

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
 Data File : BF141315.D
 Acq On : 30 Jan 2025 16:03
 Operator : RC/JU
 Sample : Q1209-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5MS

Manual Integrations
 APPROVED

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

Quant Time: Jan 30 16:35:20 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	167075	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	669898	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	361408	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	589870	20.000	ng	0.00
76) Chrysene-d12	13.974	240	319317	20.000	ng	0.00
86) Perylene-d12	15.445	264	315915	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	958938	88.114	ng	0.00
7) Phenol-d6	6.428	99	1223169	88.351	ng	-0.01
23) Nitrobenzene-d5	7.363	82	782312	61.563	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	309128	93.300	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1347404	57.384	ng	0.00
79) Terphenyl-d14	12.910	244	1349280	65.165	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	183718	38.384	ng	100
3) Pyridine	3.328	79	429489	37.243	ng	99
4) n-Nitrosodimethylamine	3.287	42	258831	39.289	ng	100
6) Aniline	6.463	93	392868	33.523	ng	98
8) 2-Chlorophenol	6.581	128	457640	39.233	ng	98
9) Benzaldehyde	6.351	77	407982	50.876	ng	98
10) Phenol	6.445	94	572177	38.988	ng	95
11) bis(2-Chloroethyl)ether	6.534	93	435282	38.683	ng	100
12) 1,3-Dichlorobenzene	6.740	146	466993	36.310	ng	99
13) 1,4-Dichlorobenzene	6.816	146	475503	36.802	ng	100
14) 1,2-Dichlorobenzene	6.969	146	455246	37.628	ng	98
15) Benzyl Alcohol	6.940	79	388911	41.106	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	789105	40.328	ng	99
17) 2-Methylphenol	7.051	107	373745	39.424	ng	98
18) Hexachloroethane	7.310	117	176604	37.051	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	309827	37.662	ng	100
20) 3+4-Methylphenols	7.204	107	434424	37.321	ng	92
22) Acetophenone	7.210	105	654231	41.086	ng	98
24) Nitrobenzene	7.381	77	481987	36.600	ng	99
25) Isophorone	7.622	82	869191	39.569	ng	99
26) 2-Nitrophenol	7.698	139	244478	39.364	ng	98
27) 2,4-Dimethylphenol	7.734	122	388605	49.159	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	542293	38.703	ng	99
29) 2,4-Dichlorophenol	7.940	162	373371	38.581	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	394571	35.701	ng	99
31) Naphthalene	8.104	128	1303056	36.821	ng	100
32) Benzoic acid	7.857	122	305768	42.076	ng	99
33) 4-Chloroaniline	8.151	127	180833	15.069	ng	99
34) Hexachlorobutadiene	8.222	225	234884	36.240	ng	99
35) Caprolactam	8.522	113	135885m	42.993	ng	
36) 4-Chloro-3-methylphenol	8.634	107	409952	39.492	ng	97
37) 2-Methylnaphthalene	8.792	142	818250	36.379	ng	100
38) 1-Methylnaphthalene	8.892	142	799890	36.203	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	416191	40.479	ng	99
41) Hexachlorocyclopentadiene	8.945	237	449360	147.988	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	271365	40.323	ng	100

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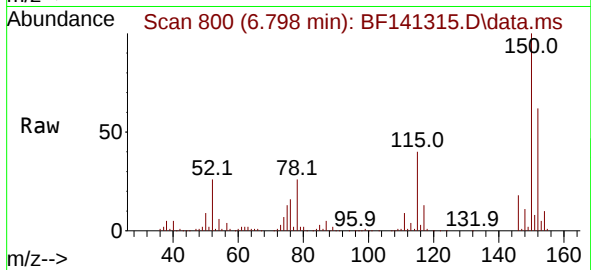
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	262590	35.851	ng	99
46) 1,1'-Biphenyl	9.257	154	1148416	40.745	ng	99
47) 2-Chloronaphthalene	9.281	162	796174	36.241	ng	99
48) 2-Nitroaniline	9.381	65	268545	38.862	ng	99
49) Acenaphthylene	9.698	152	1236080	40.194	ng	100
50) Dimethylphthalate	9.563	163	931376	38.156	ng	99
51) 2,6-Dinitrotoluene	9.622	165	206068	36.359	ng	100
52) Acenaphthene	9.869	154	910445	41.441	ng	100
53) 3-Nitroaniline	9.786	138	99441	17.902	ng	97
54) 2,4-Dinitrophenol	9.898	184	245895	93.333	ng	97
55) Dibenzofuran	10.045	168	1093675	37.190	ng	99
56) 4-Nitrophenol	9.957	139	360991	88.860	ng	98
57) 2,4-Dinitrotoluene	10.028	165	280902	38.281	ng	96
58) Fluorene	10.386	166	840449	36.844	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	231917	40.247	ng	99
60) Diethylphthalate	10.263	149	893576	37.755	ng	100
61) 4-Chlorophenyl-phenyle...	10.381	204	405320	36.376	ng	99
62) 4-Nitroaniline	10.410	138	211996	38.819	ng	99
63) Azobenzene	10.539	77	1037084	43.776	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	156125	44.747	ng	96
66) n-Nitrosodiphenylamine	10.498	169	757543	39.707	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	258485	39.142	ng	98
68) Hexachlorobenzene	10.933	284	268678	38.355	ng	100
69) Atrazine	11.028	200	276513	43.348	ng	99
70) Pentachlorophenol	11.128	266	338623	82.551	ng	99
71) Phenanthrene	11.351	178	1246279	39.305	ng	100
72) Anthracene	11.404	178	1270809	40.904	ng	100
73) Carbazole	11.557	167	1104522	40.093	ng	99
74) Di-n-butylphthalate	11.892	149	1342332	40.206	ng	100
75) Fluoranthene	12.539	202	1199766	38.321	ng	100
77) Benzidine	12.663	184	534831	52.246	ng	100
78) Pyrene	12.769	202	1190370	38.836	ng	100
80) Butylbenzylphthalate	13.392	149	473214	44.191	ng	100
81) Benzo(a)anthracene	13.963	228	812023	36.852	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	205049	29.259	ng	99
83) Chrysene	13.998	228	784739	38.860	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	575904	42.396	ng	99
85) Di-n-octyl phthalate	14.592	149	845371	40.068	ng	100
87) Indeno(1,2,3-cd)pyrene	16.904	276	916478	44.947	ng	99
88) Benzo(b)fluoranthene	15.027	252	756397	38.064	ng	99
89) Benzo(k)fluoranthene	15.057	252	677523	38.487	ng	100
90) Benzo(a)pyrene	15.386	252	704442	41.949	ng	100
91) Dibenzo(a,h)anthracene	16.921	278	733439	44.710	ng	99
92) Benzo(g,h,i)perylene	17.339	276	711929	41.738	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: BF141315.D
Acq: 30 Jan 2025 16:03

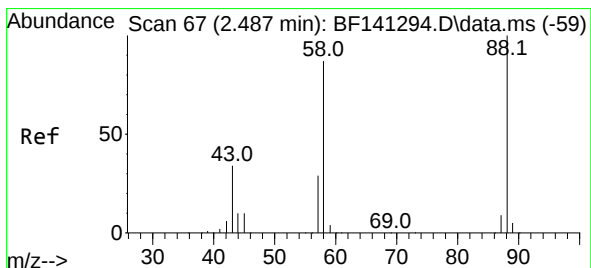
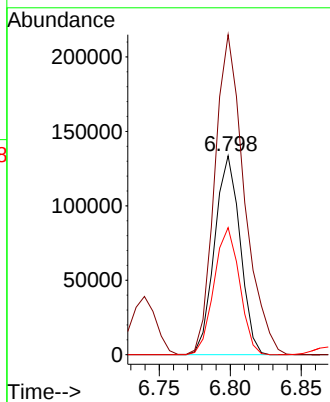
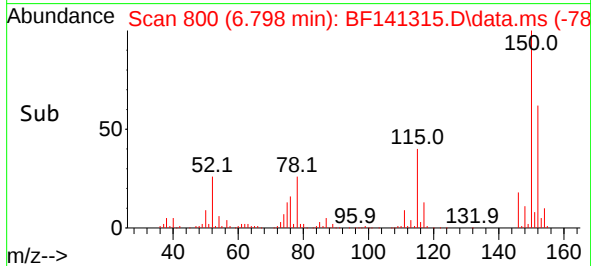
Instrument :
BNA_F
ClientSampleId :
WC-5MS



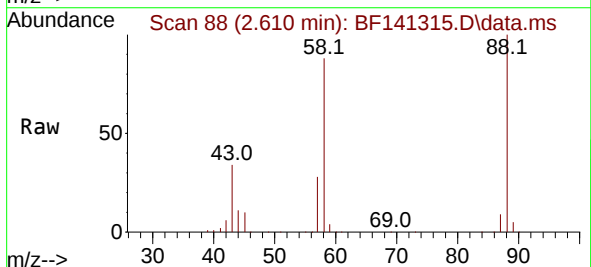
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Ion Ratio Lower Upper
152 100
150 160.9 125.9 188.9
115 63.9 49.7 74.5

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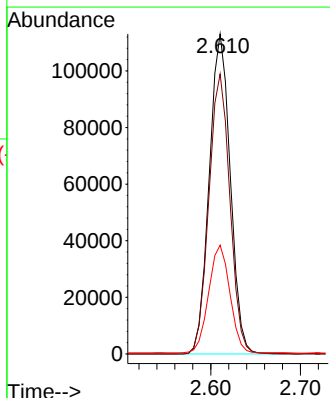
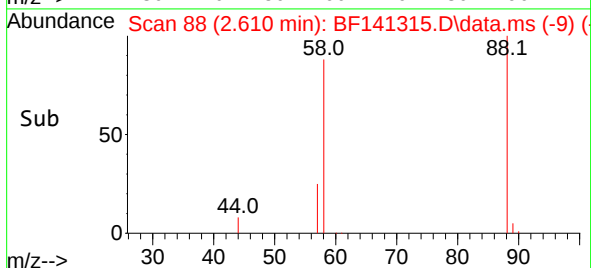
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

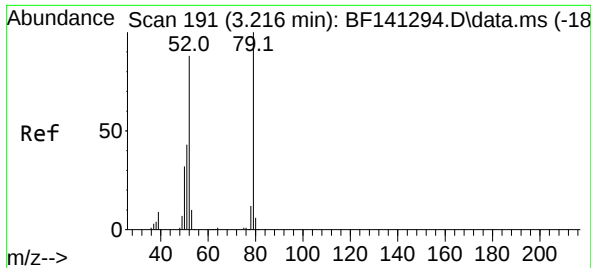


#2
1,4-Dioxane
Concen: 38.384 ng
RT: 2.610 min Scan# 88
Delta R.T. 0.118 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03



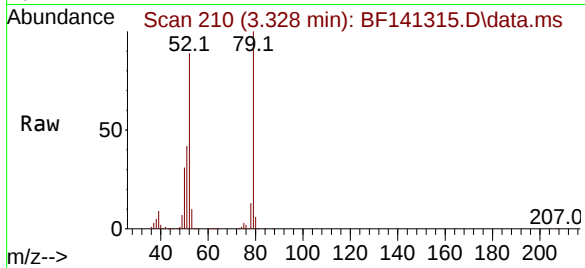
Tgt Ion: 88 Resp: 183718
Ion Ratio Lower Upper
88 100
58 87.8 70.2 105.4
43 34.1 27.6 41.4





#3
Pyridine
Concen: 37.243 ng
RT: 3.328 min Scan# 210
Delta R.T. 0.100 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

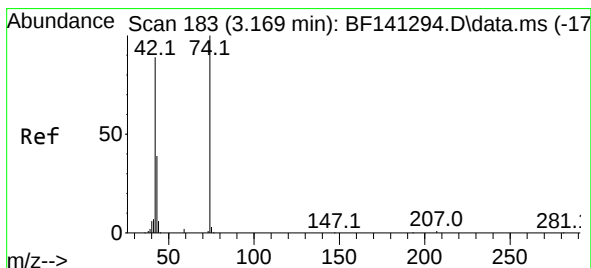
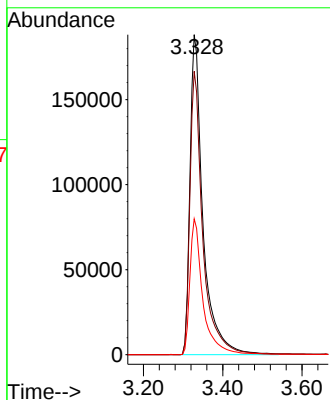
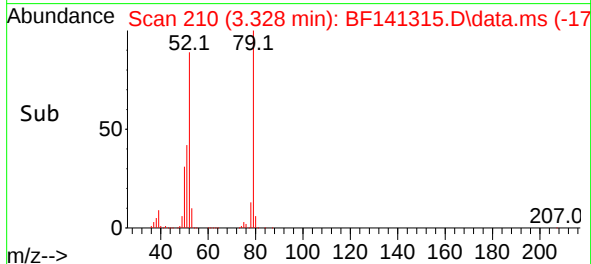
Instrument :
BNA_F
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WC-5MS



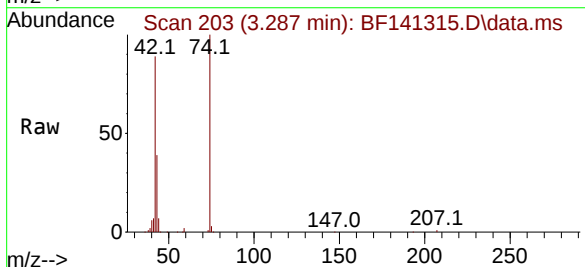
Tgt Ion: 79 Resp: 429489
Ion Ratio Lower Upper
79 100
52 88.6 70.3 105.5
51 42.5 34.3 51.5

Manual Integrations
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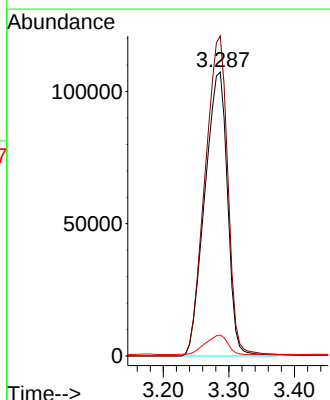
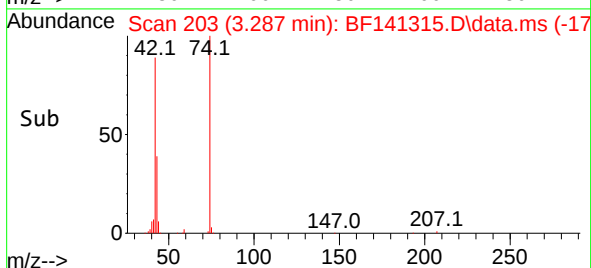
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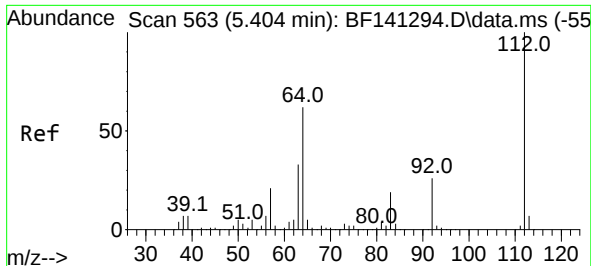


#4
n-Nitrosodimethylamine
Concen: 39.289 ng
RT: 3.287 min Scan# 203
Delta R.T. 0.088 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03



Tgt Ion: 42 Resp: 258831
Ion Ratio Lower Upper
42 100
74 112.7 90.3 135.5
44 7.4 5.7 8.5





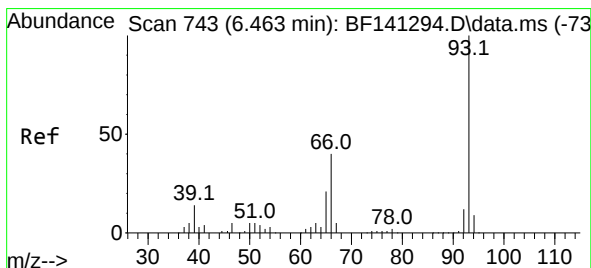
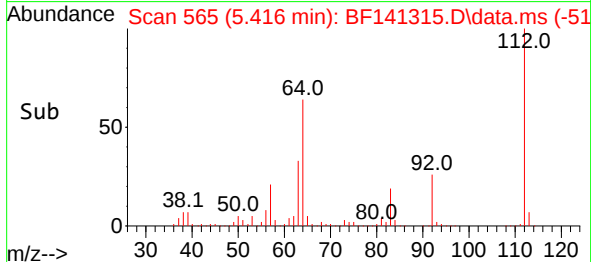
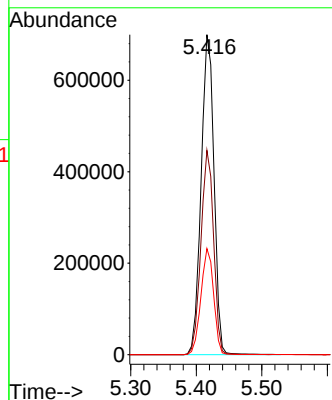
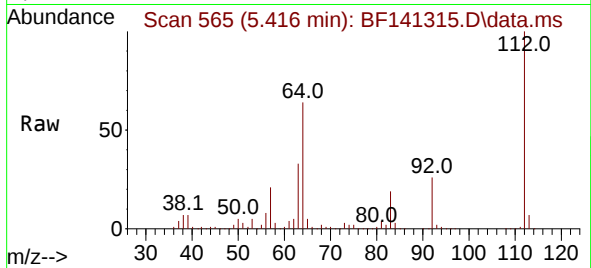
#5
2-Fluorophenol
Concen: 88.114 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion:112 Resp: 958938
Ion Ratio Lower Upper
112 100
64 63.9 49.8 74.8
63 33.2 26.1 39.1

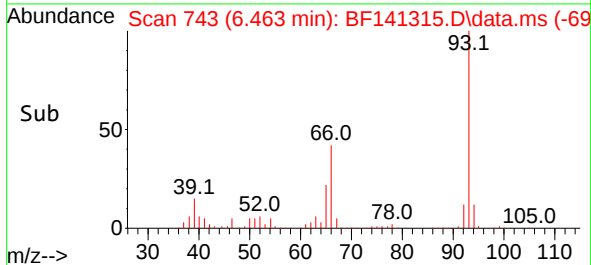
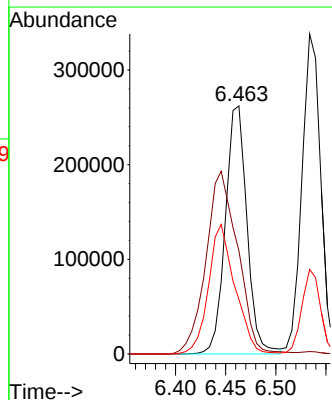
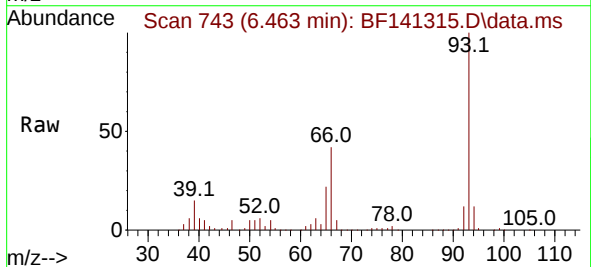
Manual Integrations
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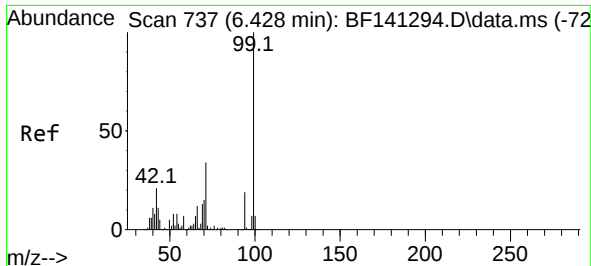
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#6
Aniline
Concen: 33.523 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

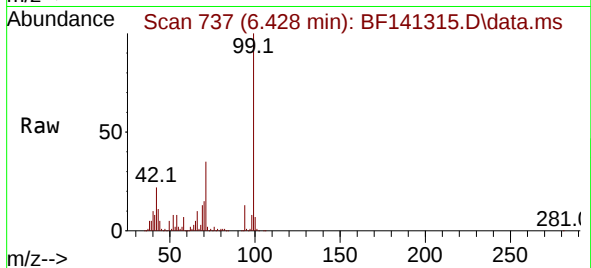
Tgt Ion: 93 Resp: 392868
Ion Ratio Lower Upper
93 100
66 41.6 32.5 48.7
65 22.0 17.0 25.6





#7
Phenol-d6
Concen: 88.351 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

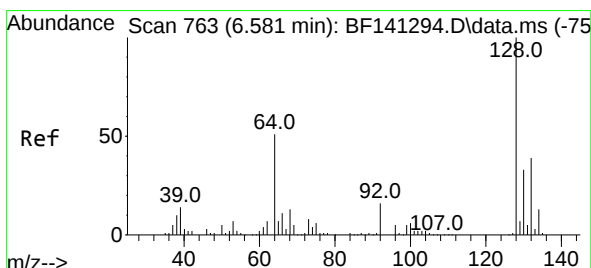
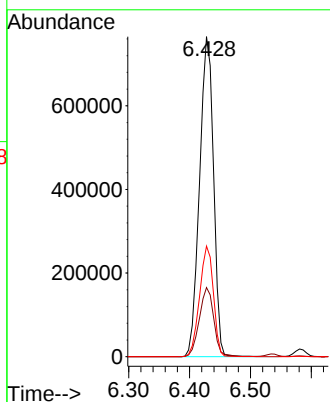
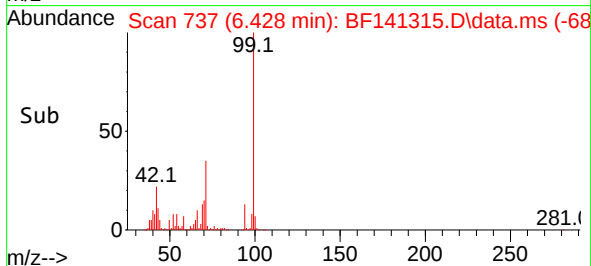
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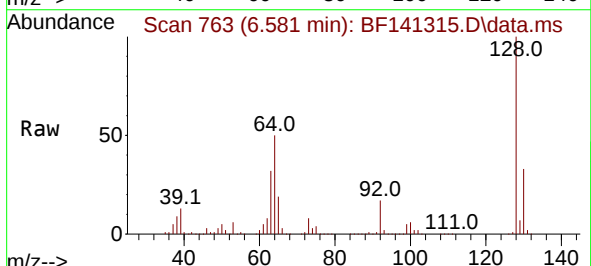
Tgt Ion: 99 Resp: 1223169
Ion Ratio Lower Upper
99 100
42 21.6 17.1 25.7
71 34.5 26.9 40.3

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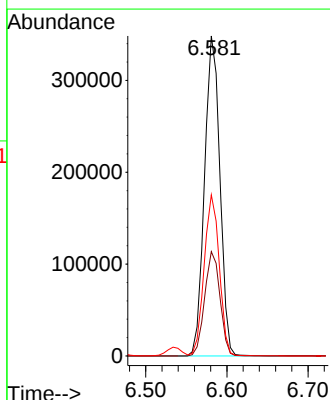
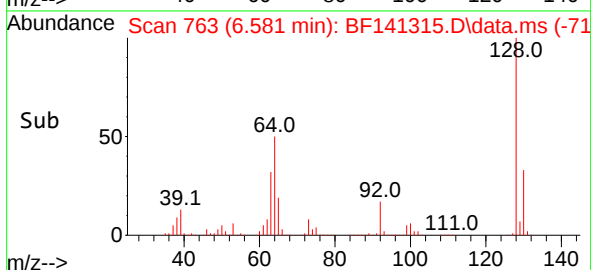
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#8
2-Chlorophenol
Concen: 39.233 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03



Tgt Ion:128 Resp: 457640
Ion Ratio Lower Upper
128 100
130 32.6 12.5 52.5
64 50.4 32.9 72.9





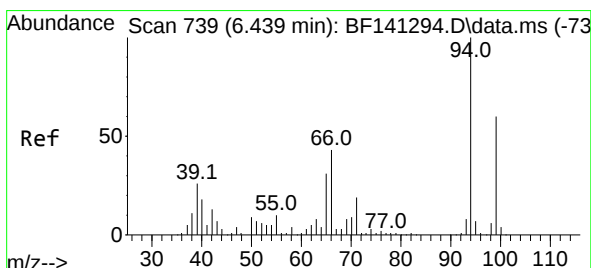
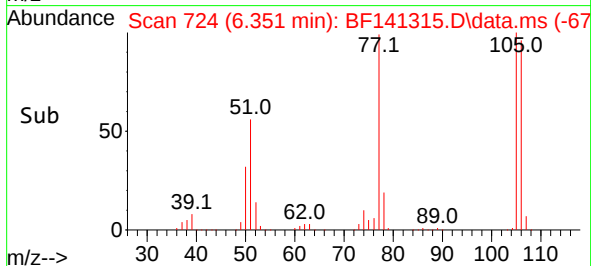
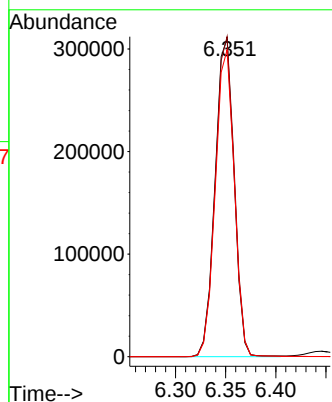
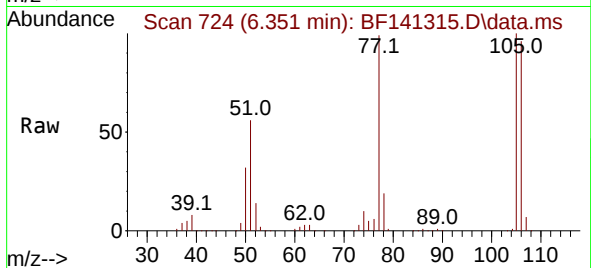
#9
Benzaldehyde
Concen: 50.876 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion: 77 Resp: 407982
Ion Ratio Lower Upper
77 100
105 100.6 79.4 119.4
106 96.5 74.6 114.6

