

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
 Data File : BF141303.D
 Acq On : 30 Jan 2025 09:57
 Operator : RC/JU
 Sample : PB166335BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166335BS

Manual Integrations
 APPROVED

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

Quant Time: Jan 30 10:37:35 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	142147	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	577653	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	314839	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	527268	20.000	ng	0.00
76) Chrysene-d12	13.974	240	325031	20.000	ng	0.00
86) Perylene-d12	15.451	264	295368	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1181966	127.654	ng	0.00
7) Phenol-d6	6.434	99	1505218	127.790	ng	0.00
23) Nitrobenzene-d5	7.363	82	963698	87.947	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	383541	132.881	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1707638	83.483	ng	0.00
79) Terphenyl-d14	12.916	244	1858083	88.161	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	163583	40.171	ng	100
3) Pyridine	3.316	79	421385	42.949	ng	99
4) n-Nitrosodimethylamine	3.269	42	263117	46.944	ng	97
6) Aniline	6.463	93	427874	42.913	ng	97
8) 2-Chlorophenol	6.581	128	474531	47.816	ng	98
9) Benzaldehyde	6.346	77	45932	6.732	ng	98
10) Phenol	6.446	94	570700	45.706	ng	93
11) bis(2-Chloroethyl)ether	6.540	93	445684	46.553	ng	98
12) 1,3-Dichlorobenzene	6.740	146	474543	43.367	ng	99
13) 1,4-Dichlorobenzene	6.816	146	481842	43.833	ng	100
14) 1,2-Dichlorobenzene	6.969	146	463668	45.045	ng	99
15) Benzyl Alcohol	6.940	79	401126	49.832	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	794288	47.711	ng	99
17) 2-Methylphenol	7.051	107	379334	47.030	ng	98
18) Hexachloroethane	7.310	117	179539	44.272	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	318811	45.551	ng	96
20) 3+4-Methylphenols	7.204	107	449643	45.403	ng	98
22) Acetophenone	7.210	105	607690	44.258	ng	99
24) Nitrobenzene	7.381	77	489014	43.064	ng	98
25) Isophorone	7.622	82	891594	47.071	ng	99
26) 2-Nitrophenol	7.698	139	248620	46.424	ng	99
27) 2,4-Dimethylphenol	7.734	122	379040	55.605	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	551443	45.641	ng	99
29) 2,4-Dichlorophenol	7.940	162	386907	46.364	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	396349	41.588	ng	100
31) Naphthalene	8.104	128	1340862	43.940	ng	100
32) Benzoic acid	7.857	122	300455	47.947	ng	98
33) 4-Chloroaniline	8.151	127	244684	23.645	ng	99
34) Hexachlorobutadiene	8.222	225	242199	43.336	ng	98
35) Caprolactam	8.522	113	130013m	47.704	ng	
36) 4-Chloro-3-methylphenol	8.634	107	423183	47.276	ng	97
37) 2-Methylnaphthalene	8.792	142	874025	45.064	ng	99
38) 1-Methylnaphthalene	8.892	142	813150	42.680	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	384554	42.934	ng	99
41) Hexachlorocyclopentadiene	8.945	237	461572	174.494	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	268317	45.768	ng	100

