

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
 Data File : BF141316.D
 Acq On : 30 Jan 2025 16:30
 Operator : RC/JU
 Sample : Q1209-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 30 17:10:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	167424	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	670473	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	356498	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	588680	20.000	ng	0.00
76) Chrysene-d12	13.974	240	325949	20.000	ng	0.00
86) Perylene-d12	15.457	264	310604	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	978684	89.741	ng	0.00
7) Phenol-d6	6.428	99	1261106	90.901	ng	-0.01
23) Nitrobenzene-d5	7.363	82	805336	63.320	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	318353	97.407	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1376060	59.412	ng	0.00
79) Terphenyl-d14	12.910	244	1399685	66.224	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	185454	38.666	ng	99
3) Pyridine	3.334	79	441993	38.248	ng	99
4) n-Nitrosodimethylamine	3.293	42	264384	40.049	ng	99
6) Aniline	6.463	93	399163	33.990	ng	97
8) 2-Chlorophenol	6.581	128	474908	40.629	ng	98
9) Benzaldehyde	6.351	77	422585	52.587	ng	100
10) Phenol	6.446	94	588247	39.999	ng	96
11) bis(2-Chloroethyl)ether	6.534	93	439945	39.016	ng	100
12) 1,3-Dichlorobenzene	6.740	146	483070	37.481	ng	99
13) 1,4-Dichlorobenzene	6.816	146	486545	37.578	ng	100
14) 1,2-Dichlorobenzene	6.969	146	473074	39.020	ng	99
15) Benzyl Alcohol	6.940	79	402506	42.454	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	804591	41.033	ng	99
17) 2-Methylphenol	7.051	107	379338	39.930	ng	99
18) Hexachloroethane	7.310	117	183911	38.504	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	321954	39.055	ng	99
20) 3+4-Methylphenols	7.204	107	441064	37.812	ng	93
22) Acetophenone	7.210	105	674891	42.347	ng	99
24) Nitrobenzene	7.381	77	491908	37.322	ng	99
25) Isophorone	7.622	82	889100	40.441	ng	99
26) 2-Nitrophenol	7.698	139	253345	40.757	ng	98
27) 2,4-Dimethylphenol	7.734	122	400965	50.679	ng	100
28) bis(2-Chloroethoxy)met...	7.834	93	549666	39.196	ng	99
29) 2,4-Dichlorophenol	7.940	162	382394	39.479	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	410595	37.119	ng	100
31) Naphthalene	8.104	128	1323328	37.362	ng	100
32) Benzoic acid	7.857	122	315679	43.403	ng	99
33) 4-Chloroaniline	8.151	127	170221	14.172	ng	98
34) Hexachlorobutadiene	8.222	225	238122	36.708	ng	99
35) Caprolactam	8.522	113	136065m	43.013	ng	
36) 4-Chloro-3-methylphenol	8.634	107	414671	39.912	ng	98
37) 2-Methylnaphthalene	8.792	142	841360	37.374	ng	98
38) 1-Methylnaphthalene	8.892	142	820539	37.106	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	424850	41.890	ng	99
41) Hexachlorocyclopentadiene	8.945	237	464638	155.127	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	281338	42.381	ng	99

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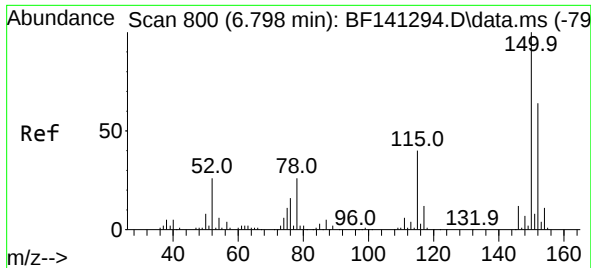
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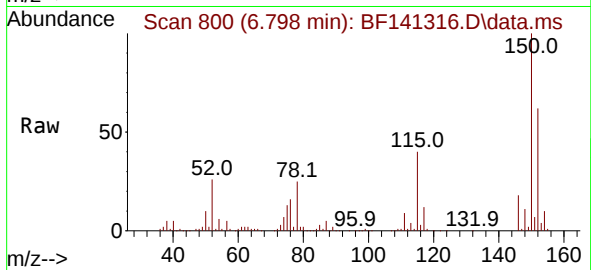
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	273099	37.799	ng	99
46) 1,1'-Biphenyl	9.257	154	1185688	42.647	ng	99
47) 2-Chloronaphthalene	9.281	162	810546	37.403	ng	100
48) 2-Nitroaniline	9.381	65	282428	41.434	ng	99
49) Acenaphthylene	9.698	152	1258782	41.496	ng	100
50) Dimethylphthalate	9.563	163	953297	39.592	ng	100
51) 2,6-Dinitrotoluene	9.622	165	211701	37.868	ng	100
52) Acenaphthene	9.869	154	935411	43.164	ng	99
53) 3-Nitroaniline	9.787	138	99686	18.193	ng	99
54) 2,4-Dinitrophenol	9.898	184	253324	97.477	ng	95
55) Dibenzofuran	10.045	168	1111457	38.315	ng	99
56) 4-Nitrophenol	9.957	139	367987	91.830	ng	98
57) 2,4-Dinitrotoluene	10.028	165	284780	39.344	ng	95
58) Fluorene	10.386	166	852028	37.866	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	239211	42.085	ng	99
60) Diethylphthalate	10.263	149	905511	38.786	ng	100
61) 4-Chlorophenyl-phenyle...	10.381	204	412318	37.514	ng	99
62) 4-Nitroaniline	10.410	138	217106	40.302	ng	100
63) Azobenzene	10.539	77	1052294	45.030	ng	97
65) 4,6-Dinitro-2-methylph...	10.439	198	163963	47.088	ng	96
66) n-Nitrosodiphenylamine	10.498	169	773802	40.641	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	266484	40.435	ng	98
68) Hexachlorobenzene	10.933	284	273333	39.099	ng	99
69) Atrazine	11.028	200	281264	44.182	ng	99
70) Pentachlorophenol	11.133	266	346307	84.595	ng	99
71) Phenanthrene	11.351	178	1271787	40.190	ng	100
72) Anthracene	11.404	178	1295098	41.770	ng	100
73) Carbazole	11.557	167	1127089	40.995	ng	99
74) Di-n-butylphthalate	11.892	149	1376232	41.305	ng	100
75) Fluoranthene	12.539	202	1253101	40.106	ng	100
77) Benzidine	12.663	184	585138	55.997	ng	99
78) Pyrene	12.769	202	1240831	39.658	ng	100
80) Butylbenzylphthalate	13.392	149	506233	46.313	ng	99
81) Benzo(a)anthracene	13.963	228	881976	39.212	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	221186	30.919	ng	100
83) Chrysene	14.004	228	808152	39.205	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	617033	44.500	ng	100
85) Di-n-octyl phthalate	14.598	149	909822	42.245	ng	99
87) Indeno(1,2,3-cd)pyrene	16.910	276	899453	44.867	ng	99
88) Benzo(b)fluoranthene	15.033	252	823489	42.148	ng	99
89) Benzo(k)fluoranthene	15.063	252	652540	37.701	ng	100
90) Benzo(a)pyrene	15.398	252	713438	43.212	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	731126	45.331	ng	99
92) Benzo(g,h,i)perylene	17.351	276	714115	42.582	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF141316.D
 Acq: 30 Jan 2025 16:30

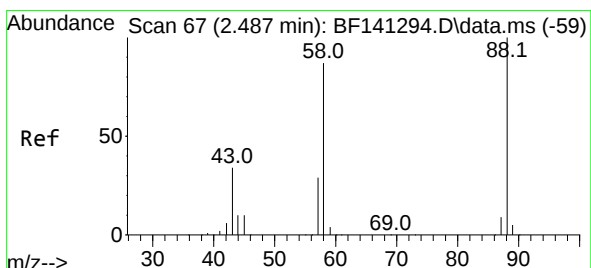
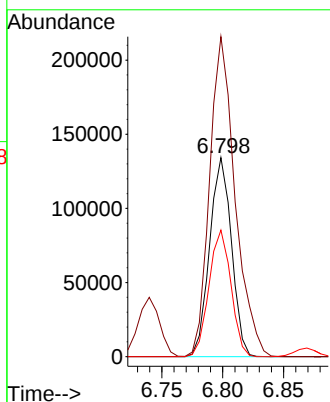
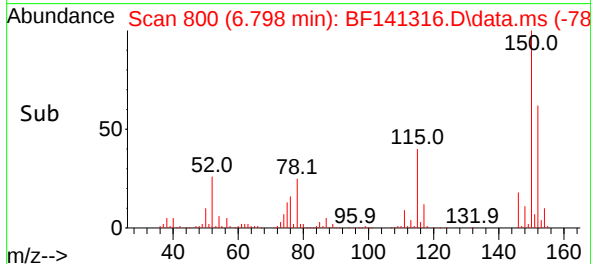
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MSD



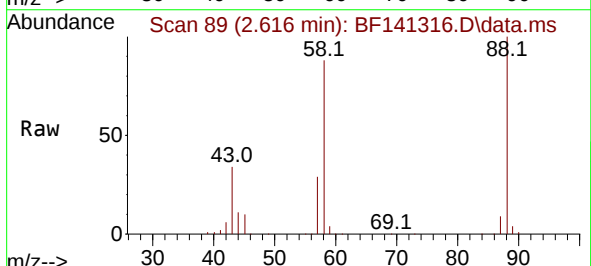
Tgt Ion:152 Resp: 167424
 Ion Ratio Lower Upper
 152 100
 150 160.8 125.9 188.9
 115 63.6 49.7 74.5

Manual Integrations
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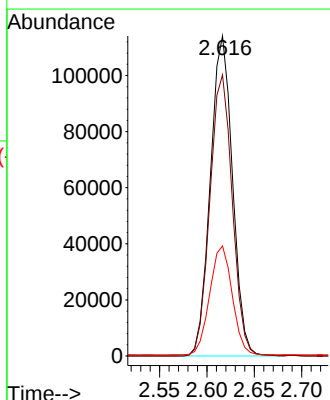
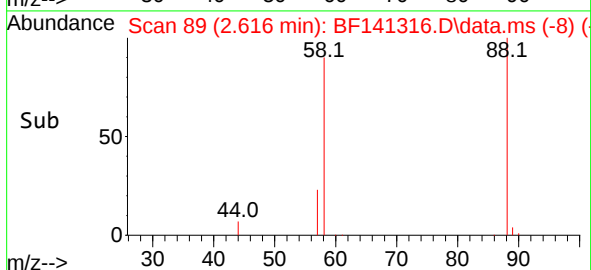
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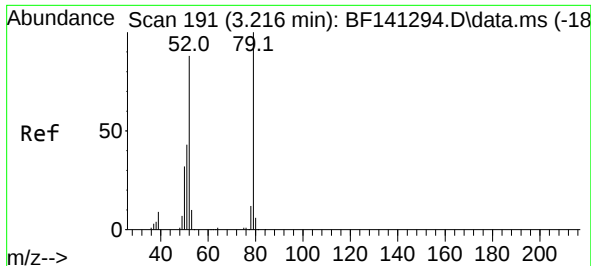


#2
 1,4-Dioxane
 Concen: 38.666 ng
 RT: 2.616 min Scan# 89
 Delta R.T. 0.124 min
 Lab File: BF141316.D
 Acq: 30 Jan 2025 16:30



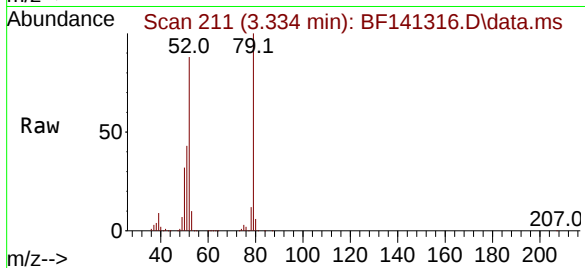
Tgt Ion: 88 Resp: 185454
 Ion Ratio Lower Upper
 88 100
 58 88.8 70.2 105.4
 43 34.5 27.6 41.4





#3
Pyridine
Concen: 38.248 ng
RT: 3.334 min Scan# 211
Delta R.T. 0.106 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

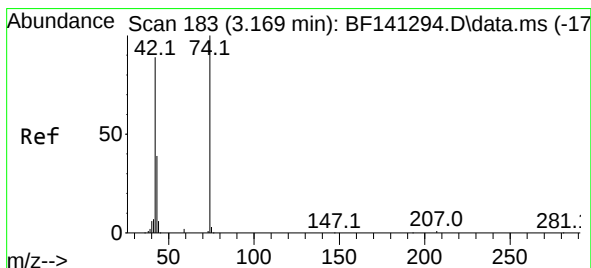
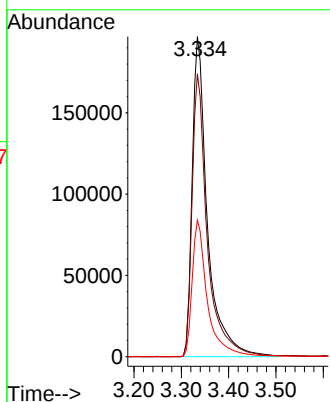
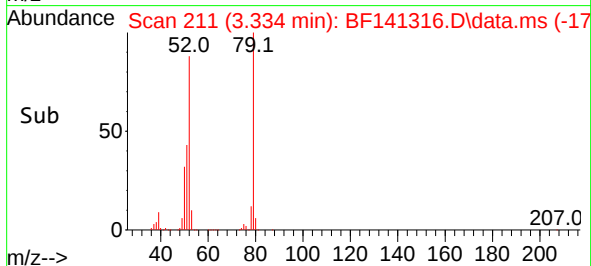
Instrument :
BNA_F
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WC-5MSD



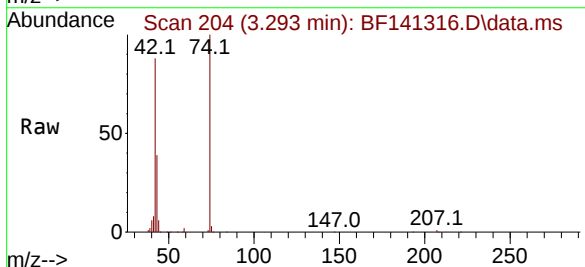
Tgt Ion: 79 Resp: 44199
Ion Ratio Lower Upper
79 100
52 88.4 70.3 105.5
51 42.7 34.3 51.5

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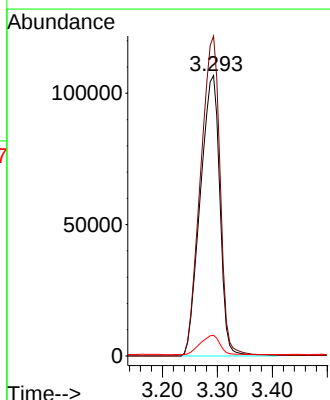
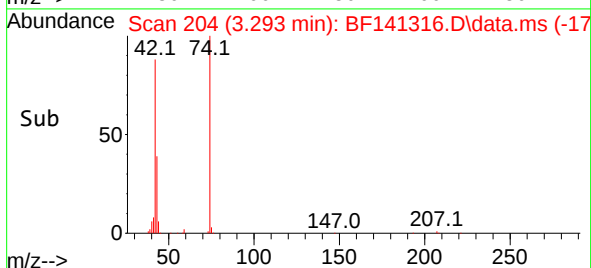
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Supervised By :mohammad ahmed 01/31/2025

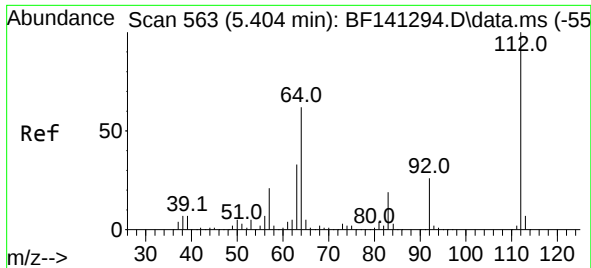


#4
n-Nitrosodimethylamine
Concen: 40.049 ng
RT: 3.293 min Scan# 204
Delta R.T. 0.094 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30



Tgt Ion: 42 Resp: 264384
Ion Ratio Lower Upper
42 100
74 114.1 90.3 135.5
44 7.4 5.7 8.5





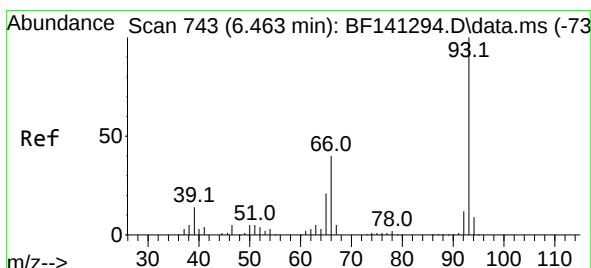
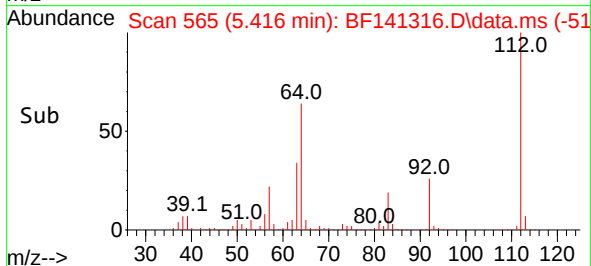
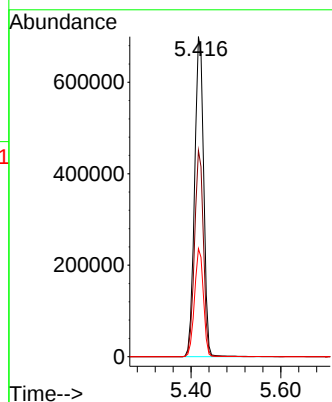
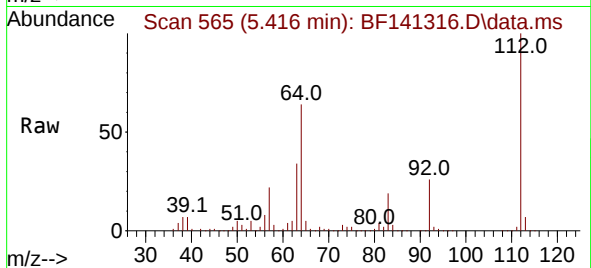
#5
2-Fluorophenol
Concen: 89.741 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

Instrument :
BNA_F
ClientSampleId :
WC-5MSD

Tgt Ion:112 Resp: 978684
Ion Ratio Lower Upper
112 100
64 64.4 49.8 74.8
63 33.8 26.1 39.1

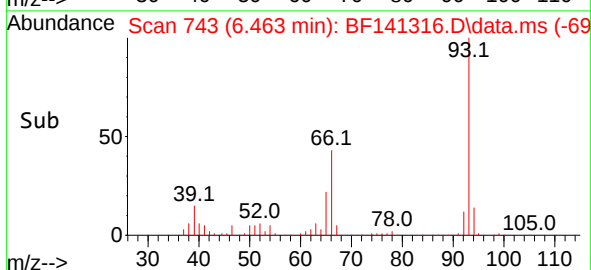
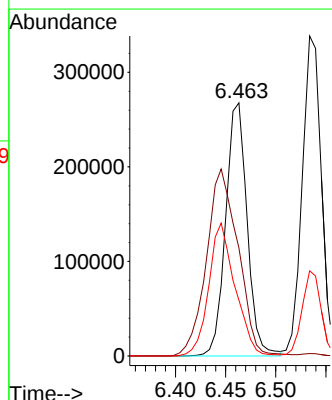
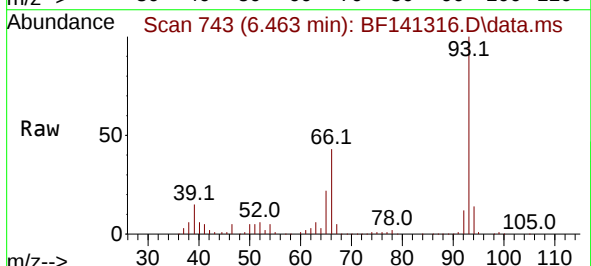
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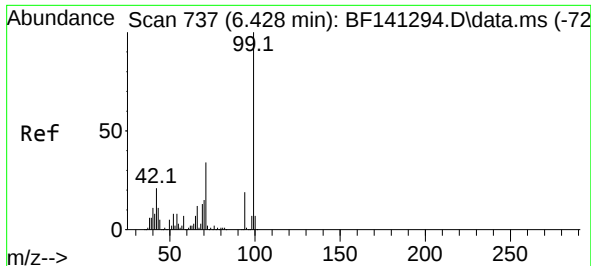
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#6
Aniline
Concen: 33.990 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

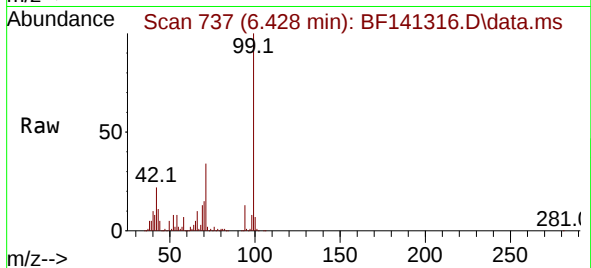
Tgt Ion: 93 Resp: 399163
Ion Ratio Lower Upper
93 100
66 42.7 32.5 48.7
65 22.1 17.0 25.6





#7
Phenol-d6
Concen: 90.901 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

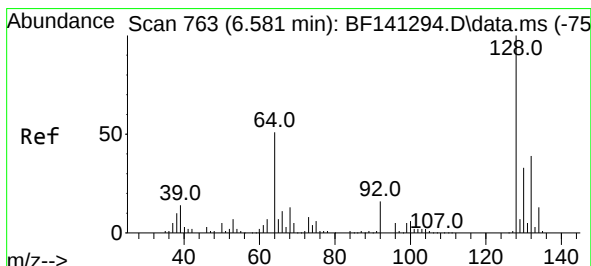
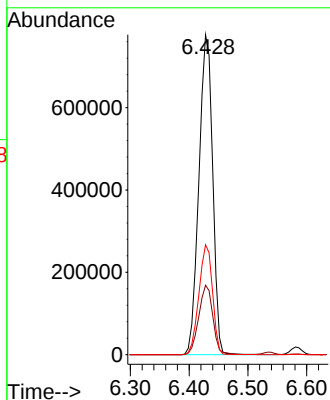
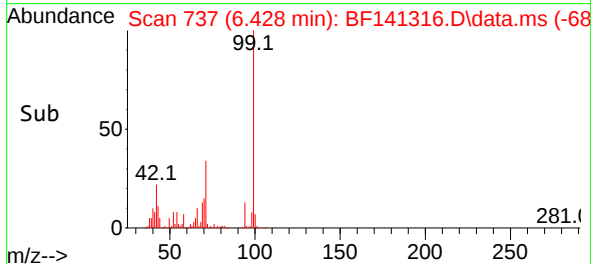
Instrument :
BNA_F
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WC-5MSD



Tgt Ion: 99 Resp: 1261100
Ion Ratio Lower Upper
99 100
42 21.7 17.1 25.7
71 34.3 26.9 40.3

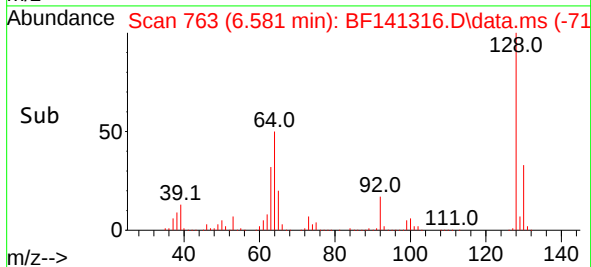
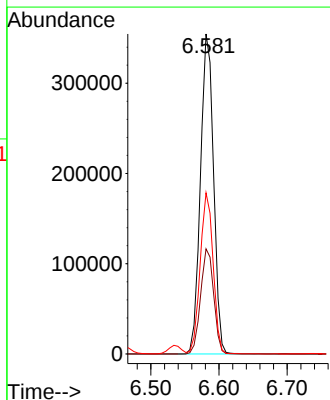
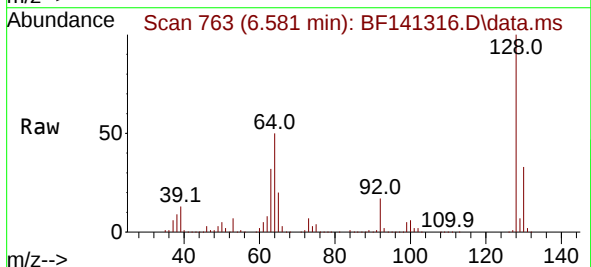
Manual Integrations
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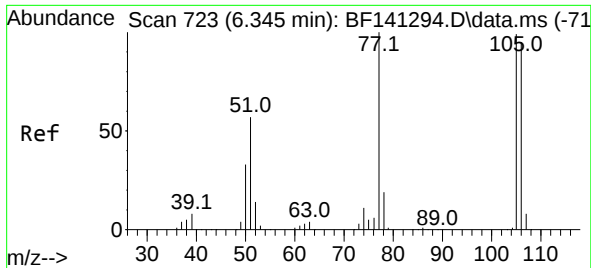
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#8
2-Chlorophenol
Concen: 40.629 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

Tgt Ion:128 Resp: 474908
Ion Ratio Lower Upper
128 100
130 32.8 12.5 52.5
64 50.4 32.9 72.9





#9

Benzaldehyde

Concen: 52.587 ng

RT: 6.351 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141316.D

Acq: 30 Jan 2025 16:30

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

Tgt Ion: 77 Resp: 42258

Ion Ratio Lower Upper

77 100

105 100.0 79.4 119.4

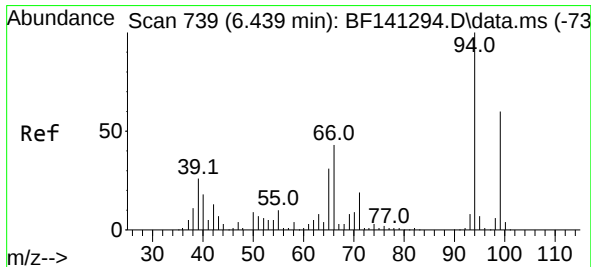
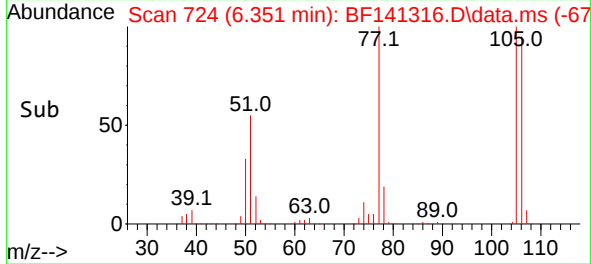
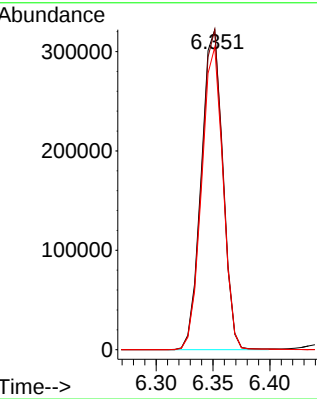
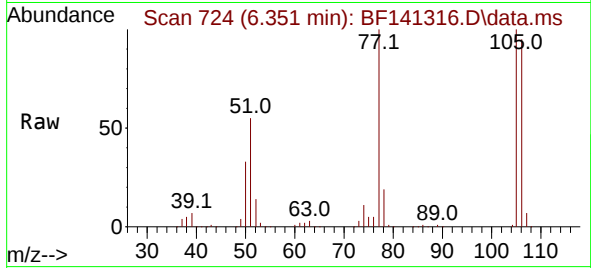
106 94.6 74.6 114.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/30/2025