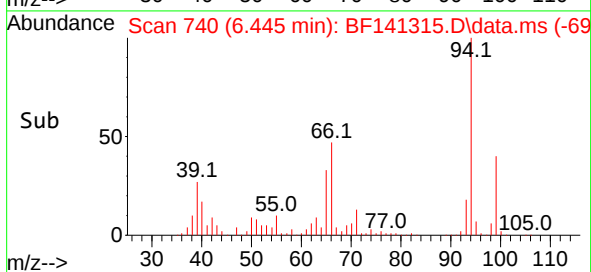
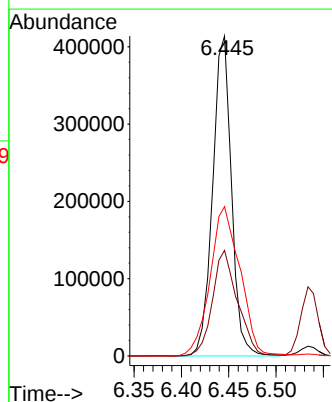
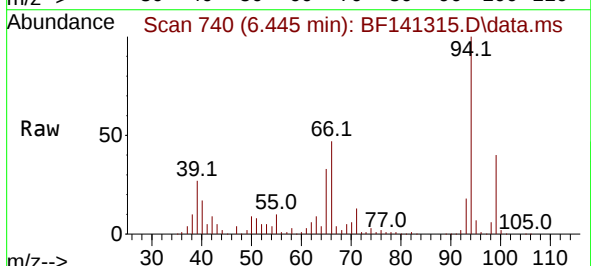
Manual Integrations
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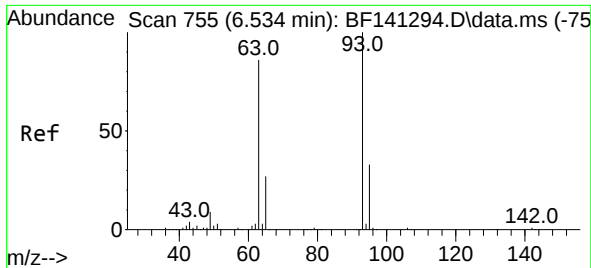
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#10
Phenol
Concen: 38.988 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Tgt Ion: 94 Resp: 572177
Ion Ratio Lower Upper
94 100
65 33.0 10.8 50.8
66 46.6 23.3 63.3





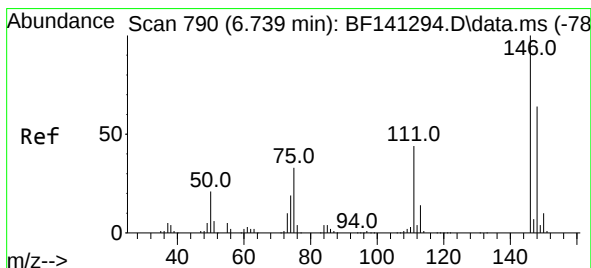
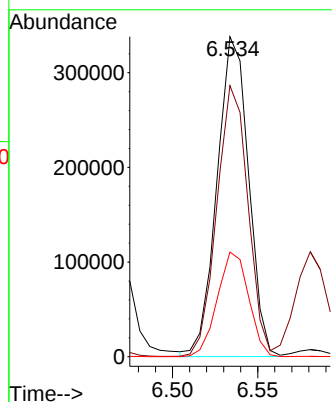
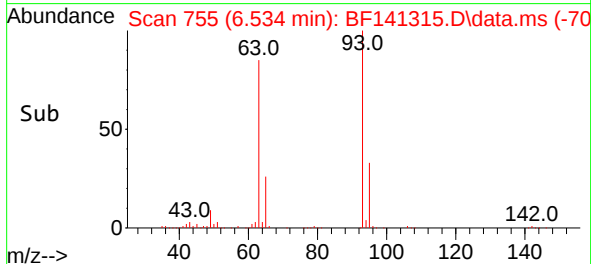
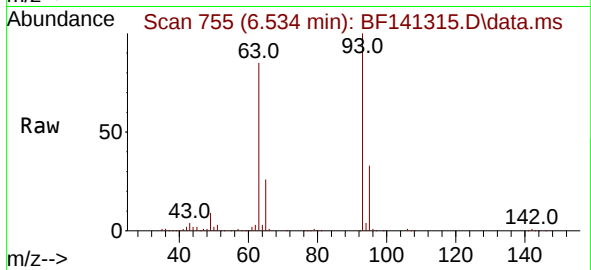
#11
bis(2-Chloroethyl)ether
Concen: 38.683 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion: 93 Resp: 43528
Ion Ratio Lower Upper
93 100
63 84.7 65.0 105.0
95 32.7 12.4 52.4

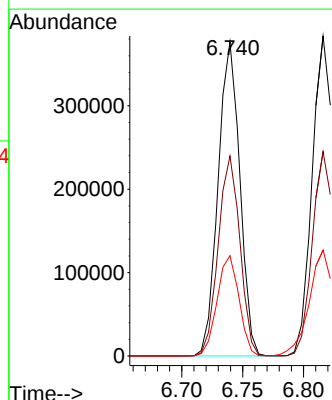
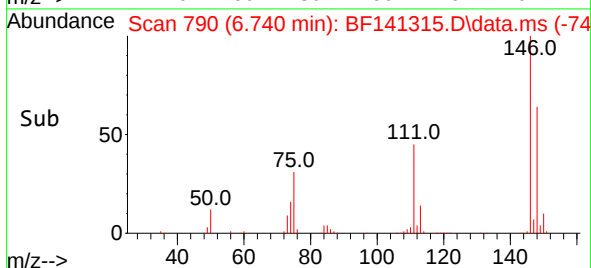
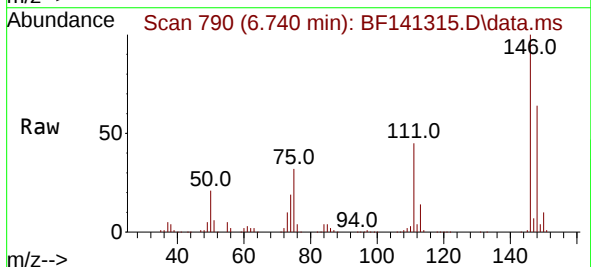
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 36.310 ng
RT: 6.740 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Tgt Ion:146 Resp: 466993
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
75 32.0 26.2 39.4





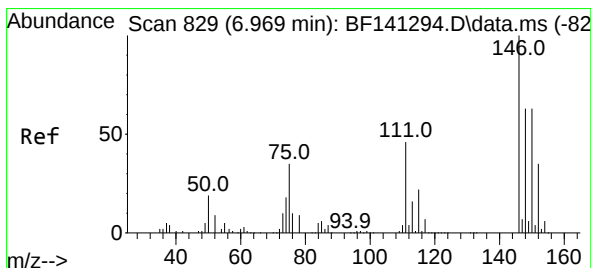
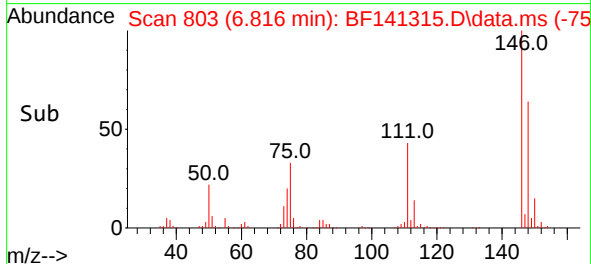
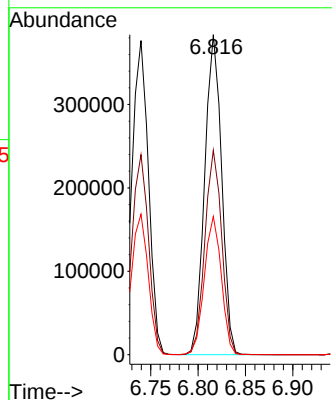
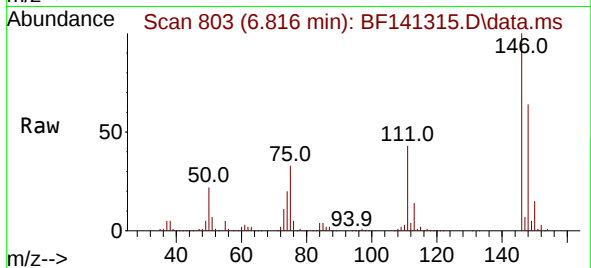
#13
1,4-Dichlorobenzene
Concen: 36.802 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion:146 Resp: 47550
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
111 43.2 35.0 52.4

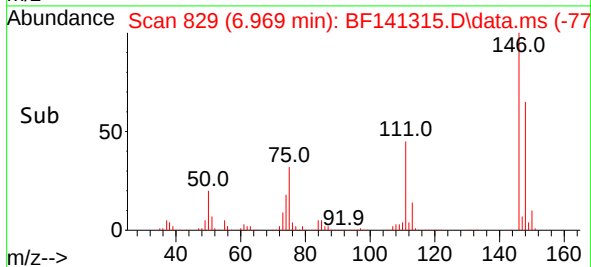
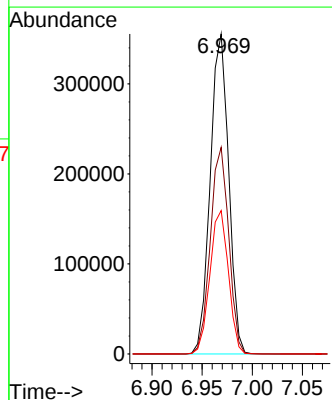
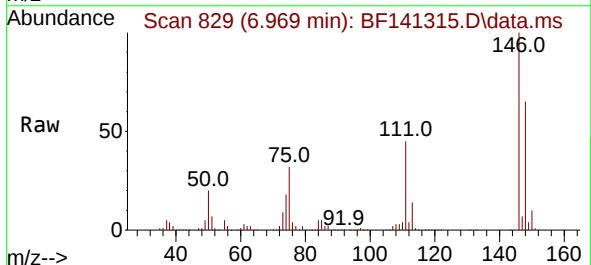
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 37.628 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

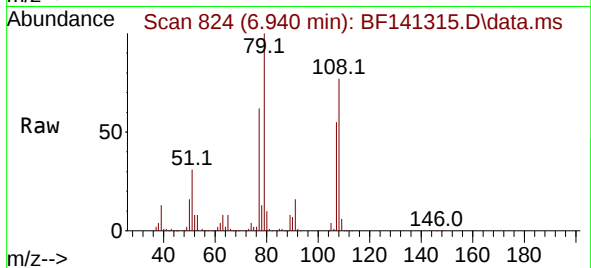
Tgt Ion:146 Resp: 455246
Ion Ratio Lower Upper
146 100
148 64.6 50.5 75.7
111 44.8 36.6 55.0





#15
Benzyl Alcohol
Concen: 41.106 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

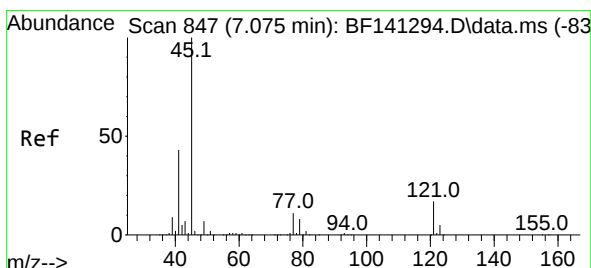
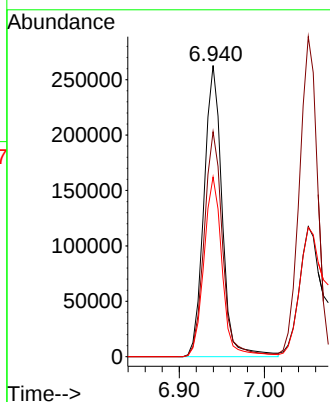
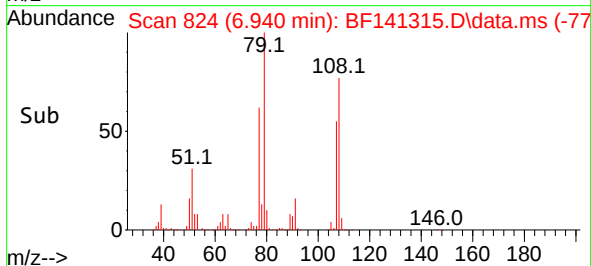
Instrument :
BNA_F
ClientSampleId :
WC-5MS



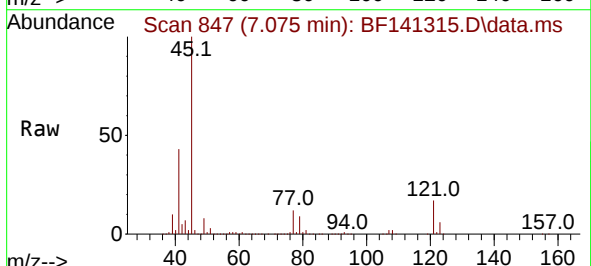
Tgt Ion: 79 Resp: 38891
Ion Ratio Lower Upper
79 100
108 77.2 61.4 92.0
77 61.7 49.9 74.9

Manual Integrations
APPROVED

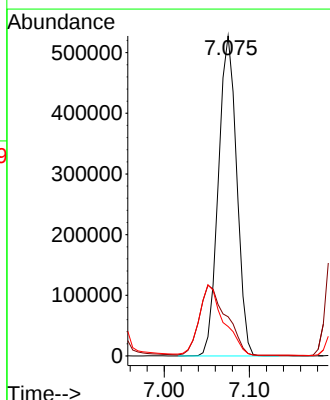
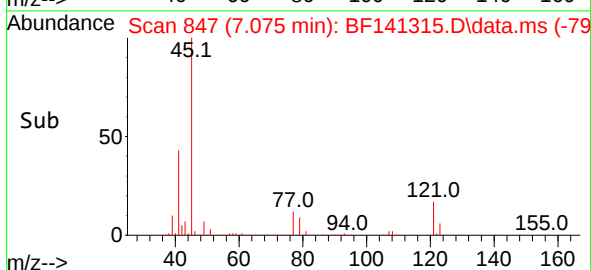
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

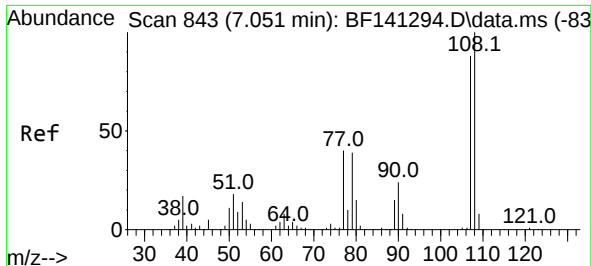


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.328 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03



Tgt Ion: 45 Resp: 789105
Ion Ratio Lower Upper
45 100
77 12.3 0.0 31.8
79 9.2 0.0 29.1





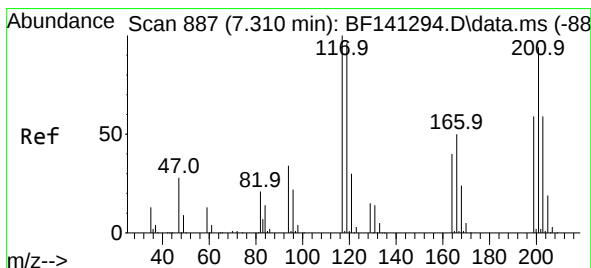
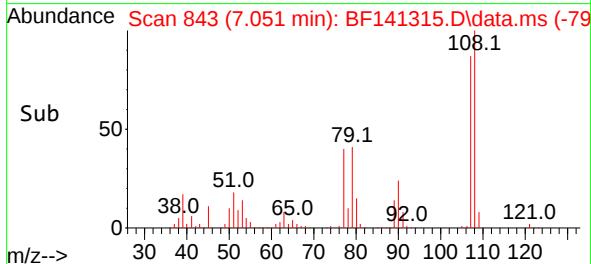
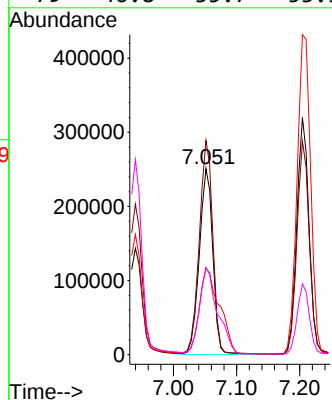
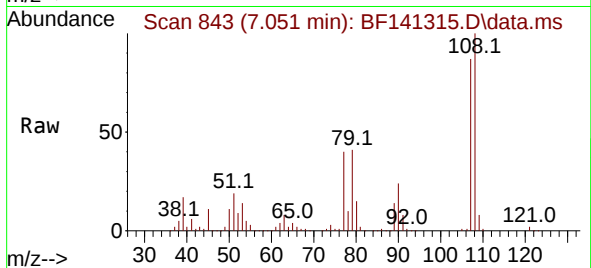
#17
2-Methylphenol
Concen: 39.424 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion:107 Resp: 373745
Ion Ratio Lower Upper
107 100
108 115.2 90.8 136.2
77 46.5 36.2 54.4
79 46.8 35.7 53.5

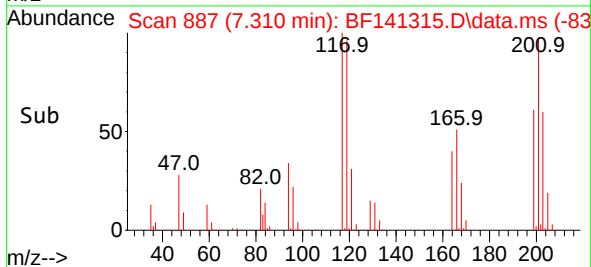
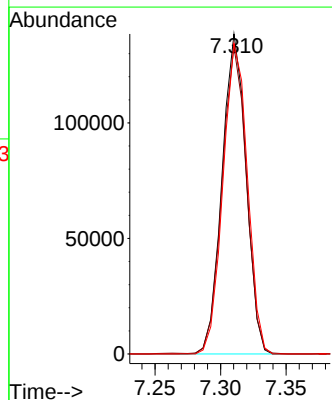
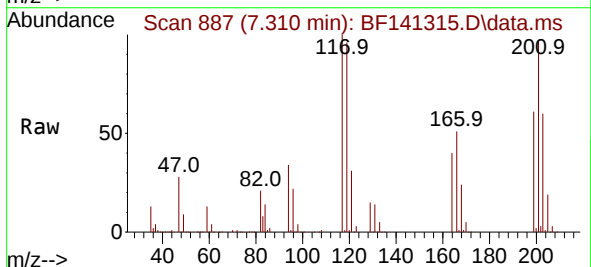
Manual Integrations
APPROVED

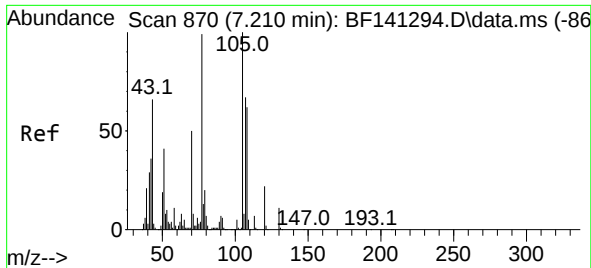
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#18
Hexachloroethane
Concen: 37.051 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

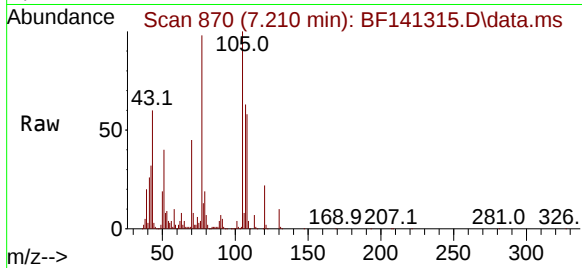
Tgt Ion:117 Resp: 176604
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8
201 97.0 74.8 112.2





#19
n-Nitroso-di-n-propylamine
Concen: 37.662 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.018 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

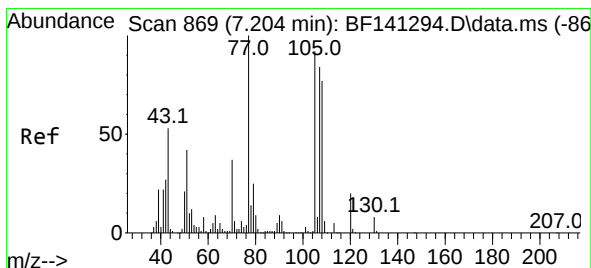
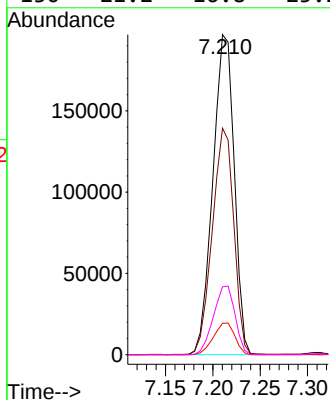
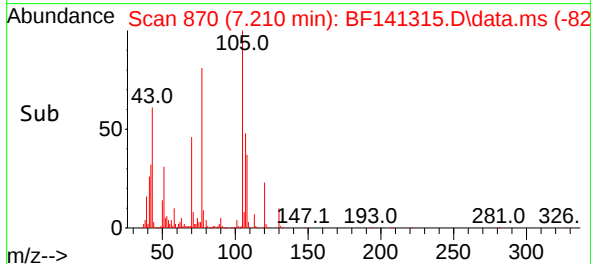
Instrument :
BNA_F
ClientSampleId :
WC-5MS



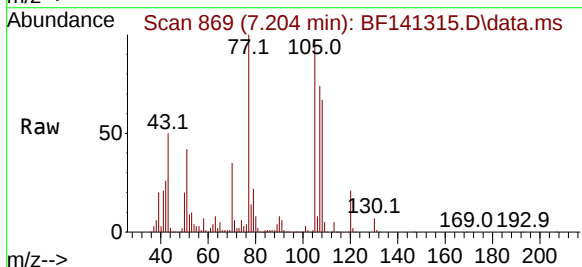
Tgt Ion: 70 Resp: 309827
Ion Ratio Lower Upper
70 100
42 70.8 56.8 85.2
101 9.8 7.7 11.5
130 21.2 16.8 25.2

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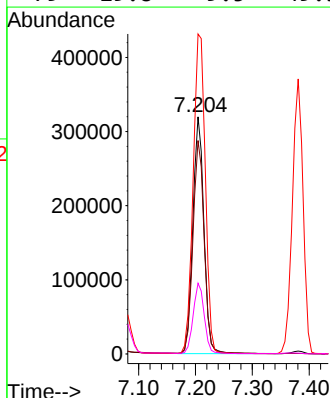
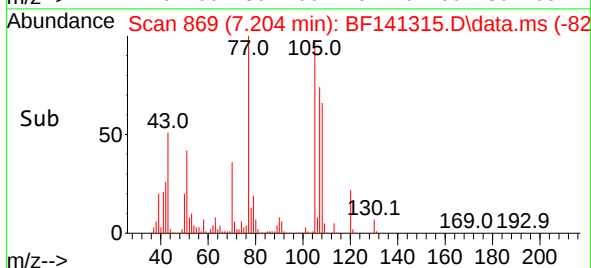
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#20
3+4-Methylphenols
Concen: 37.321 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03



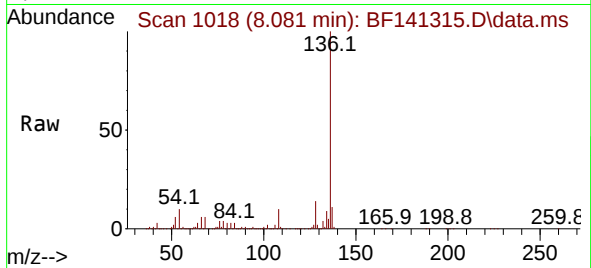
Tgt Ion:107 Resp: 434424
Ion Ratio Lower Upper
107 100
108 90.0 70.9 110.9
77 135.0 98.5 138.5
79 29.8 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

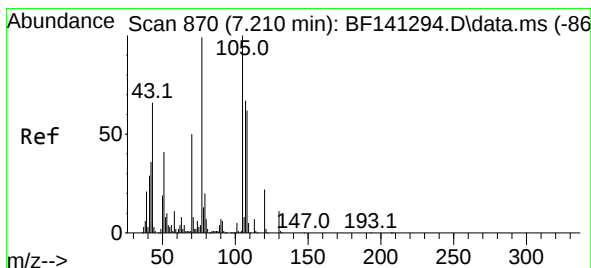
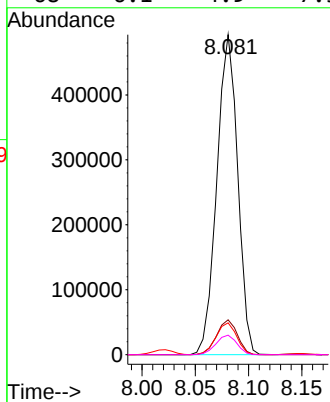
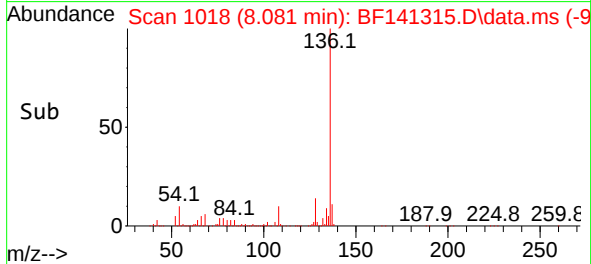
Instrument :
BNA_F
ClientSampleId :
WC-5MS



Tgt Ion:136 Resp: 669898
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.0 7.8 11.8
68 6.1 4.9 7.3