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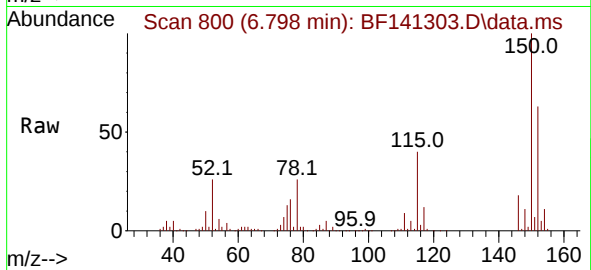
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	289410	45.357	ng	99
46) 1,1'-Biphenyl	9.263	154	1078473	43.923	ng	100
47) 2-Chloronaphthalene	9.286	162	809908	42.319	ng	99
48) 2-Nitroaniline	9.381	65	281360	46.739	ng	99
49) Acenaphthylene	9.698	152	1258307	46.969	ng	100
50) Dimethylphthalate	9.569	163	966609	45.457	ng	100
51) 2,6-Dinitrotoluene	9.628	165	219062	44.369	ng	98
52) Acenaphthene	9.875	154	940752	49.154	ng	100
53) 3-Nitroaniline	9.792	138	140948	29.127	ng	100
54) 2,4-Dinitrophenol	9.904	184	234093	101.996	ng	98
55) Dibenzofuran	10.045	168	1136446	44.361	ng	99
56) 4-Nitrophenol	9.957	139	348173	98.382	ng	96
57) 2,4-Dinitrotoluene	10.034	165	293904	45.977	ng	95
58) Fluorene	10.392	166	861135	43.335	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	239637	47.738	ng	98
60) Diethylphthalate	10.269	149	928855	45.051	ng	100
61) 4-Chlorophenyl-phenyle...	10.381	204	420967	43.368	ng	99
62) 4-Nitroaniline	10.410	138	224393	47.166	ng	99
63) Azobenzene	10.545	77	945659	45.821	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	162763	52.188	ng	99
66) n-Nitrosodiphenylamine	10.504	169	784521	46.003	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	267408	45.301	ng	97
68) Hexachlorobenzene	10.939	284	283607	45.293	ng	97
69) Atrazine	11.033	200	275531	48.323	ng	98
70) Pentachlorophenol	11.133	266	344451	93.942	ng	98
71) Phenanthrene	11.351	178	1340804	47.307	ng	100
72) Anthracene	11.404	178	1357047	48.866	ng	100
73) Carbazole	11.557	167	1181478	47.979	ng	99
74) Di-n-butylphthalate	11.892	149	1439854	48.248	ng	100
75) Fluoranthene	12.539	202	1361167	48.639	ng	99
77) Benzidine	12.663	184	389988	37.427	ng	100
78) Pyrene	12.769	202	1385347	44.402	ng	100
80) Butylbenzylphthalate	13.392	149	533265	48.924	ng	98
81) Benzo(a)anthracene	13.963	228	1000704	44.617	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	179099	25.107	ng	99
83) Chrysene	14.004	228	936429	45.556	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	658277	47.608	ng	100
85) Di-n-octyl phthalate	14.598	149	1053803	49.069	ng	99
87) Indeno(1,2,3-cd)pyrene	16.910	276	929302	48.747	ng	100
88) Benzo(b)fluoranthene	15.033	252	866127	46.618	ng	100
89) Benzo(k)fluoranthene	15.063	252	842115	51.164	ng	100
90) Benzo(a)pyrene	15.392	252	806465	51.366	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	745849	48.629	ng	99
92) Benzo(g,h,i)perylene	17.351	276	706279	44.287	ng	100

(#) = 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: BF141303.D
Acq: 30 Jan 2025 09:57

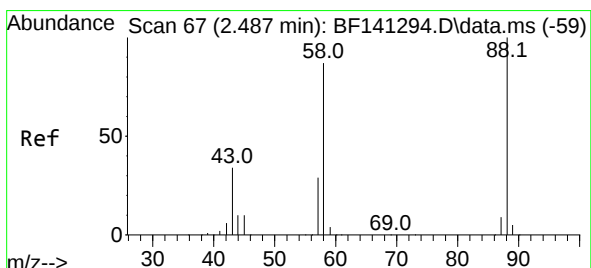
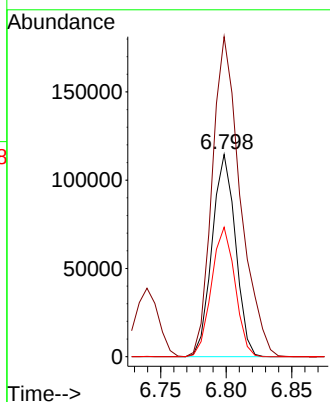
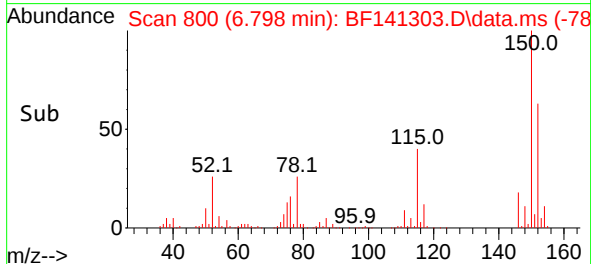
Instrument :
BNA_F
ClientSampleId :
PB166335BS



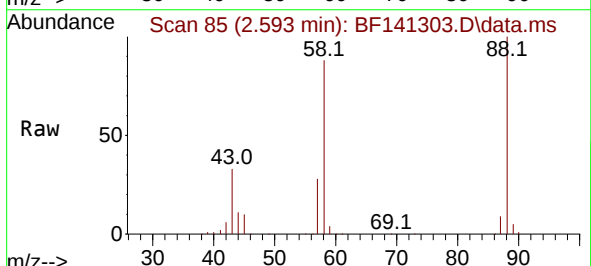
Tgt Ion:152 Resp: 14214
Ion Ratio Lower Upper
152 100
150 158.2 125.9 188.9
115 64.0 49.7 74.5