Supervised By :mohammad ahmed 01/31/2025



#10

Phenol

Concen: 39.999 ng

RT: 6.446 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF141316.D

Acq: 30 Jan 2025 16:30

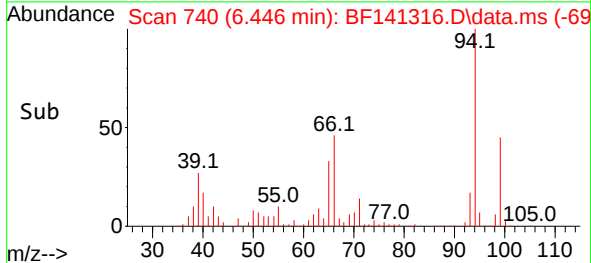
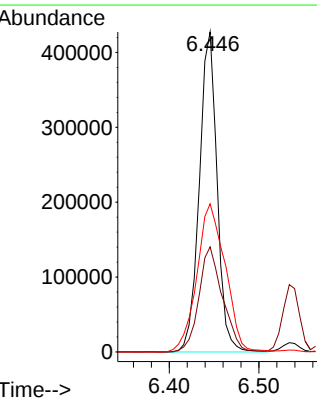
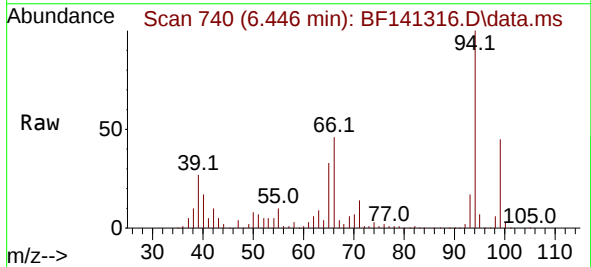
Tgt Ion: 94 Resp: 588247

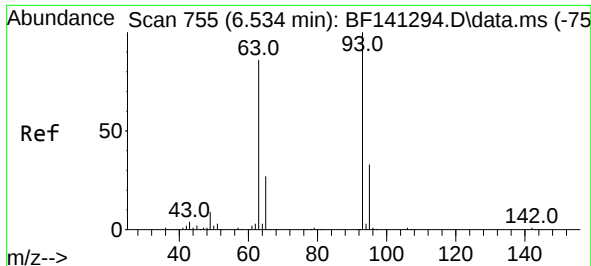
Ion Ratio Lower Upper

94 100

65 32.9 10.8 50.8

66 46.3 23.3 63.3





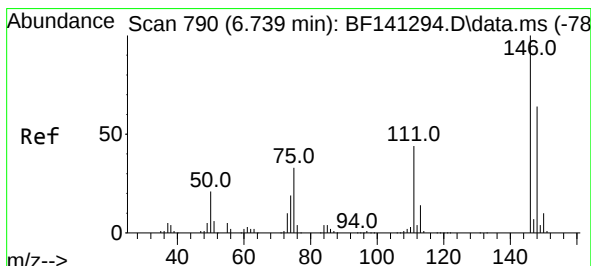
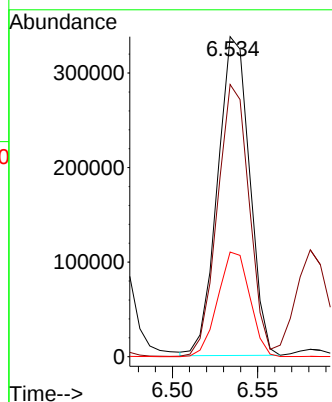
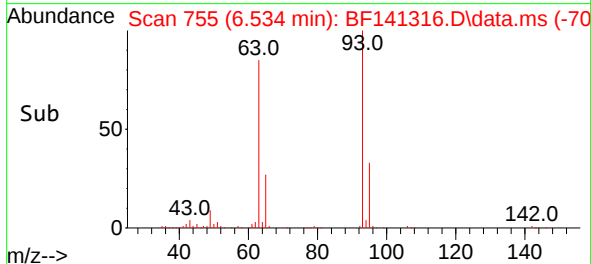
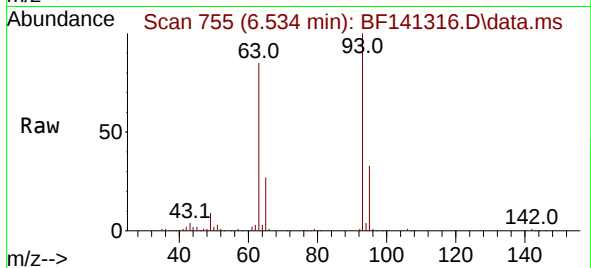
#11
bis(2-Chloroethyl)ether
Concen: 39.016 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

Instrument :
BNA_F
ClientSampleId :
WC-5MSD

Tgt Ion: 93 Resp: 439945
Ion Ratio Lower Upper
93 100
63 85.1 65.0 105.0
95 32.7 12.4 52.4

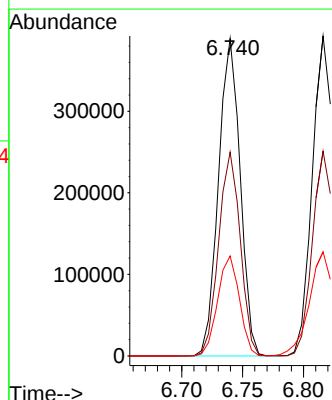
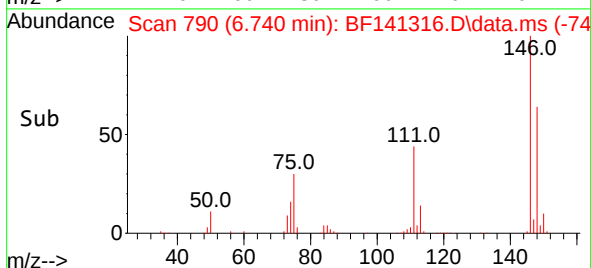
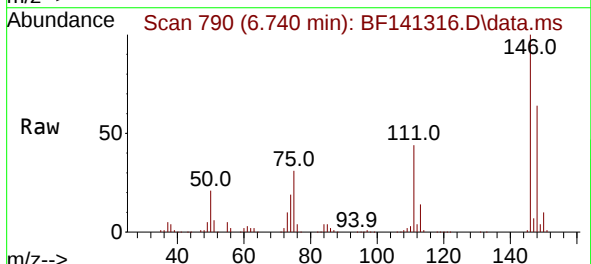
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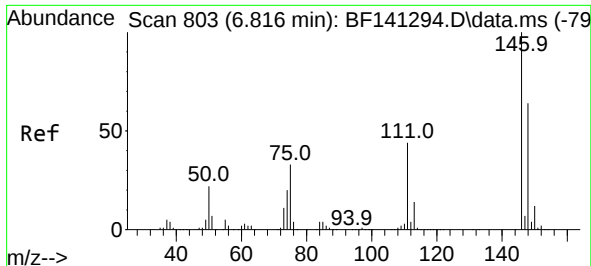
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#12
1,3-Dichlorobenzene
Concen: 37.481 ng
RT: 6.740 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

Tgt Ion:146 Resp: 483070
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 31.5 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 37.578 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141316.D

Acq: 30 Jan 2025 16:30

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

Tgt Ion:146 Resp: 48654

Ion Ratio Lower Upper

146 100

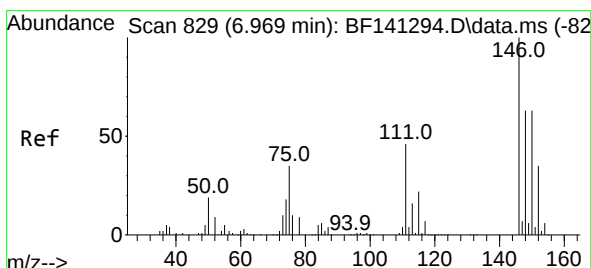
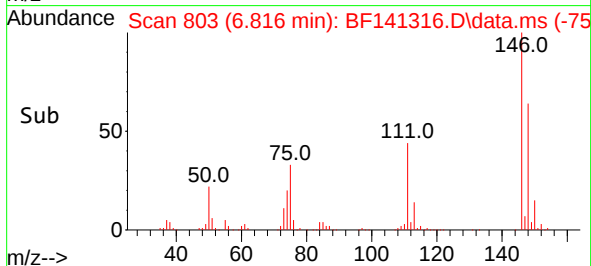
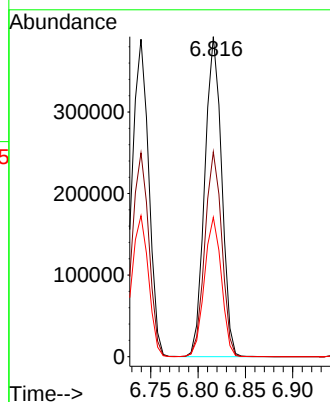
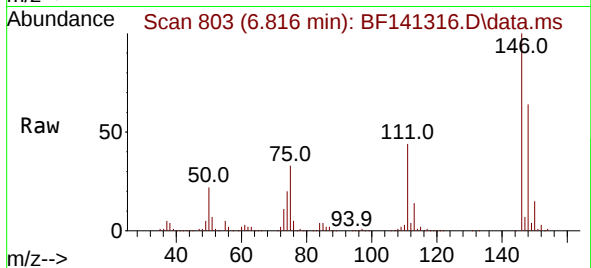
148 64.0 51.2 76.8

111 43.6 35.0 52.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#14

1,2-Dichlorobenzene

Concen: 39.020 ng

RT: 6.969 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF141316.D

Acq: 30 Jan 2025 16:30

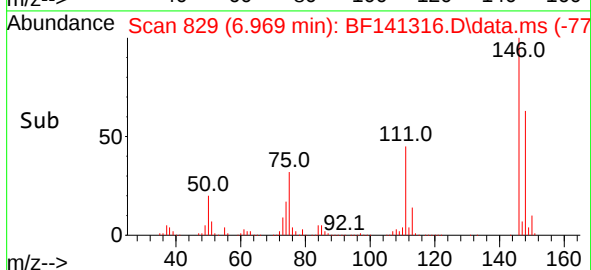
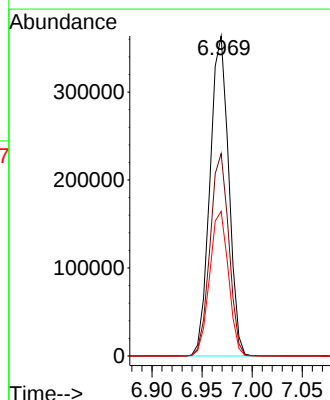
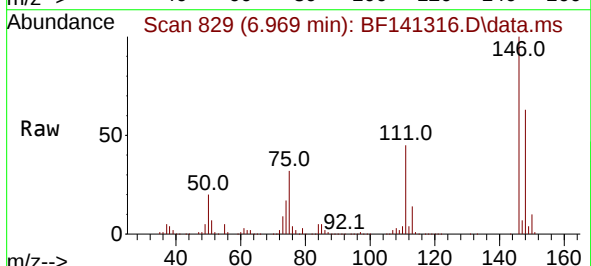
Tgt Ion:146 Resp: 473074

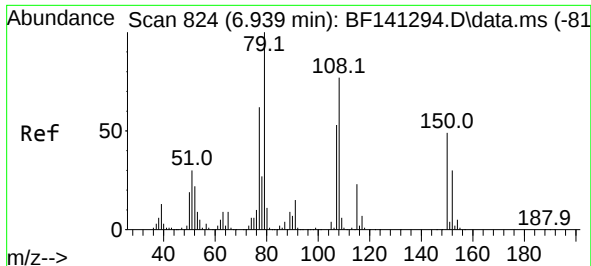
Ion Ratio Lower Upper

146 100

148 63.3 50.5 75.7

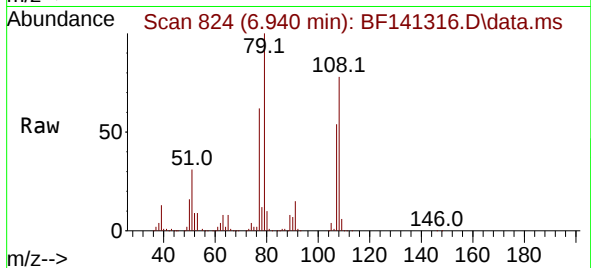
111 45.2 36.6 55.0





#15
Benzyl Alcohol
Concen: 42.454 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

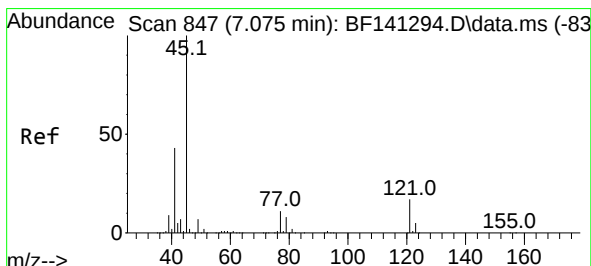
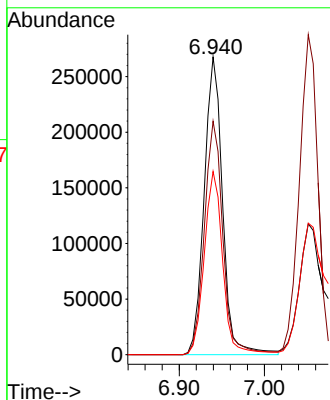
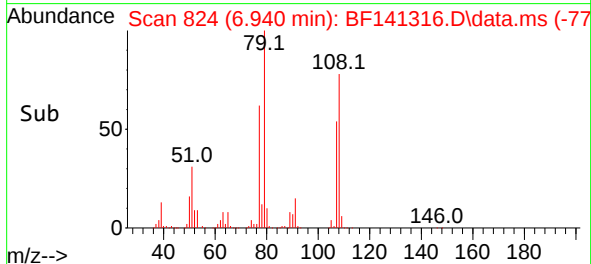
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



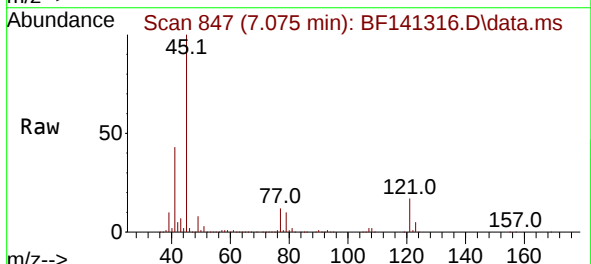
Tgt Ion: 79 Resp: 402500
Ion Ratio Lower Upper
79 100
108 78.4 61.4 92.0
77 61.5 49.9 74.9

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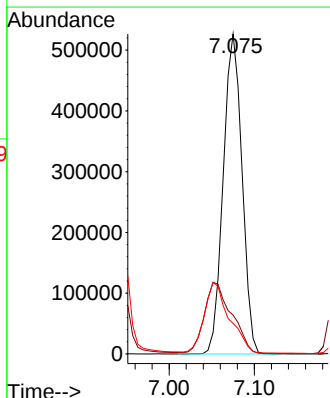
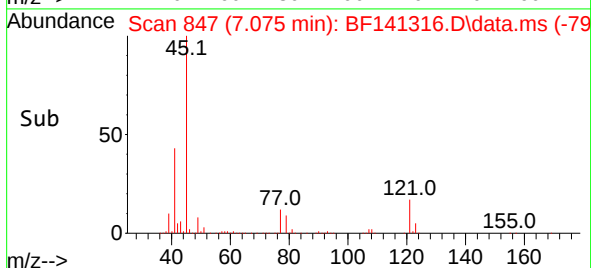
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

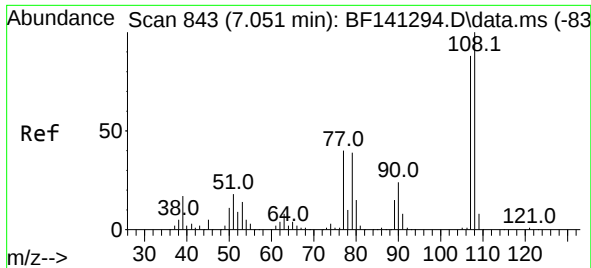


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.033 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30



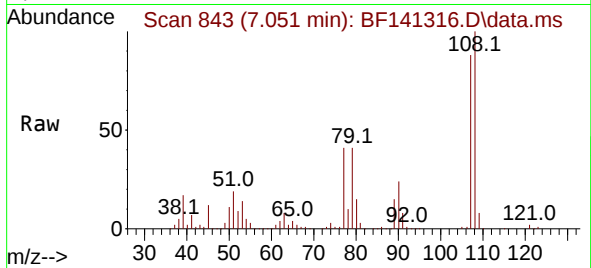
Tgt Ion: 45 Resp: 804591
Ion Ratio Lower Upper
45 100
77 12.1 0.0 31.8
79 9.6 0.0 29.1





#17
2-Methylphenol
Concen: 39.930 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

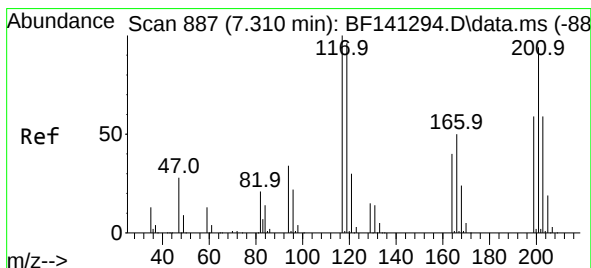
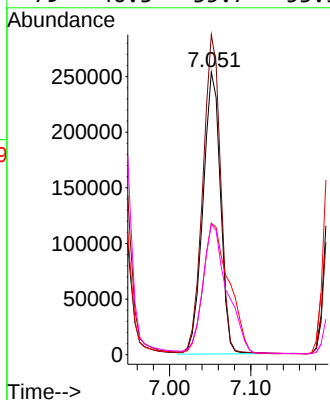
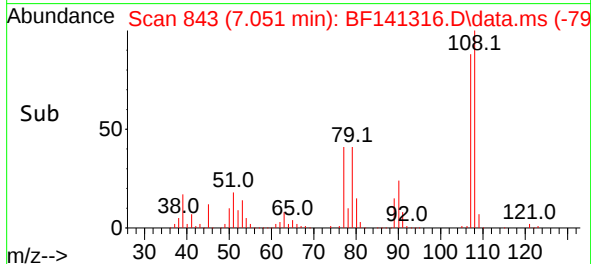
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



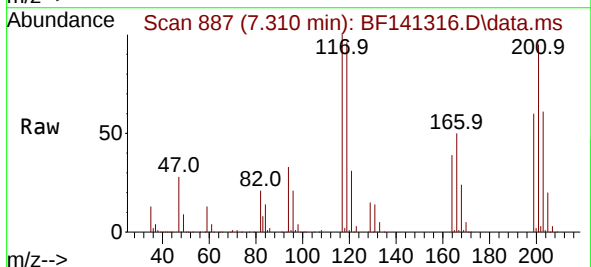
Tgt Ion:107 Resp: 379338
Ion Ratio Lower Upper
107 100
108 113.3 90.8 136.2
77 46.6 36.2 54.4
79 46.3 35.7 53.5

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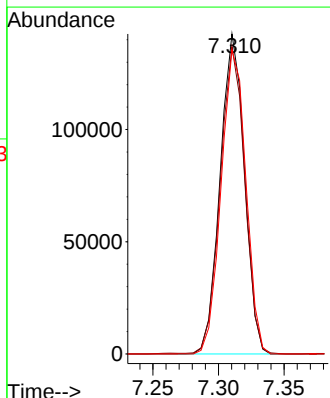
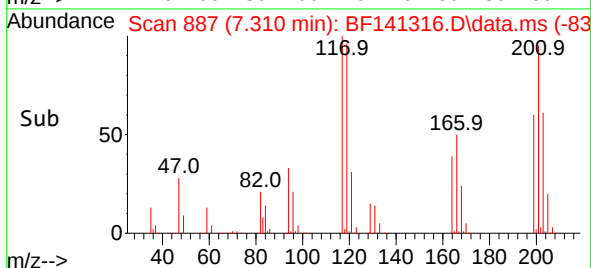
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

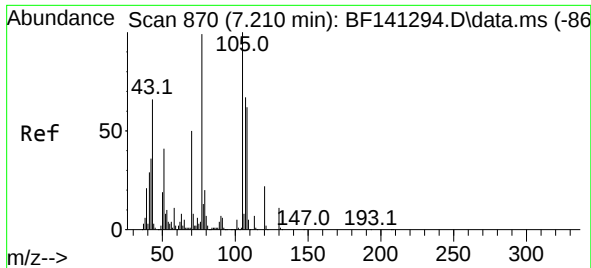


#18
Hexachloroethane
Concen: 38.504 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30



Tgt Ion:117 Resp: 183911
Ion Ratio Lower Upper
117 100
119 96.0 76.6 114.8
201 95.1 74.8 112.2





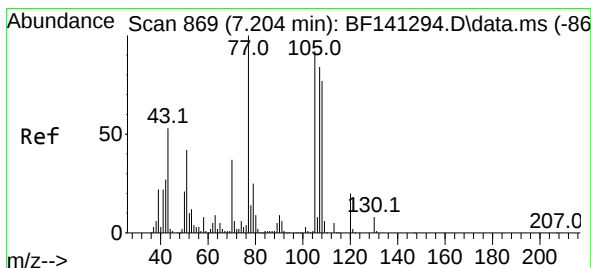
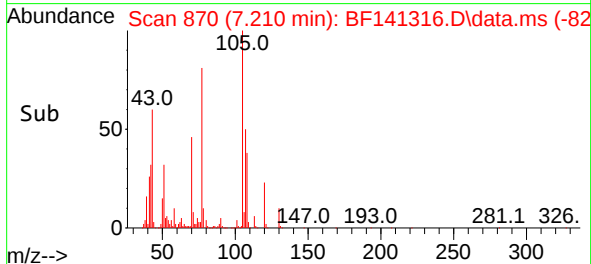
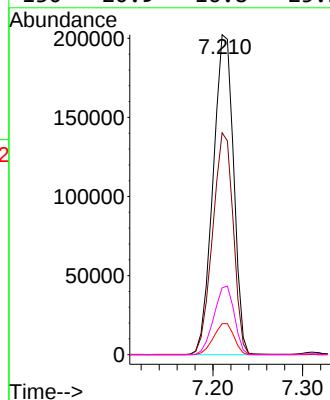
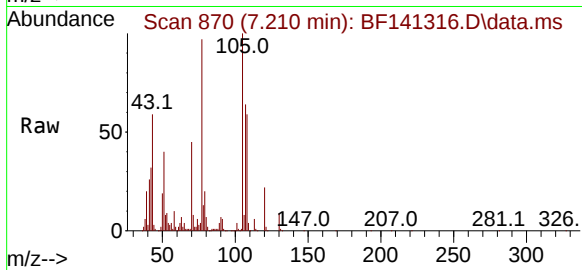
#19
n-Nitroso-di-n-propylamine
Concen: 39.055 ng
RT: 7.210 min Scan# 819
Delta R.T. -0.018 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

Instrument :
BNA_F
ClientSampleId :
WC-5MSD

Tgt Ion: 70 Resp: 321954
Ion Ratio Lower Upper
70 100
42 69.4 56.8 85.2
101 9.7 7.7 11.5
130 20.9 16.8 25.2

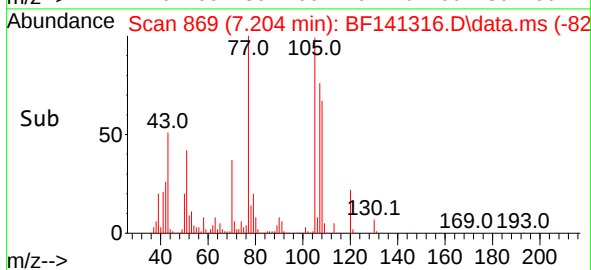
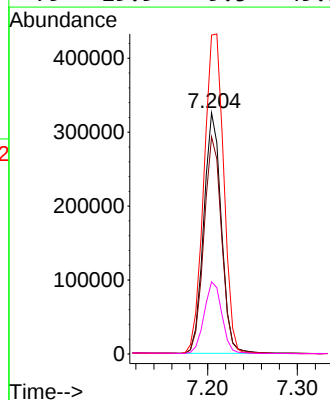
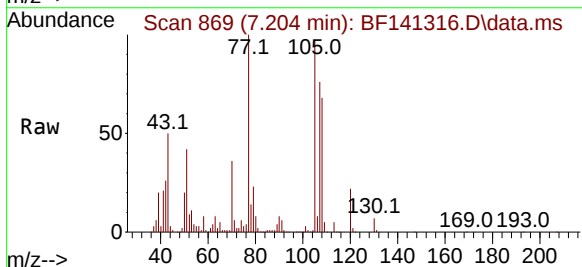
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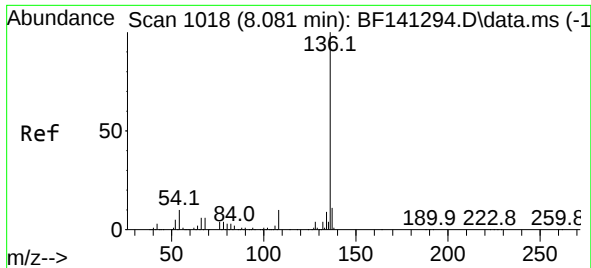
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#20
3+4-Methylphenols
Concen: 37.812 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

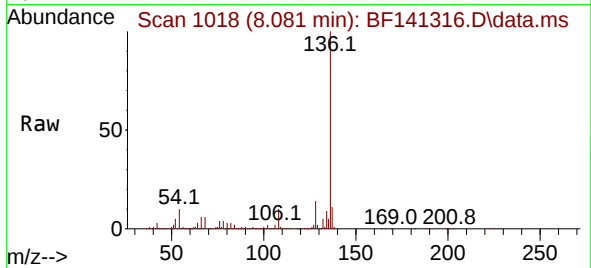
Tgt Ion:107 Resp: 441064
Ion Ratio Lower Upper
107 100
108 90.0 70.9 110.9
77 132.2 98.5 138.5
79 29.9 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