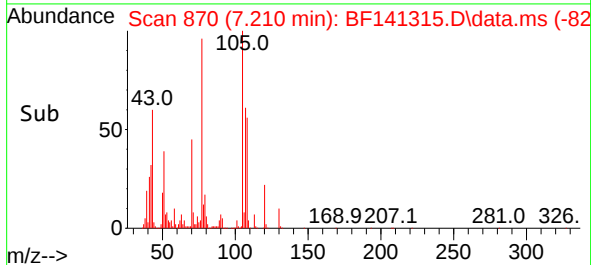
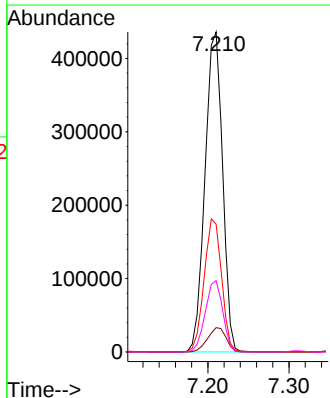
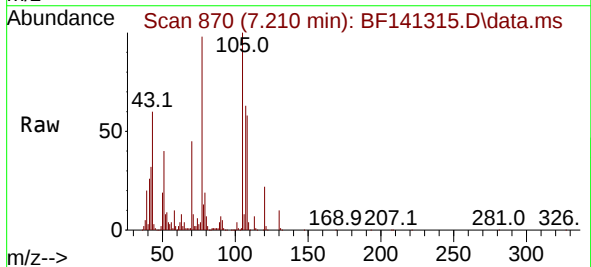
Manual Integrations
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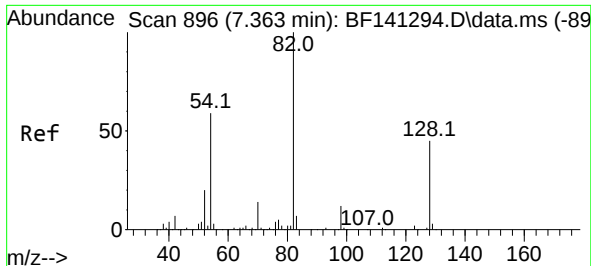
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#22
Acetophenone
Concen: 41.086 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Tgt Ion:105 Resp: 654231
Ion Ratio Lower Upper
105 100
71 7.6 6.8 10.2
51 39.9 32.6 49.0
120 22.3 17.4 26.0





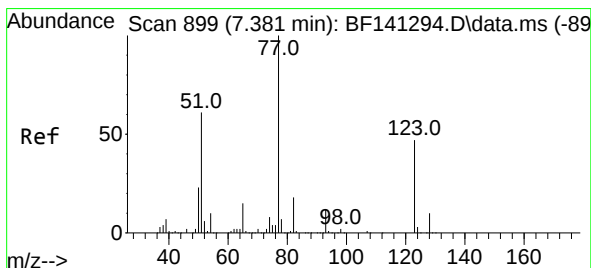
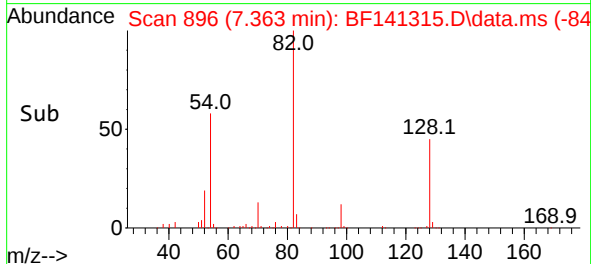
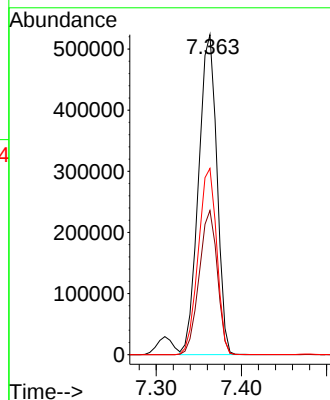
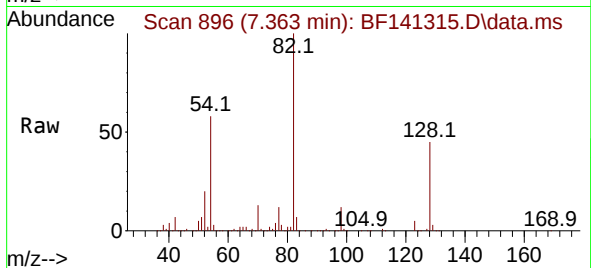
#23
Nitrobenzene-d5
Concen: 61.563 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion: 82 Resp: 782312
Ion Ratio Lower Upper
82 100
128 45.1 35.7 53.5
54 58.2 47.1 70.7

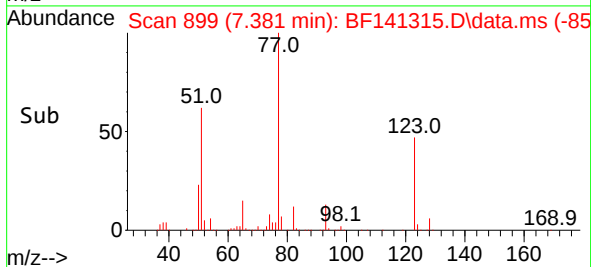
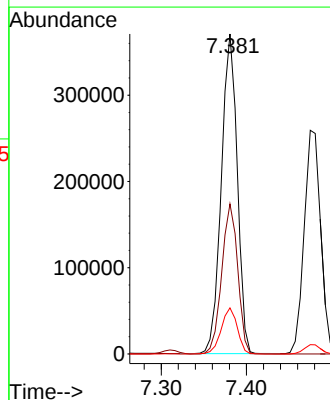
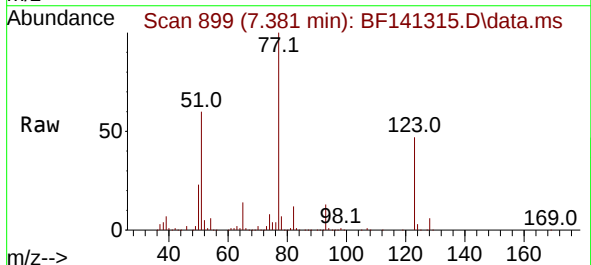
Manual Integrations
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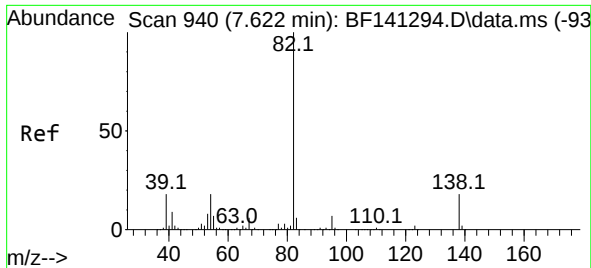
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#24
Nitrobenzene
Concen: 36.600 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Tgt Ion: 77 Resp: 481987
Ion Ratio Lower Upper
77 100
123 46.9 37.3 55.9
65 14.4 11.8 17.6





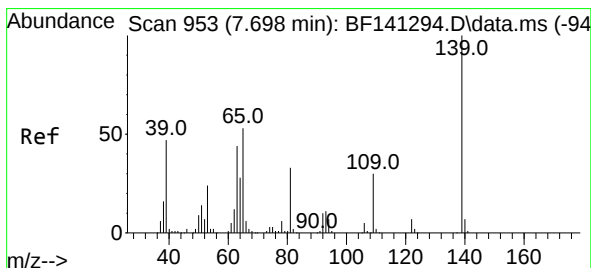
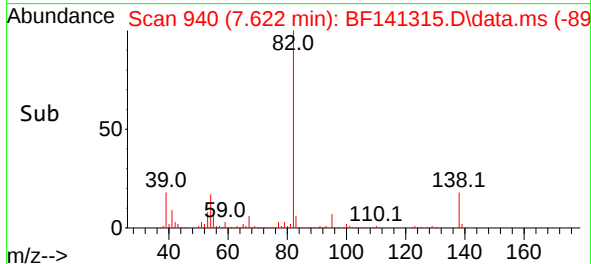
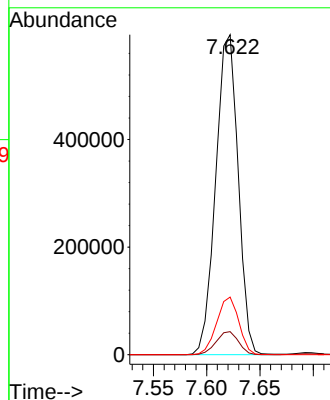
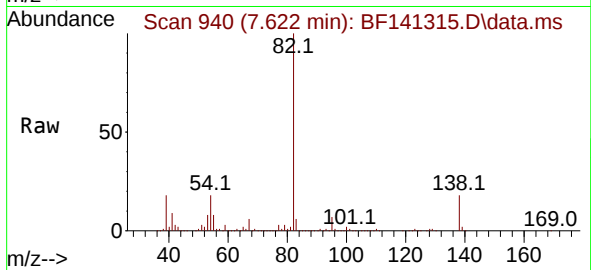
#25
Isophorone
Concen: 39.569 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion: 82 Resp: 86919
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 18.0 14.7 22.1

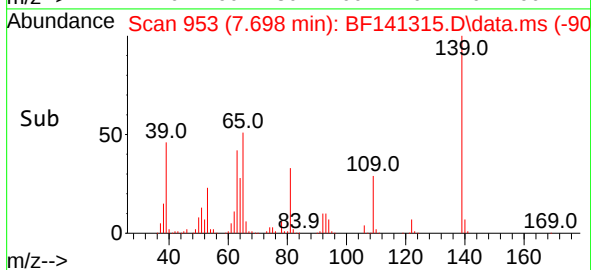
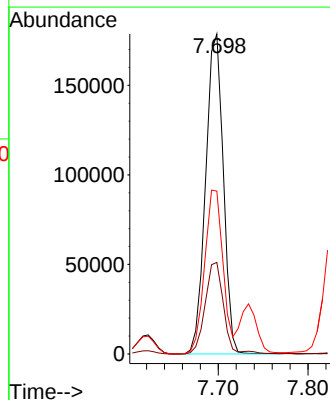
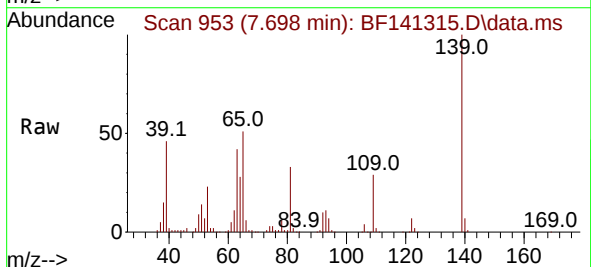
Manual Integrations
APPROVED

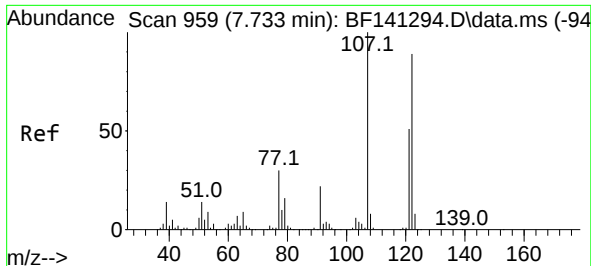
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#26
2-Nitrophenol
Concen: 39.364 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Tgt Ion:139 Resp: 244478
Ion Ratio Lower Upper
139 100
109 28.6 23.8 35.6
65 50.9 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 49.159 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141315.D

Acq: 30 Jan 2025 16:03

Instrument :

BNA_F

ClientSampleId :

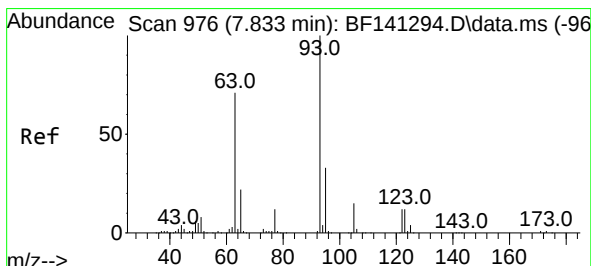
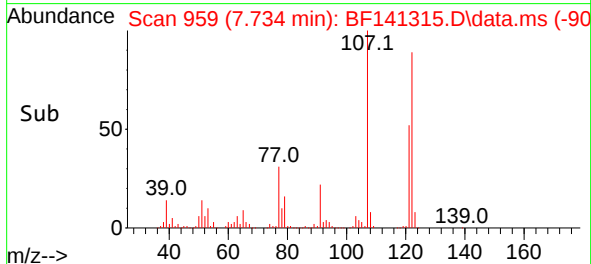
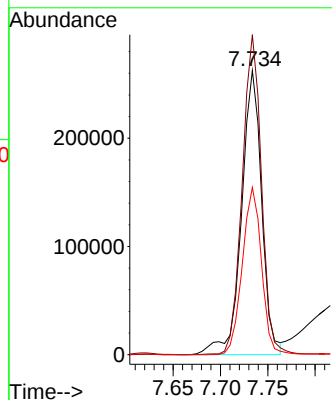
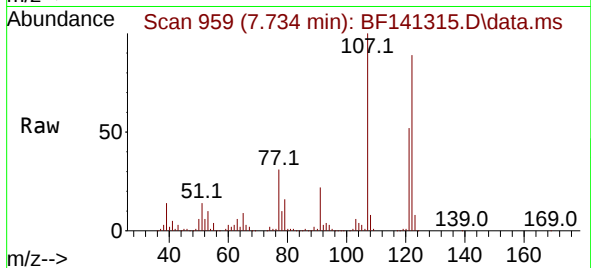
WC-5MS

Tgt Ion:	122	Resp:	38860
Ion Ratio	Lower	Upper	
122	100		
107	112.6	89.9	134.9
121	58.8	46.1	69.1

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 38.703 ng

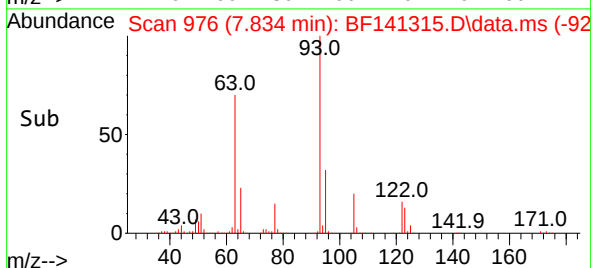
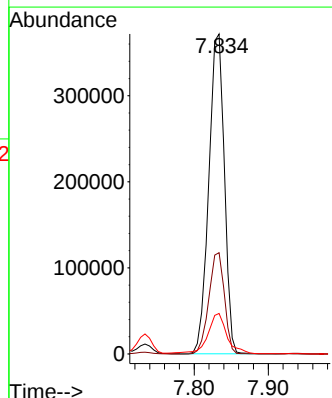
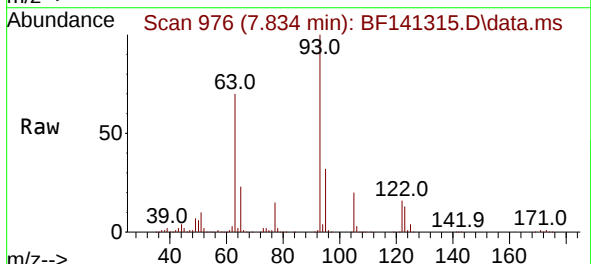
RT: 7.834 min Scan# 976

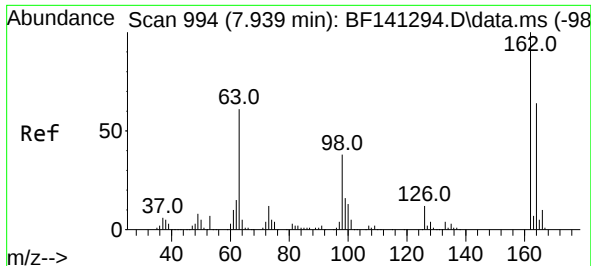
Delta R.T. -0.006 min

Lab File: BF141315.D

Acq: 30 Jan 2025 16:03

Tgt Ion:	93	Resp:	542293
Ion Ratio	Lower	Upper	
93	100		
95	31.6	26.2	39.2
123	12.7	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 38.581 ng

RT: 7.940 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141315.D

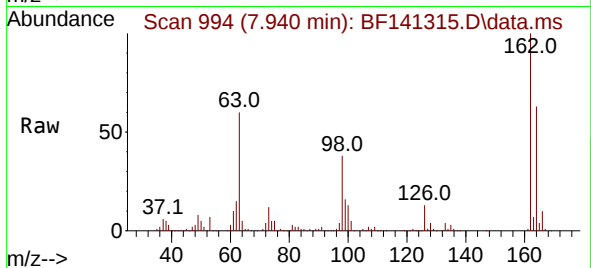
Acq: 30 Jan 2025 16:03

Instrument :

BNA_F

ClientSampleId :

WC-5MS

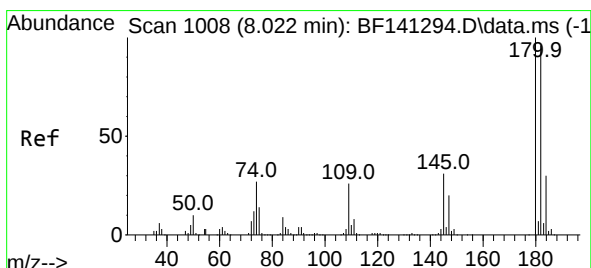
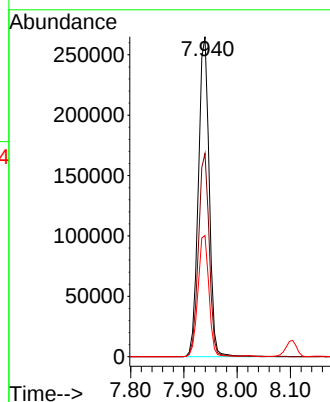
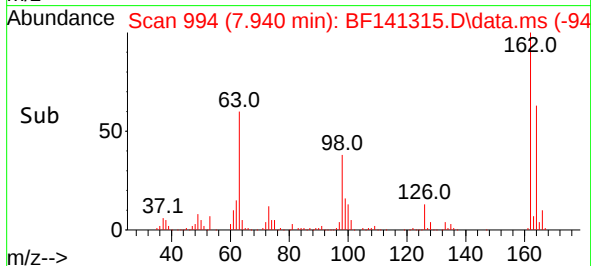


Tgt Ion:	162	Resp:	37337
Ion Ratio	Lower	Upper	
162	100		
164	63.5	44.2	84.2
98	37.9	18.2	58.2

Manual Integrations

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#30

1,2,4-Trichlorobenzene

Concen: 35.701 ng

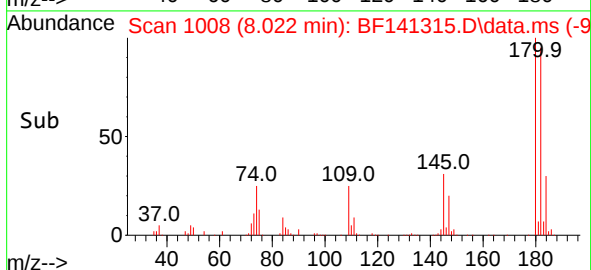
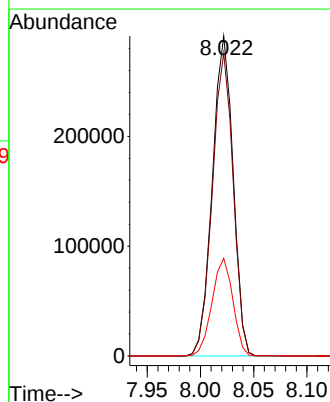
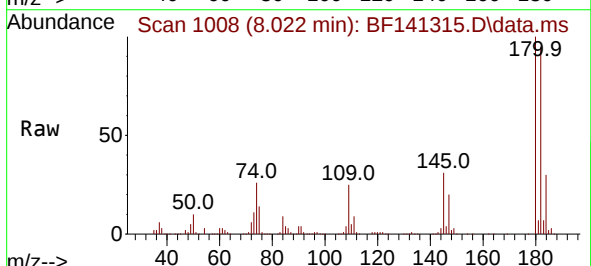
RT: 8.022 min Scan# 1008

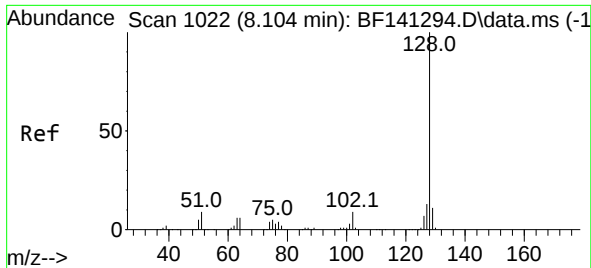
Delta R.T. -0.006 min

Lab File: BF141315.D

Acq: 30 Jan 2025 16:03

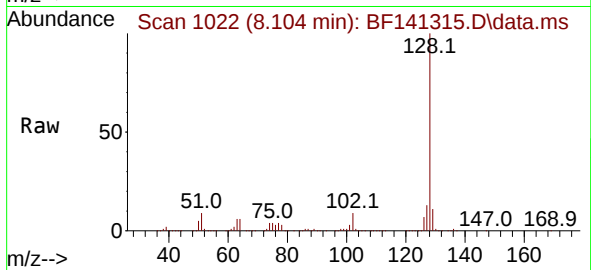
Tgt Ion:	180	Resp:	394571
Ion Ratio	Lower	Upper	
180	100		
182	94.6	76.4	114.6
145	30.5	24.9	37.3





#31
Naphthalene
Concen: 36.821 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

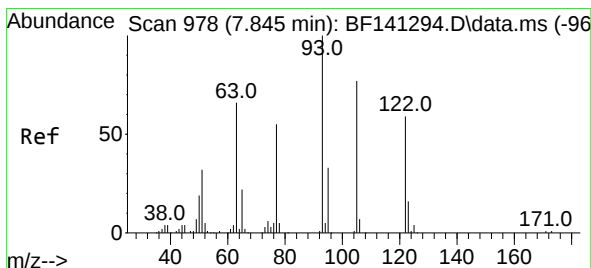
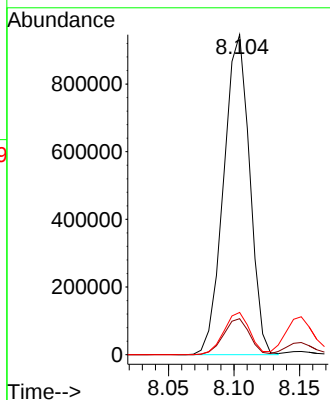
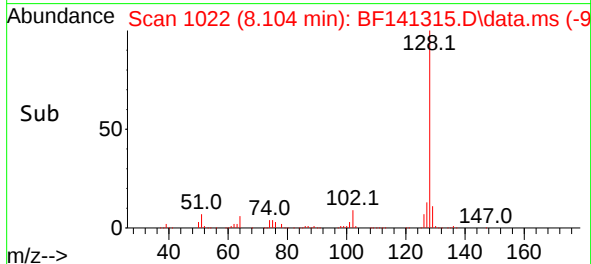
Instrument :
BNA_F
ClientSampleId :
WC-5MS



Tgt Ion:128 Resp: 1303050
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.6 15.8

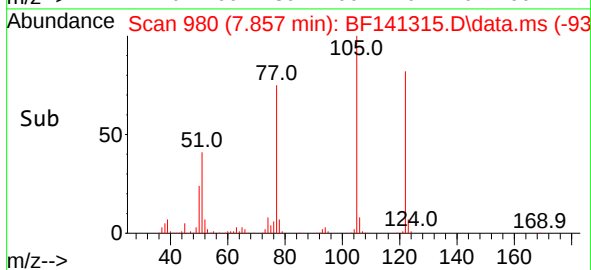
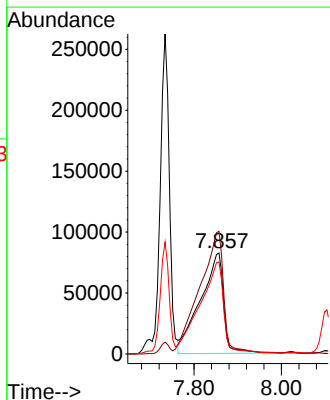
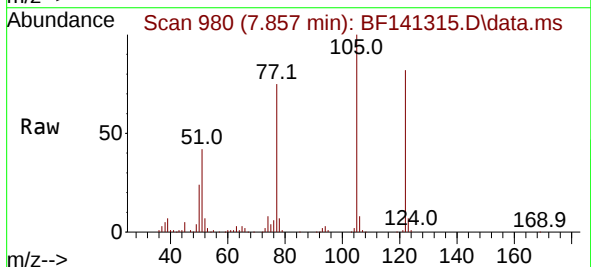
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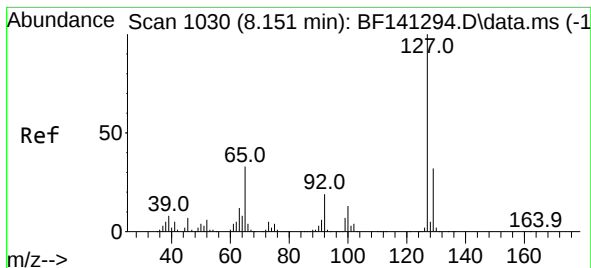
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#32
Benzoic acid
Concen: 42.076 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.024 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Tgt Ion:122 Resp: 305768
Ion Ratio Lower Upper
122 100
105 121.4 103.4 143.4
77 91.1 70.9 110.9





#33

4-Chloroaniline

Concen: 15.069 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF141315.D

Acq: 30 Jan 2025 16:03

Instrument :

BNA_F

ClientSampleId :

WC-5MS

Tgt Ion:127 Resp: 18083

Ion Ratio Lower Upper

127 100

129 32.3 25.7 38.5

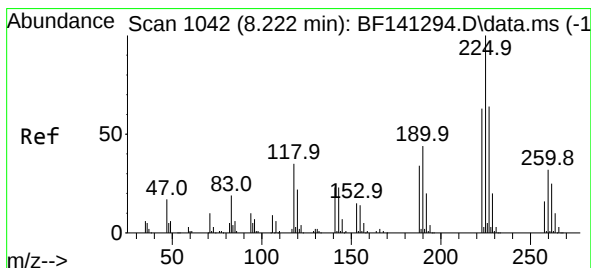
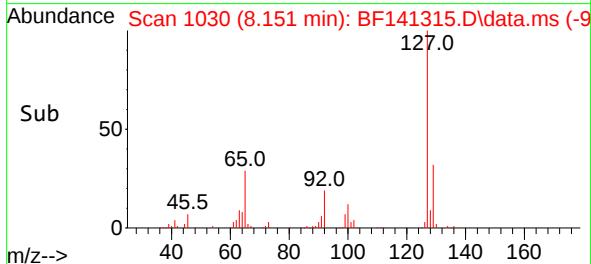
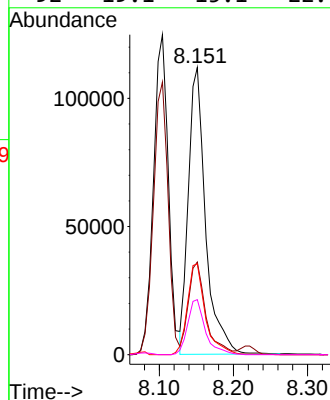
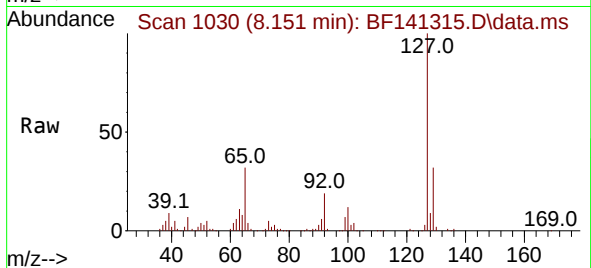
65 31.6 26.4 39.6