Instrument :
BNA_F
ClientSampleId :
WC-5MSD

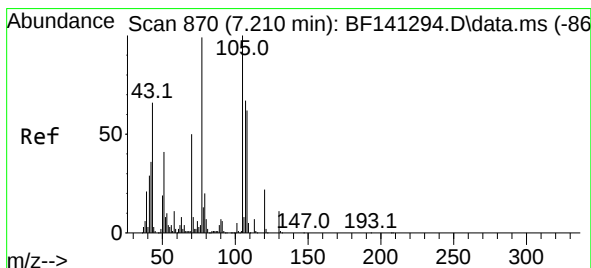
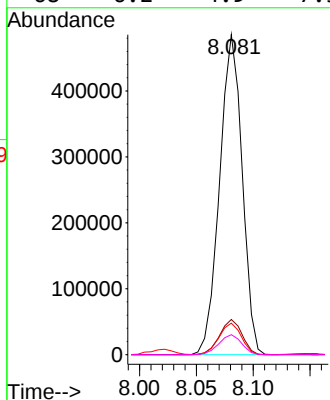
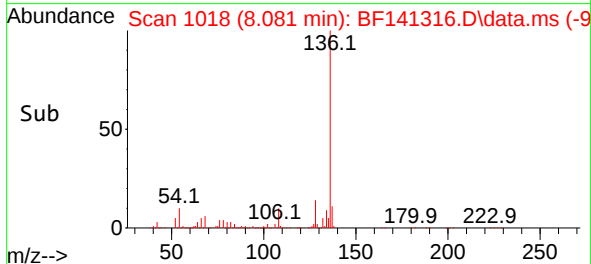


Tgt Ion:136 Resp: 67047

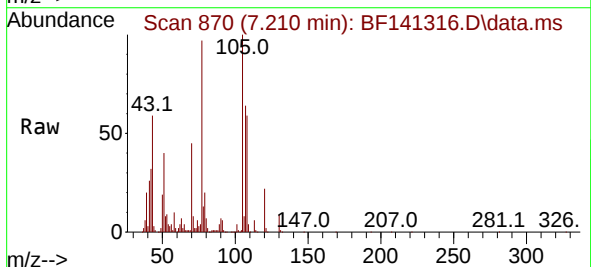
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.9	7.8	11.8
68	6.2	4.9	7.3

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Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

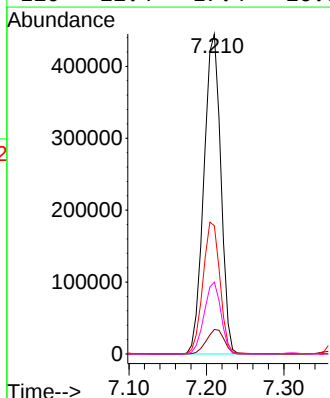
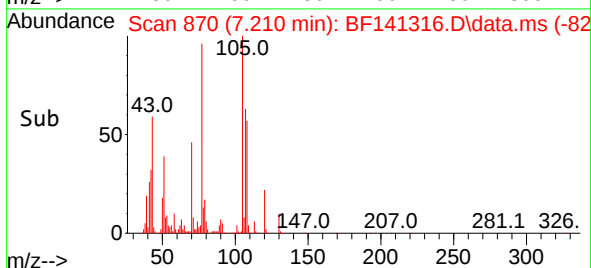


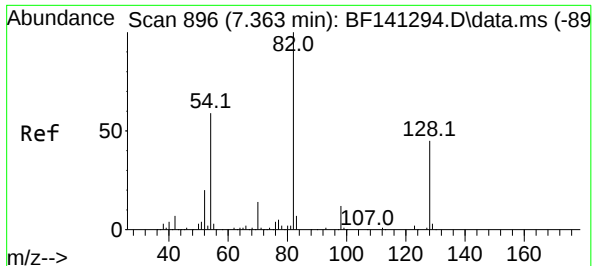
#22
Acetophenone
Concen: 42.347 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30



Tgt Ion:105 Resp: 674891

Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.8	10.2
51	40.0	32.6	49.0
120	22.4	17.4	26.0





#23

Nitrobenzene-d5

Concen: 63.320 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141316.D

Acq: 30 Jan 2025 16:30

Instrument :

BNA_F

ClientSampleId :

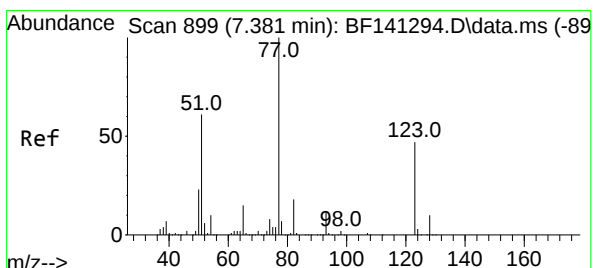
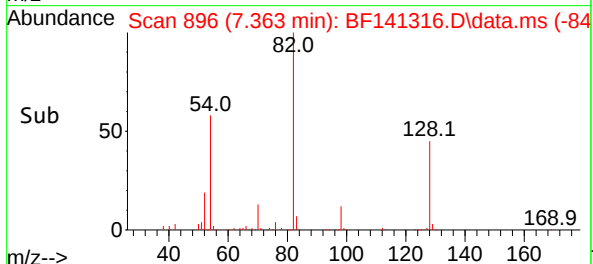
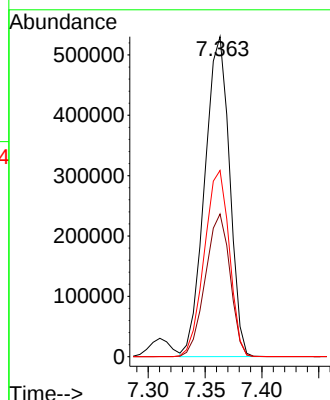
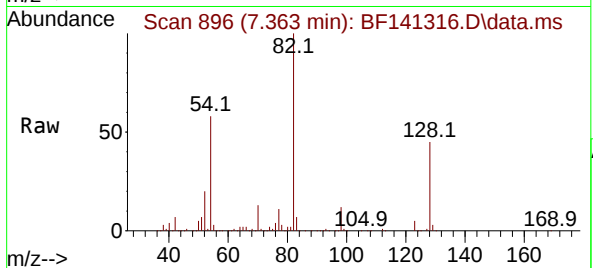
WC-5MSD

Tgt Ion: 82 Resp: 805330
 Ion Ratio Lower Upper
 82 100
 128 44.6 35.7 53.5
 54 58.2 47.1 70.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025



#24

Nitrobenzene

Concen: 37.322 ng

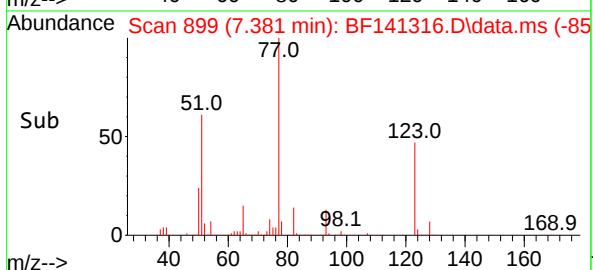
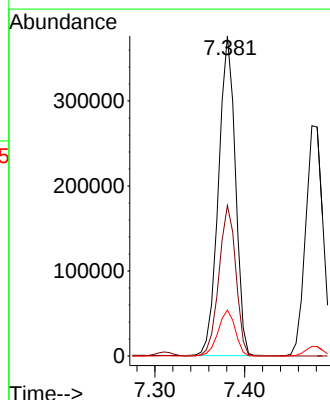
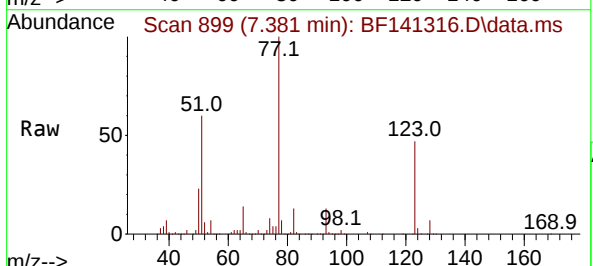
RT: 7.381 min Scan# 899

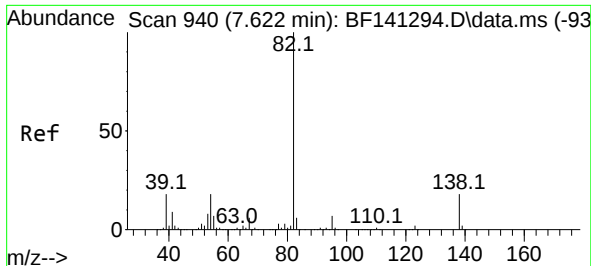
Delta R.T. -0.012 min

Lab File: BF141316.D

Acq: 30 Jan 2025 16:30

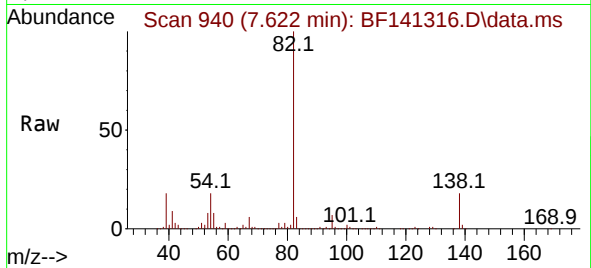
Tgt Ion: 77 Resp: 491908
 Ion Ratio Lower Upper
 77 100
 123 47.1 37.3 55.9
 65 14.4 11.8 17.6





#25
Isophorone
Concen: 40.441 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

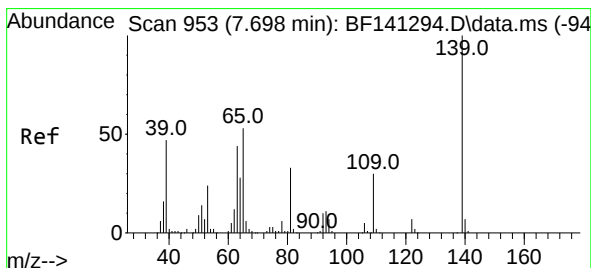
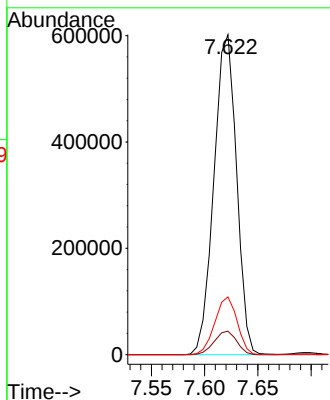
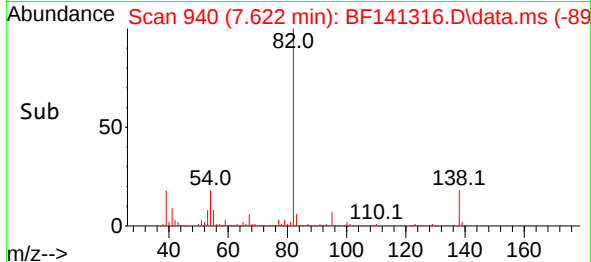
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion: 82 Resp: 889100
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 18.0 14.7 22.1

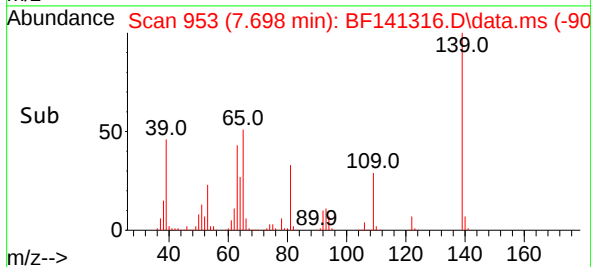
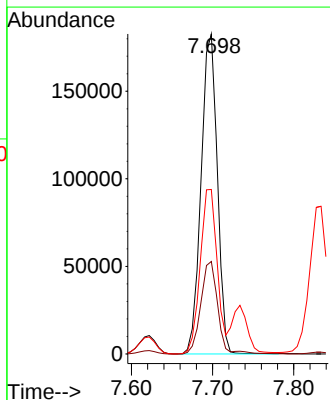
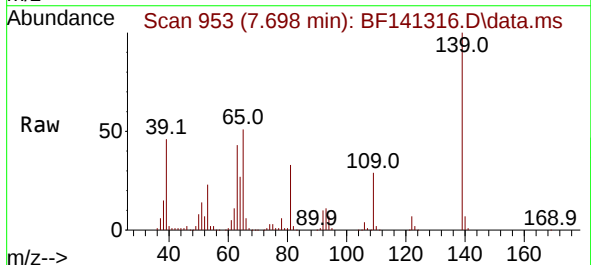
Manual Integrations
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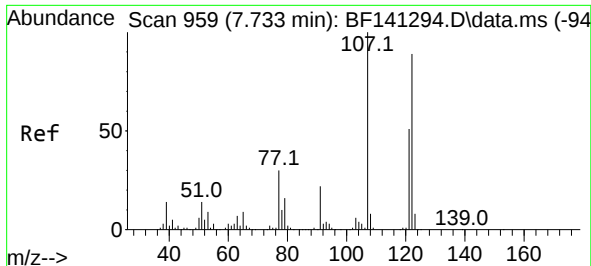
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#26
2-Nitrophenol
Concen: 40.757 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

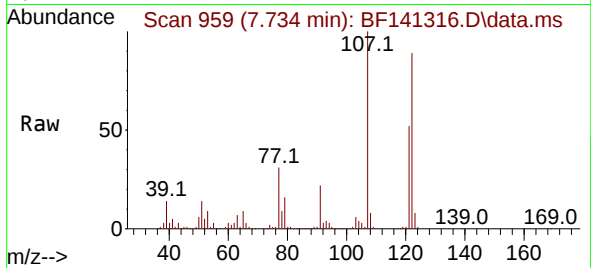
Tgt Ion:139 Resp: 253345
Ion Ratio Lower Upper
139 100
109 28.9 23.8 35.6
65 51.4 42.2 63.4





#27
2,4-Dimethylphenol
Concen: 50.679 ng
RT: 7.734 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

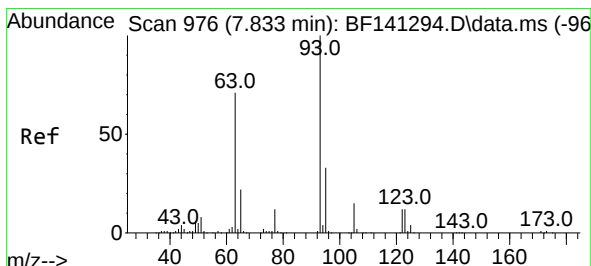
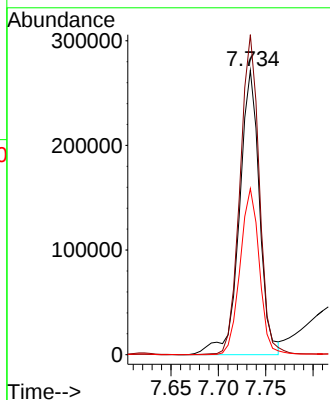
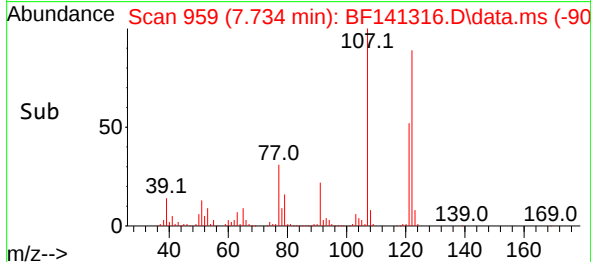
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



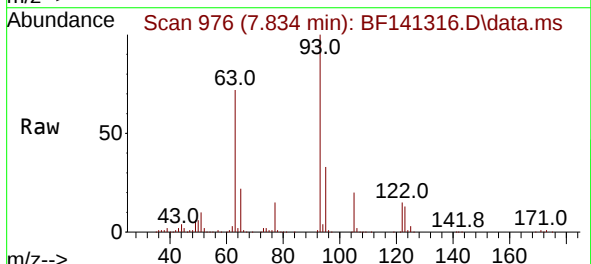
Tgt Ion:122 Resp: 40096
Ion Ratio Lower Upper
122 100
107 112.6 89.9 134.9
121 58.4 46.1 69.1

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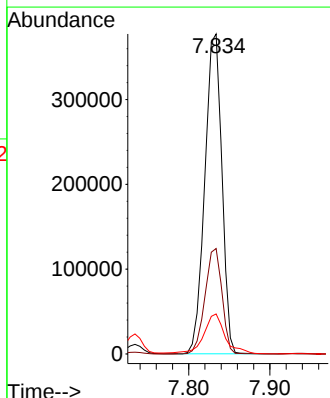
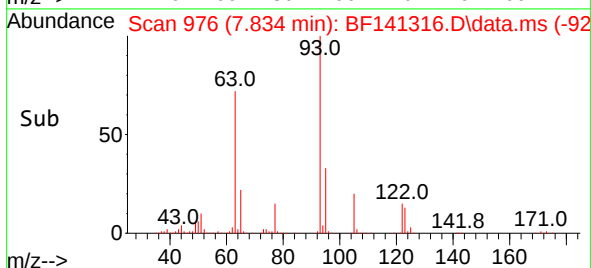
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

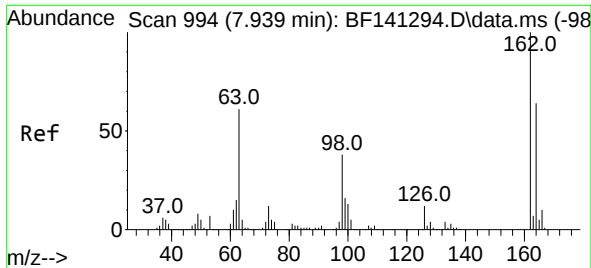


#28
bis(2-Chloroethoxy)methane
Concen: 39.196 ng
RT: 7.834 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30



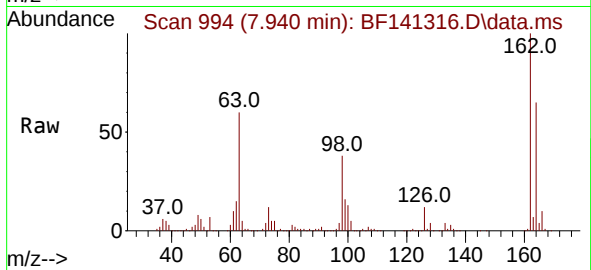
Tgt Ion: 93 Resp: 549666
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.2
123 12.5 10.2 15.4





#29
2,4-Dichlorophenol
Concen: 39.479 ng
RT: 7.940 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

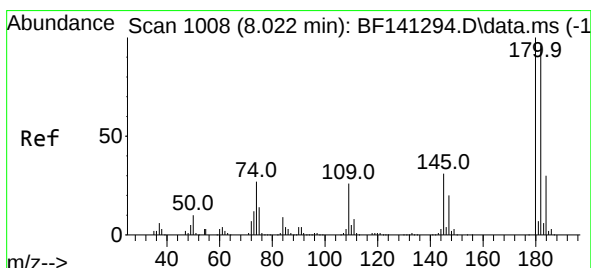
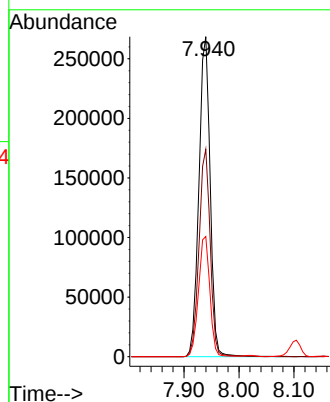
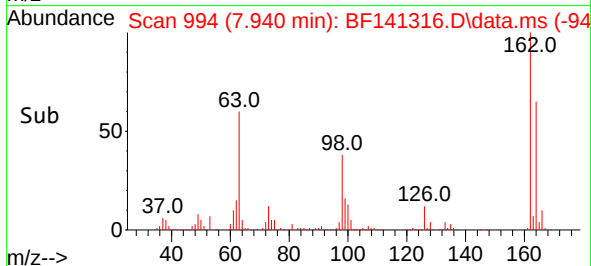
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:162 Resp: 382394
Ion Ratio Lower Upper
162 100
164 64.8 44.2 84.2
98 37.5 18.2 58.2

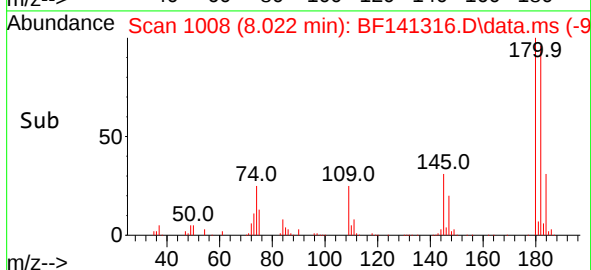
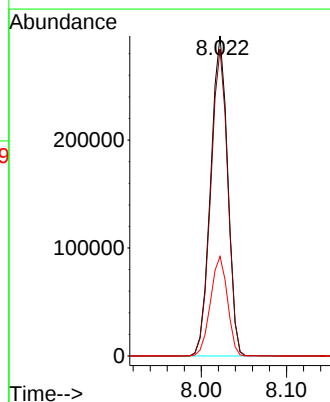
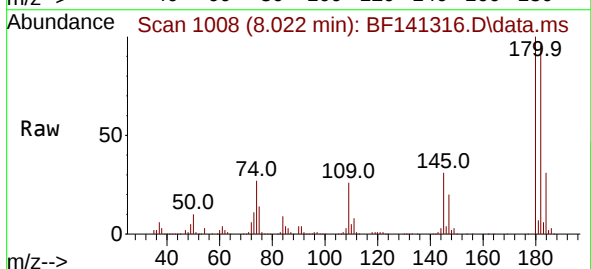
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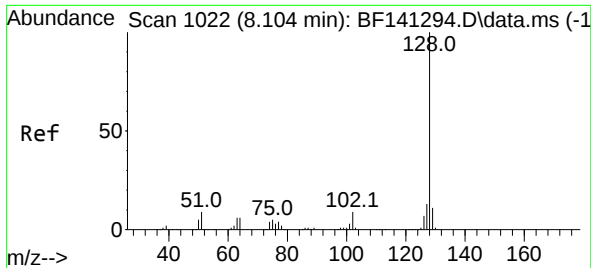
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#30
1,2,4-Trichlorobenzene
Concen: 37.119 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

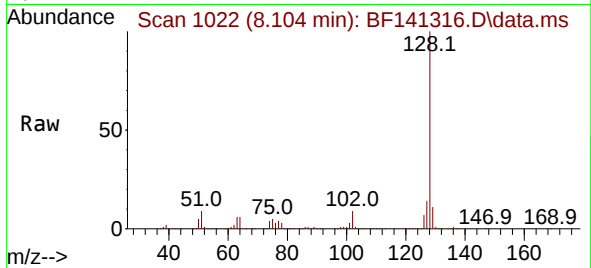
Tgt Ion:180 Resp: 410595
Ion Ratio Lower Upper
180 100
182 95.9 76.4 114.6
145 31.1 24.9 37.3





#31
Naphthalene
Concen: 37.362 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

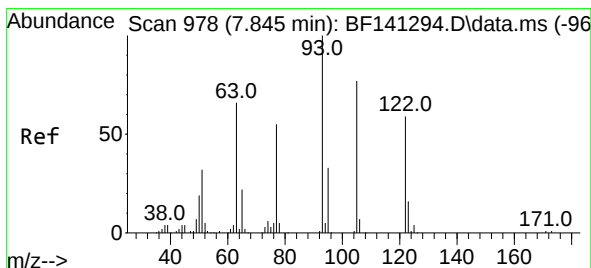
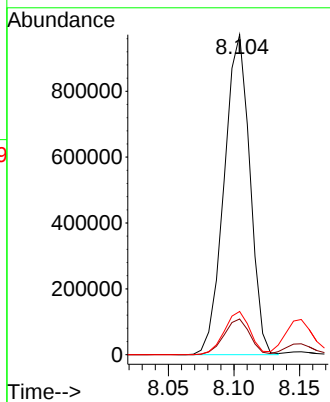
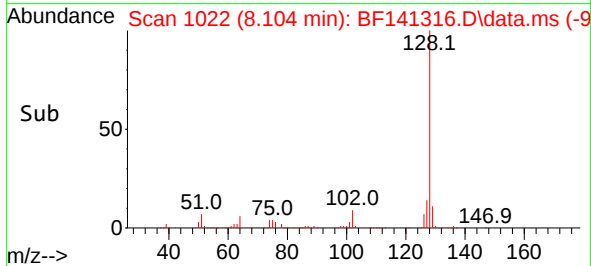
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:128 Resp: 1323328
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.6 15.8

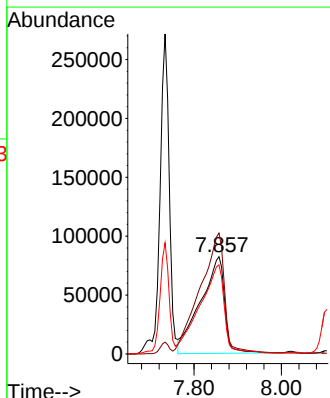
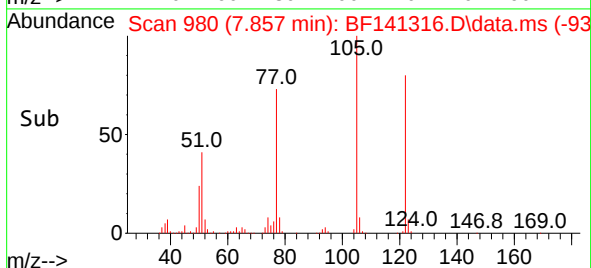
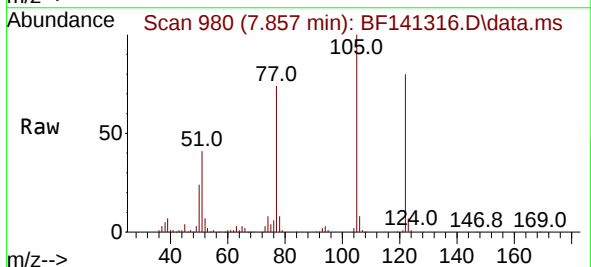
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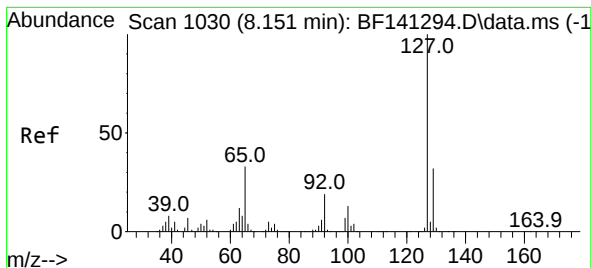
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#32
Benzoic acid
Concen: 43.403 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.024 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

Tgt Ion:122 Resp: 315679
Ion Ratio Lower Upper
122 100
105 124.2 103.4 143.4
77 91.6 70.9 110.9





#33

4-Chloroaniline

Concen: 14.172 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF141316.D

Acq: 30 Jan 2025 16:30

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

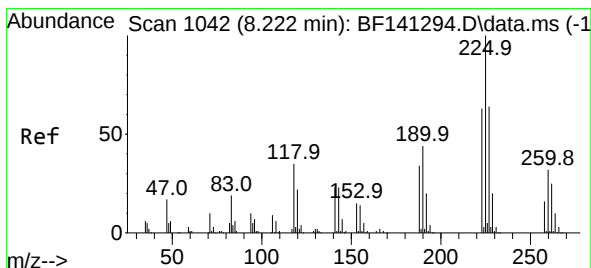
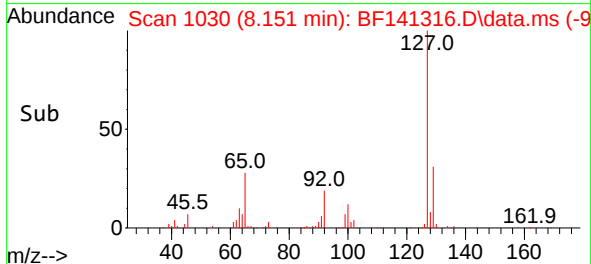
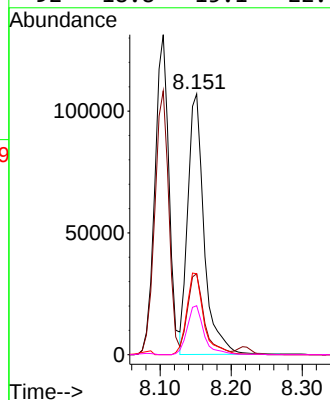
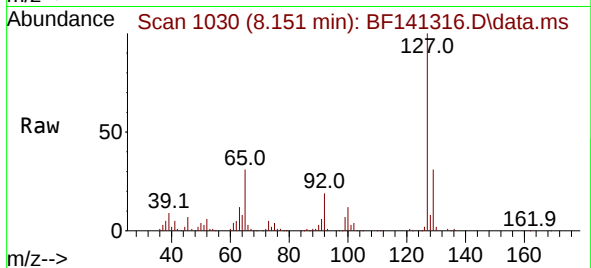
Tgt Ion:127 Resp: 17022

Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.7	38.5
65	31.0	26.4	39.6
92	18.8	15.1	22.7

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Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#34

Hexachlorobutadiene

Concen: 36.708 ng

RT: 8.222 min Scan# 1042

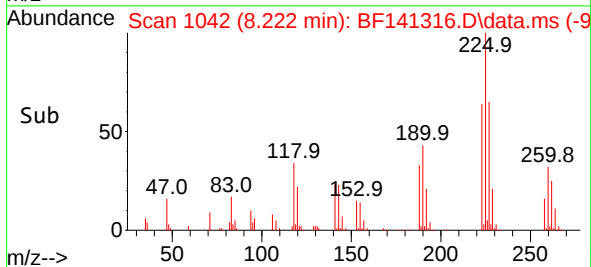
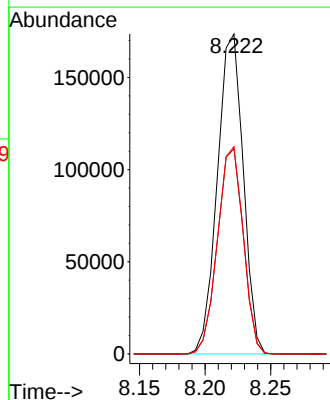
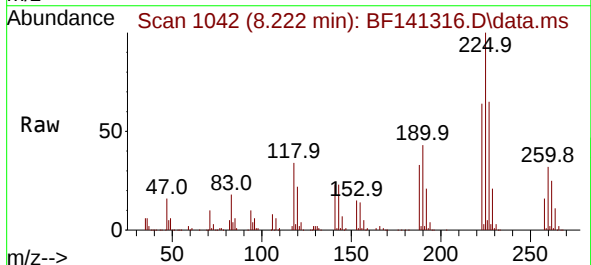
Delta R.T. 0.000 min

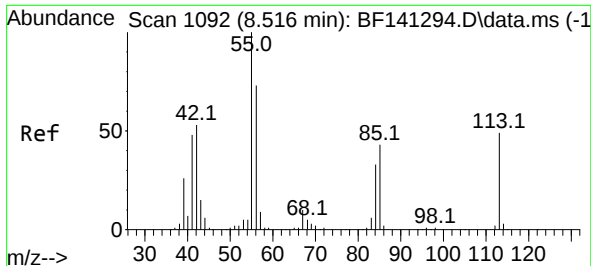
Lab File: BF141316.D

Acq: 30 Jan 2025 16:30

Tgt Ion:225 Resp: 238122

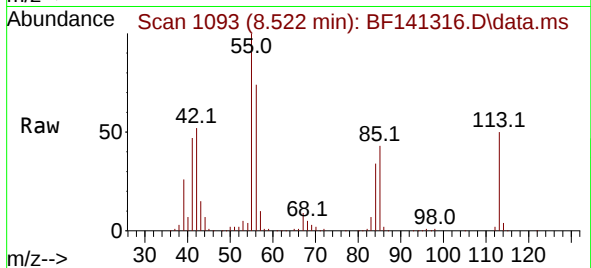
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.4	75.6
227	64.8	51.3	76.9





#35
 Caprolactam
 Concen: 43.013 ng m
 RT: 8.522 min Scan# 1093
 Delta R.T. -0.024 min
 Lab File: BF141316.D
 Acq: 30 Jan 2025 16:30

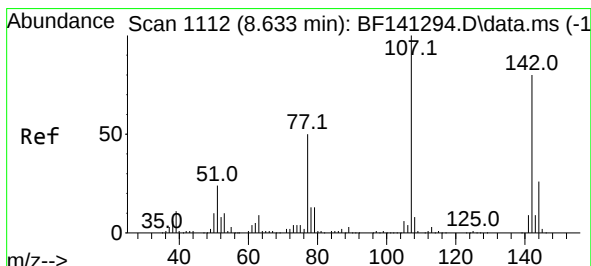
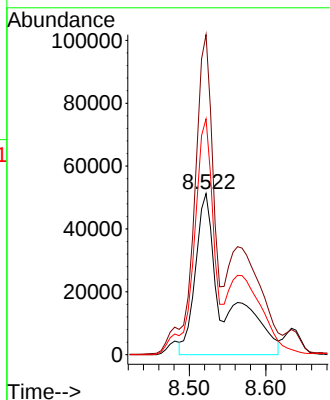
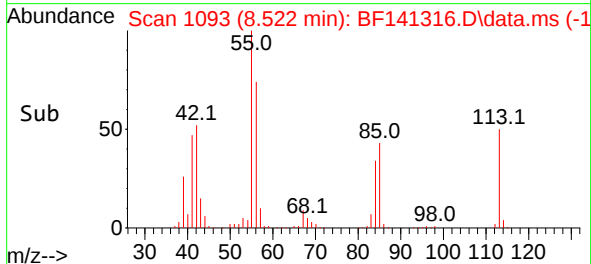
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MSD



Tgt Ion:113 Resp: 13606
 Ion Ratio Lower Upper
 113 100
 55 198.6 182.9 222.9
 56 146.4 127.9 167.9

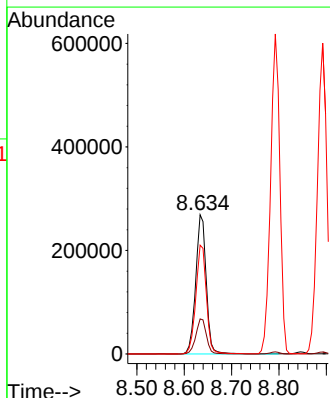
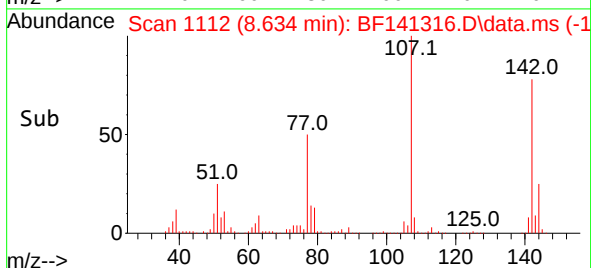
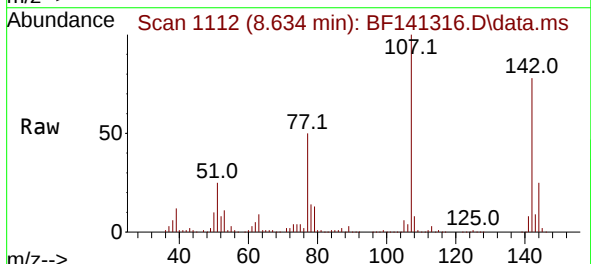
Manual Integrations
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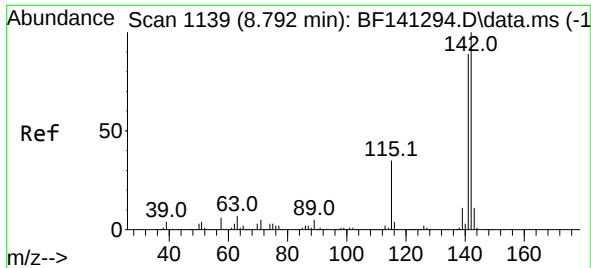
Reviewed By :Jagrut Upadhyay 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025



#36
 4-Chloro-3-methylphenol
 Concen: 39.912 ng
 RT: 8.634 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141316.D
 Acq: 30 Jan 2025 16:30

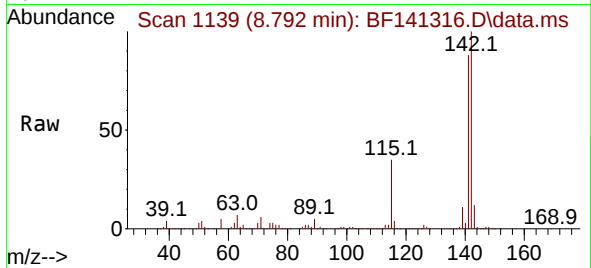
Tgt Ion:107 Resp: 414671
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.7 31.1
 142 78.1 63.8 95.8





#37
2-Methylnaphthalene
Concen: 37.374 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

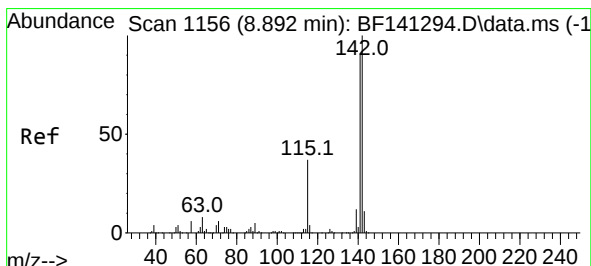
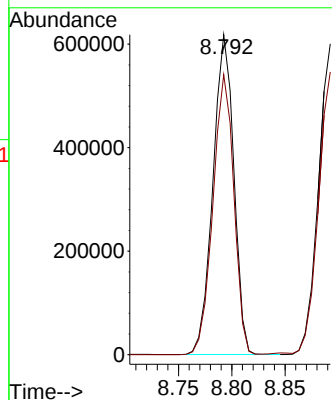
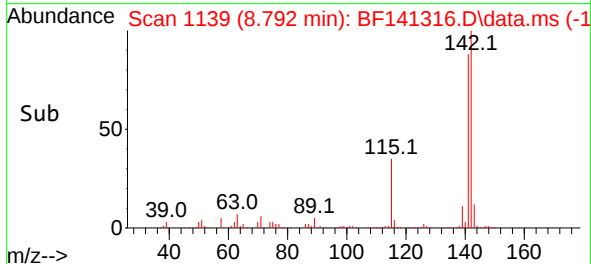
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



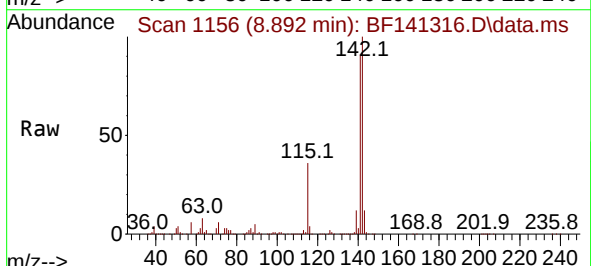
Tgt Ion:142 Resp: 841360
Ion Ratio Lower Upper
142 100
141 87.5 71.3 106.9

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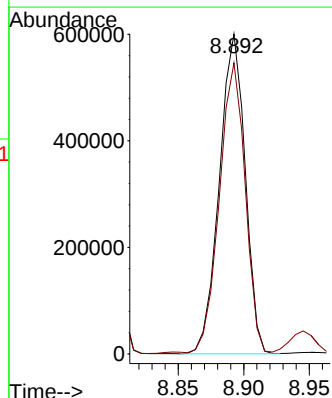
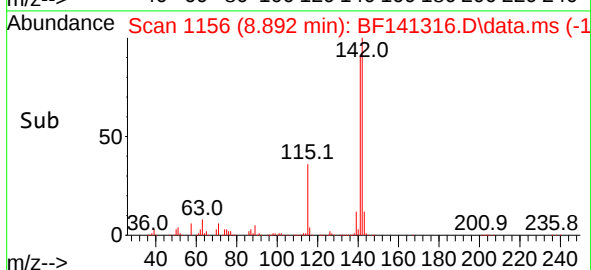
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

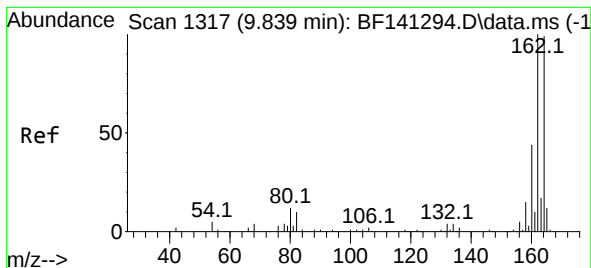


#38
1-Methylnaphthalene
Concen: 37.106 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30



Tgt Ion:142 Resp: 820539
Ion Ratio Lower Upper
142 100
141 91.0 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF141316.D

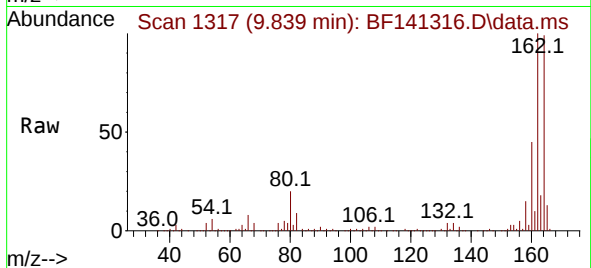
Acq: 30 Jan 2025 16:30

Instrument :

BNA_F

ClientSampleId :

WC-5MSD



Tgt Ion:164 Resp: 356498

Ion Ratio Lower Upper

164 100

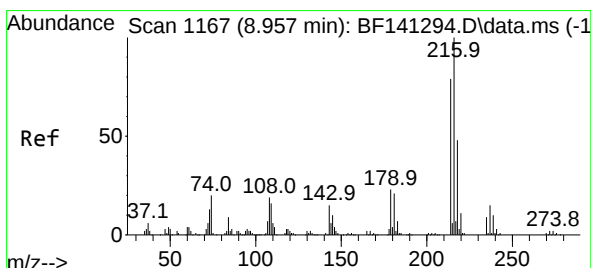
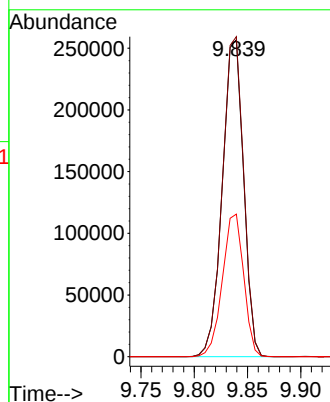
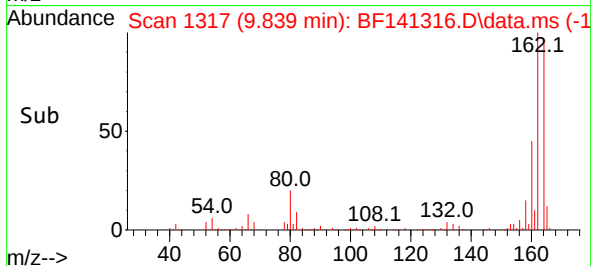
162 101.0 80.6 121.0

160 45.0 35.8 53.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.890 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF141316.D

Acq: 30 Jan 2025 16:30

Tgt Ion:216 Resp: 424850

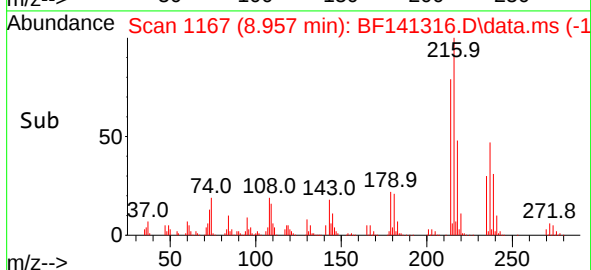
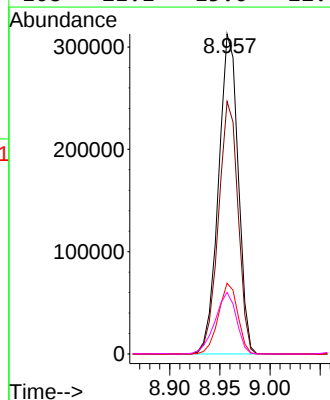
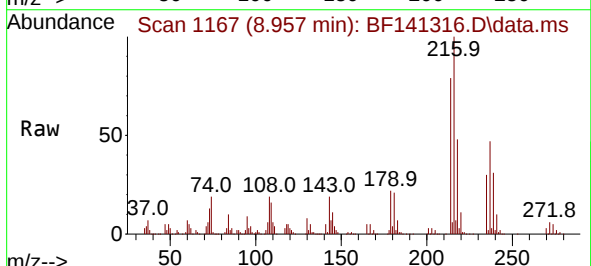
Ion Ratio Lower Upper

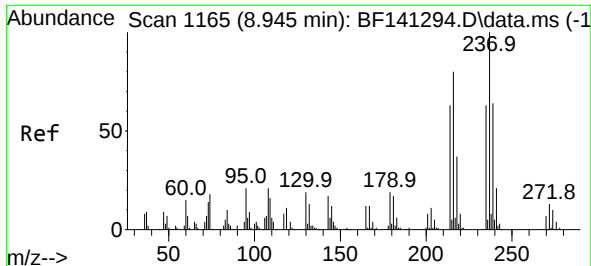
216 100

214 78.6 63.2 94.8

179 21.8 17.8 26.8

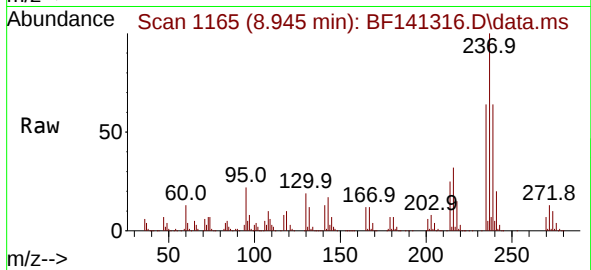
108 21.1 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 155.127 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

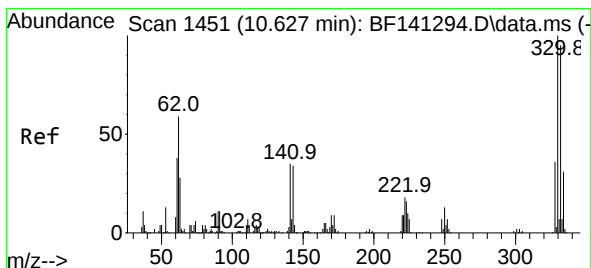
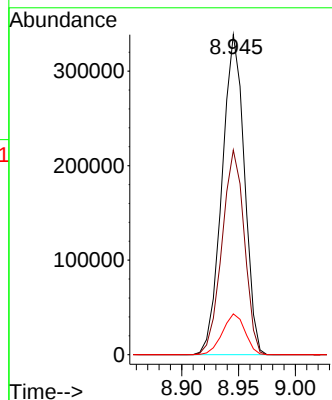
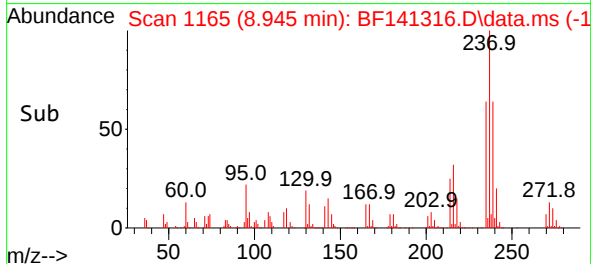
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



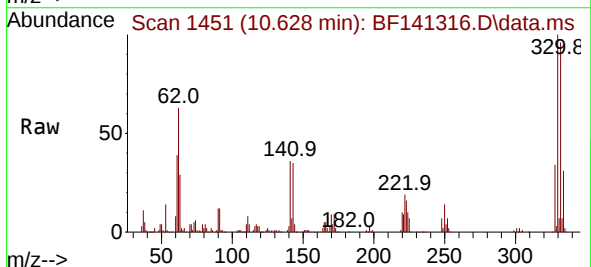
Tgt Ion:237 Resp: 464638
Ion Ratio Lower Upper
237 100
235 63.9 42.9 82.9
272 12.7 0.0 32.8

Manual Integrations
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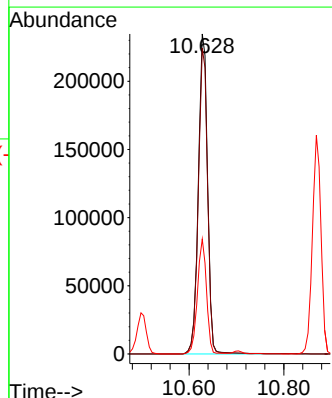
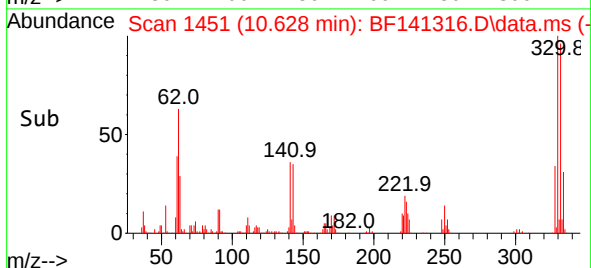
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

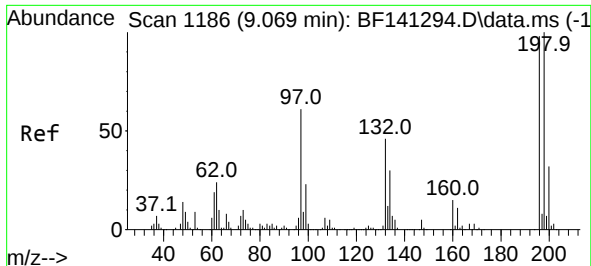


#42
2,4,6-Tribromophenol
Concen: 97.407 ng
RT: 10.628 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30



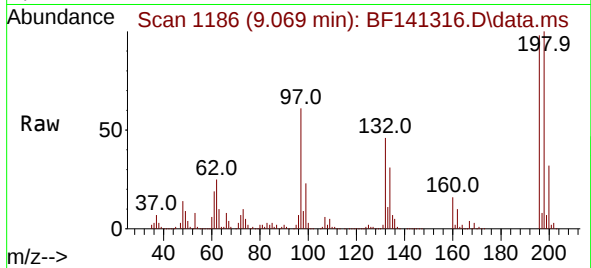
Tgt Ion:330 Resp: 318353
Ion Ratio Lower Upper
330 100
332 95.8 76.1 114.1
141 35.2 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 42.381 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

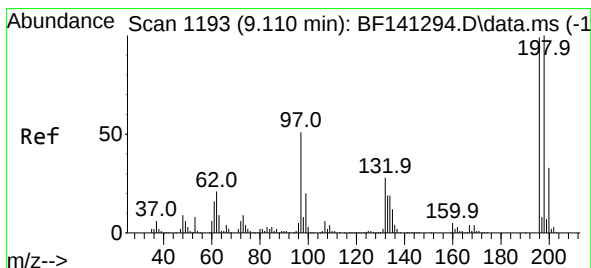
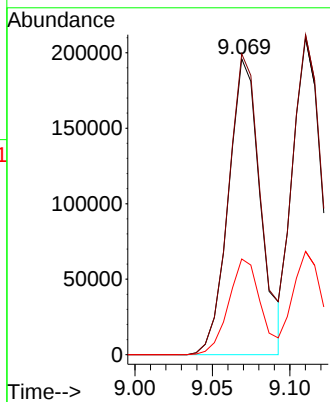
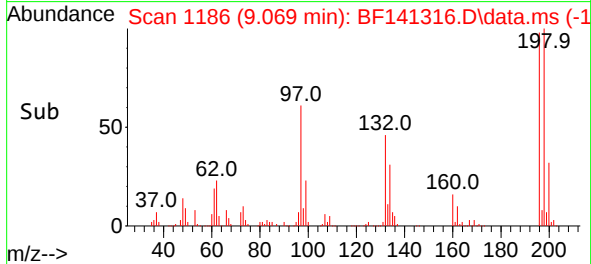
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



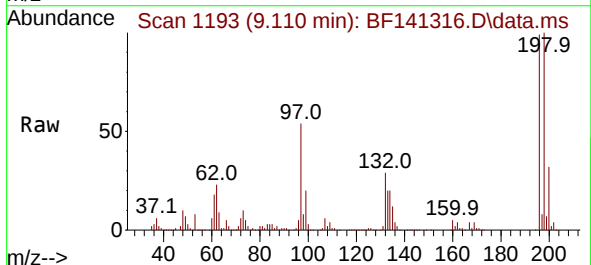
Tgt Ion:196 Resp: 281338
Ion Ratio Lower Upper
196 100
198 101.7 81.8 122.6
200 32.3 26.3 39.5

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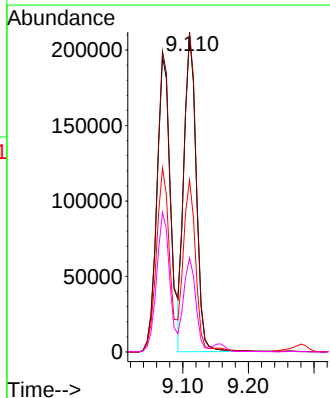
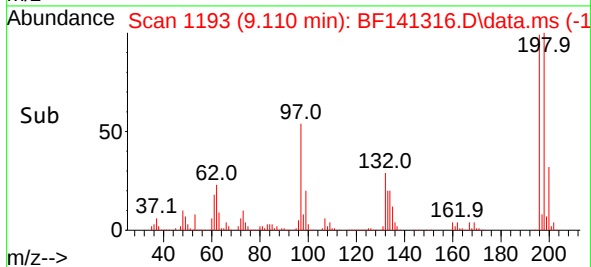
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

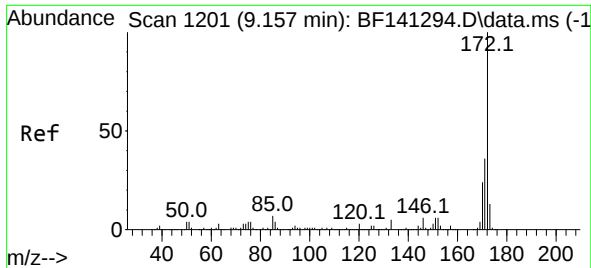


#44
2,4,5-Trichlorophenol
Concen: 37.799 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30