92 19.1 15.1 22.7

Manual Integrations

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



#34

Hexachlorobutadiene

Concen: 36.240 ng

RT: 8.222 min Scan# 1042

Delta R.T. -0.000 min

Lab File: BF141315.D

Acq: 30 Jan 2025 16:03

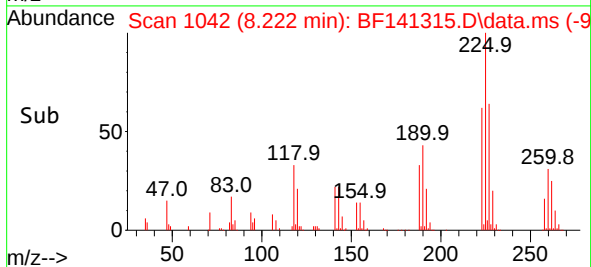
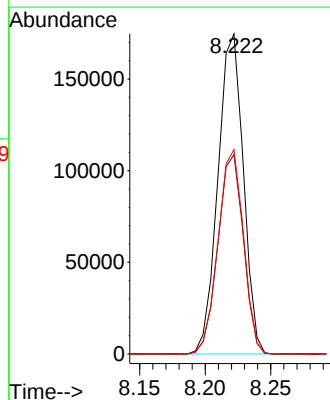
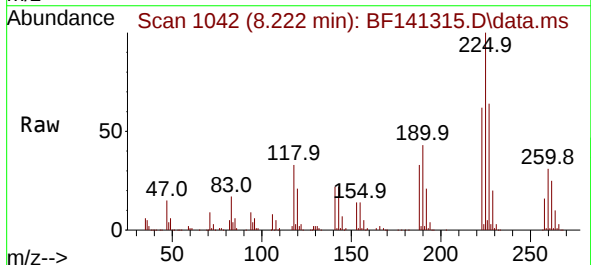
Tgt Ion:225 Resp: 234884

Ion Ratio Lower Upper

225 100

223 62.2 50.4 75.6

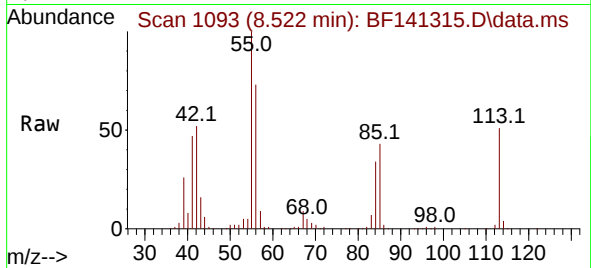
227 63.8 51.3 76.9





#35
Caprolactam
Concen: 42.993 ng m
RT: 8.522 min Scan# 1093
Delta R.T. -0.024 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

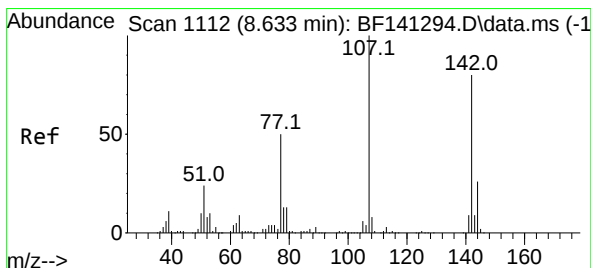
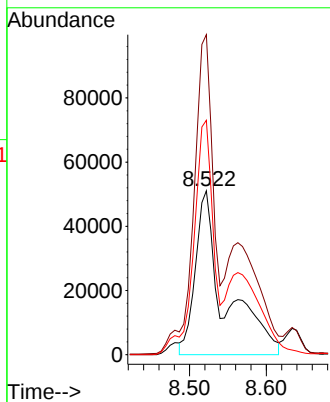
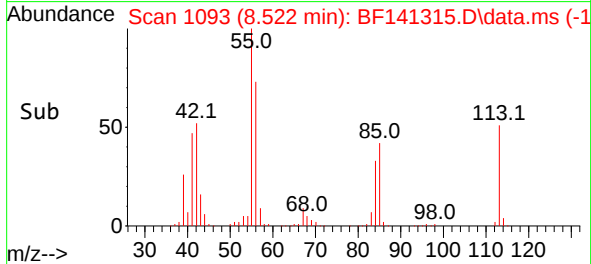
Instrument :
BNA_F
ClientSampleId :
WC-5MS



Tgt Ion:113 Resp: 13588
Ion Ratio Lower Upper
113 100
55 195.4 182.9 222.9
56 143.1 127.9 167.9

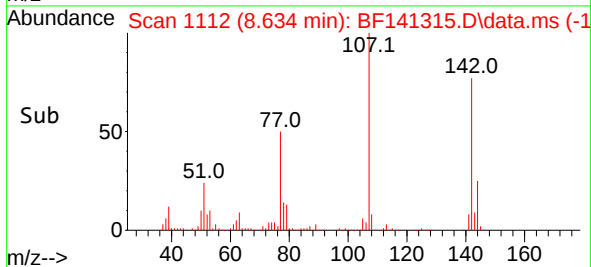
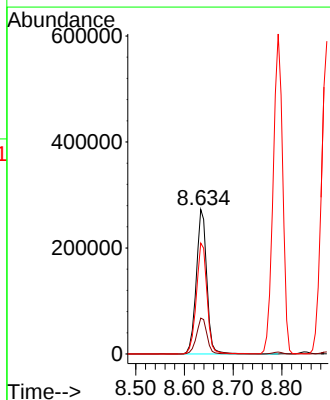
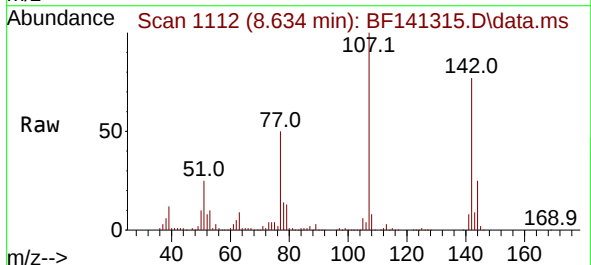
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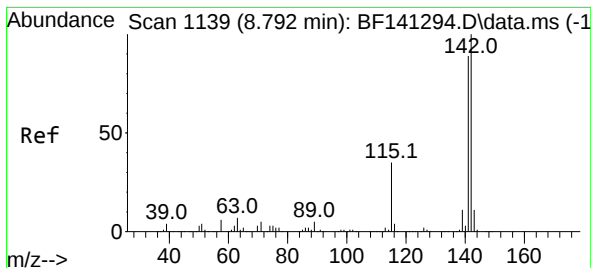
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#36
4-Chloro-3-methylphenol
Concen: 39.492 ng
RT: 8.634 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

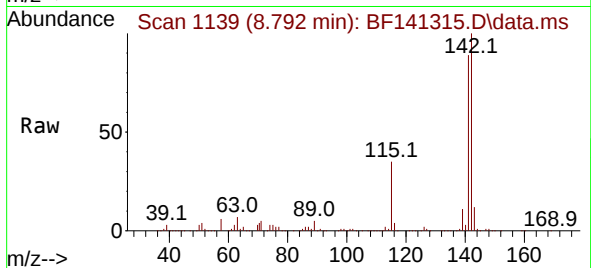
Tgt Ion:107 Resp: 409952
Ion Ratio Lower Upper
107 100
144 24.8 20.7 31.1
142 76.8 63.8 95.8





#37
2-Methylnaphthalene
Concen: 36.379 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

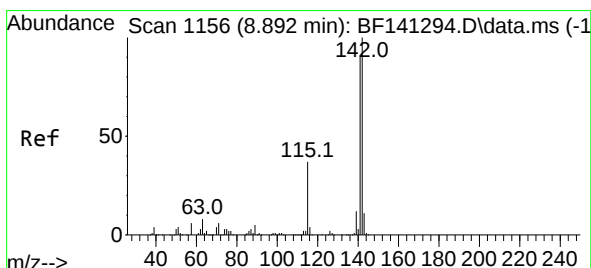
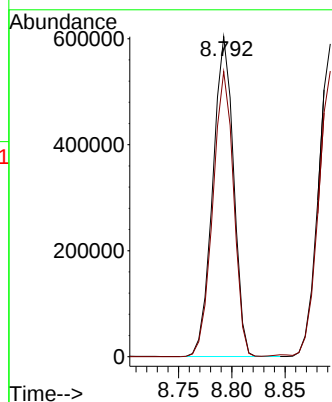
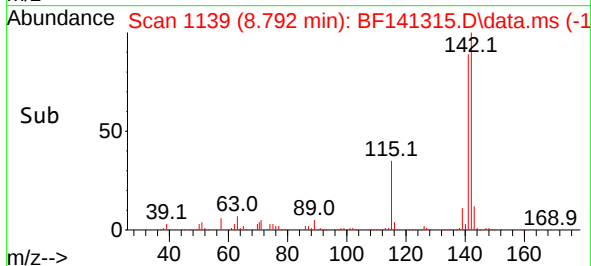
Instrument :
BNA_F
ClientSampleId :
WC-5MS



Tgt Ion:142 Resp: 818250
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9

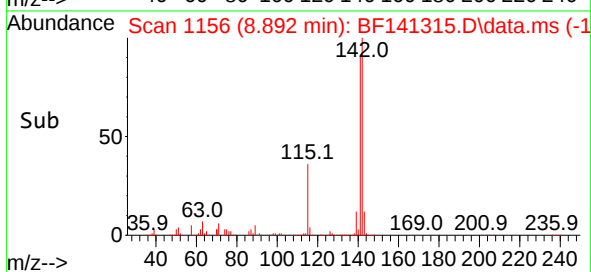
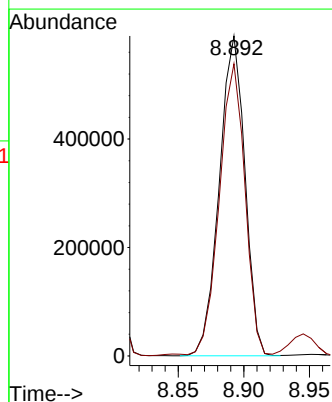
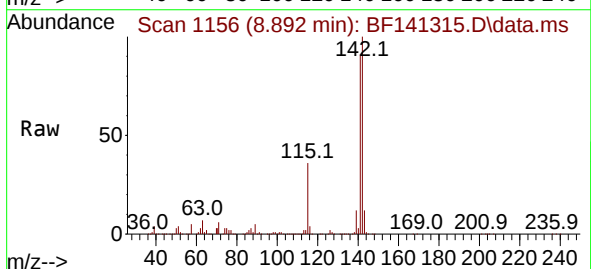
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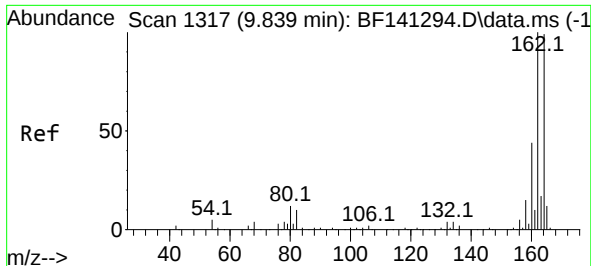
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#38
1-Methylnaphthalene
Concen: 36.203 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

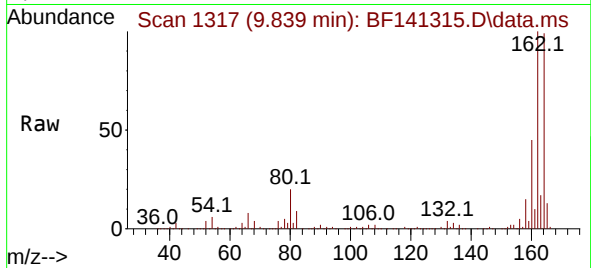
Tgt Ion:142 Resp: 799890
Ion Ratio Lower Upper
142 100
141 91.3 73.2 109.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

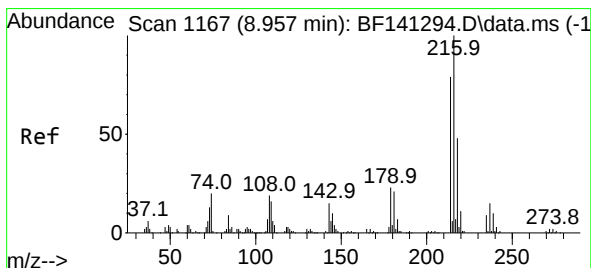
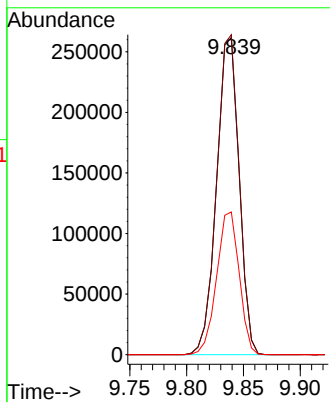
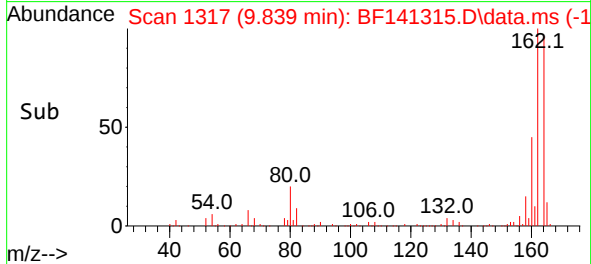
Instrument :
BNA_F
ClientSampleId :
WC-5MS



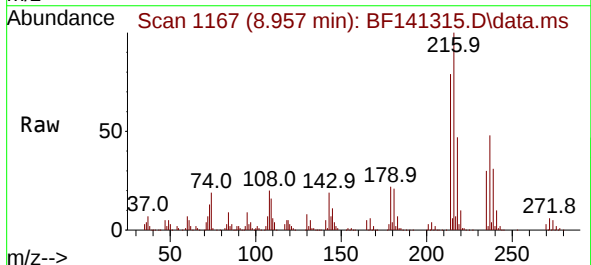
Tgt Ion:164 Resp: 361408
Ion Ratio Lower Upper
164 100
162 100.9 80.6 121.0
160 45.0 35.8 53.6

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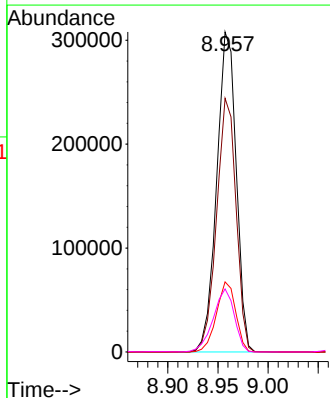
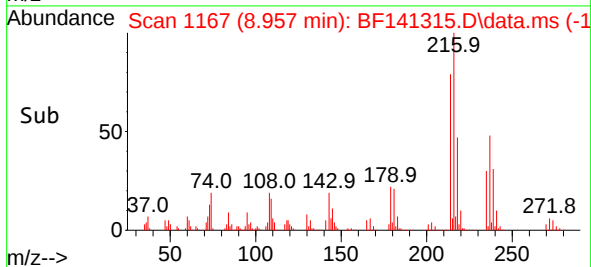
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.479 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03



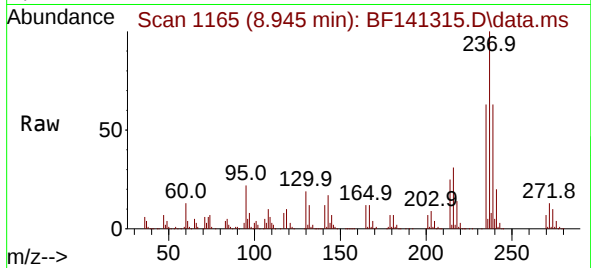
Tgt Ion:216 Resp: 416191
Ion Ratio Lower Upper
216 100
214 79.0 63.2 94.8
179 21.7 17.8 26.8
108 21.4 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 147.988 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

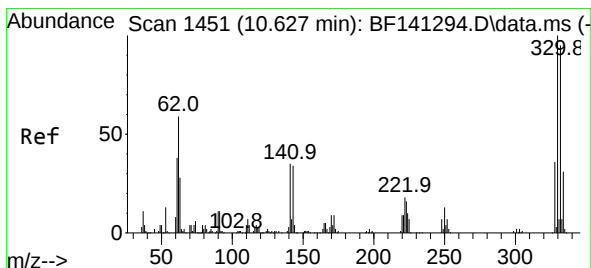
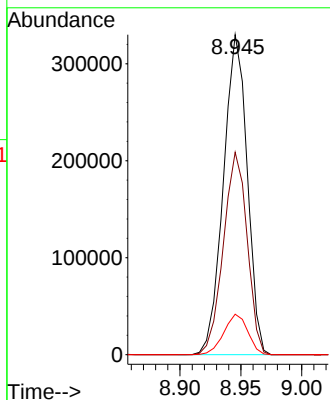
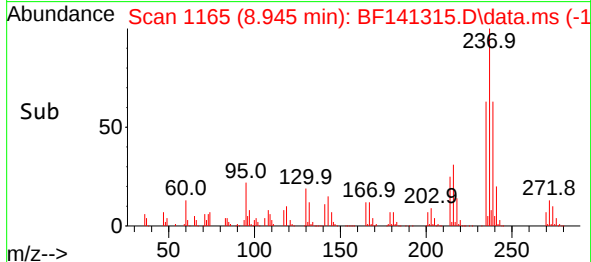
Instrument :
BNA_F
ClientSampleId :
WC-5MS



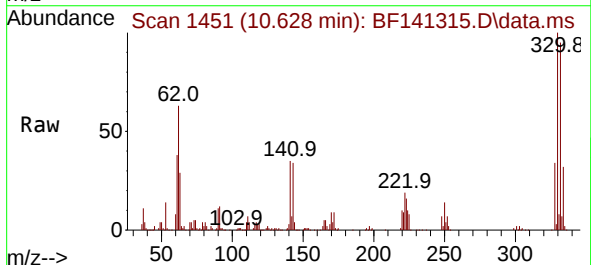
Tgt Ion:237 Resp: 449360
Ion Ratio Lower Upper
237 100
235 63.2 42.9 82.9
272 12.6 0.0 32.8

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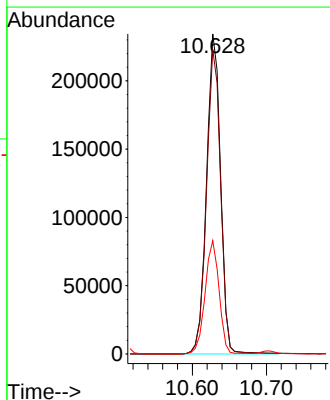
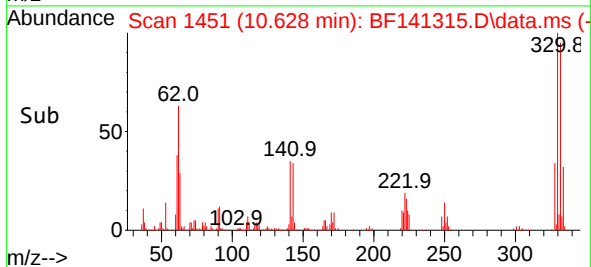
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#42
2,4,6-Tribromophenol
Concen: 93.300 ng
RT: 10.628 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03



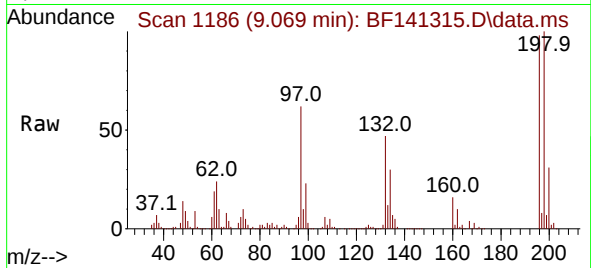
Tgt Ion:330 Resp: 309128
Ion Ratio Lower Upper
330 100
332 95.9 76.1 114.1
141 35.4 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 40.323 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

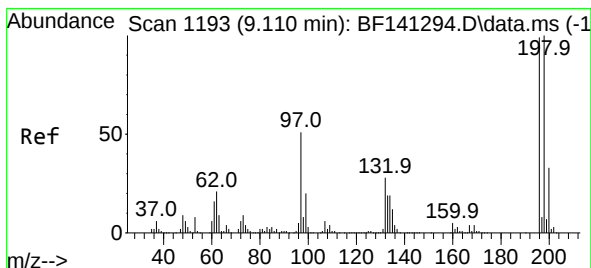
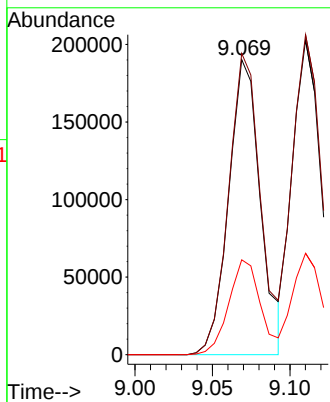
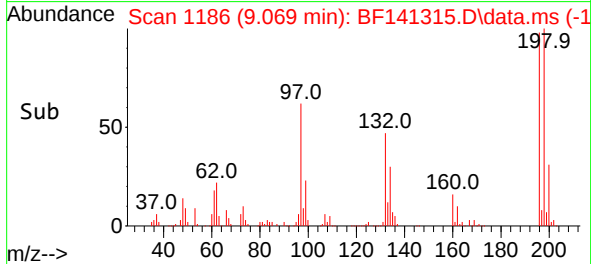
Instrument :
BNA_F
ClientSampleId :
WC-5MS



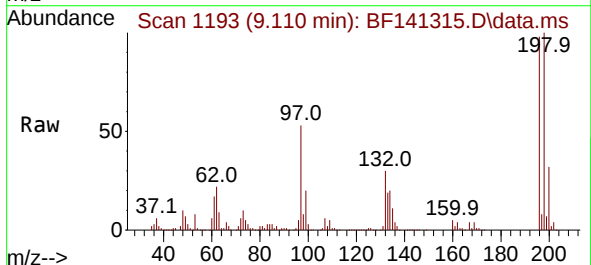
Tgt Ion:196 Resp: 27136
Ion Ratio Lower Upper
196 100
198 102.2 81.8 122.6
200 32.2 26.3 39.5

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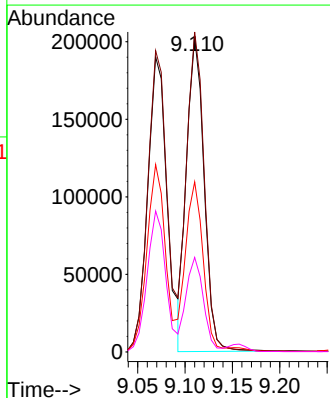
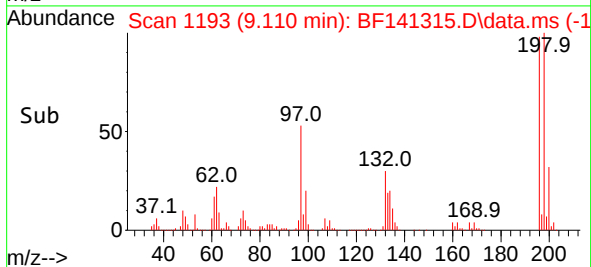
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

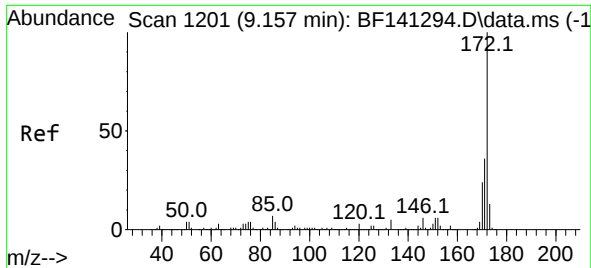


#44
2,4,5-Trichlorophenol
Concen: 35.851 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03



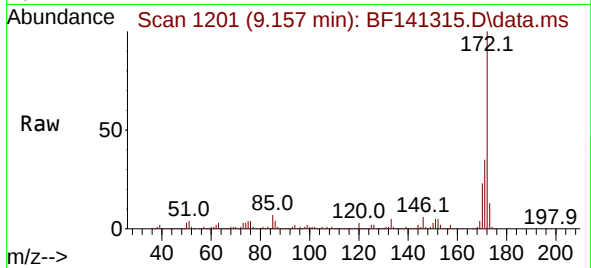
Tgt Ion:196 Resp: 262590
Ion Ratio Lower Upper
196 100
198 101.7 80.5 120.7
97 54.1 42.8 64.2
132 30.1 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 57.384 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

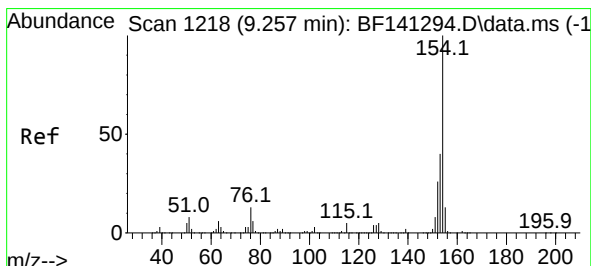
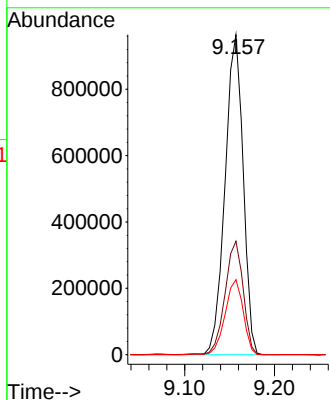
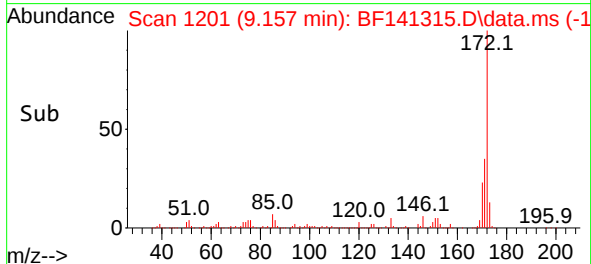
Instrument :
BNA_F
ClientSampleId :
WC-5MS