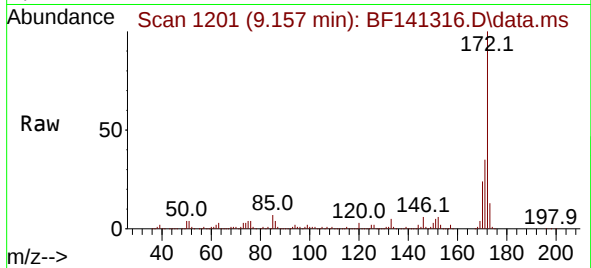
Tgt Ion:196 Resp: 273099
Ion Ratio Lower Upper
196 100
198 100.9 80.5 120.7
97 54.2 42.8 64.2
132 29.7 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 59.412 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

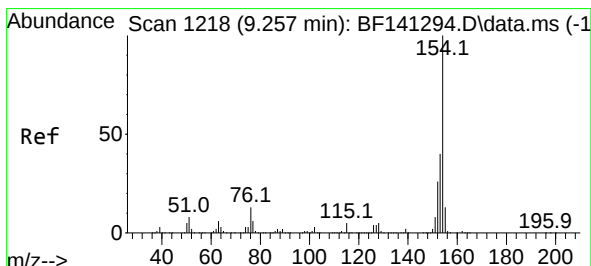
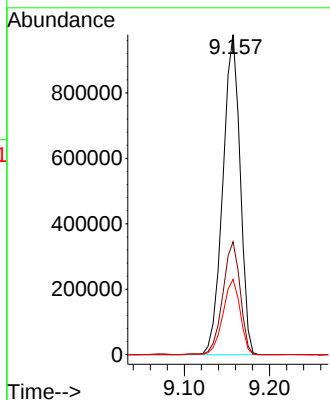
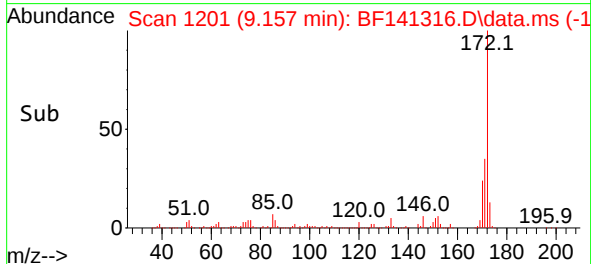
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



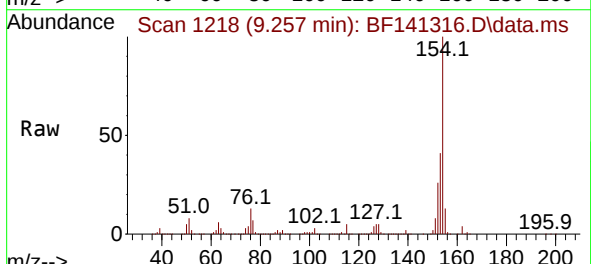
Tgt Ion:172 Resp: 1376060
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.5 19.0 28.6

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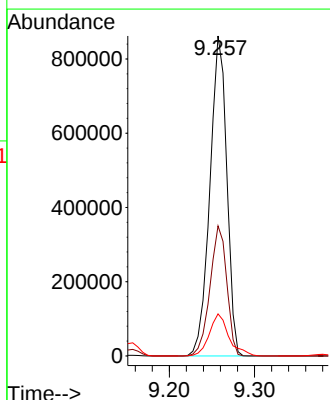
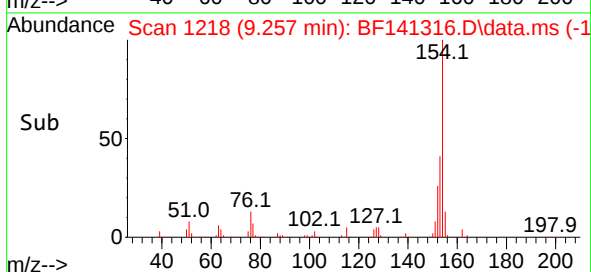
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

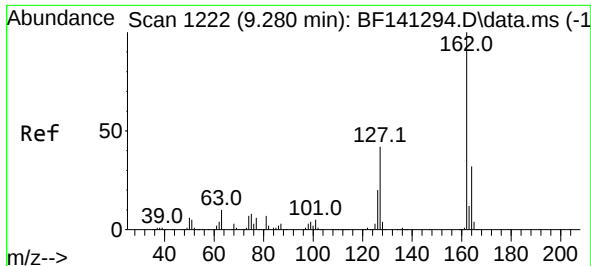


#46
1,1'-Biphenyl
Concen: 42.647 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30



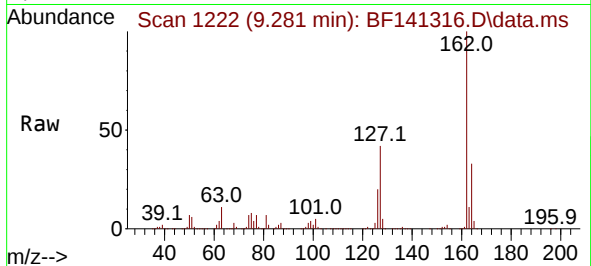
Tgt Ion:154 Resp: 1185688
Ion Ratio Lower Upper
154 100
153 40.7 20.0 60.0
76 13.1 0.0 32.8





#47
2-Chloronaphthalene
Concen: 37.403 ng
RT: 9.281 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

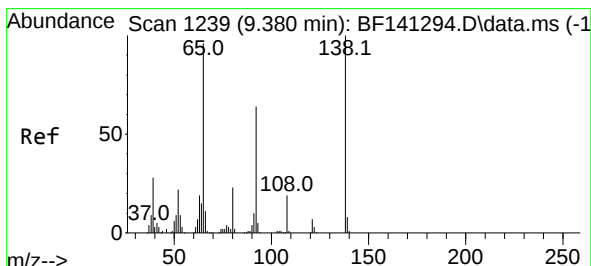
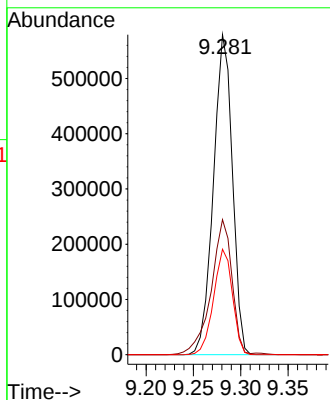
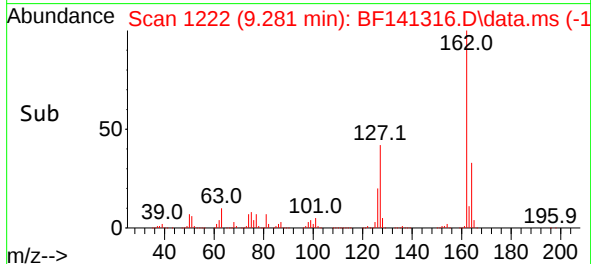
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:162 Resp: 810540
Ion Ratio Lower Upper
162 100
127 42.2 33.7 50.5
164 32.9 25.9 38.9

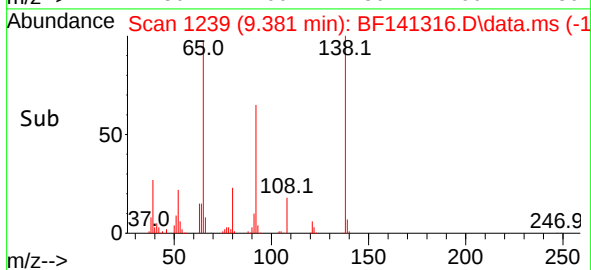
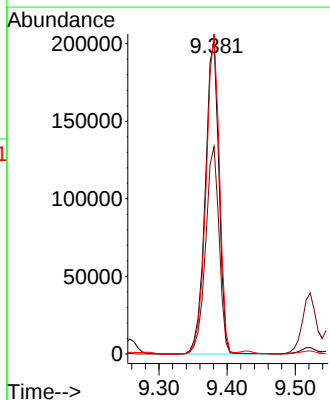
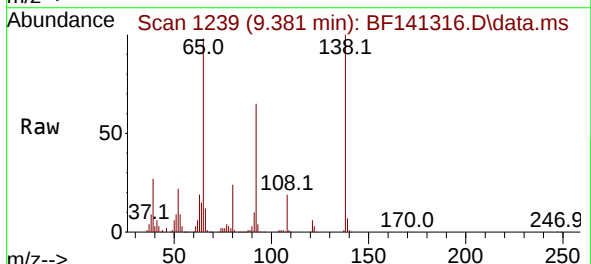
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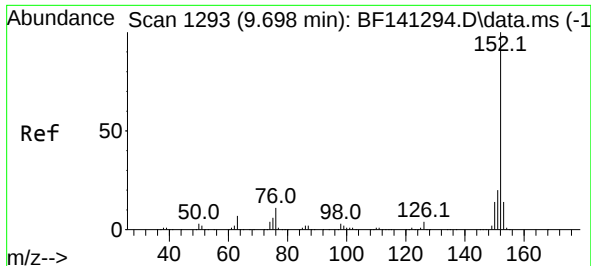
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#48
2-Nitroaniline
Concen: 41.434 ng
RT: 9.381 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

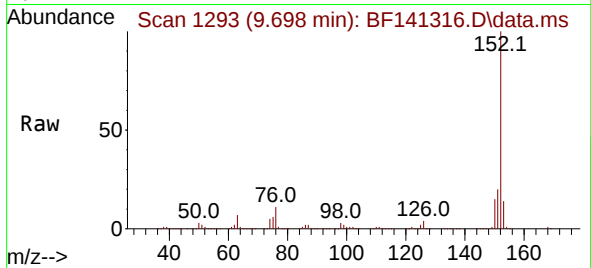
Tgt Ion: 65 Resp: 282428
Ion Ratio Lower Upper
65 100
92 66.4 53.3 79.9
138 102.4 83.6 125.4





#49
Acenaphthylene
Concen: 41.496 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

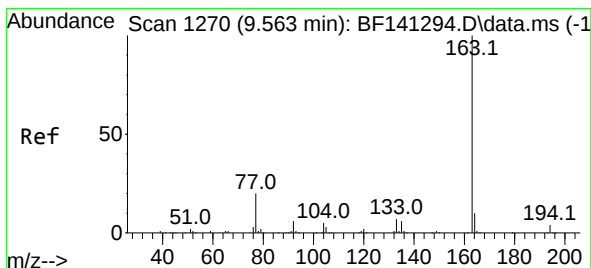
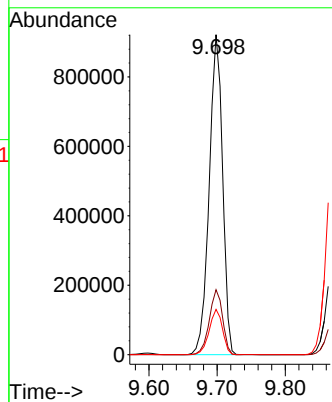
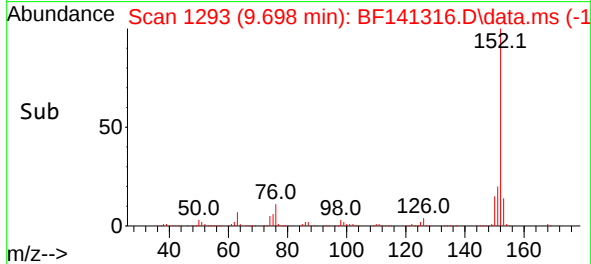
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



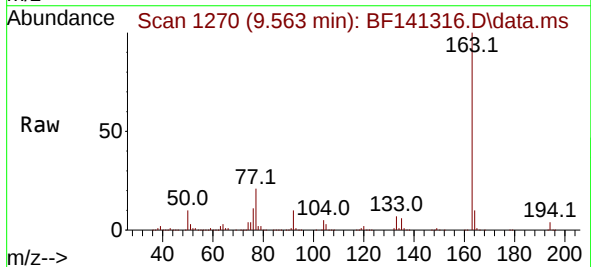
Tgt Ion:152 Resp: 125878
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 14.1 11.0 16.6

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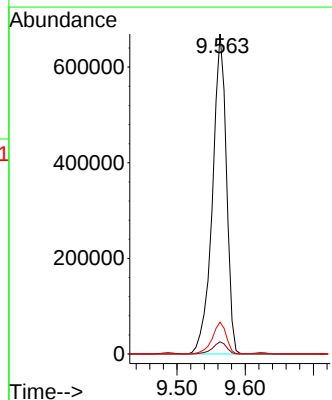
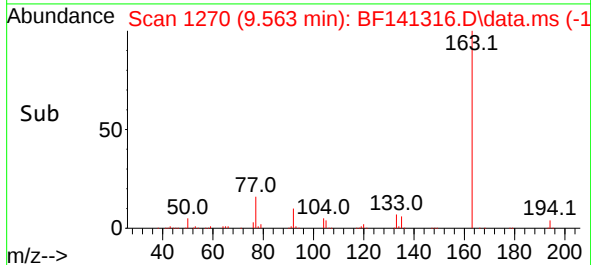
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

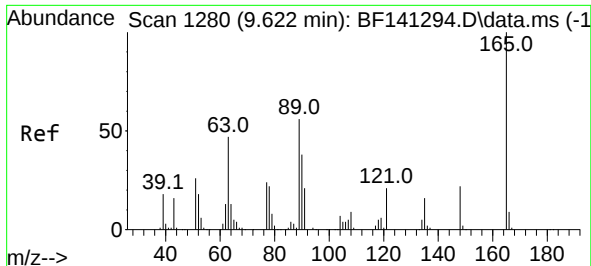


#50
Dimethylphthalate
Concen: 39.592 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30



Tgt Ion:163 Resp: 953297
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.9 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 37.868 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.006 min

Lab File: BF141316.D

Acq: 30 Jan 2025 16:30

Instrument :

BNA_F

ClientSampleId :

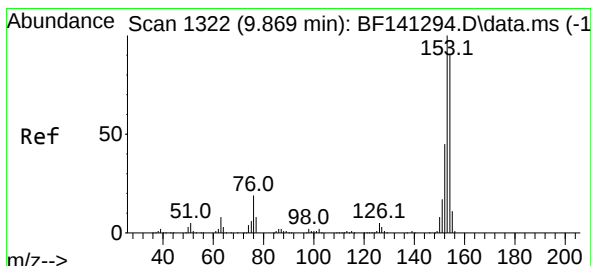
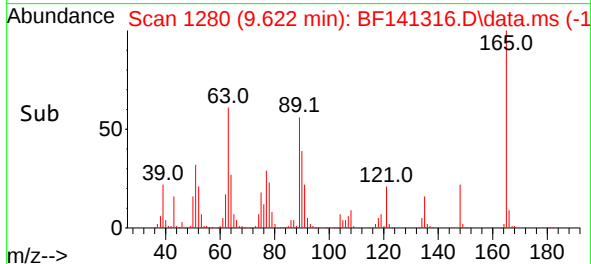
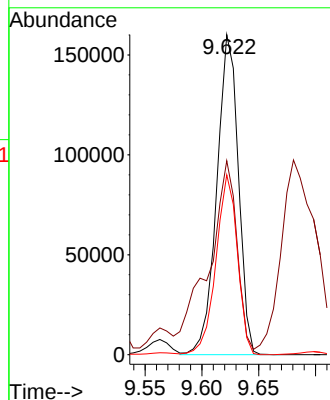
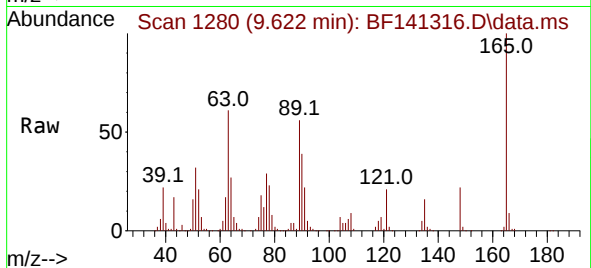
WC-5MSD

Tgt Ion:165	Resp: 21170
Ion Ratio	Lower Upper
165 100	
63 60.6	48.1 72.1
89 56.2	44.9 67.3

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Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#52

Acenaphthene

Concen: 43.164 ng

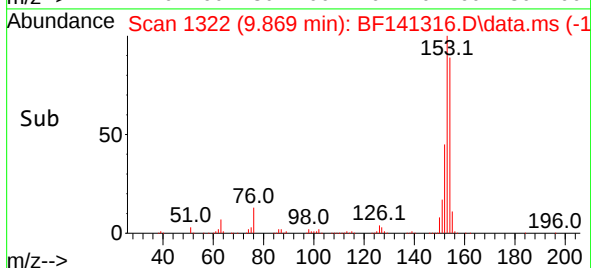
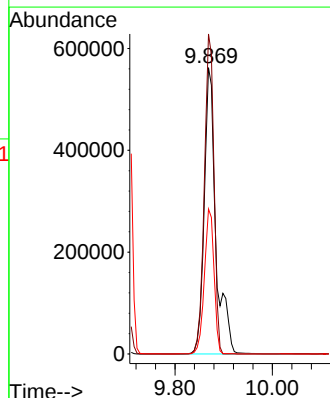
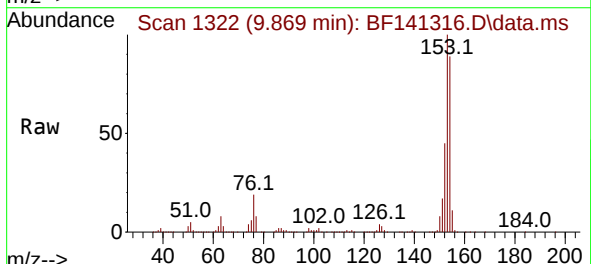
RT: 9.869 min Scan# 1322

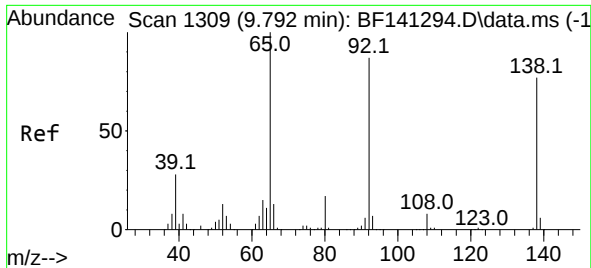
Delta R.T. -0.006 min

Lab File: BF141316.D

Acq: 30 Jan 2025 16:30

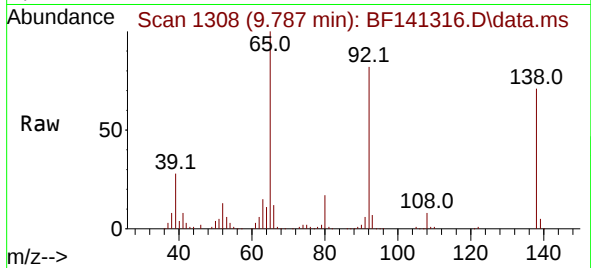
Tgt Ion:154	Resp: 935411
Ion Ratio	Lower Upper
154 100	
153 111.8	89.0 133.4
152 50.7	40.2 60.4





#53
3-Nitroaniline
Concen: 18.193 ng
RT: 9.787 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

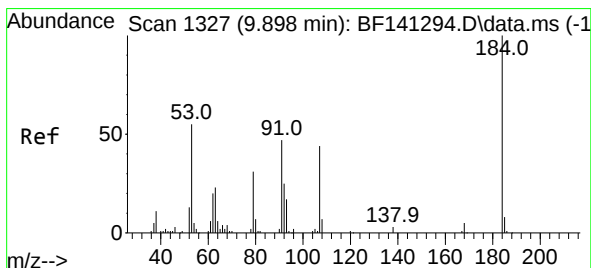
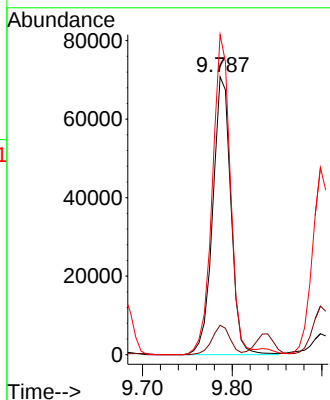
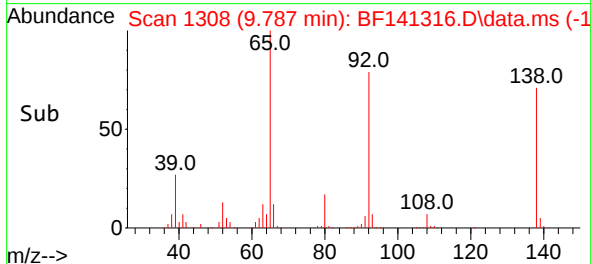
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:138 Resp: 99680
Ion Ratio Lower Upper
138 100
108 10.6 8.6 12.8
92 115.1 91.0 136.6

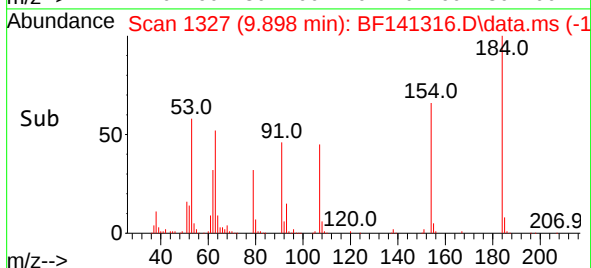
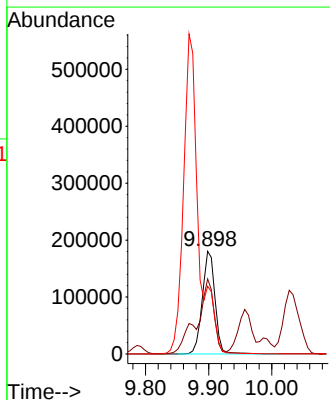
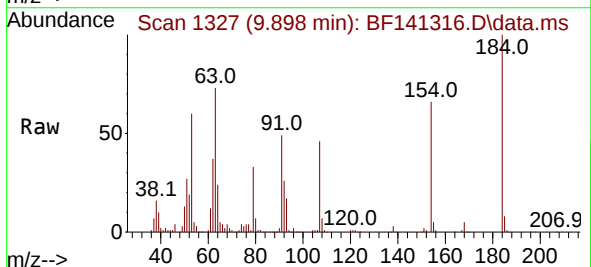
Manual Integrations
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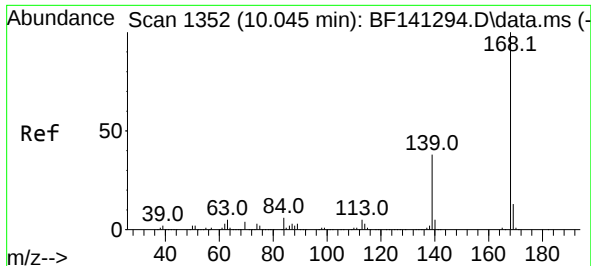
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#54
2,4-Dinitrophenol
Concen: 97.477 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

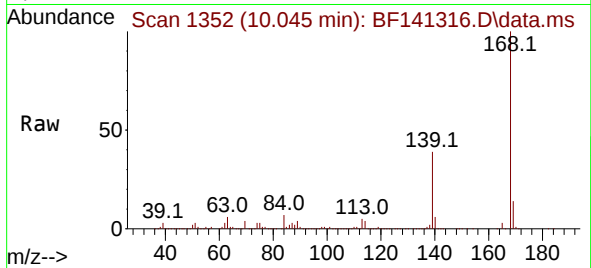
Tgt Ion:184 Resp: 253324
Ion Ratio Lower Upper
184 100
63 72.9 54.1 81.1
154 65.9 50.7 76.1





#55
Dibenzenofuran
Concen: 38.315 ng
RT: 10.045 min Scan# 111145
Delta R.T. 0.000 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

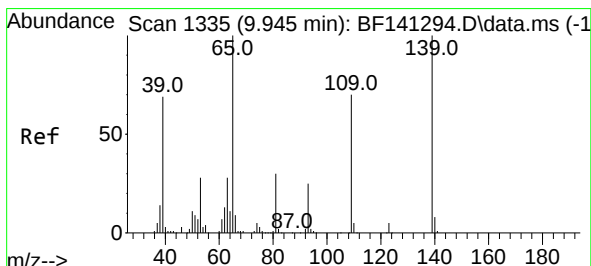
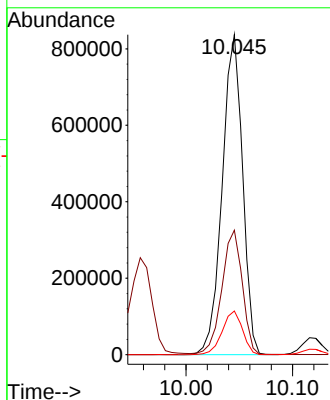
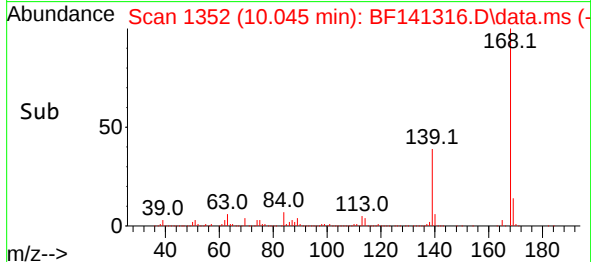
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:168 Resp: 111145
Ion Ratio Lower Upper
168 100
139 38.9 30.6 46.0
169 13.6 10.8 16.2

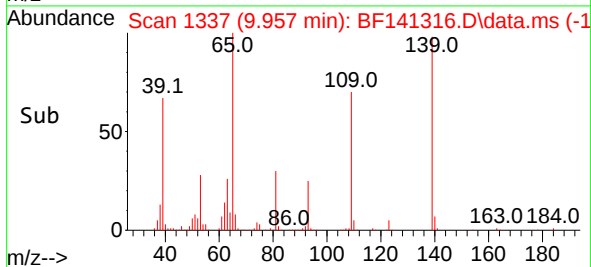
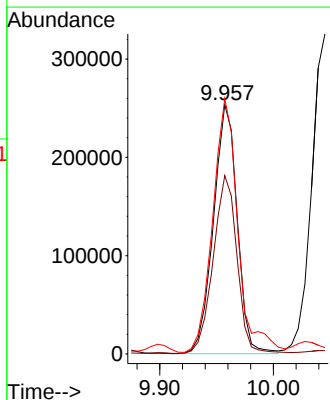
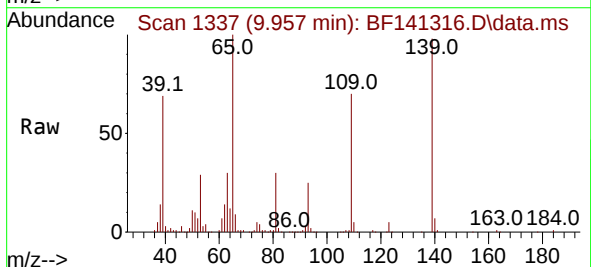
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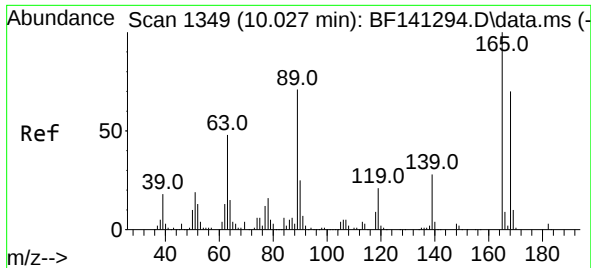
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#56
4-Nitrophenol
Concen: 91.830 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

Tgt Ion:139 Resp: 367987
Ion Ratio Lower Upper
139 100
109 71.5 50.2 90.2
65 102.4 80.6 120.6





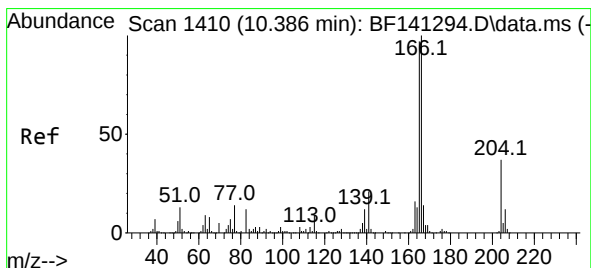
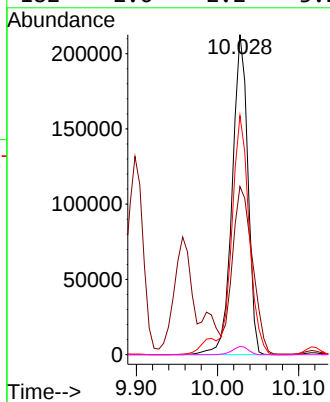
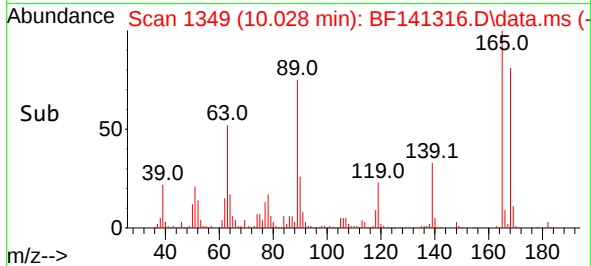
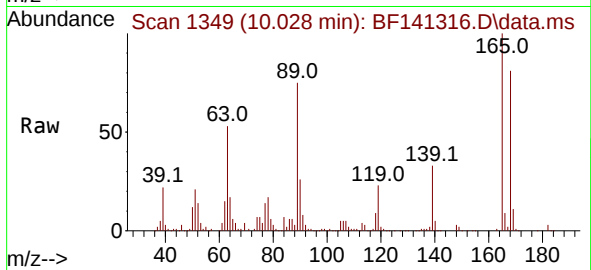
#57
2,4-Dinitrotoluene
Concen: 39.344 ng
RT: 10.028 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

Instrument :
BNA_F
ClientSampleId :
WC-5MSD

Tgt Ion:165 Resp: 284780
Ion Ratio Lower Upper
165 100
63 52.6 39.2 58.8
89 74.7 56.9 85.3
182 2.6 2.2 3.2

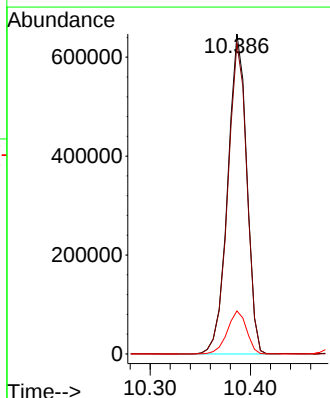
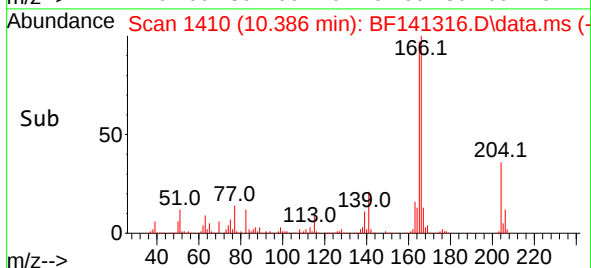
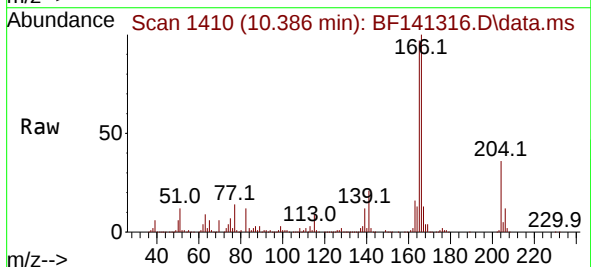
Manual Integrations
APPROVED

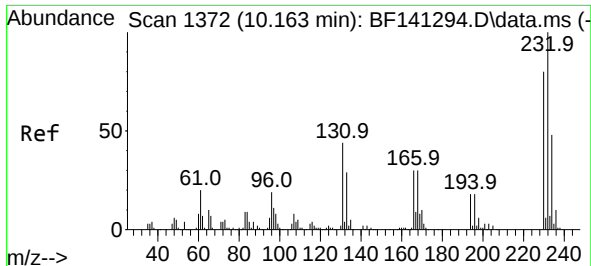
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#58
Fluorene
Concen: 37.866 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

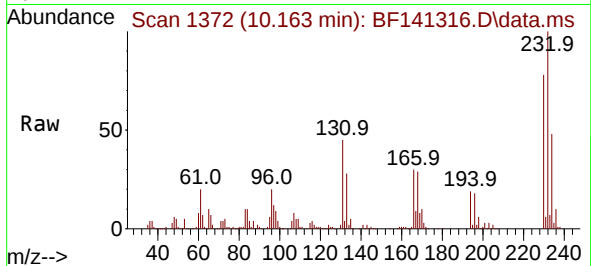
Tgt Ion:166 Resp: 852028
Ion Ratio Lower Upper
166 100
165 97.1 77.5 116.3
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.085 ng
RT: 10.163 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

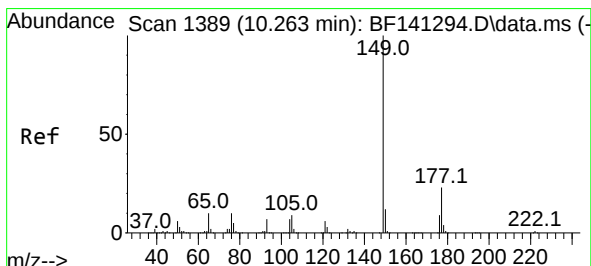
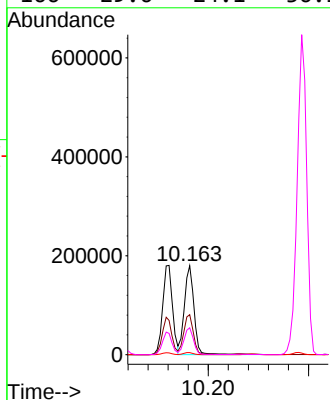
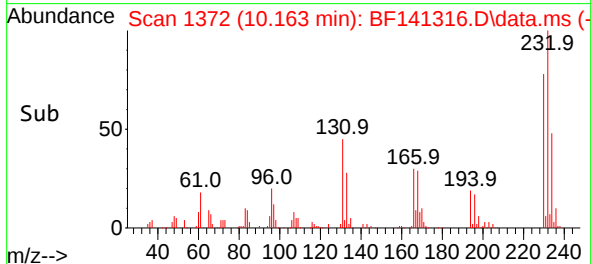
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



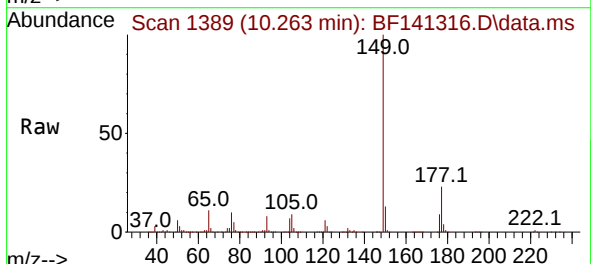
Tgt Ion:232 Resp: 23921
Ion Ratio Lower Upper
232 100
131 45.1 36.4 54.6
130 2.4 1.9 2.9
166 29.6 24.1 36.1

Manual Integrations
APPROVED

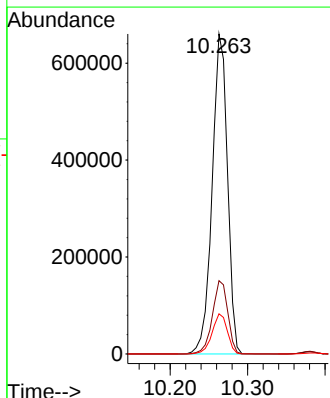
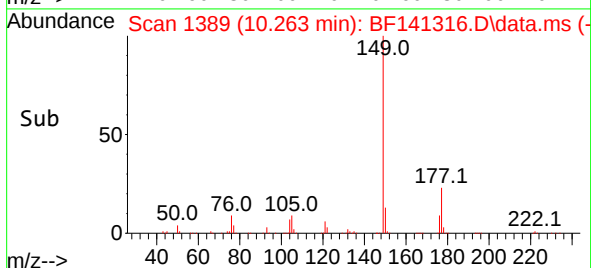
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

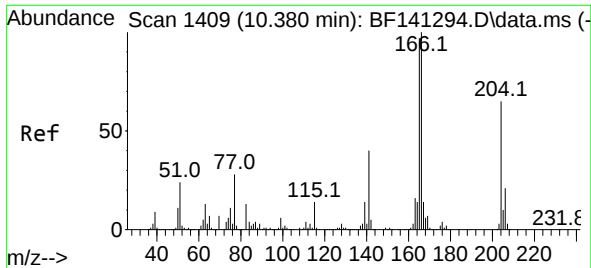


#60
Diethylphthalate
Concen: 38.786 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30



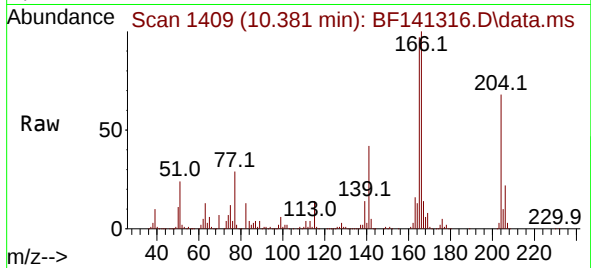
Tgt Ion:149 Resp: 905511
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 37.514 ng
RT: 10.381 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

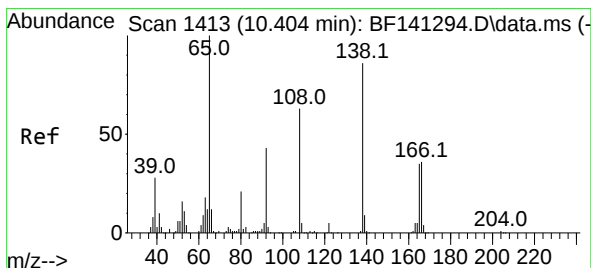
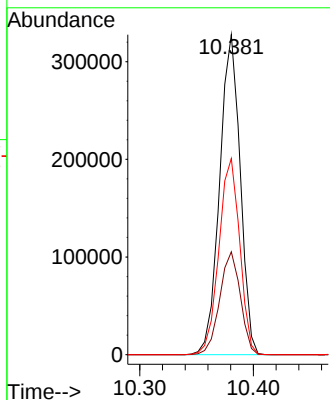
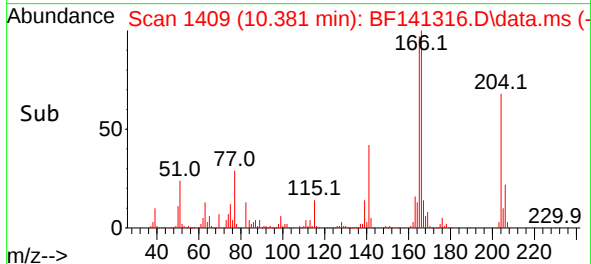
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



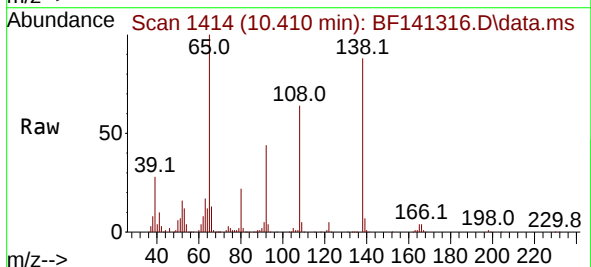
Tgt Ion:204 Resp: 412318
Ion Ratio Lower Upper
204 100
206 32.1 25.9 38.9
141 61.3 49.5 74.3

Manual Integrations
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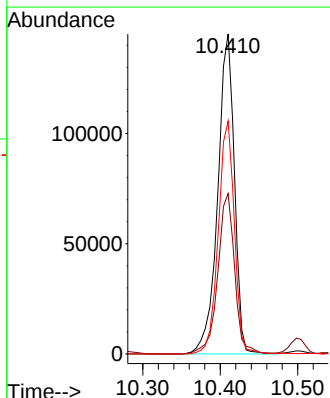
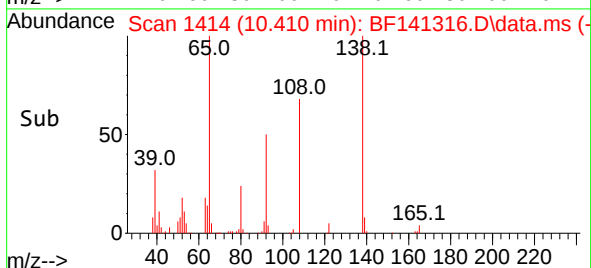
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

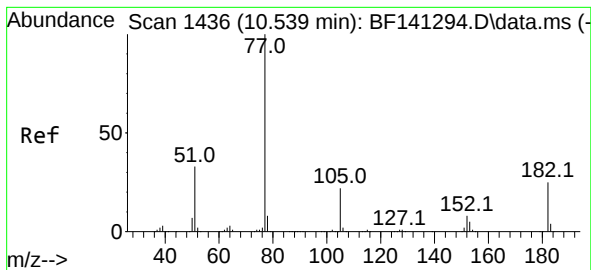


#62
4-Nitroaniline
Concen: 40.302 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30



Tgt Ion:138 Resp: 217106
Ion Ratio Lower Upper
138 100
92 50.2 30.1 70.1
108 72.8 53.1 93.1





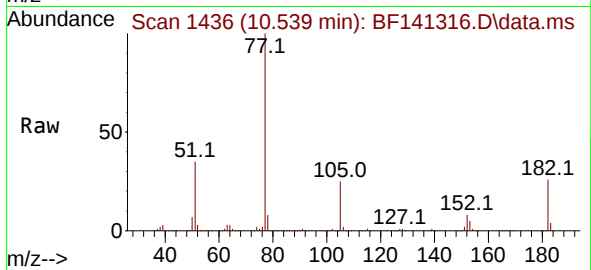
#63
Azobenzene
Concen: 45.030 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

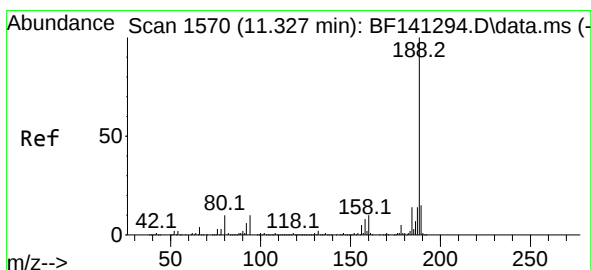
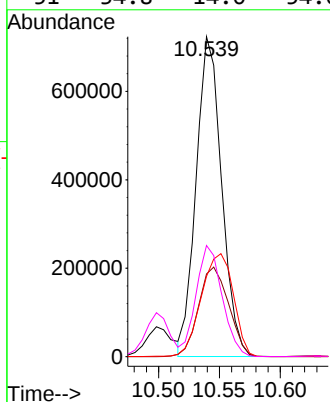
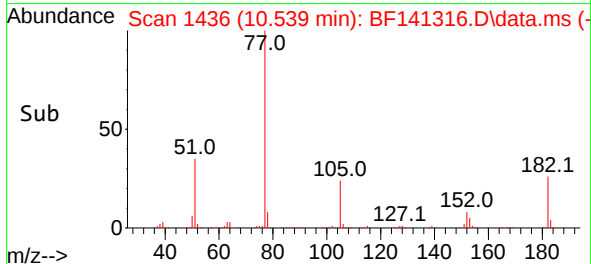


Tgt Ion: 77 Resp: 1052294
Ion Ratio Lower Upper
77 100
182 25.9 5.1 45.1
105 25.1 1.8 41.8
51 34.8 14.0 54.0

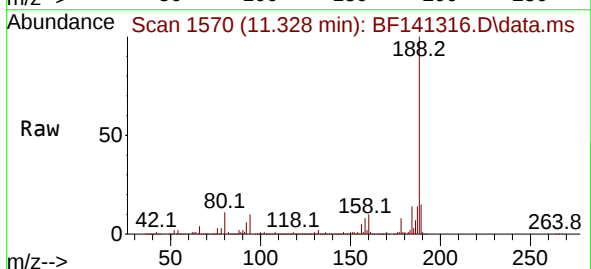
Manual Integrations

APPROVED

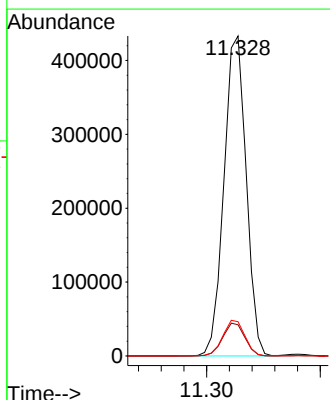
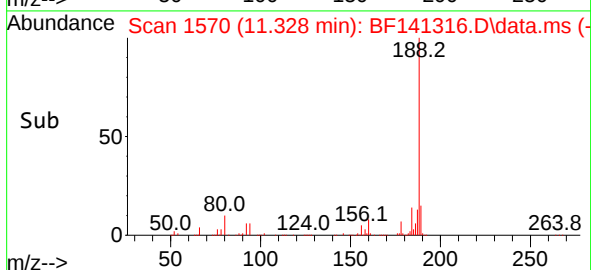
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

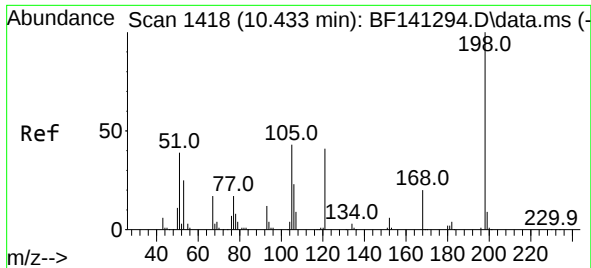


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30



Tgt Ion:188 Resp: 588680
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 10.7 8.2 12.4





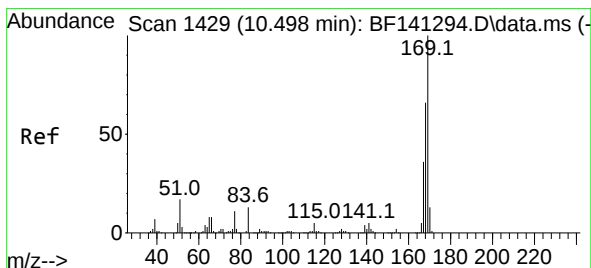
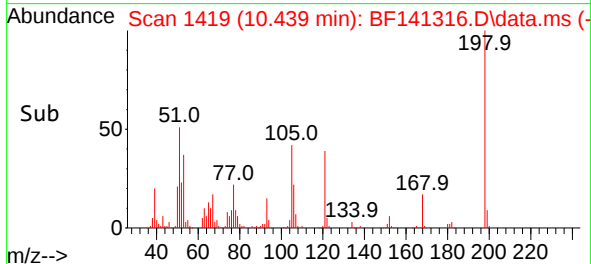
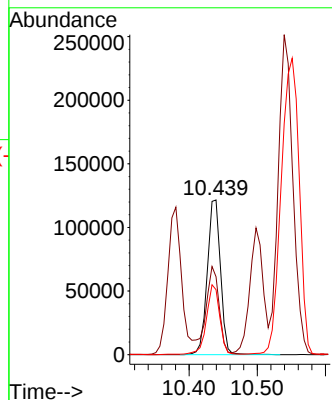
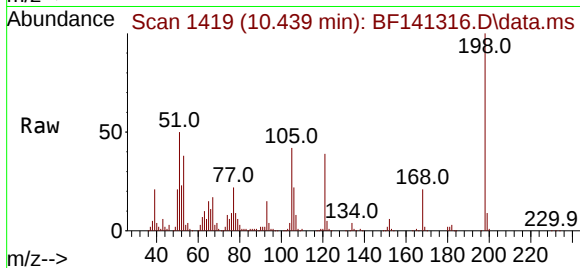
#65
4,6-Dinitro-2-methylphenol
Concen: 47.088 ng
RT: 10.439 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

Instrument :
BNA_F
ClientSampleId :
WC-5MSD

Tgt Ion:198 Resp: 163961
Ion Ratio Lower Upper
198 100
51 50.4 33.4 73.4
105 42.0 24.4 64.4

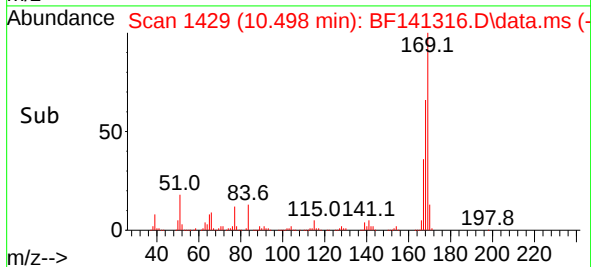
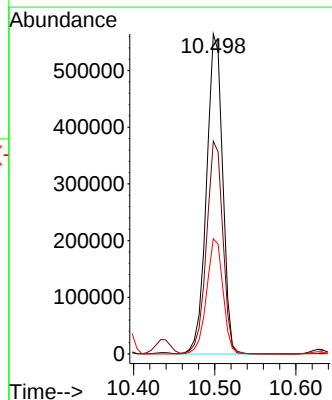
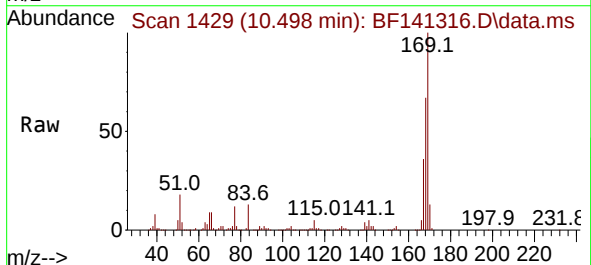
Manual Integrations
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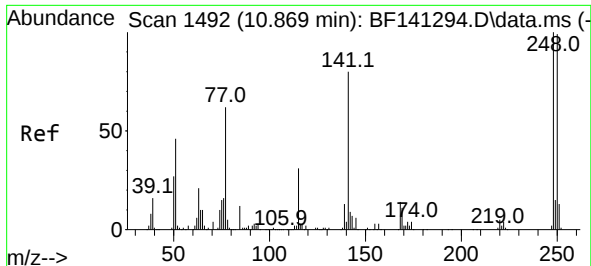
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#66
n-Nitrosodiphenylamine
Concen: 40.641 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

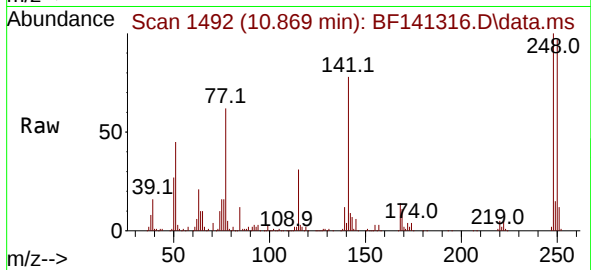
Tgt Ion:169 Resp: 773802
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.4
167 36.0 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 40.435 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

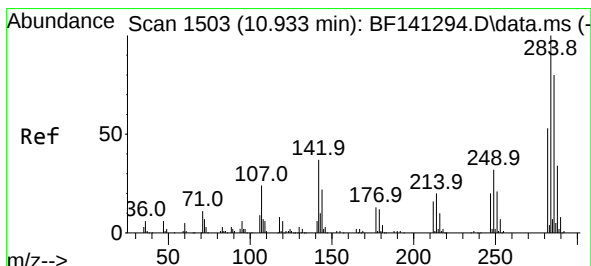
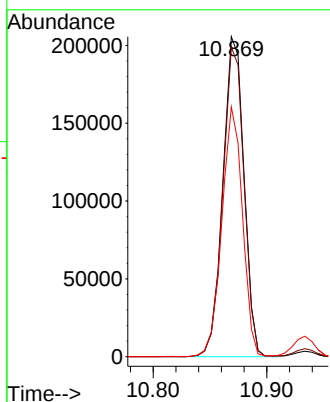
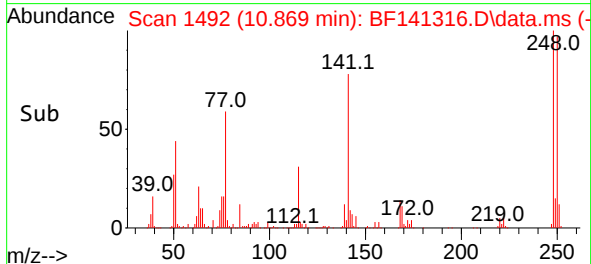
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



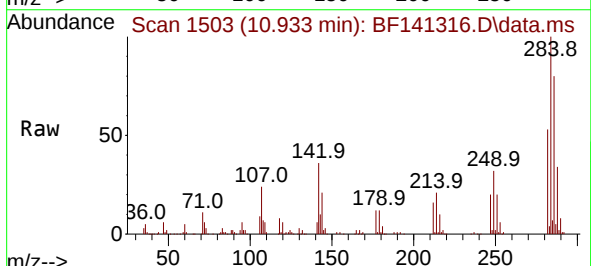
Tgt Ion:248 Resp: 266484
Ion Ratio Lower Upper
248 100
250 96.7 79.0 118.4
141 78.0 63.7 95.5

Manual Integrations
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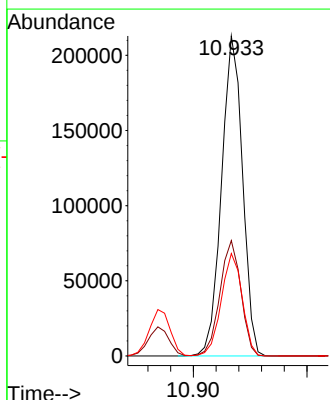
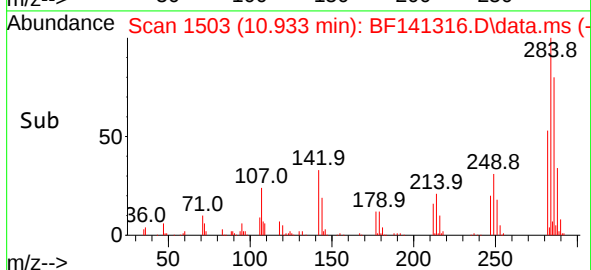
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

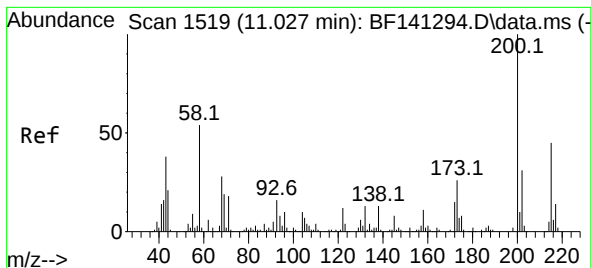


#68
Hexachlorobenzene
Concen: 39.099 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30