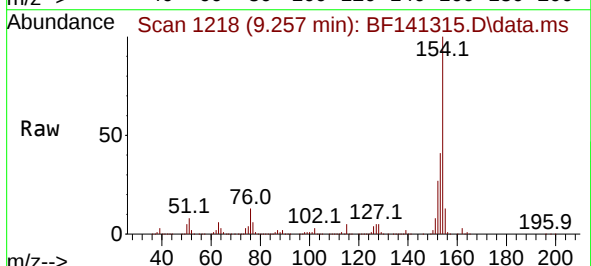
Tgt Ion:172 Resp: 1347404
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.5 19.0 28.6

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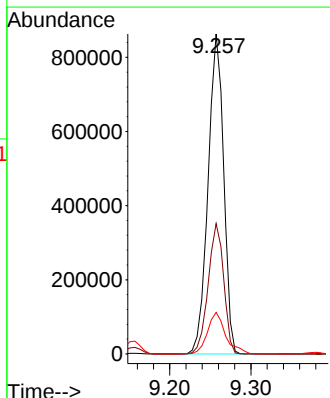
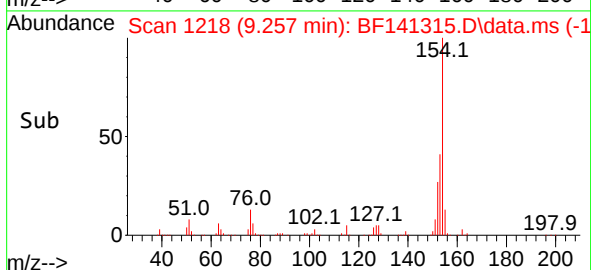
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#46
1,1'-Biphenyl
Concen: 40.745 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03



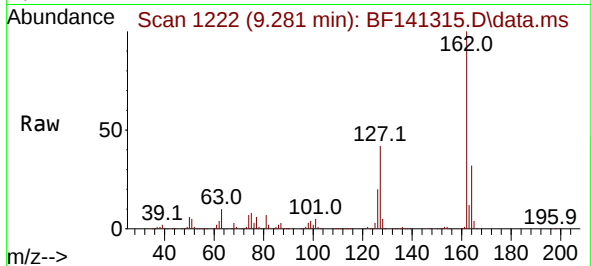
Tgt Ion:154 Resp: 1148416
Ion Ratio Lower Upper
154 100
153 40.7 20.0 60.0
76 13.0 0.0 32.8





#47
2-Chloronaphthalene
Concen: 36.241 ng
RT: 9.281 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

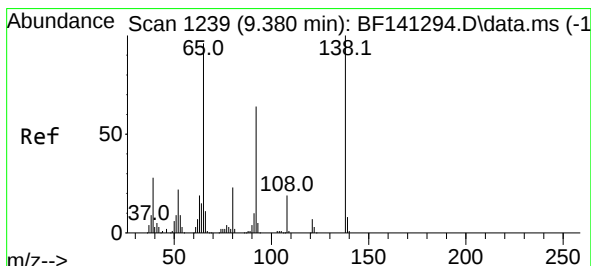
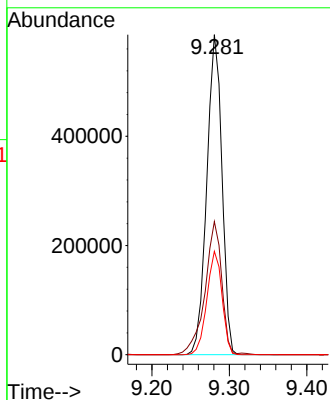
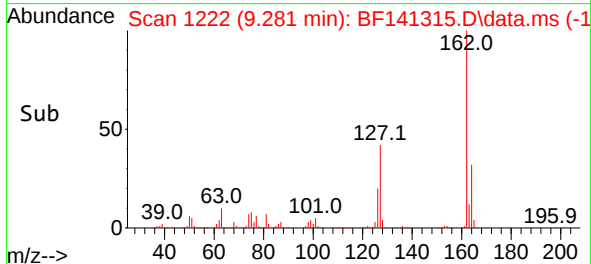
Instrument :
BNA_F
ClientSampleId :
WC-5MS



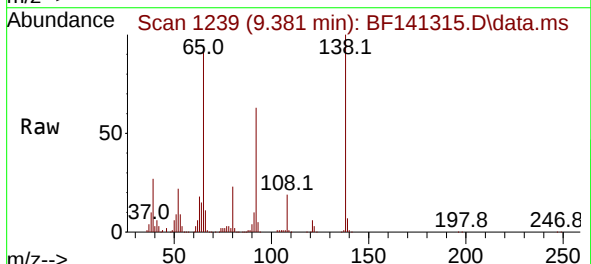
Tgt Ion:162 Resp: 796174
Ion Ratio Lower Upper
162 100
127 41.6 33.7 50.5
164 32.3 25.9 38.9

Manual Integrations
APPROVED

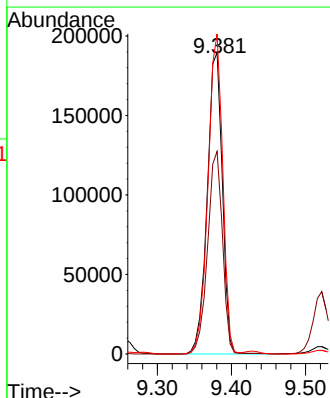
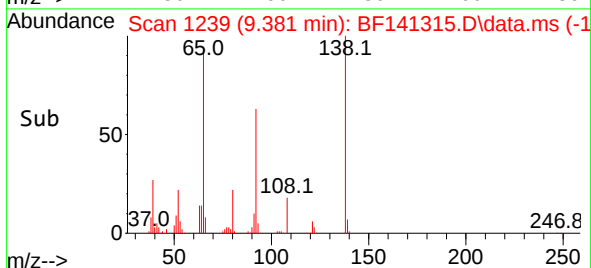
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#48
2-Nitroaniline
Concen: 38.862 ng
RT: 9.381 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03



Tgt Ion: 65 Resp: 268545
Ion Ratio Lower Upper
65 100
92 67.2 53.3 79.9
138 106.1 83.6 125.4





#49

Acenaphthylene

Concen: 40.194 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF141315.D

Acq: 30 Jan 2025 16:03

Instrument :

BNA_F

ClientSampleId :

WC-5MS

Tgt Ion:152 Resp: 1236080

Ion Ratio Lower Upper

152 100

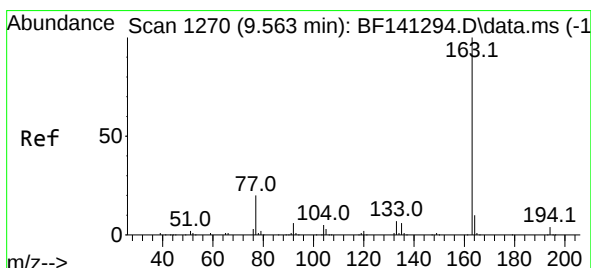
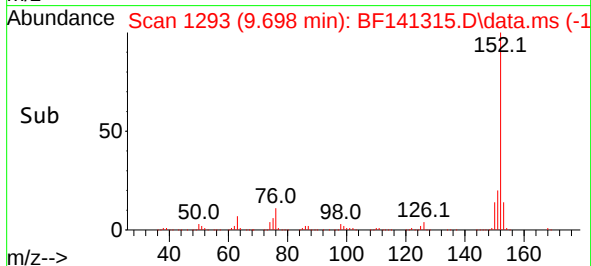
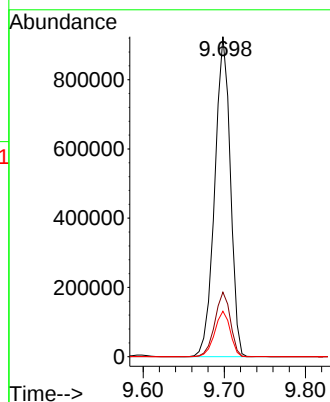
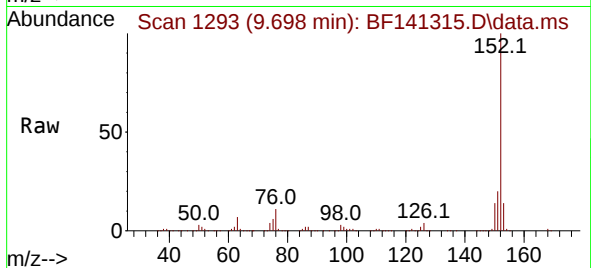
151 20.2 16.2 24.2

153 14.2 11.0 16.6

Manual Integrations

APPROVED

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



#50

Dimethylphthalate

Concen: 38.156 ng

RT: 9.563 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF141315.D

Acq: 30 Jan 2025 16:03

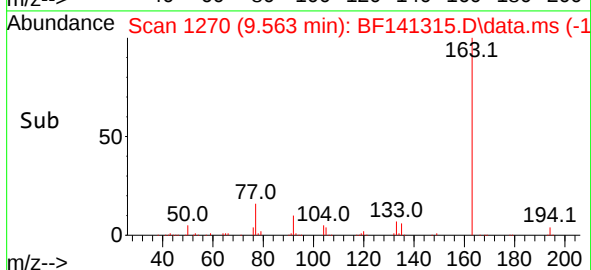
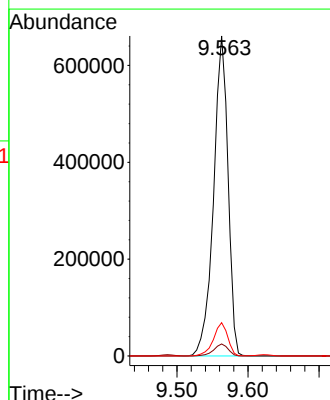
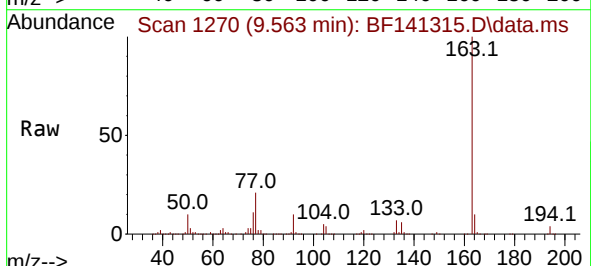
Tgt Ion:163 Resp: 931376

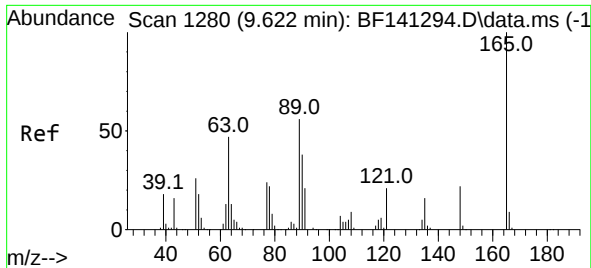
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.4 8.0 12.0





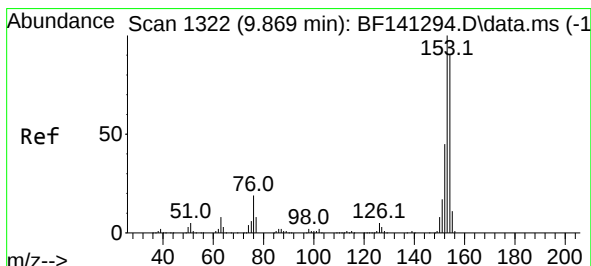
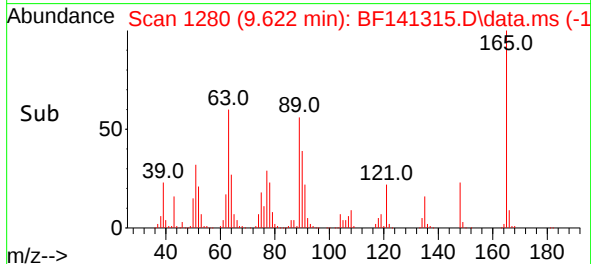
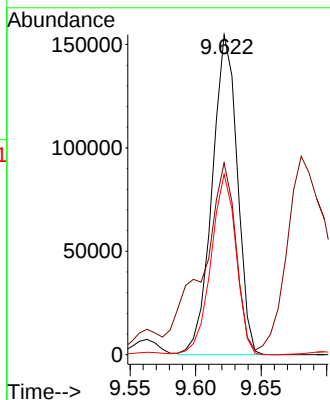
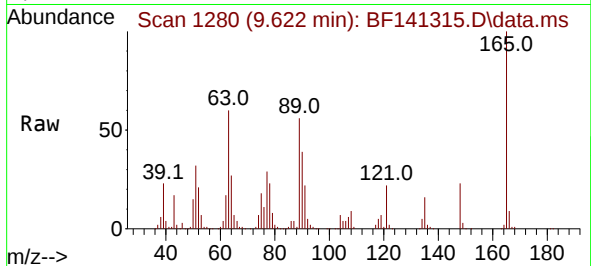
#51
2,6-Dinitrotoluene
Concen: 36.359 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion:165 Resp: 206068
Ion Ratio Lower Upper
165 100
63 60.0 48.1 72.1
89 56.4 44.9 67.3

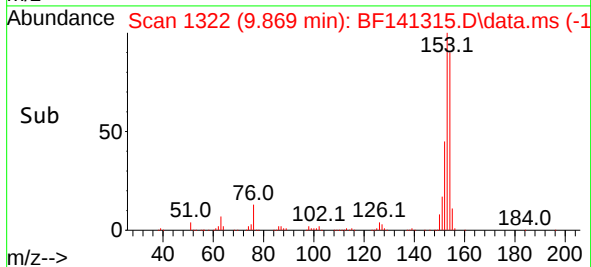
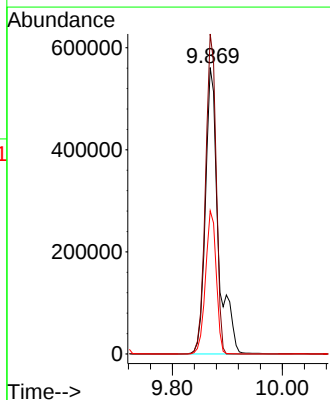
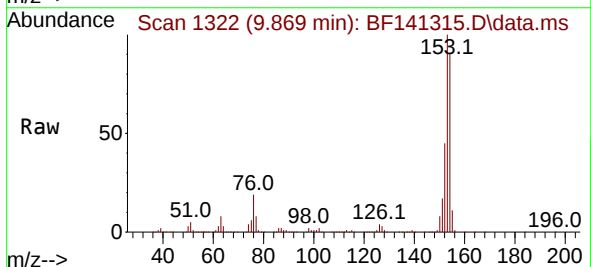
Manual Integrations
APPROVED

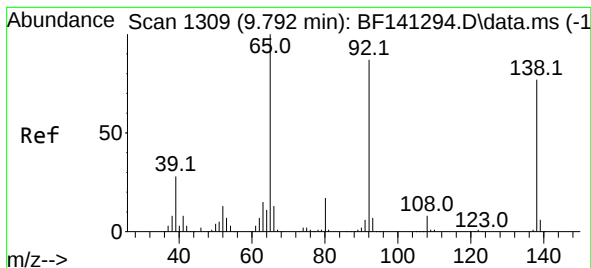
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#52
Acenaphthene
Concen: 41.441 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Tgt Ion:154 Resp: 910445
Ion Ratio Lower Upper
154 100
153 111.7 89.0 133.4
152 50.0 40.2 60.4





#53

3-Nitroaniline

Concen: 17.902 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141315.D

Acq: 30 Jan 2025 16:03

Instrument :

BNA_F

ClientSampleId :

WC-5MS

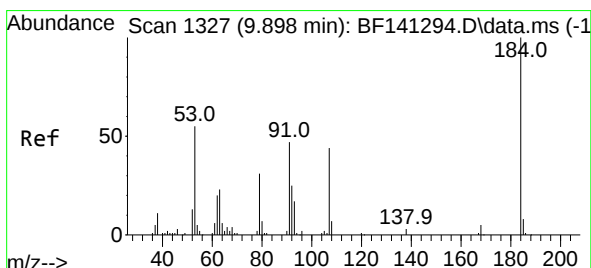
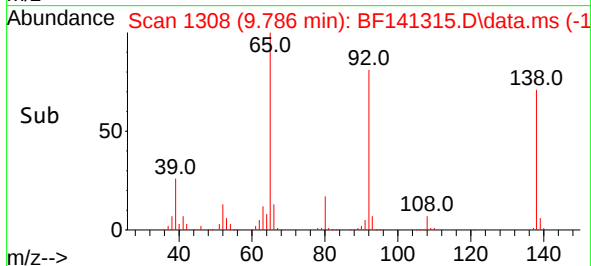
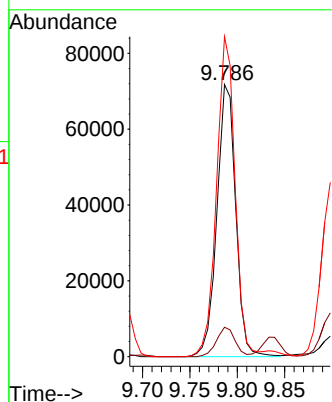
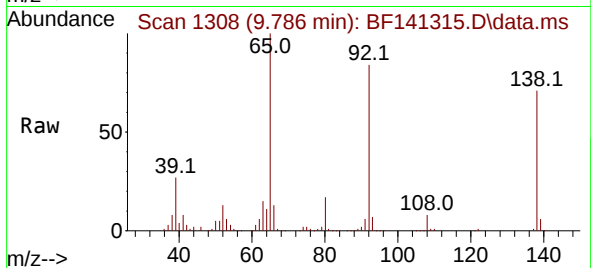
Tgt Ion:138 Resp: 9944

Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.6	12.8
92	117.5	91.0	136.6

Manual Integrations

APPROVED

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



#54

2,4-Dinitrophenol

Concen: 93.333 ng

RT: 9.898 min Scan# 1327

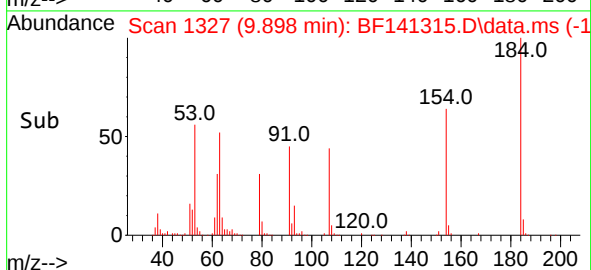
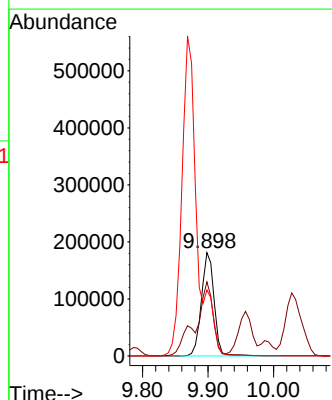
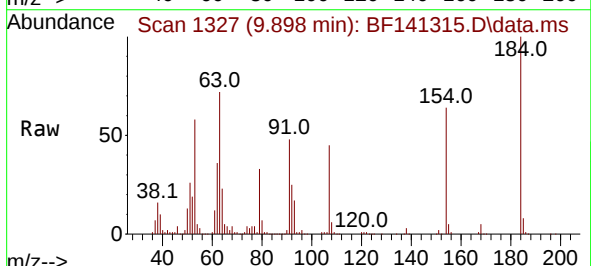
Delta R.T. -0.006 min

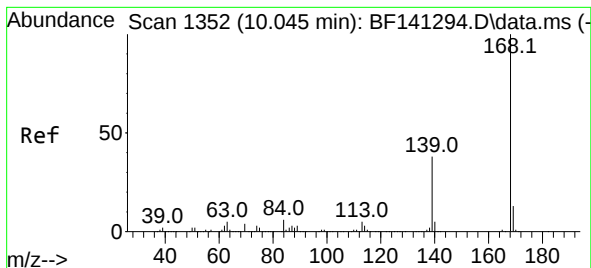
Lab File: BF141315.D

Acq: 30 Jan 2025 16:03

Tgt Ion:184 Resp: 245895

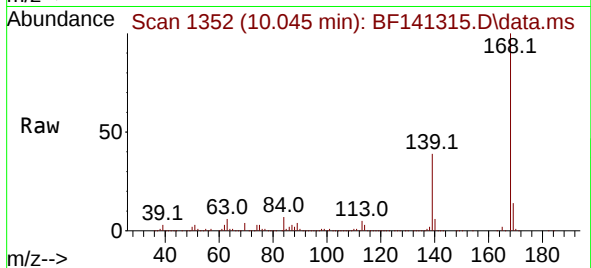
Ion	Ratio	Lower	Upper
184	100		
63	71.7	54.1	81.1
154	63.8	50.7	76.1





#55
Dibenzenofuran
Concen: 37.190 ng
RT: 10.045 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

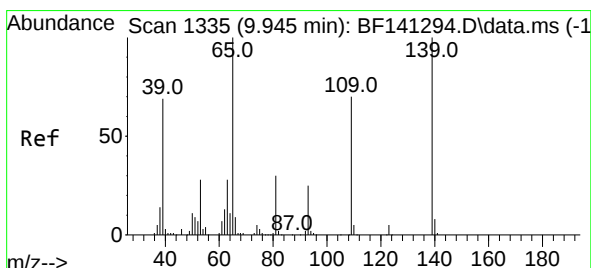
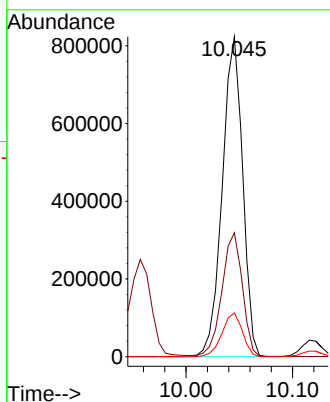
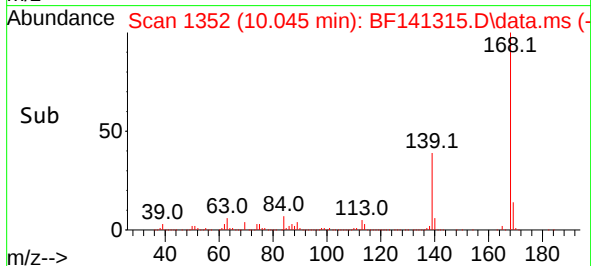
Instrument :
BNA_F
ClientSampleId :
WC-5MS



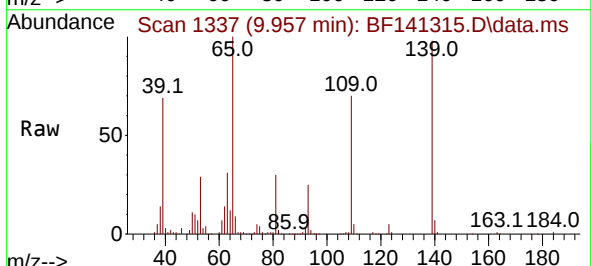
Tgt Ion:168 Resp: 109367
Ion Ratio Lower Upper
168 100
139 38.8 30.6 46.0
169 13.7 10.8 16.2

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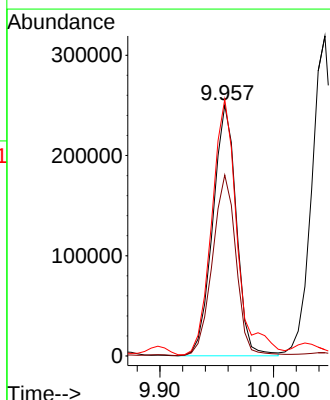
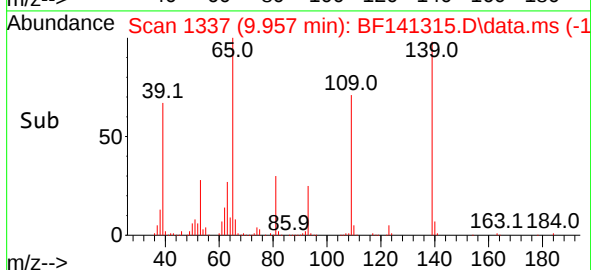
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

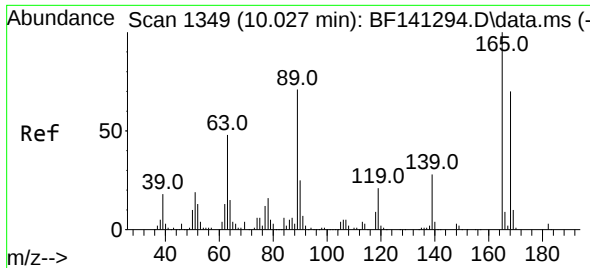


#56
4-Nitrophenol
Concen: 88.860 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03



Tgt Ion:139 Resp: 360991
Ion Ratio Lower Upper
139 100
109 72.2 50.2 90.2
65 102.4 80.6 120.6





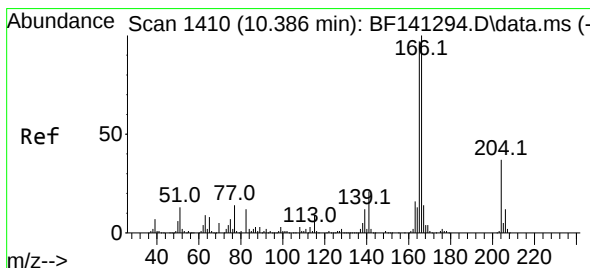
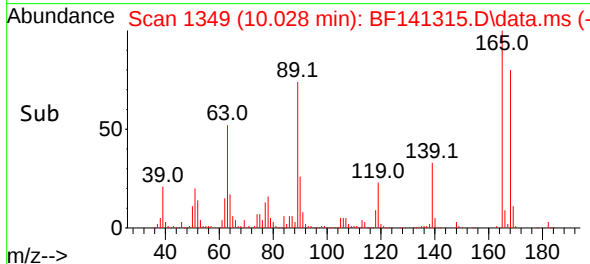
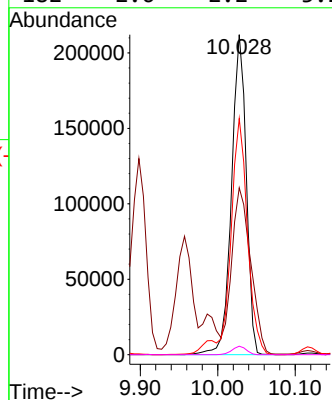
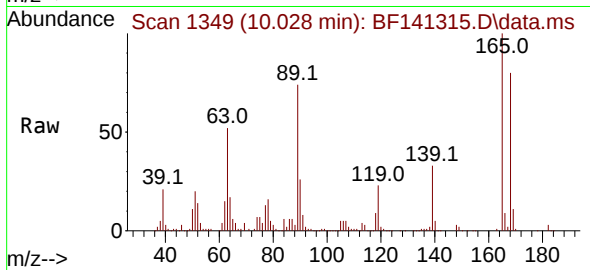
#57
2,4-Dinitrotoluene
Concen: 38.281 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion:165 Resp: 28090
Ion Ratio Lower Upper
165 100
63 52.1 39.2 58.8
89 73.8 56.9 85.3
182 2.6 2.2 3.2