Tgt Ion:284 Resp: 273333
Ion Ratio Lower Upper
284 100
142 36.0 29.5 44.3
249 32.0 25.4 38.2





#69

Atrazine

Concen: 44.182 ng

RT: 11.028 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF141316.D

Acq: 30 Jan 2025 16:30

Instrument :

BNA_F

ClientSampleId :

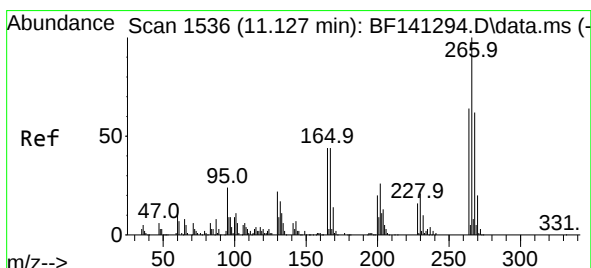
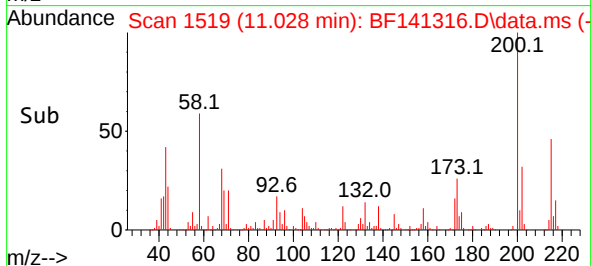
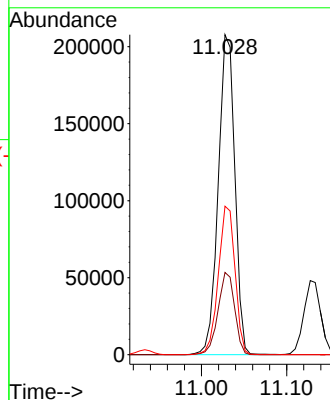
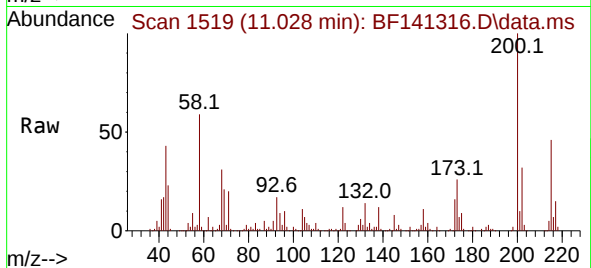
WC-5MSD

Tgt Ion:200 Resp: 281264
 Ion Ratio Lower Upper
 200 100
 173 25.7 5.9 45.9
 215 46.4 25.2 65.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025



#70

Pentachlorophenol

Concen: 84.595 ng

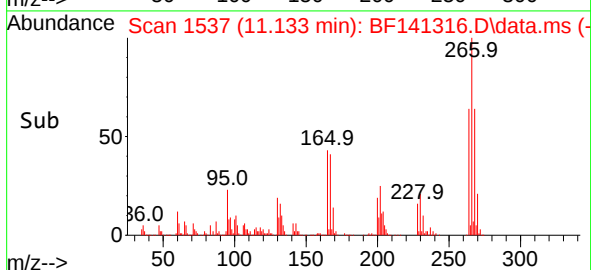
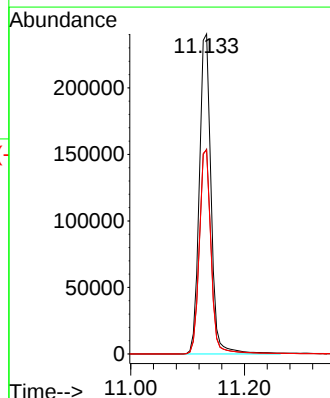
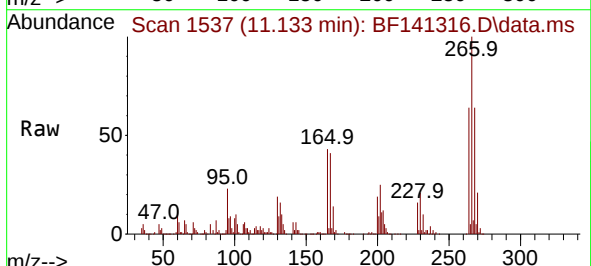
RT: 11.133 min Scan# 1537

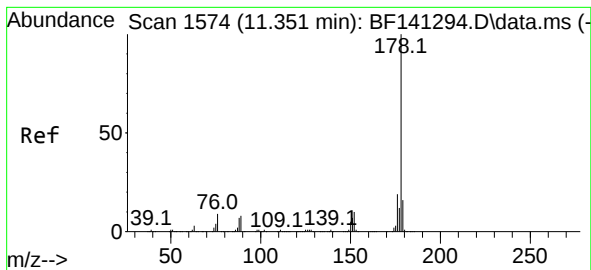
Delta R.T. 0.000 min

Lab File: BF141316.D

Acq: 30 Jan 2025 16:30

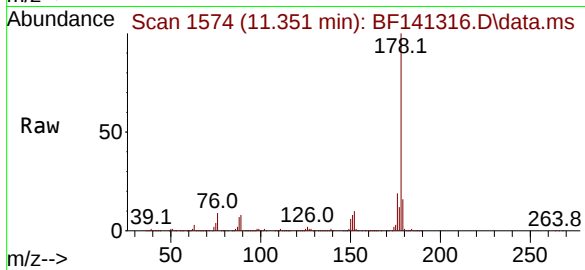
Tgt Ion:266 Resp: 346307
 Ion Ratio Lower Upper
 266 100
 268 64.0 49.9 74.9
 264 63.7 51.0 76.4





#71
Phenanthrene
Concen: 40.190 ng
RT: 11.351 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

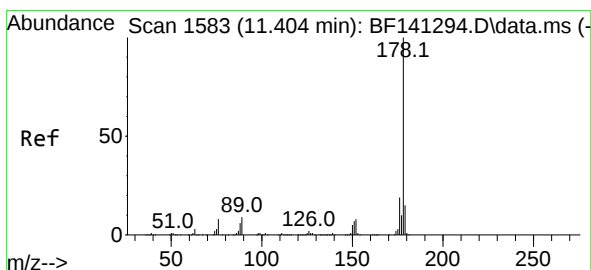
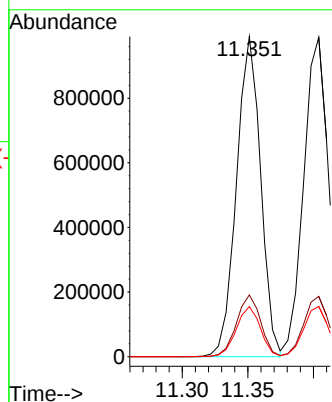
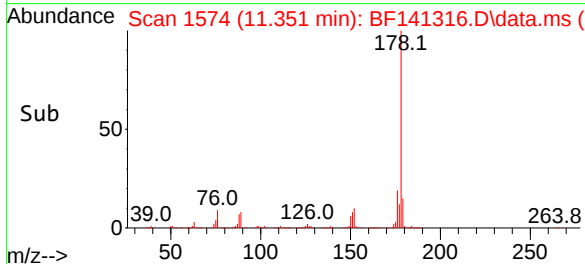
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:178 Resp: 127178
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.6 12.5 18.7

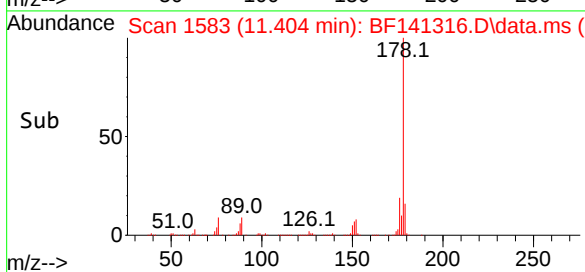
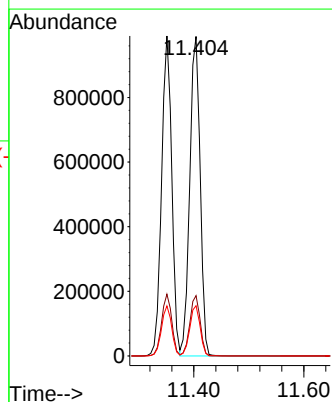
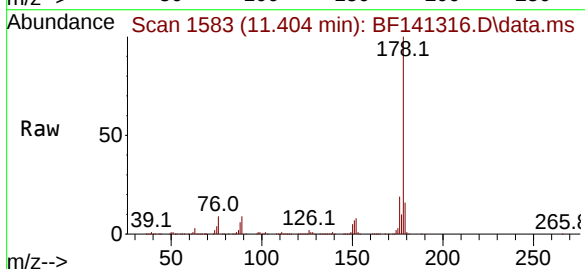
Manual Integrations
APPROVED

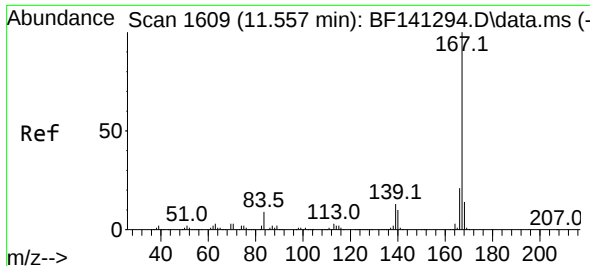
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#72
Anthracene
Concen: 41.770 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

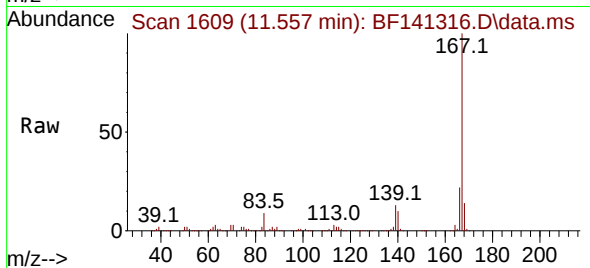
Tgt Ion:178 Resp: 1295098
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.7 12.3 18.5





#73
 Carbazole
 Concen: 40.995 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. 0.000 min
 Lab File: BF141316.D
 Acq: 30 Jan 2025 16:30

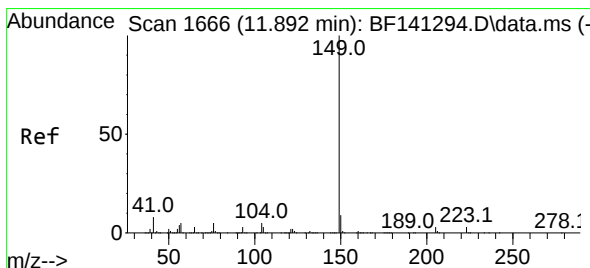
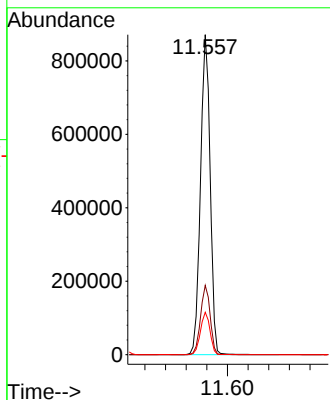
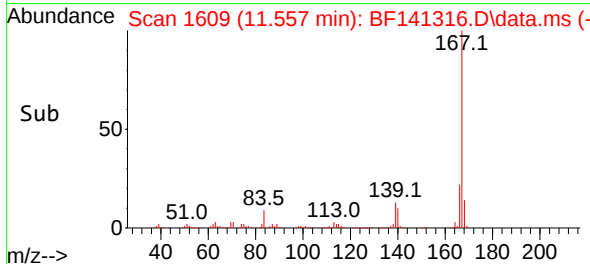
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MSD



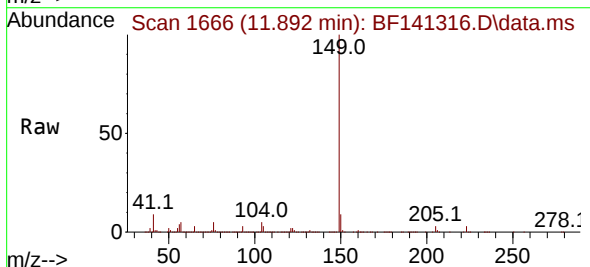
Tgt Ion:167 Resp: 1127089
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.3 10.6 16.0

Manual Integrations
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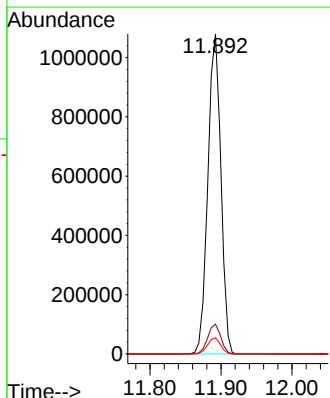
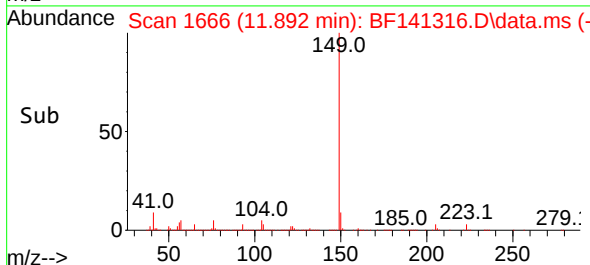
Reviewed By :Jagrut Upadhyay 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025

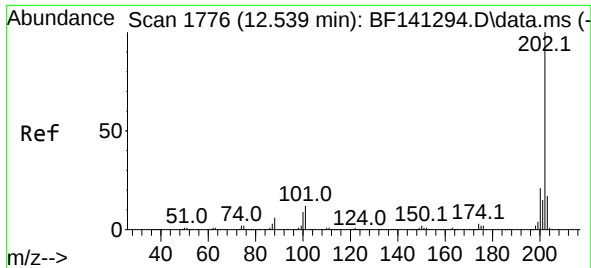


#74
 Di-n-butylphthalate
 Concen: 41.305 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141316.D
 Acq: 30 Jan 2025 16:30



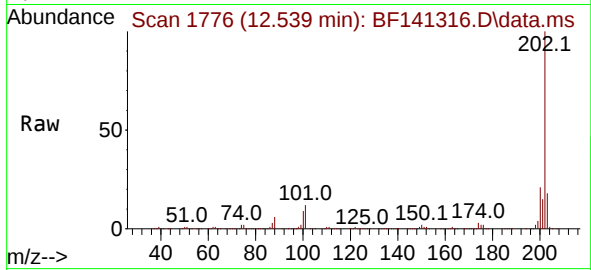
Tgt Ion:149 Resp: 1376232
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.0 3.9 5.9





#75
Fluoranthene
Concen: 40.106 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

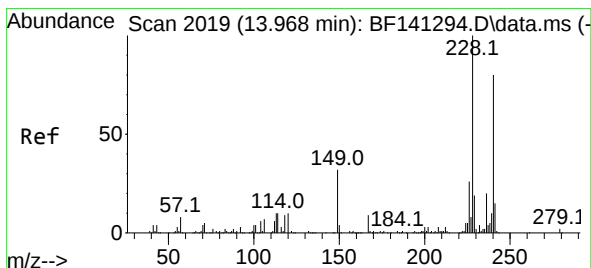
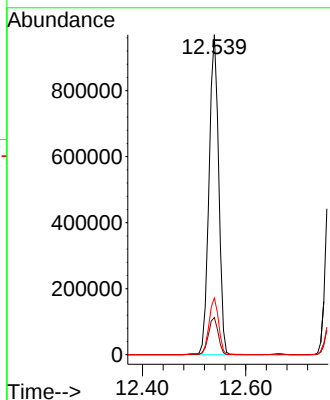
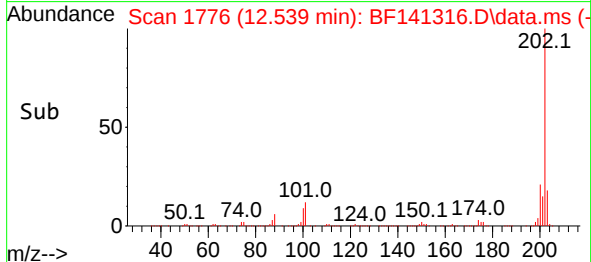
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



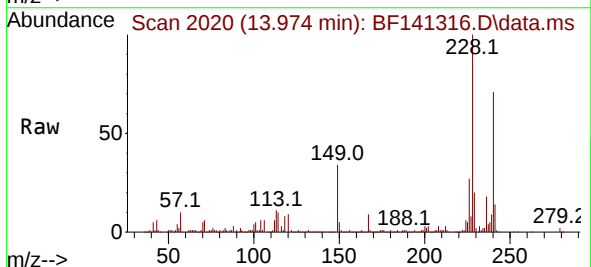
Tgt Ion:202 Resp: 125310
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.7
203 17.7 0.0 37.5

Manual Integrations
APPROVED

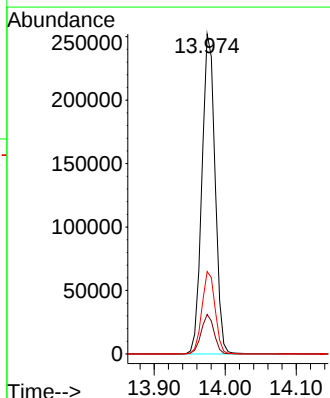
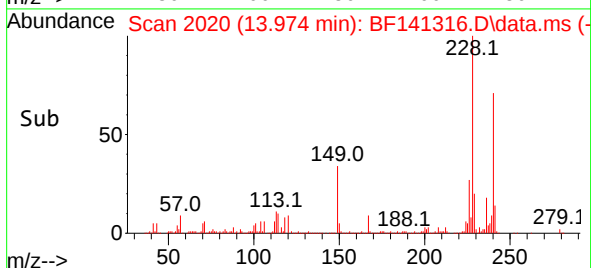
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

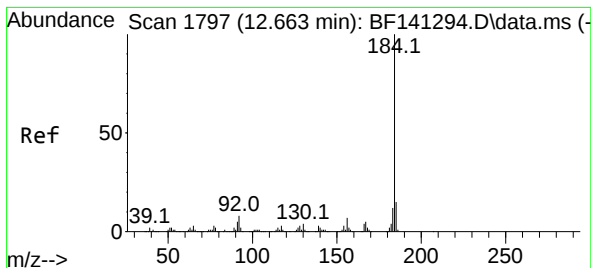


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30



Tgt Ion:240 Resp: 325949
Ion Ratio Lower Upper
240 100
120 12.4 10.0 15.0
236 25.7 19.7 29.5





#77

Benzidine

Concen: 55.997 ng

RT: 12.663 min Scan# 1797

Delta R.T. 0.000 min

Lab File: BF141316.D

Acq: 30 Jan 2025 16:30

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

Tgt Ion:184 Resp: 58513

Ion Ratio Lower Upper

184 100

185 14.5 11.9 17.9

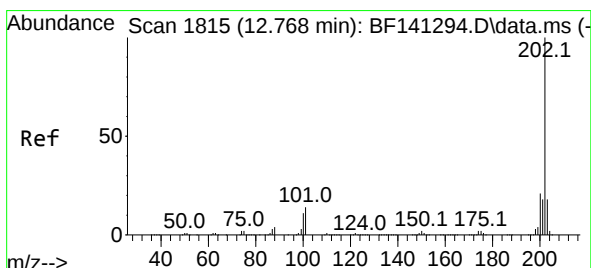
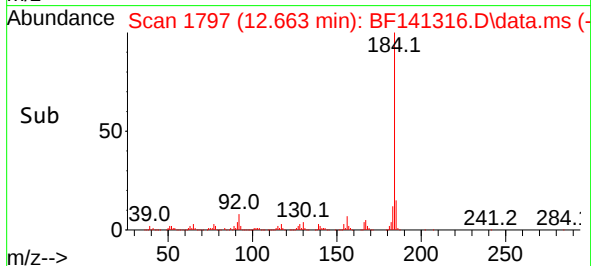
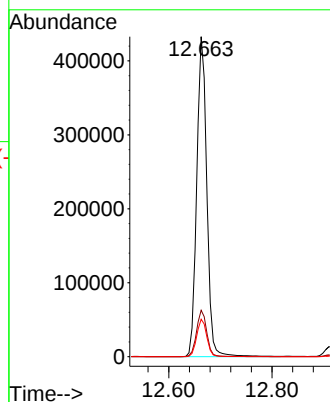
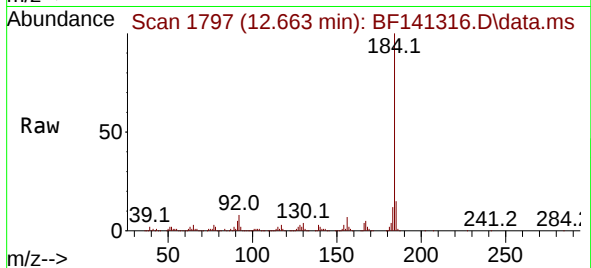
183 11.7 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025

Supervised By :mohammad ahmed 01/31/2025



#78

Pyrene

Concen: 39.658 ng

RT: 12.769 min Scan# 1815

Delta R.T. 0.000 min

Lab File: BF141316.D

Acq: 30 Jan 2025 16:30

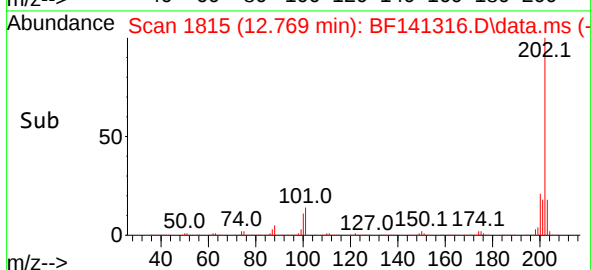
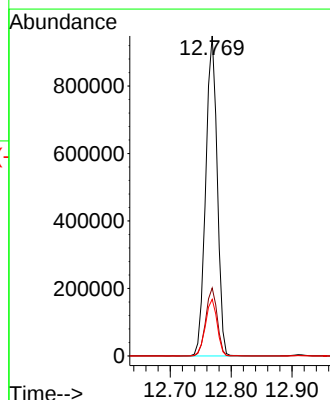
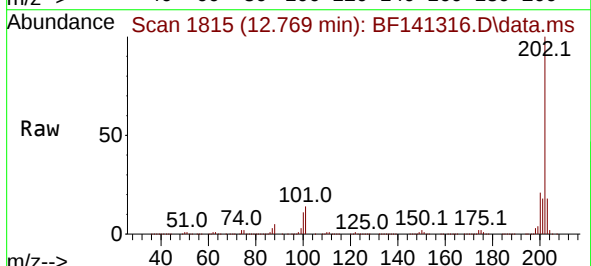
Tgt Ion:202 Resp: 1240831

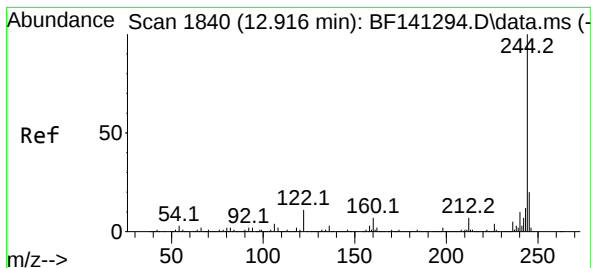
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 66.224 ng

RT: 12.910 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF141316.D

Acq: 30 Jan 2025 16:30

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

Tgt Ion:244 Resp: 139968

Ion Ratio Lower Upper

244 100

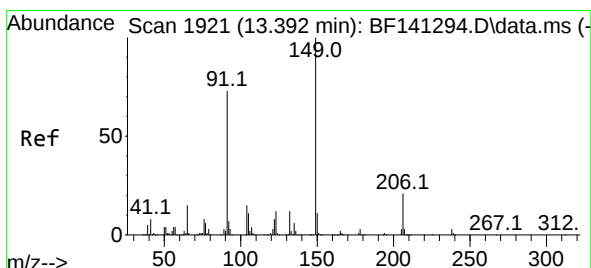
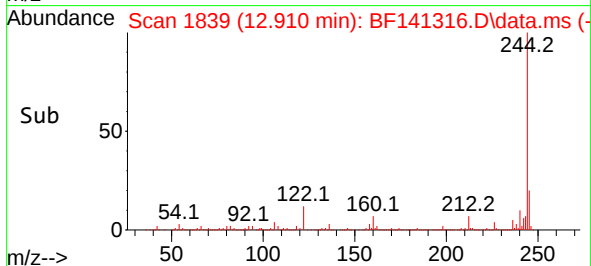
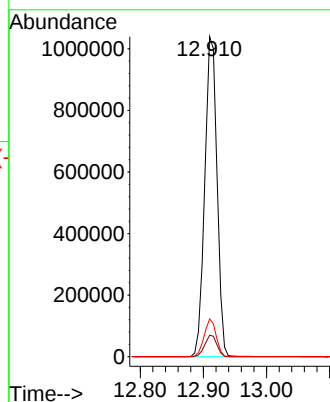
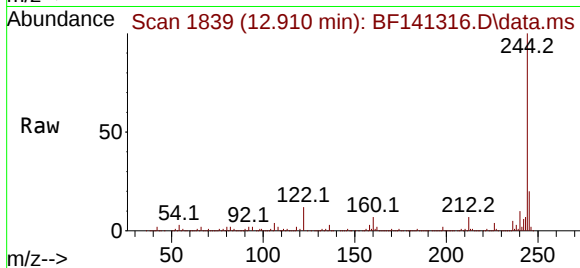
212 6.7 5.4 8.0

122 11.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#80

Butylbenzylphthalate

Concen: 46.313 ng

RT: 13.392 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BF141316.D

Acq: 30 Jan 2025 16:30

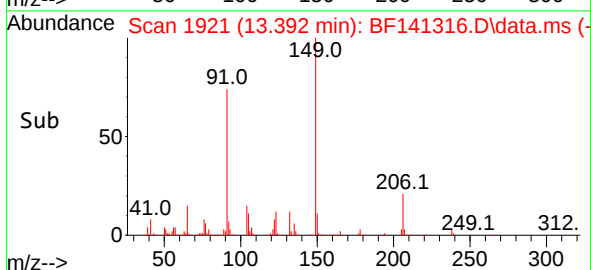
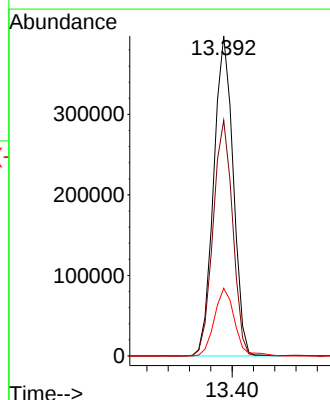
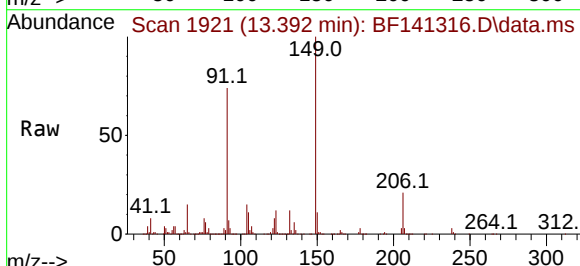
Tgt Ion:149 Resp: 506233