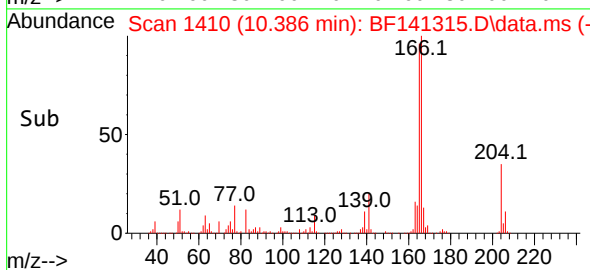
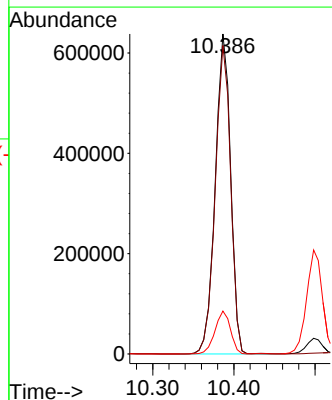
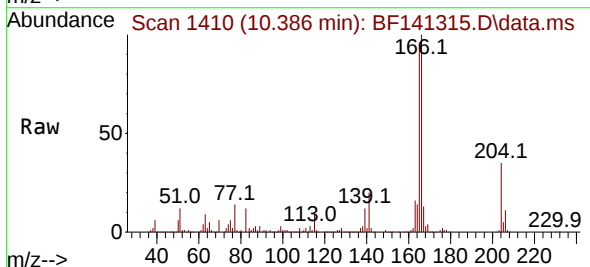
Manual Integrations
APPROVED

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



#58
Fluorene
Concen: 36.844 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

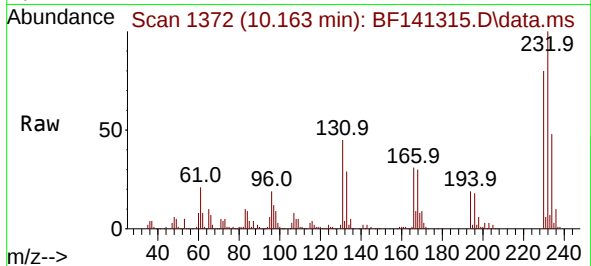
Tgt Ion:166 Resp: 840449
Ion Ratio Lower Upper
166 100
165 96.4 77.5 116.3
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.247 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

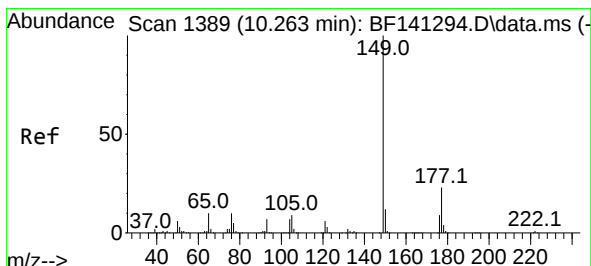
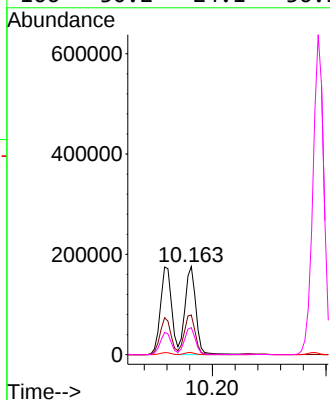
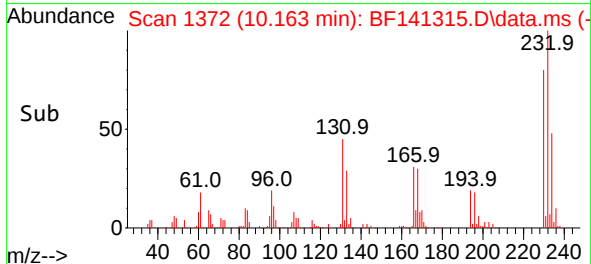
Instrument :
BNA_F
ClientSampleId :
WC-5MS



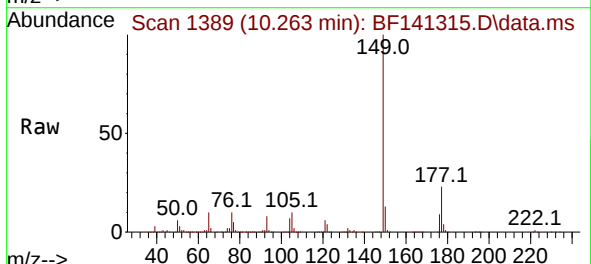
Tgt Ion:232 Resp: 23191
Ion Ratio Lower Upper
232 100
131 46.0 36.4 54.6
130 2.4 1.9 2.9
166 30.2 24.1 36.1

Manual Integrations
APPROVED

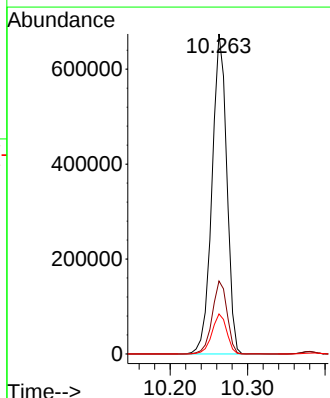
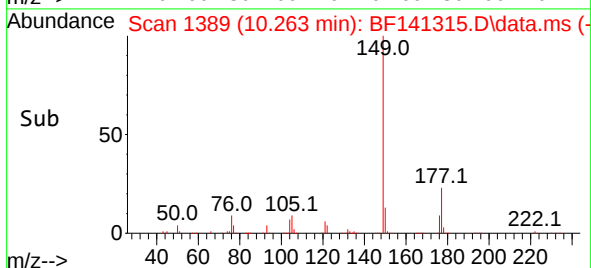
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

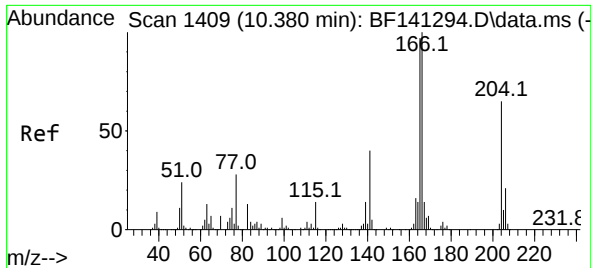


#60
Diethylphthalate
Concen: 37.755 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03



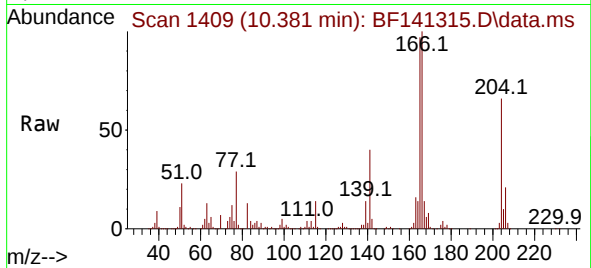
Tgt Ion:149 Resp: 893576
Ion Ratio Lower Upper
149 100
177 22.8 18.5 27.7
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 36.376 ng
RT: 10.381 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

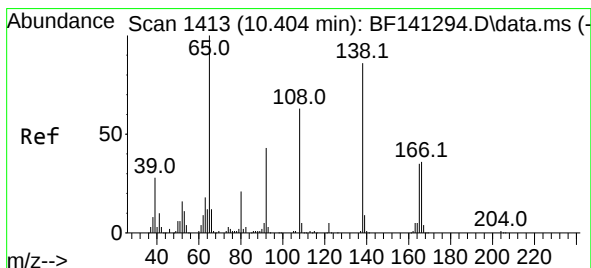
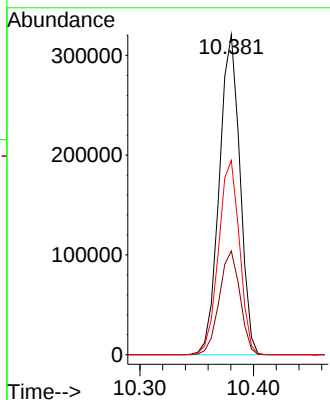
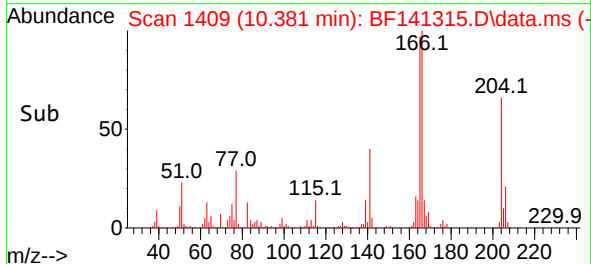
Instrument :
BNA_F
ClientSampleId :
WC-5MS



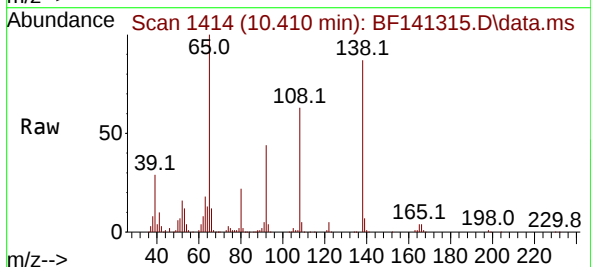
Tgt Ion:204 Resp: 405320
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 60.7 49.5 74.3

Manual Integrations
APPROVED

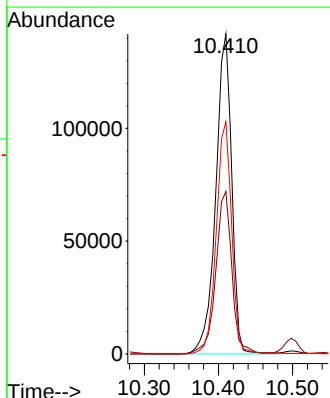
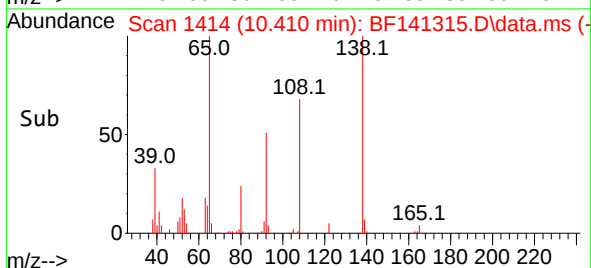
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

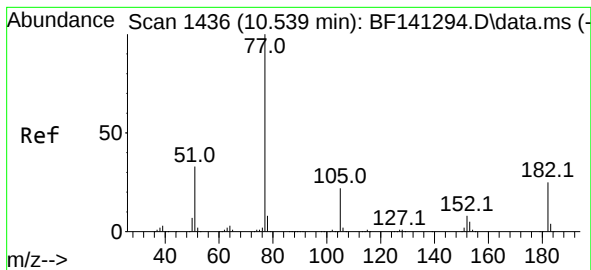


#62
4-Nitroaniline
Concen: 38.819 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03



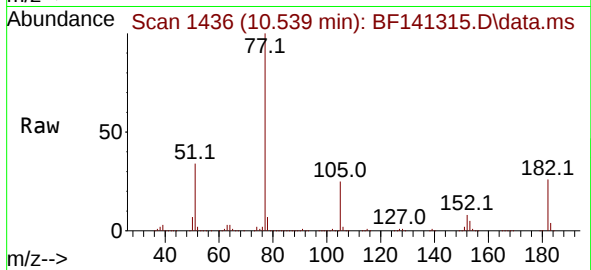
Tgt Ion:138 Resp: 211996
Ion Ratio Lower Upper
138 100
92 50.8 30.1 70.1
108 72.5 53.1 93.1





#63
Azobenzene
Concen: 43.776 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

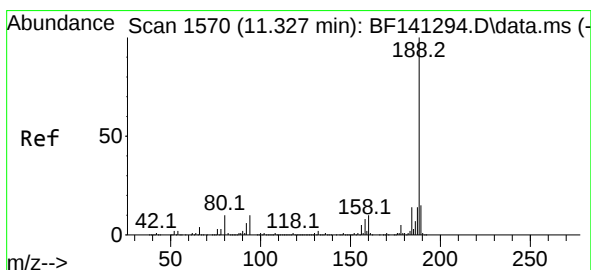
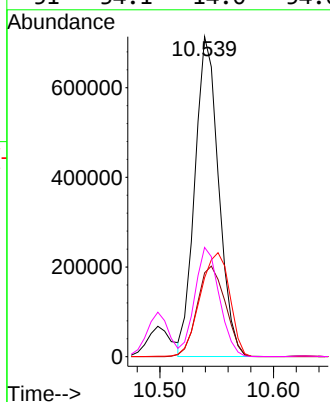
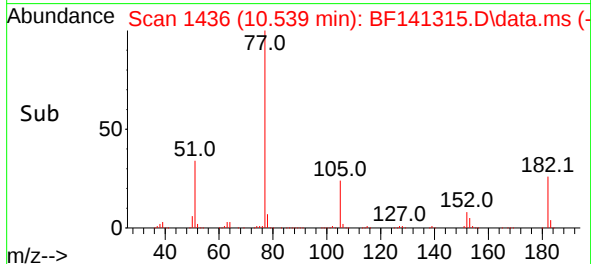
Instrument :
BNA_F
ClientSampleId :
WC-5MS



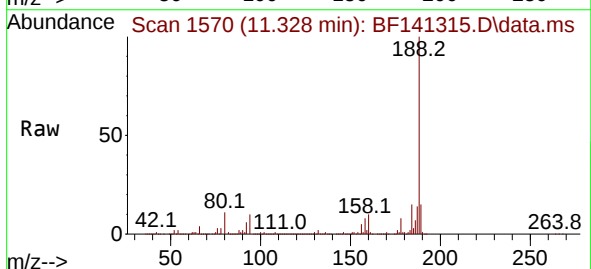
Tgt Ion: 77 Resp: 1037084
Ion Ratio Lower Upper
77 100
182 26.2 5.1 45.1
105 24.7 1.8 41.8
51 34.1 14.0 54.0

Manual Integrations
APPROVED

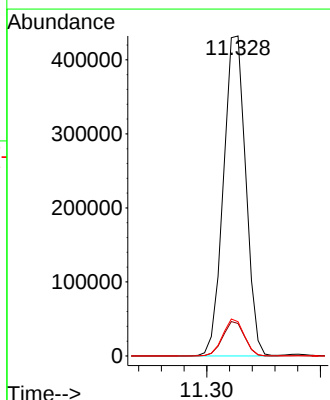
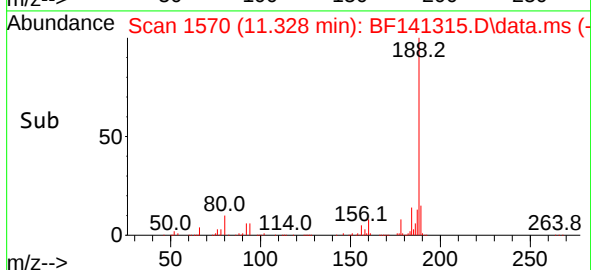
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

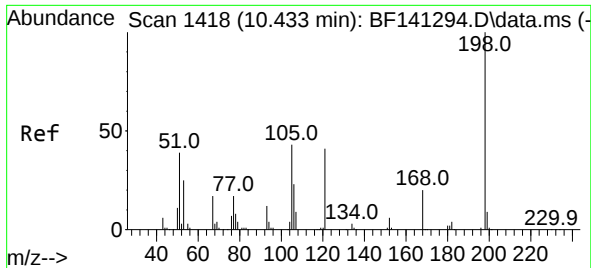


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03



Tgt Ion:188 Resp: 589870
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 10.7 8.2 12.4





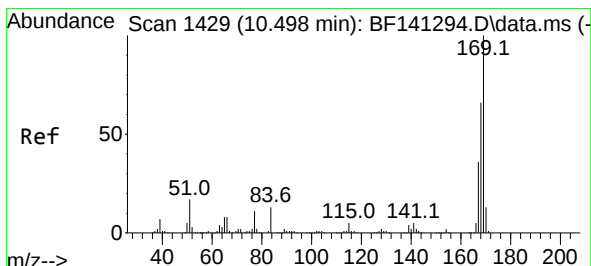
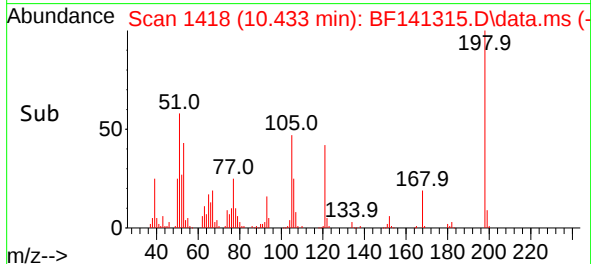
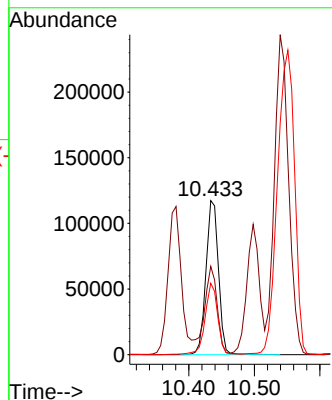
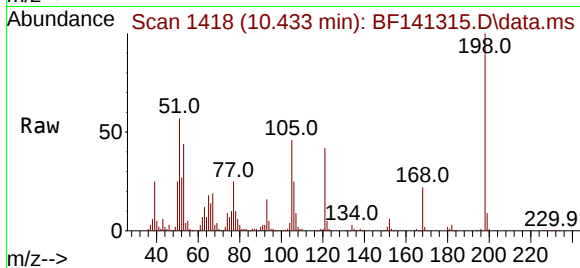
#65
4,6-Dinitro-2-methylphenol
Concen: 44.747 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion:198 Resp: 156125
Ion Ratio Lower Upper
198 100
51 57.2 33.4 73.4
105 46.3 24.4 64.4

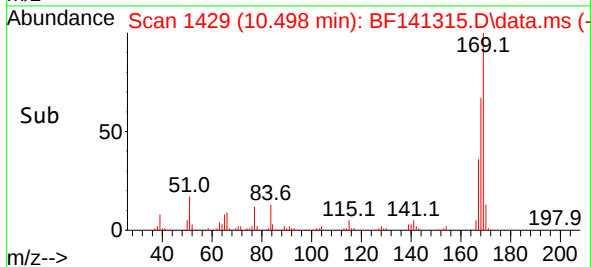
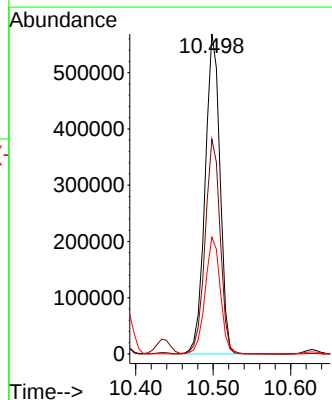
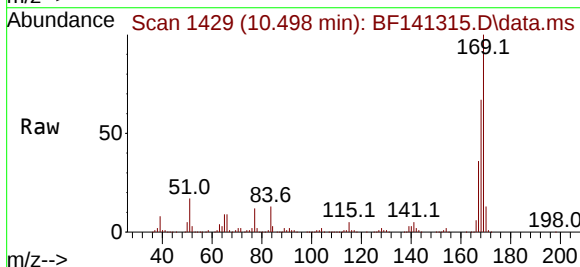
Manual Integrations
APPROVED

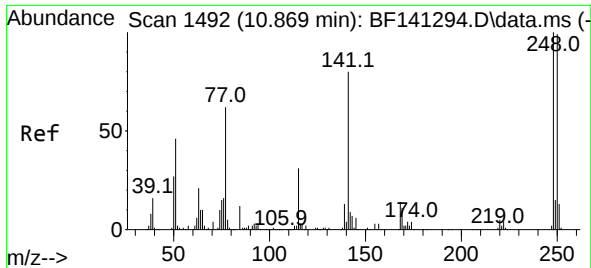
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#66
n-Nitrosodiphenylamine
Concen: 39.707 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

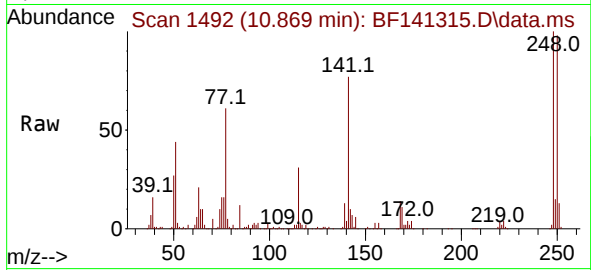
Tgt Ion:169 Resp: 757543
Ion Ratio Lower Upper
169 100
168 67.1 53.0 79.4
167 36.5 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 39.142 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

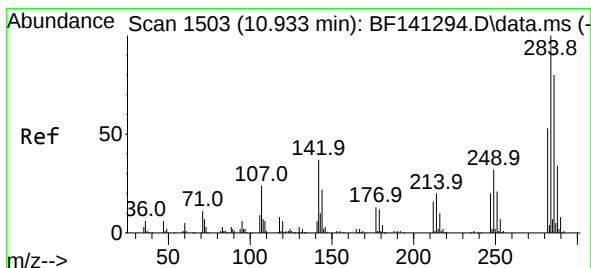
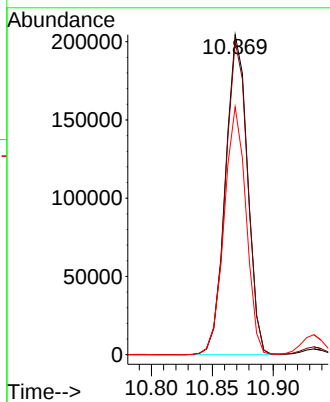
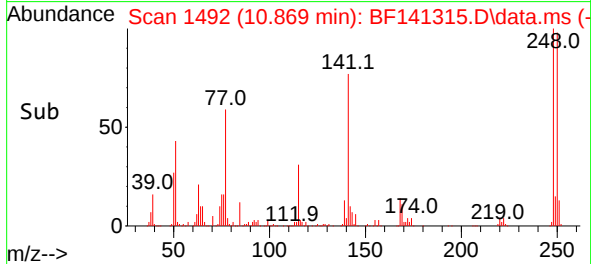
Instrument :
BNA_F
ClientSampleId :
WC-5MS



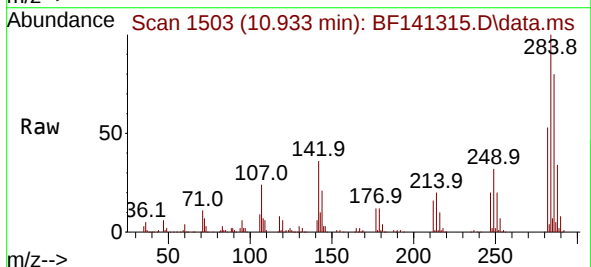
Tgt Ion:248 Resp: 25848
Ion Ratio Lower Upper
248 100
250 98.0 79.0 118.4
141 77.4 63.7 95.5

Manual Integrations
APPROVED

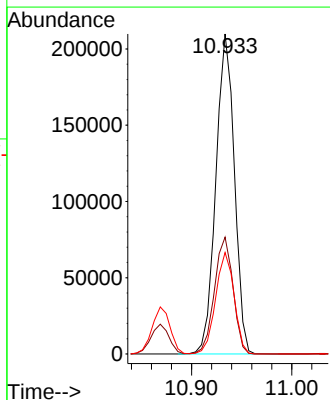
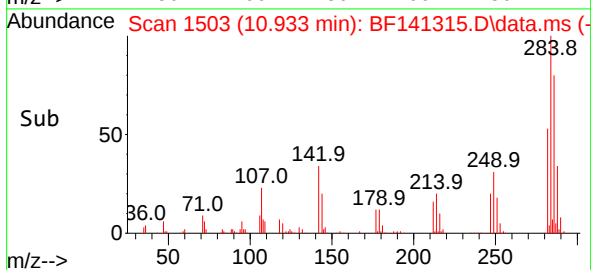
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

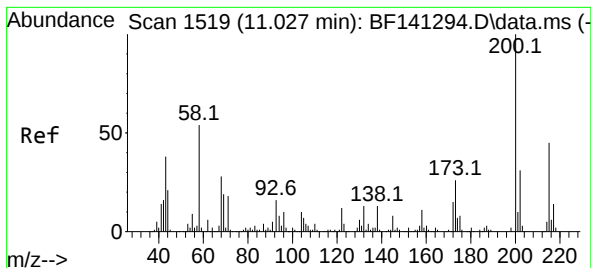


#68
Hexachlorobenzene
Concen: 38.355 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03



Tgt Ion:284 Resp: 268678
Ion Ratio Lower Upper
284 100
142 36.5 29.5 44.3
249 31.7 25.4 38.2





#69

Atrazine

Concen: 43.348 ng

RT: 11.028 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF141315.D

Acq: 30 Jan 2025 16:03

Instrument :

BNA_F

ClientSampleId :