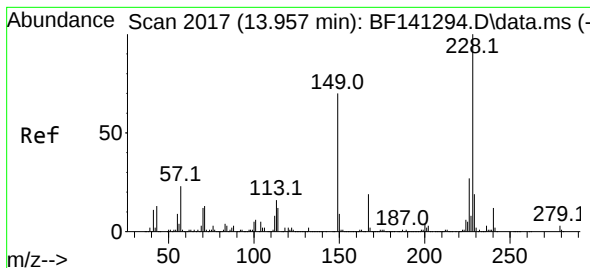
Ion Ratio Lower Upper

149 100

91 73.6 58.6 87.8

206 21.2 16.7 25.1





#81

Benzo(a)anthracene

Concen: 39.212 ng

RT: 13.963 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF141316.D

Acq: 30 Jan 2025 16:30

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

Tgt Ion:228 Resp: 881970

Ion Ratio Lower Upper

228 100

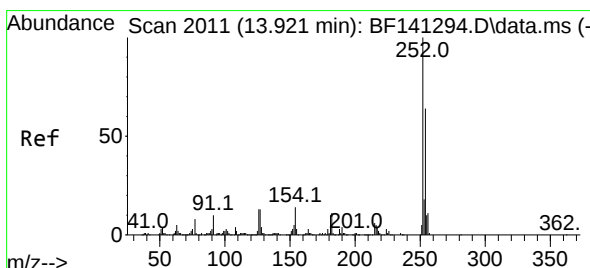
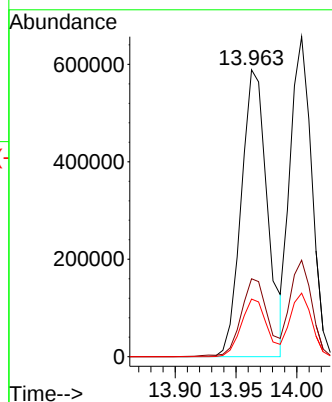
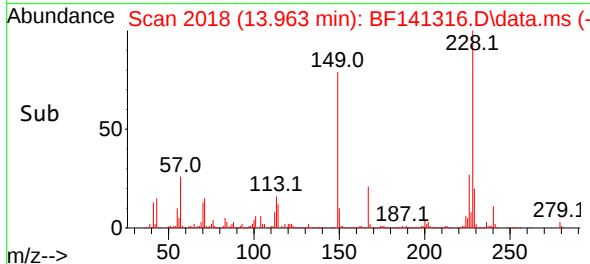
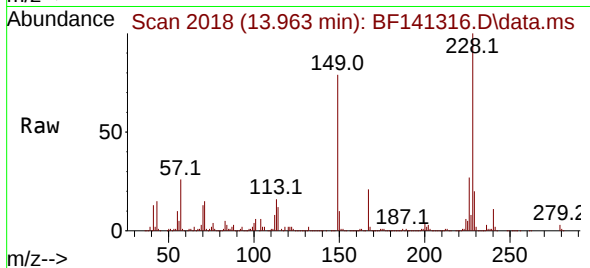
226 27.1 21.4 32.2

229 20.1 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#82

3,3'-Dichlorobenzidine

Concen: 30.919 ng

RT: 13.927 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF141316.D

Acq: 30 Jan 2025 16:30

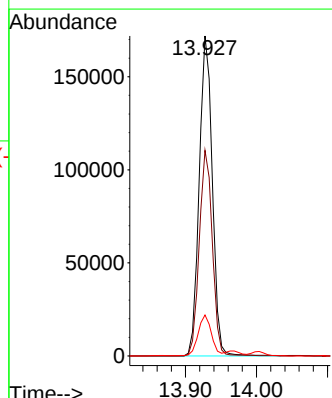
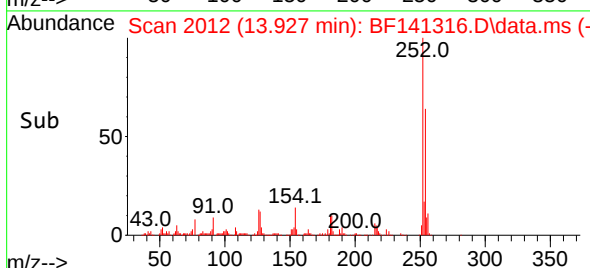
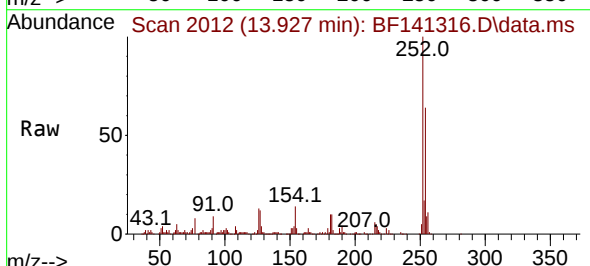
Tgt Ion:252 Resp: 221186

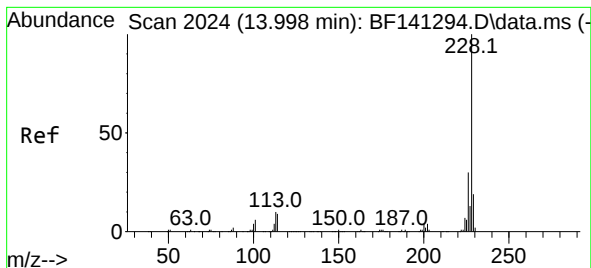
Ion Ratio Lower Upper

252 100

254 64.3 51.3 76.9

126 12.8 10.0 15.0





#83

Chrysene

Concen: 39.205 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141316.D

Acq: 30 Jan 2025 16:30

Instrument :

BNA_F

ClientSampleId :

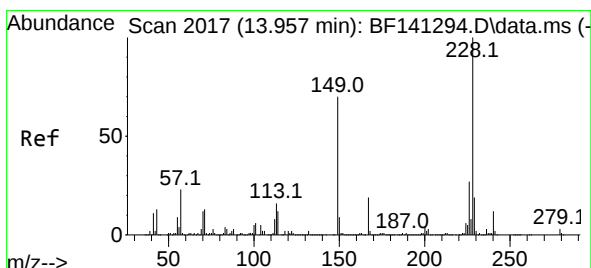
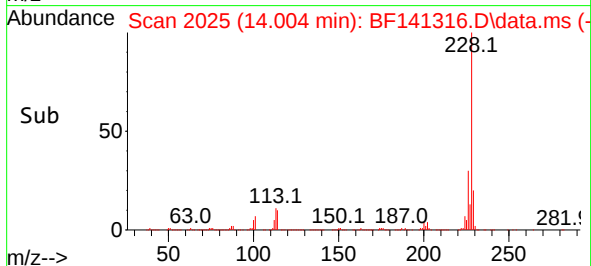
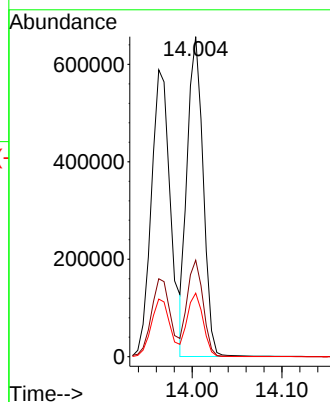
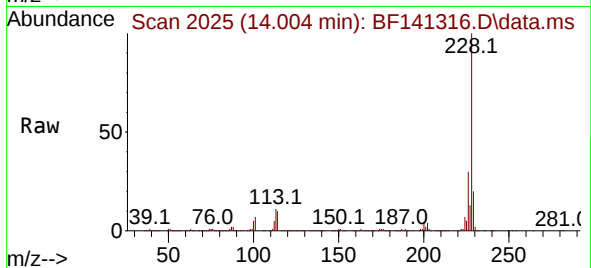
WC-5MSD

Tgt Ion:228	Resp: 80815
Ion Ratio	Lower Upper
228 100	
226 30.1	24.1 36.1
229 19.8	15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.500 ng

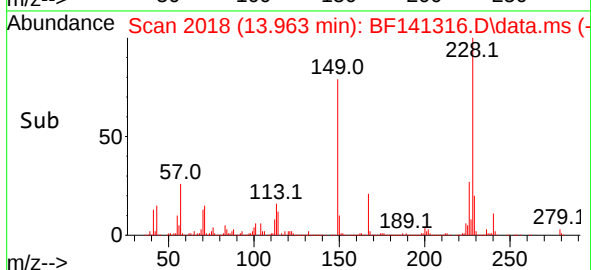
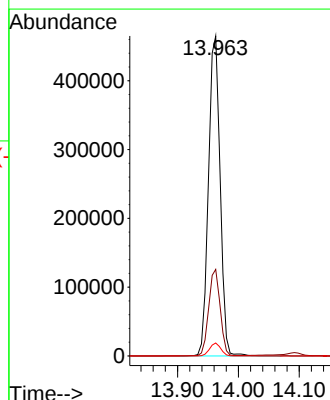
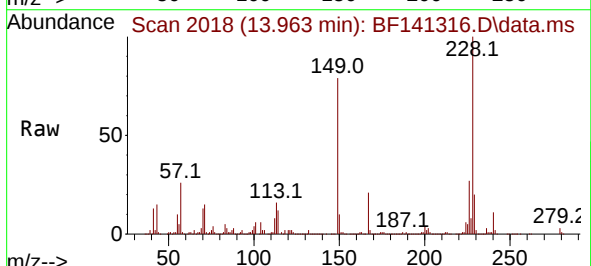
RT: 13.963 min Scan# 2018

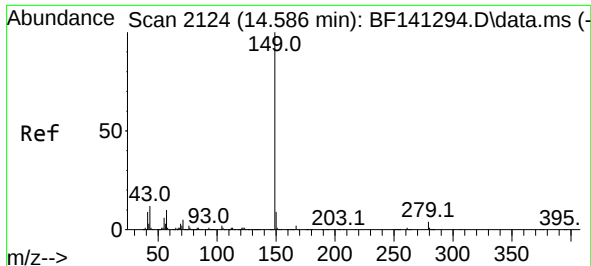
Delta R.T. 0.006 min

Lab File: BF141316.D

Acq: 30 Jan 2025 16:30

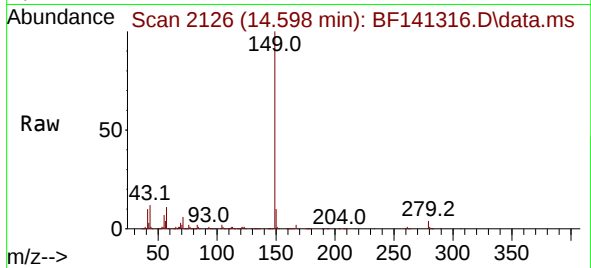
Tgt Ion:149	Resp: 617033
Ion Ratio	Lower Upper
149 100	
167 27.0	21.8 32.8
279 4.0	3.3 4.9





#85
Di-n-octyl phthalate
Concen: 42.245 ng
RT: 14.598 min Scan# 2126
Delta R.T. 0.012 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

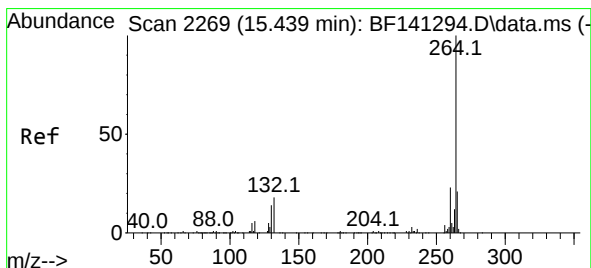
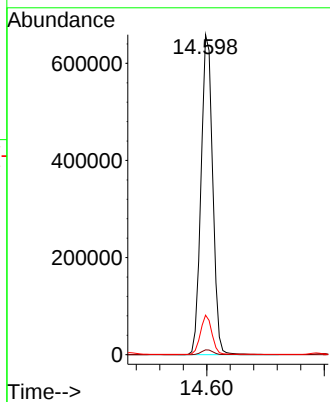
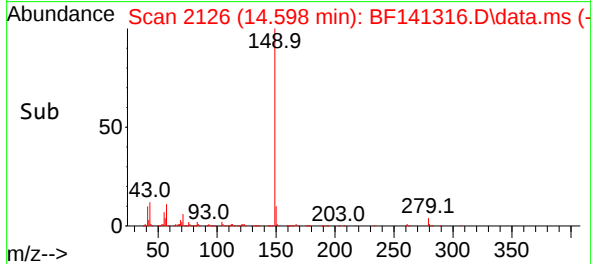
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



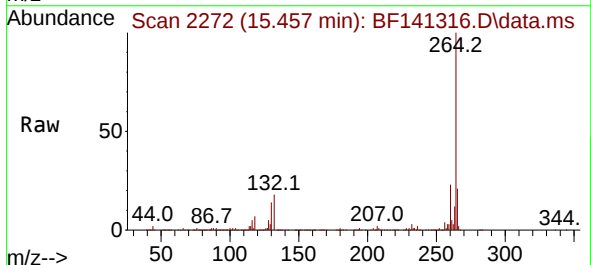
Tgt Ion:149 Resp: 90982
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.0 9.8 14.8

Manual Integrations
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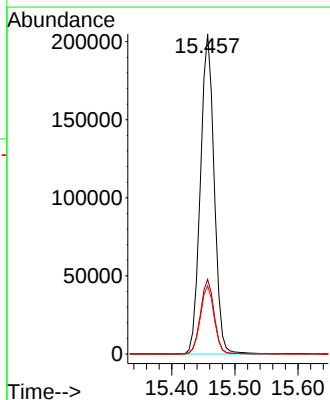
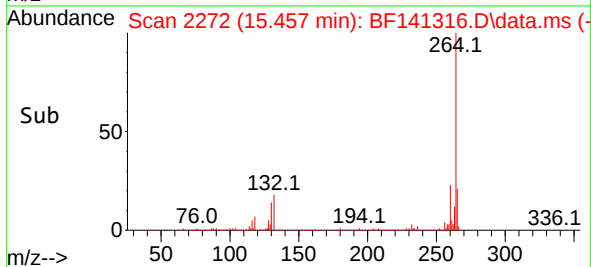
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

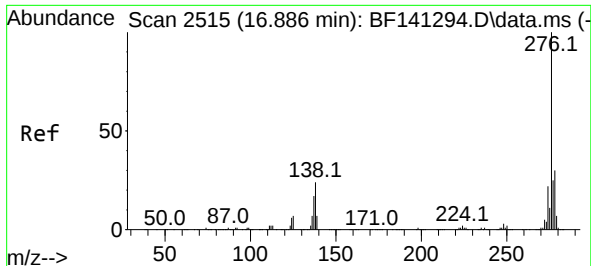


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2272
Delta R.T. 0.018 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30



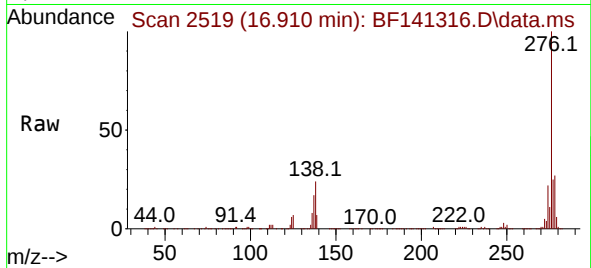
Tgt Ion:264 Resp: 310604
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 21.3 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.867 ng
RT: 16.910 min Scan# 2199
Delta R.T. 0.012 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

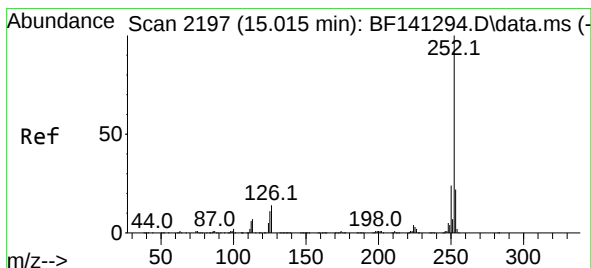
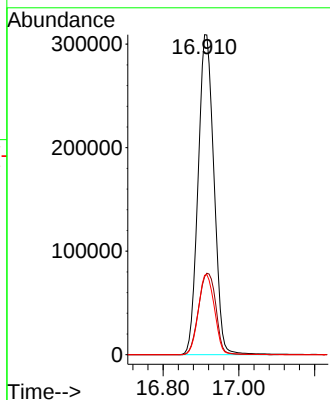
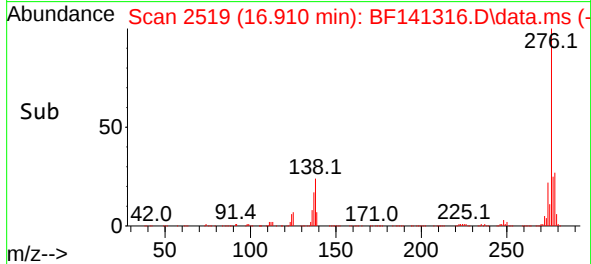
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:276 Resp: 89945
Ion Ratio Lower Upper
276 100
138 27.8 21.7 32.5
277 25.6 20.3 30.5

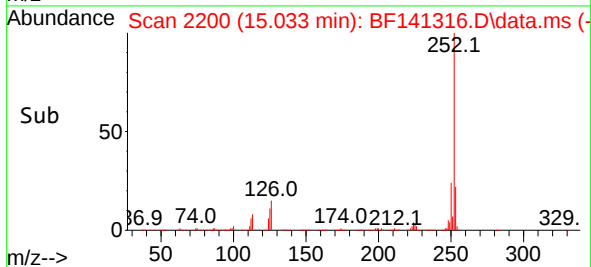
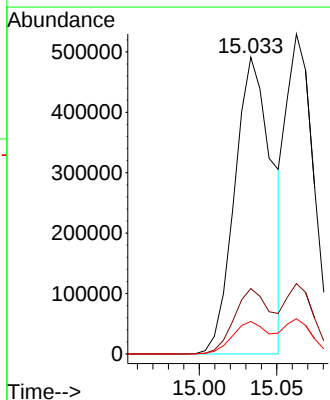
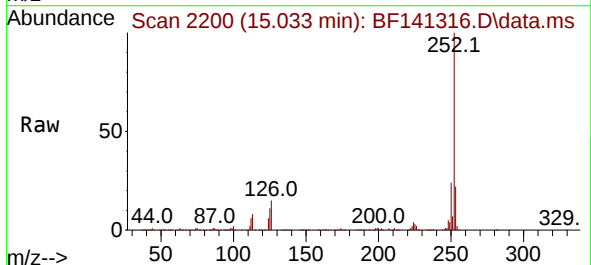
Manual Integrations
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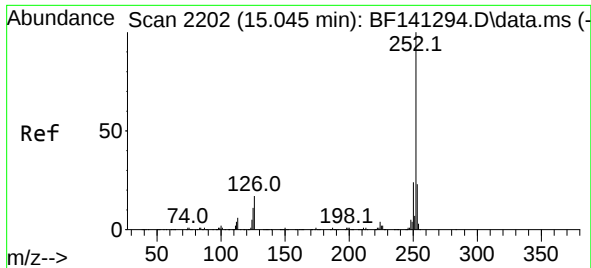
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#88
Benzo(b)fluoranthene
Concen: 42.148 ng
RT: 15.033 min Scan# 2200
Delta R.T. 0.012 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

Tgt Ion:252 Resp: 823489
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 11.0 8.6 12.8





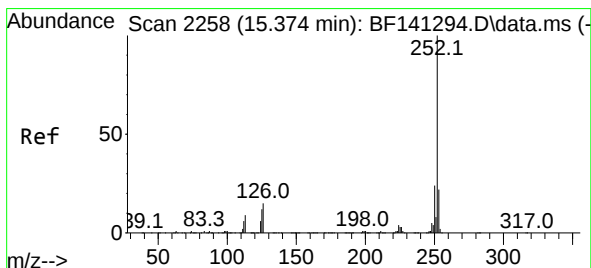
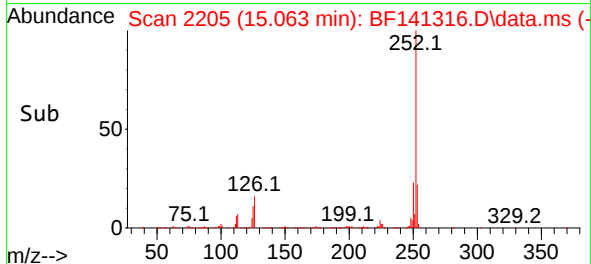
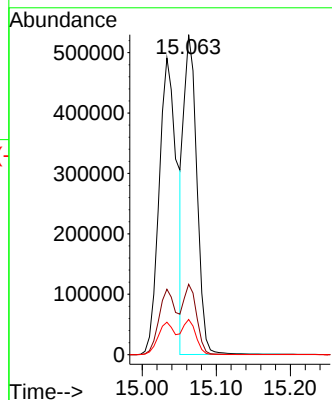
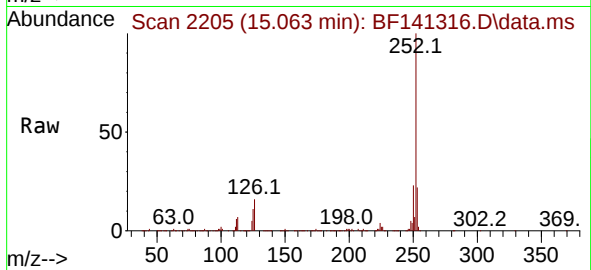
#89
Benzo(k)fluoranthene
Concen: 37.701 ng
RT: 15.063 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

Instrument :
BNA_F
ClientSampleId :
WC-5MSD

Tgt Ion:252 Resp: 652540
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.0 8.4 12.6

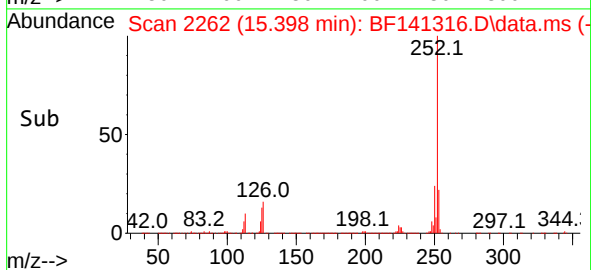
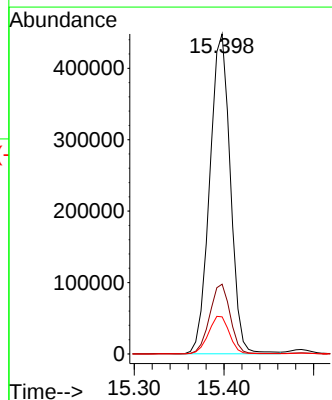
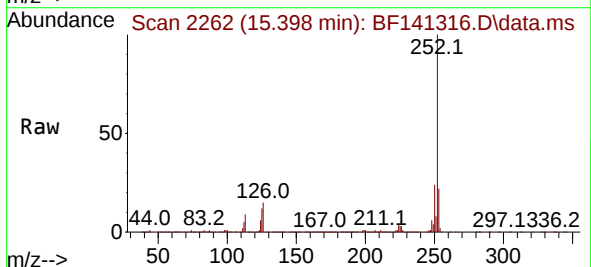
Manual Integrations
APPROVED

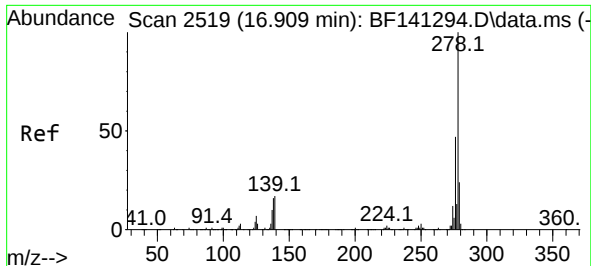
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#90
Benzo(a)pyrene
Concen: 43.212 ng
RT: 15.398 min Scan# 2262
Delta R.T. 0.018 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

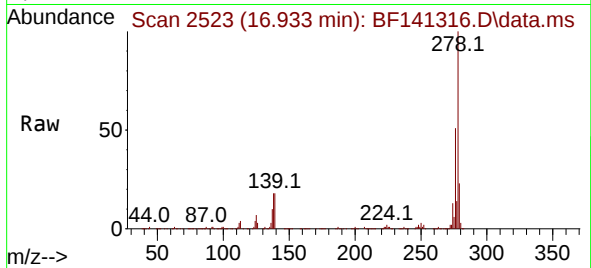
Tgt Ion:252 Resp: 713438
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 11.6 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 45.331 ng
RT: 16.933 min Scan# 2519
Delta R.T. 0.012 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30

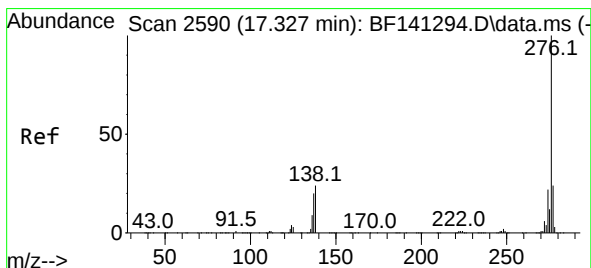
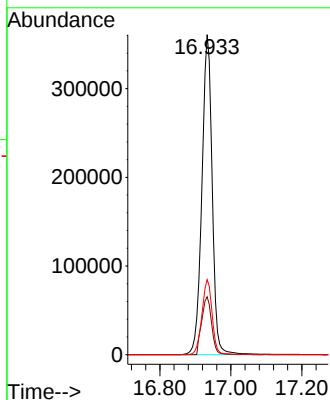
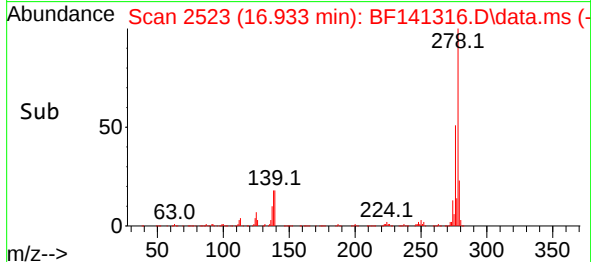
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



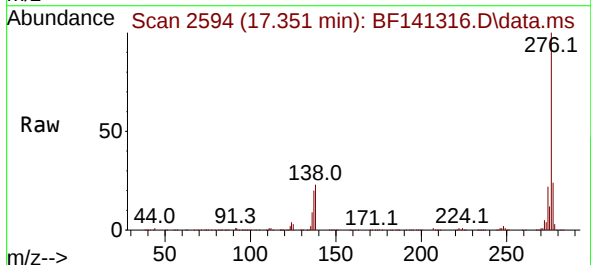
Tgt Ion:278 Resp: 731120
Ion Ratio Lower Upper
278 100
139 18.1 13.9 20.9
279 23.5 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#92
Benzo(g,h,i)perylene
Concen: 42.582 ng
RT: 17.351 min Scan# 2594
Delta R.T. 0.006 min
Lab File: BF141316.D
Acq: 30 Jan 2025 16:30



Tgt Ion:276 Resp: 714115
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 23.3 19.0 28.4