WC-5MS

Tgt Ion:200 Resp: 27651

Ion Ratio Lower Upper

200 100

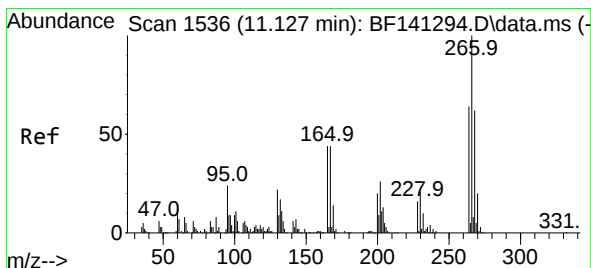
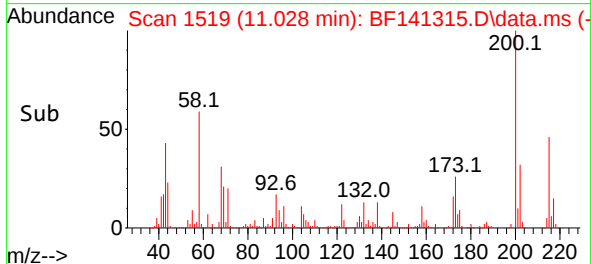
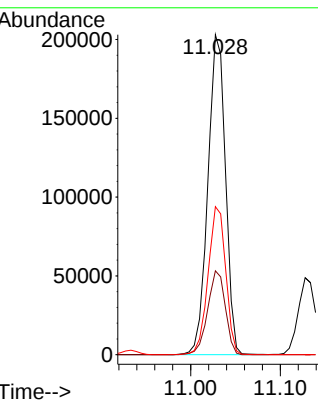
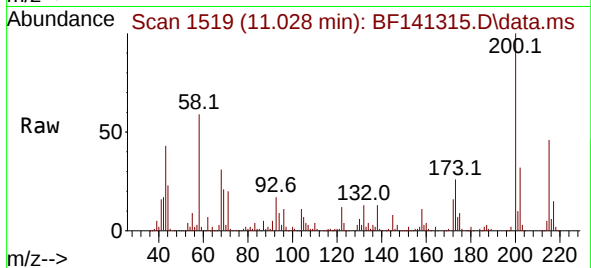
173 26.2 5.9 45.9

215 46.2 25.2 65.2

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 82.551 ng

RT: 11.128 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141315.D

Acq: 30 Jan 2025 16:03

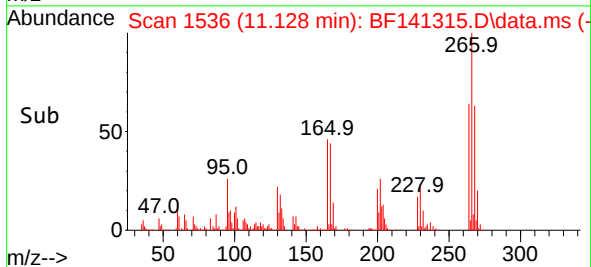
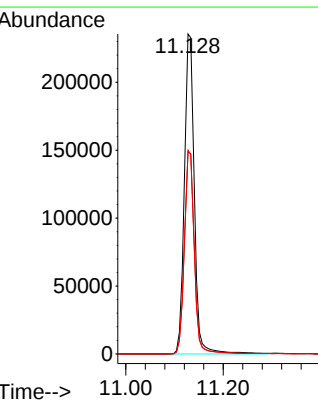
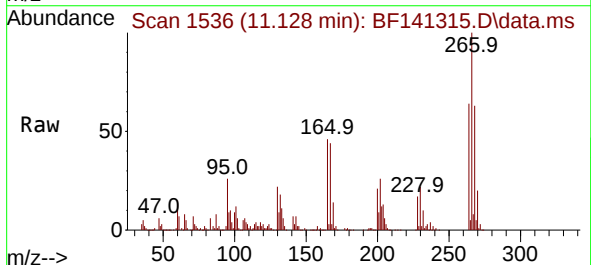
Tgt Ion:266 Resp: 338623

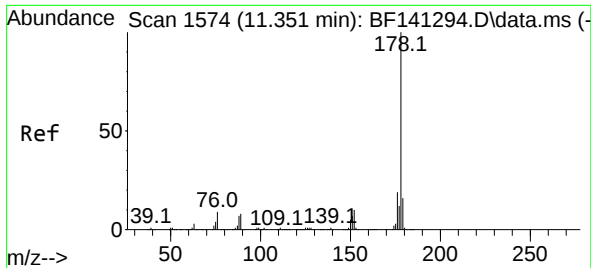
Ion Ratio Lower Upper

266 100

268 63.2 49.9 74.9

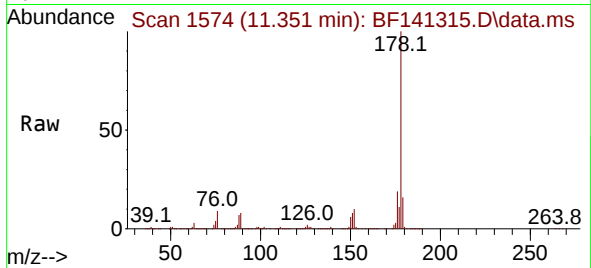
264 63.7 51.0 76.4





#71
Phenanthrene
Concen: 39.305 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

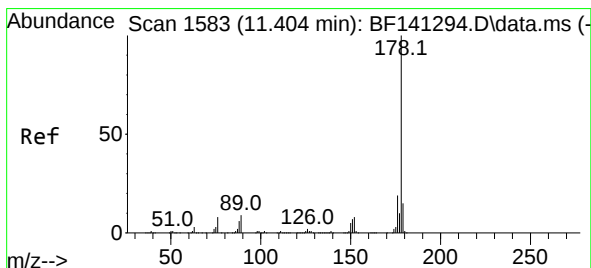
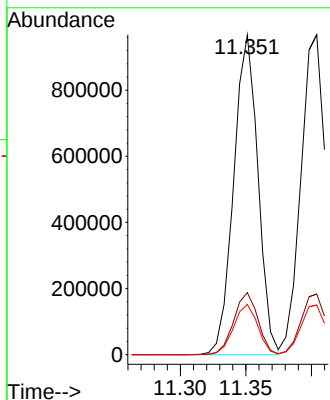
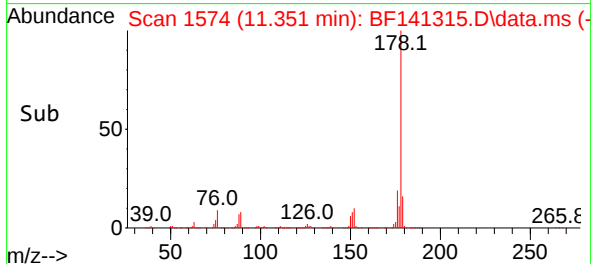
Instrument :
BNA_F
ClientSampleId :
WC-5MS



Tgt Ion:178 Resp: 1246279
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.7 12.5 18.7

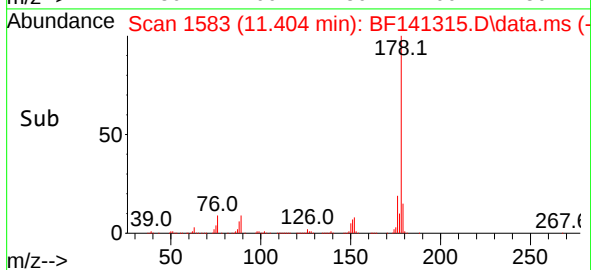
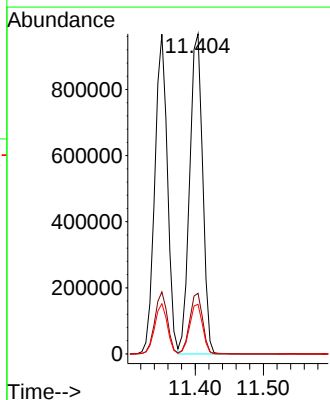
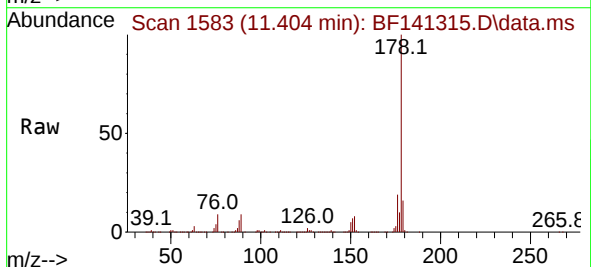
Manual Integrations
APPROVED

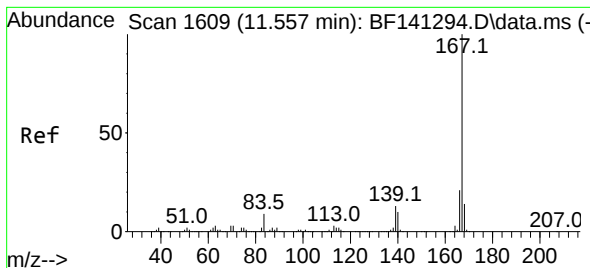
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#72
Anthracene
Concen: 40.904 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Tgt Ion:178 Resp: 1270809
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.5 12.3 18.5





#73

Carbazole

Concen: 40.093 ng

RT: 11.557 min Scan# 1609

Delta R.T. -0.000 min

Lab File: BF141315.D

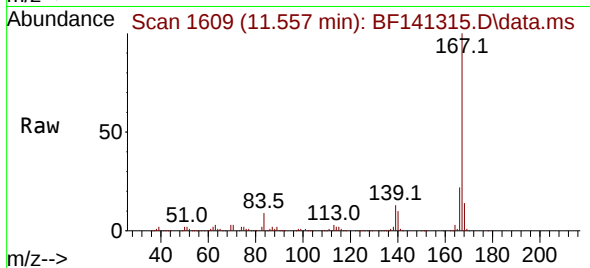
Acq: 30 Jan 2025 16:03

Instrument :

BNA_F

ClientSampleId :

WC-5MS



Tgt Ion:167 Resp: 110452

Ion Ratio Lower Upper

167 100

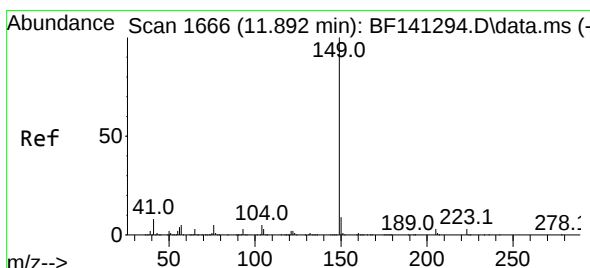
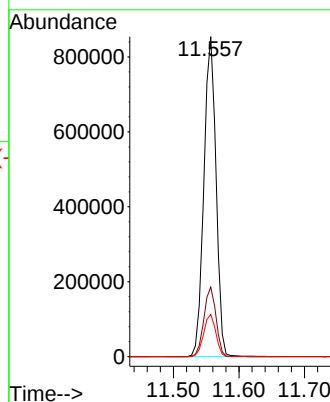
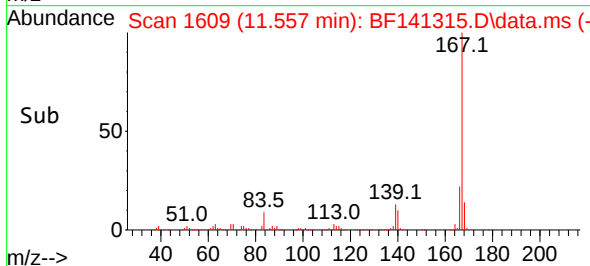
166 21.7 17.0 25.6

139 13.2 10.6 16.0

Manual Integrations

APPROVED

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



#74

Di-n-butylphthalate

Concen: 40.206 ng

RT: 11.892 min Scan# 1666

Delta R.T. 0.000 min

Lab File: BF141315.D

Acq: 30 Jan 2025 16:03

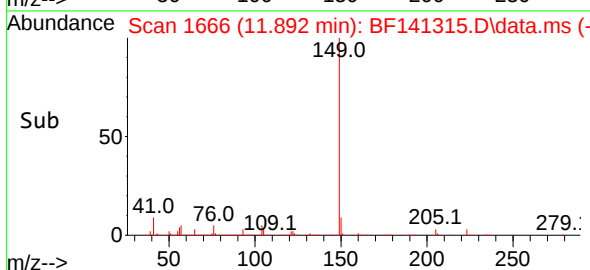
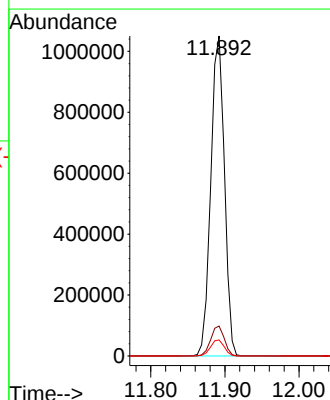
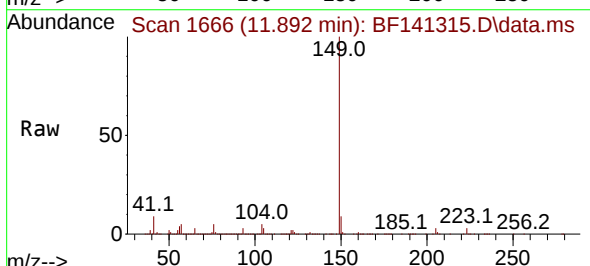
Tgt Ion:149 Resp: 1342332

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

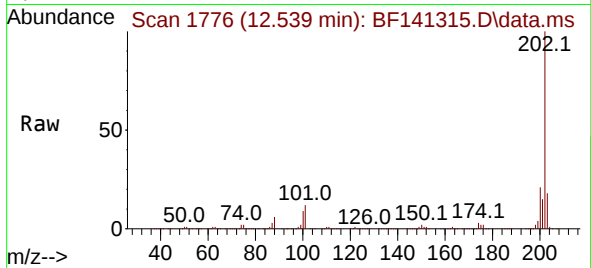
104 5.0 3.9 5.9





#75
Fluoranthene
Concen: 38.321 ng
RT: 12.539 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

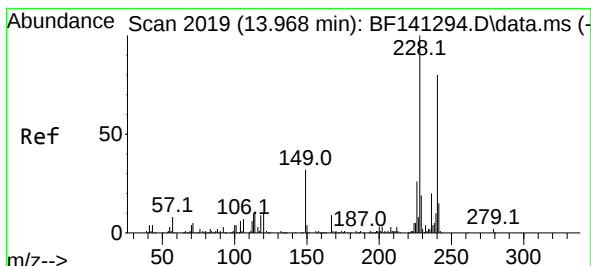
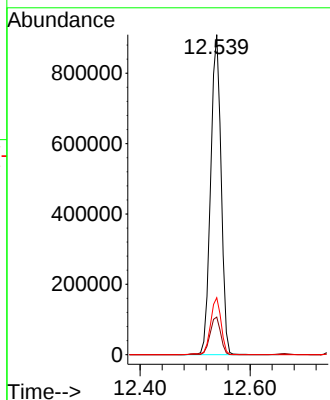
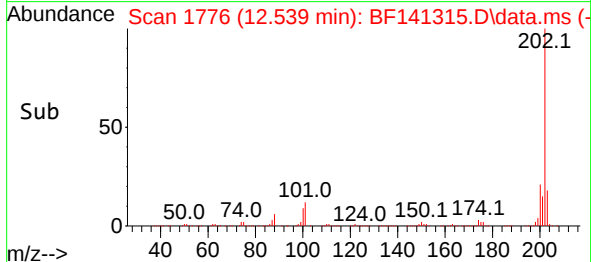
Instrument :
BNA_F
ClientSampleId :
WC-5MS



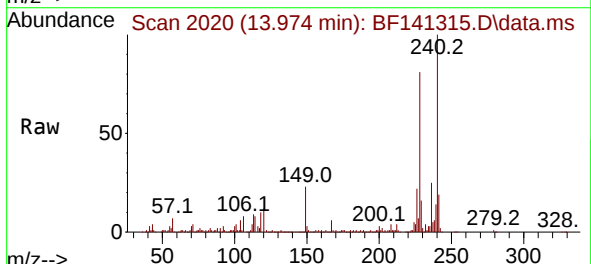
Tgt Ion:202 Resp: 119976
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.7
203 17.8 0.0 37.5

Manual Integrations
APPROVED

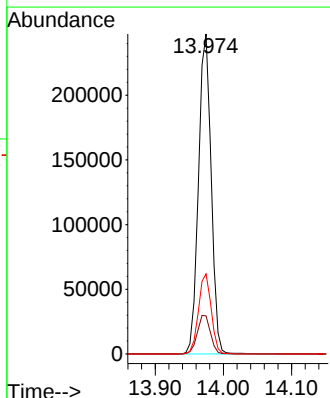
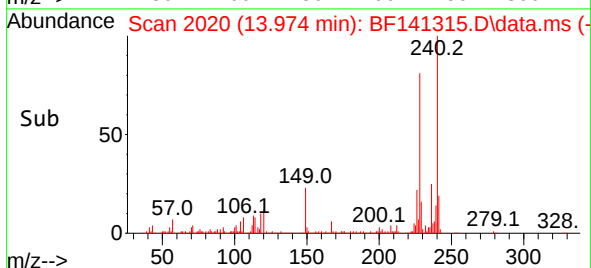
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

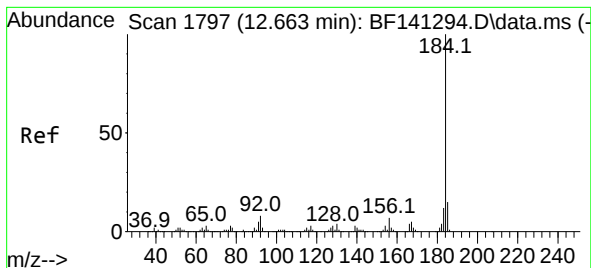


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03



Tgt Ion:240 Resp: 319317
Ion Ratio Lower Upper
240 100
120 11.9 10.0 15.0
236 25.0 19.7 29.5





#77

Benzidine

Concen: 52.246 ng

RT: 12.663 min Scan# 1797

Delta R.T. -0.000 min

Lab File: BF141315.D

Acq: 30 Jan 2025 16:03

Instrument :

BNA_F

ClientSampleId :

WC-5MS

Tgt Ion:184 Resp: 53483

Ion Ratio Lower Upper

184 100

185 14.6 11.9 17.9

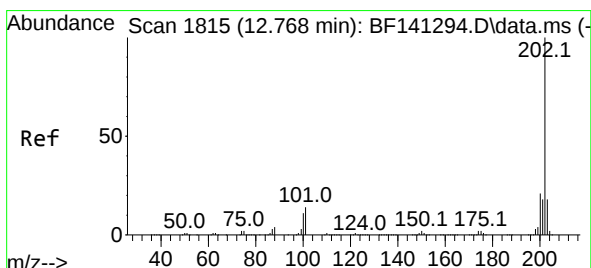
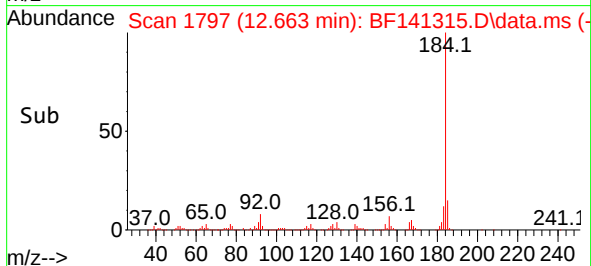
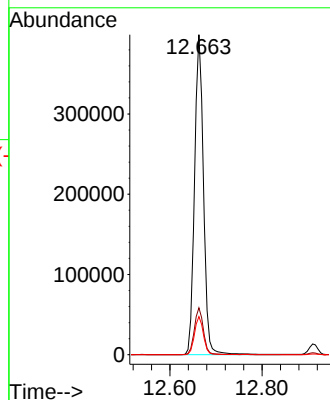
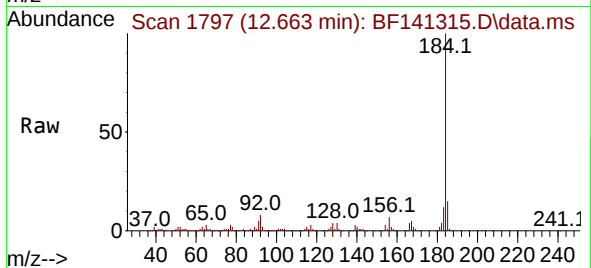
183 11.9 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025

Supervised By :mohammad ahmed 01/31/2025



#78

Pyrene

Concen: 38.836 ng

RT: 12.769 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF141315.D

Acq: 30 Jan 2025 16:03

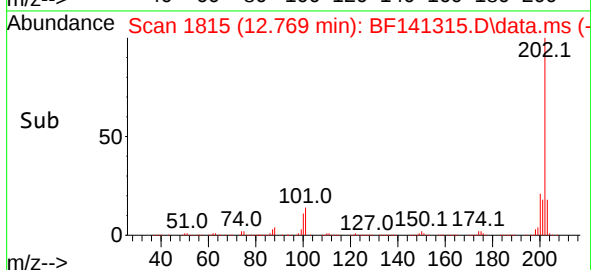
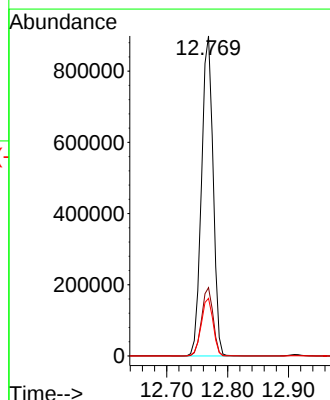
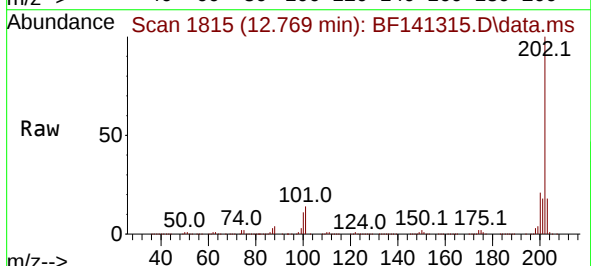
Tgt Ion:202 Resp: 1190370

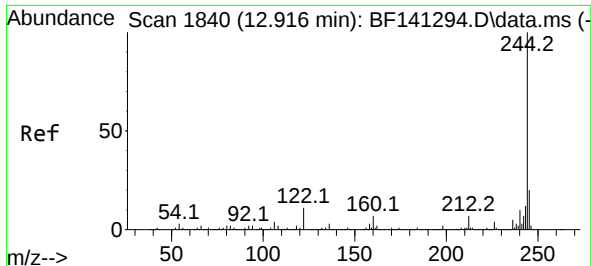
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

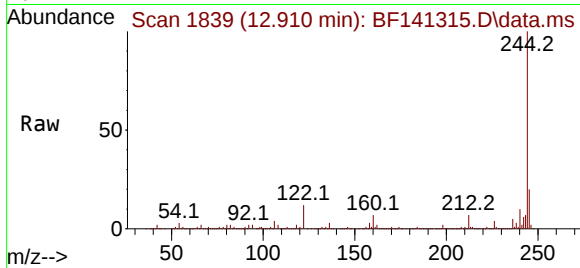
203 18.0 14.3 21.5





#79
 Terphenyl-d14
 Concen: 65.165 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141315.D
 Acq: 30 Jan 2025 16:03

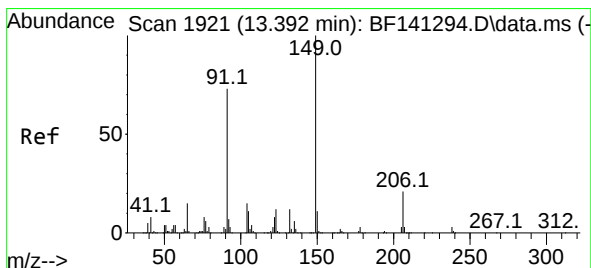
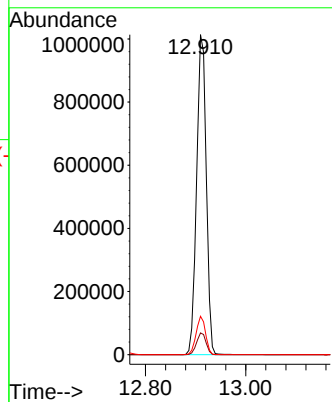
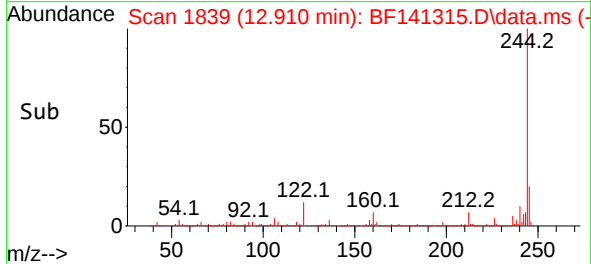
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MS



Tgt Ion:244 Resp: 1349280
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.0 8.8 13.2

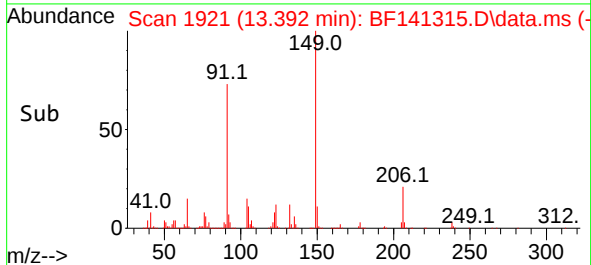
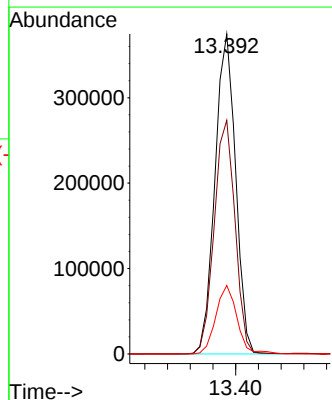
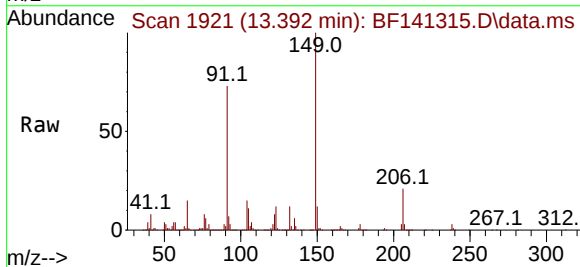
Manual Integrations
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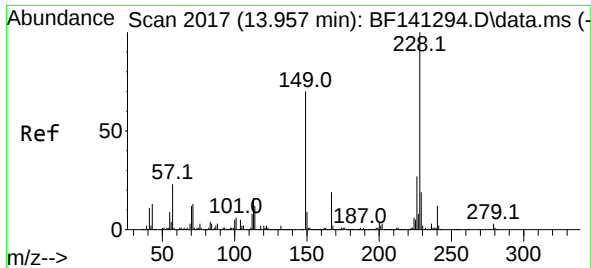
Reviewed By :Jagrut Upadhyay 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025



#80
 Butylbenzylphthalate
 Concen: 44.191 ng
 RT: 13.392 min Scan# 1921
 Delta R.T. -0.000 min
 Lab File: BF141315.D
 Acq: 30 Jan 2025 16:03

Tgt Ion:149 Resp: 473214
 Ion Ratio Lower Upper
 149 100
 91 73.0 58.6 87.8
 206 21.4 16.7 25.1





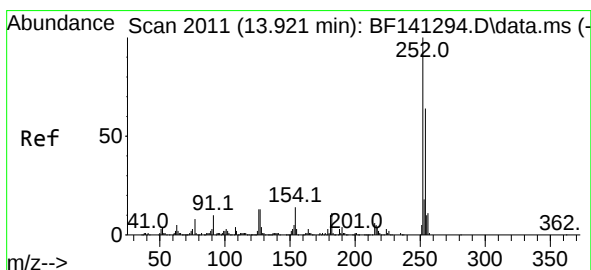
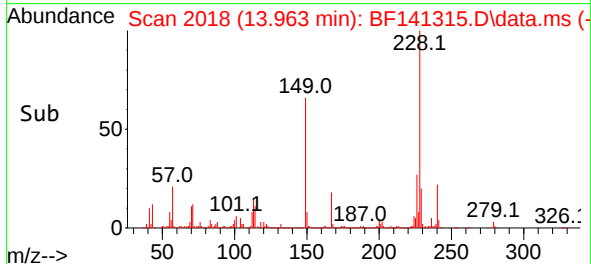
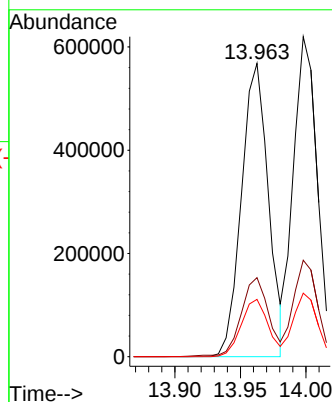
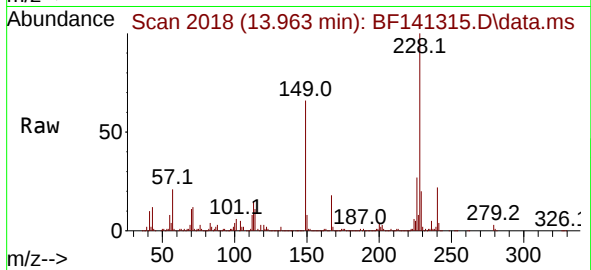
#81
Benzo(a)anthracene
Concen: 36.852 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion:228 Resp: 81202
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.2
229 19.5 15.5 23.3

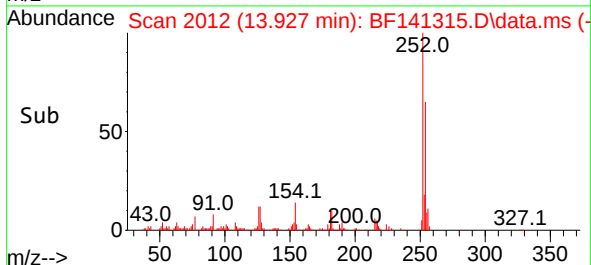
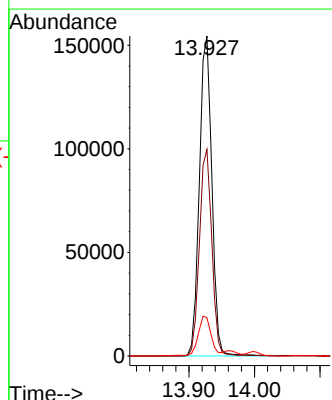
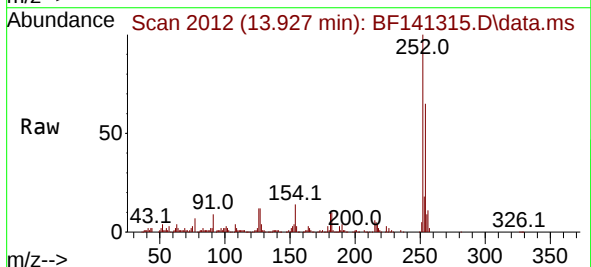
Manual Integrations
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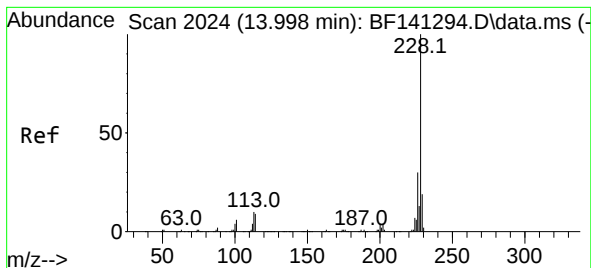
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#82
3,3'-Dichlorobenzidine
Concen: 29.259 ng
RT: 13.927 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Tgt Ion:252 Resp: 205049
Ion Ratio Lower Upper
252 100
254 64.5 51.3 76.9
126 12.0 10.0 15.0





#83

Chrysene

Concen: 38.860 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF141315.D

Acq: 30 Jan 2025 16:03

Instrument :

BNA_F

ClientSampleId :

WC-5MS

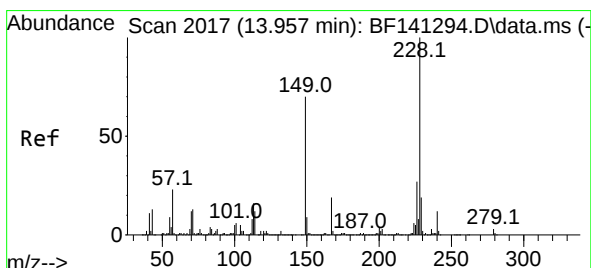
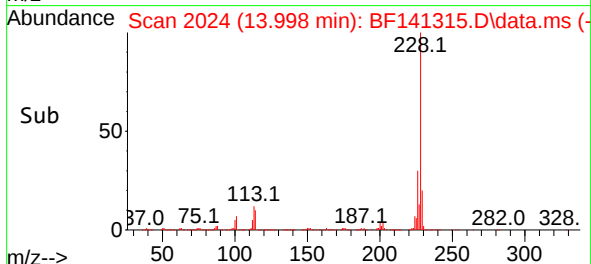
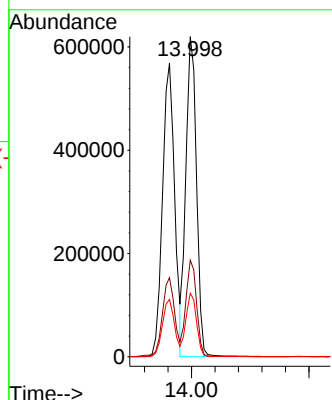
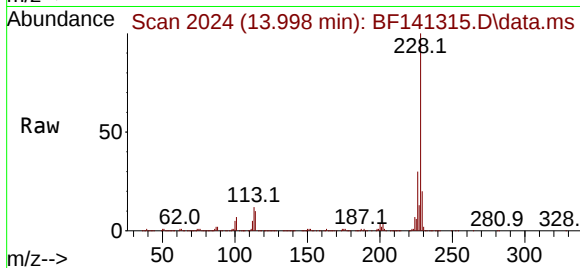
Tgt Ion:228 Resp: 784739

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.9	15.6	23.4

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.396 ng

RT: 13.957 min Scan# 2017

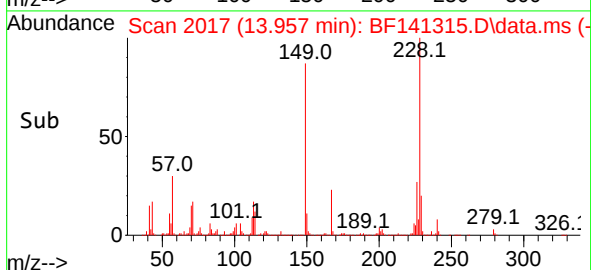
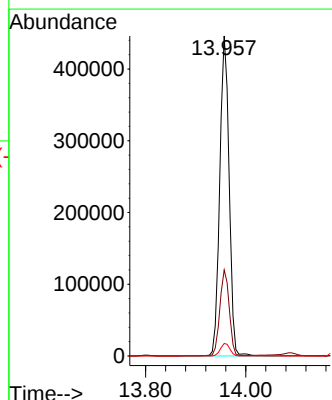
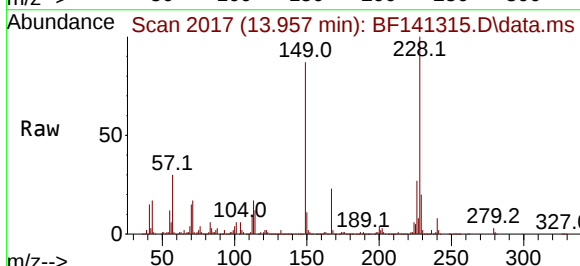
Delta R.T. -0.000 min

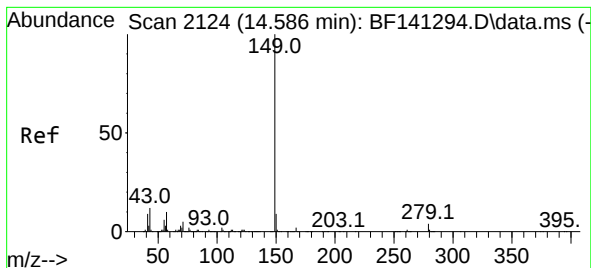
Lab File: BF141315.D

Acq: 30 Jan 2025 16:03

Tgt Ion:149 Resp: 575904

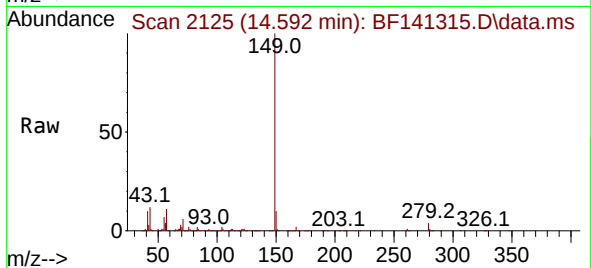
Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.8	32.8
279	3.9	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 40.068 ng
RT: 14.592 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

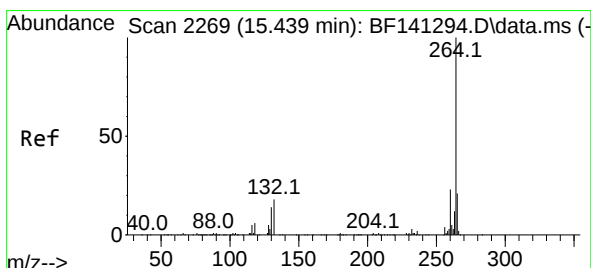
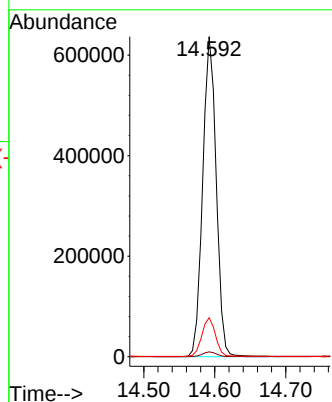
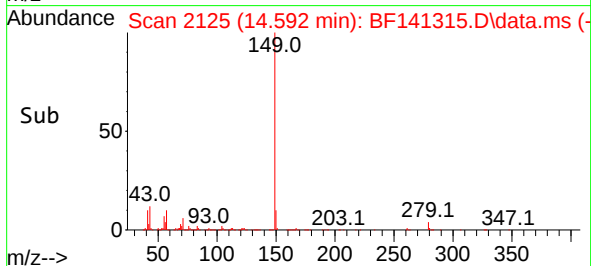
Instrument :
BNA_F
ClientSampleId :
WC-5MS



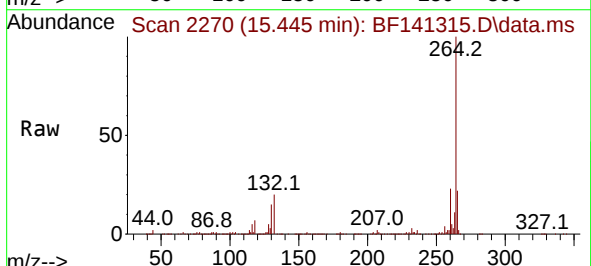
Tgt Ion:149 Resp: 84537
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.3 9.8 14.8

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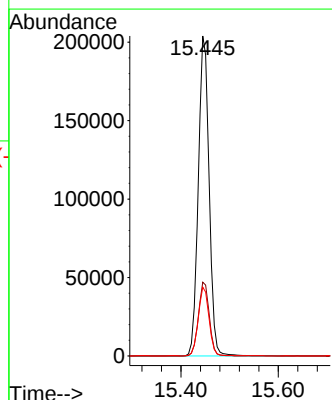
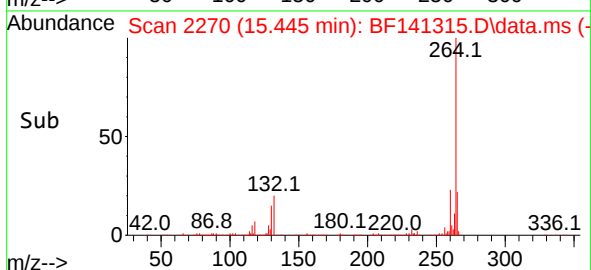
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

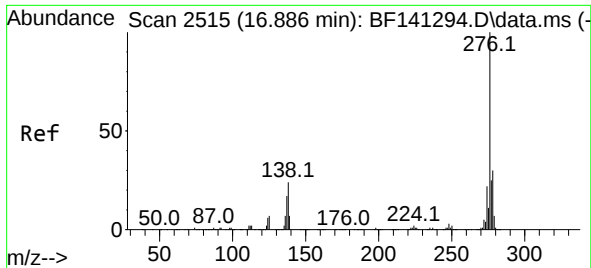


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03



Tgt Ion:264 Resp: 315915
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 21.5 16.7 25.1





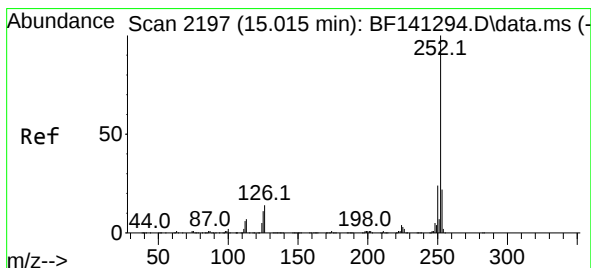
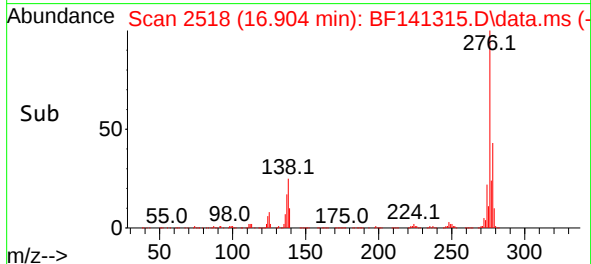
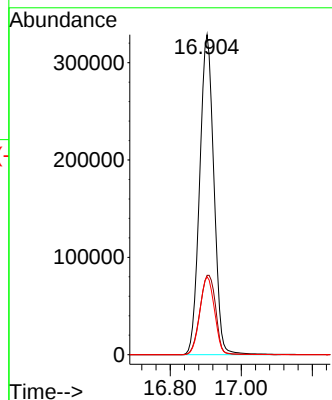
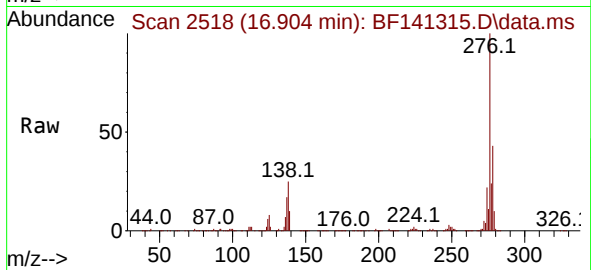
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.947 ng
RT: 16.904 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion:276 Resp: 916478
Ion Ratio Lower Upper
276 100
138 27.5 21.7 32.5
277 25.1 20.3 30.5

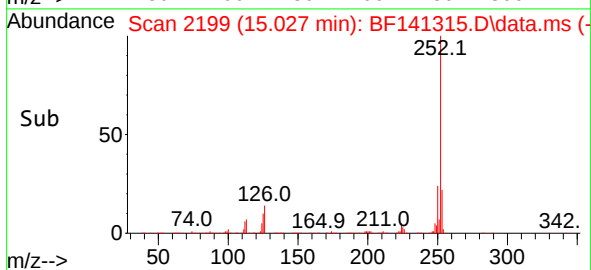
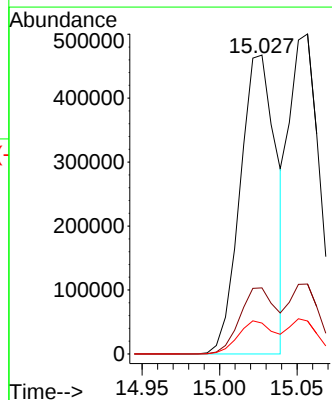
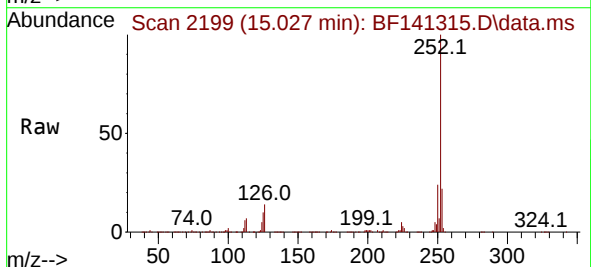
Manual Integrations
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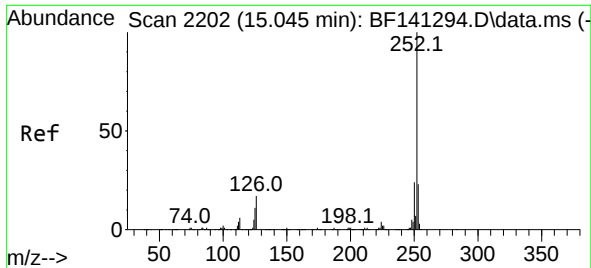
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#88
Benzo(b)fluoranthene
Concen: 38.064 ng
RT: 15.027 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Tgt Ion:252 Resp: 756397
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 10.3 8.6 12.8





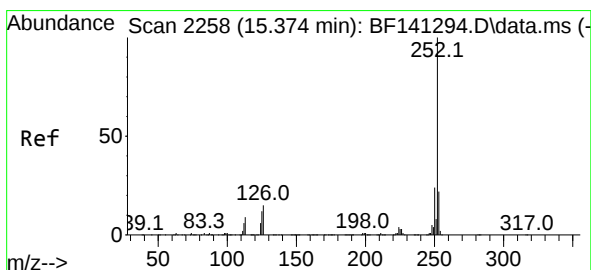
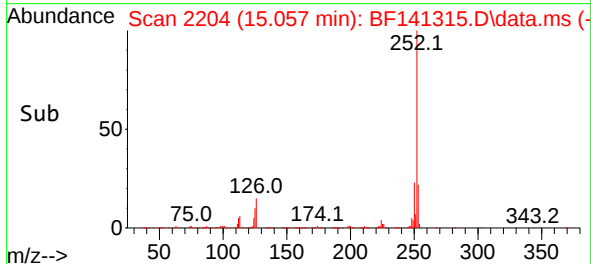
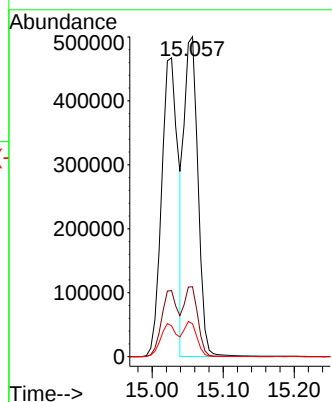
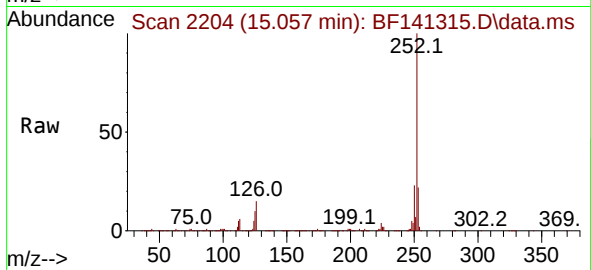
#89
Benzo(k)fluoranthene
Concen: 38.487 ng
RT: 15.057 min Scan# 2202
Delta R.T. 0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion:252 Resp: 67752
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.3 8.4 12.6

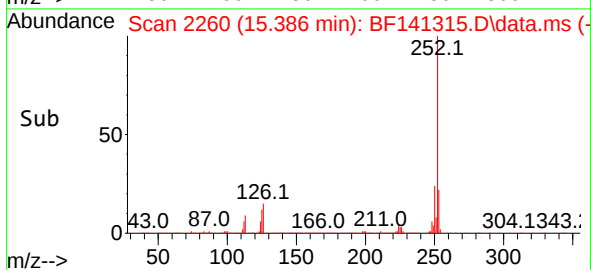
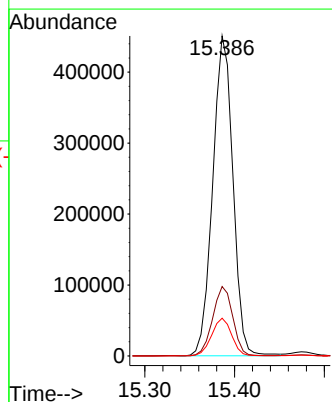
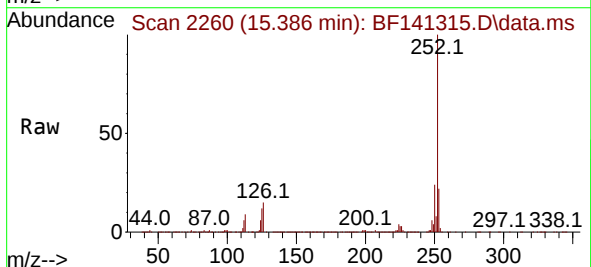
Manual Integrations
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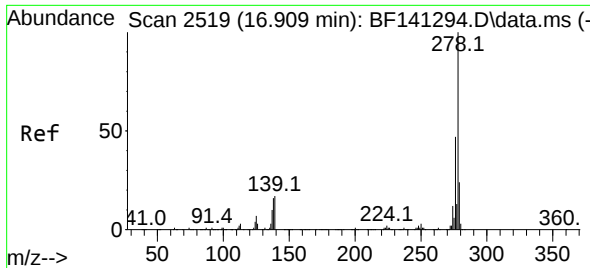
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#90
Benzo(a)pyrene
Concen: 41.949 ng
RT: 15.386 min Scan# 2260
Delta R.T. 0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

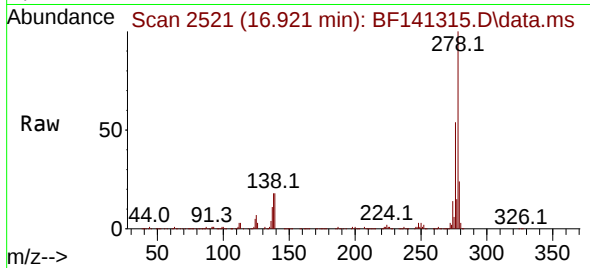
Tgt Ion:252 Resp: 704442
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 11.8 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 44.710 ng
RT: 16.921 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03

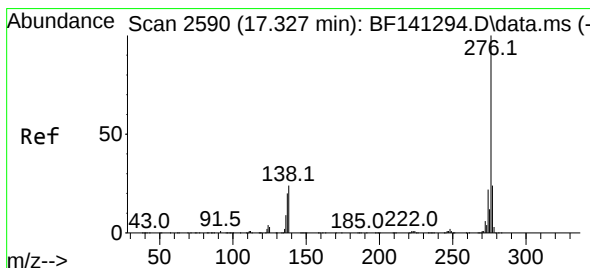
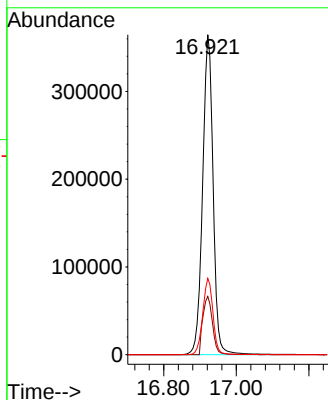
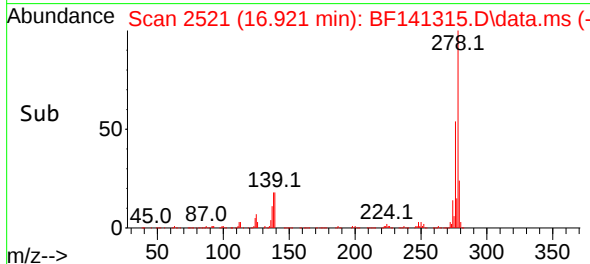
Instrument :
BNA_F
ClientSampleId :
WC-5MS



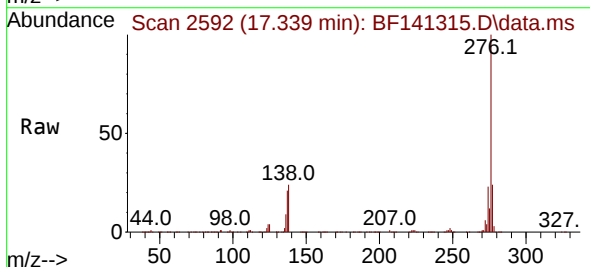
Tgt Ion:278 Resp: 733439
Ion Ratio Lower Upper
278 100
139 18.2 13.9 20.9
279 23.8 18.8 28.2

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



#92
Benzo(g,h,i)perylene
Concen: 41.738 ng
RT: 17.339 min Scan# 2592
Delta R.T. -0.006 min
Lab File: BF141315.D
Acq: 30 Jan 2025 16:03



Tgt Ion:276 Resp: 711929
Ion Ratio Lower Upper
276 100
277 23.6 19.2 28.8
138 24.3 19.0 28.4