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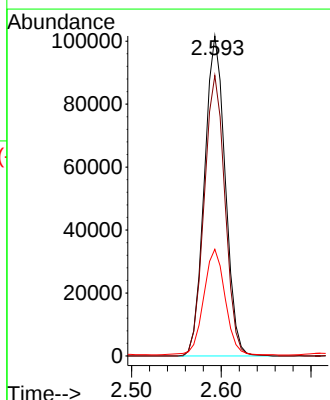
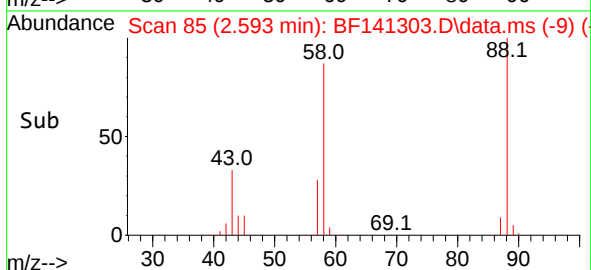
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

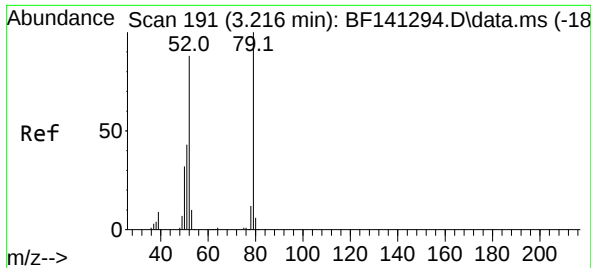


#2
1,4-Dioxane
Concen: 40.171 ng
RT: 2.593 min Scan# 85
Delta R.T. 0.100 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57



Tgt Ion: 88 Resp: 163583
Ion Ratio Lower Upper
88 100
58 87.8 70.2 105.4
43 34.2 27.6 41.4





#3

Pyridine

Concen: 42.949 ng

RT: 3.316 min Scan# 20

Delta R.T. 0.088 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

Tgt Ion: 79 Resp: 42138

Ion Ratio Lower Upper

79 100

52 86.7 70.3 105.5

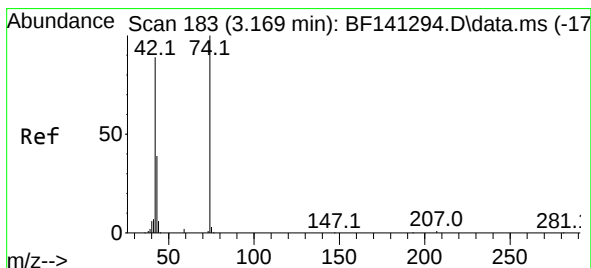
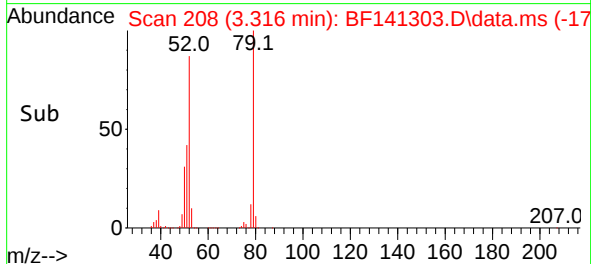
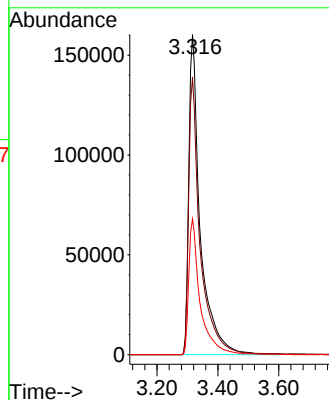
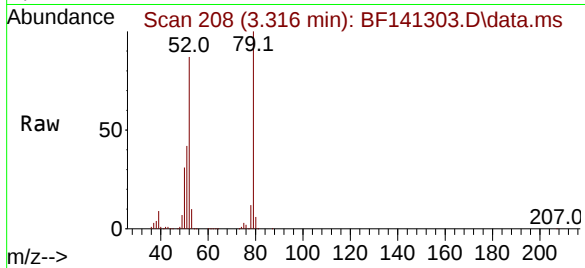
51 42.4 34.3 51.5

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 46.944 ng

RT: 3.269 min Scan# 200

Delta R.T. 0.071 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

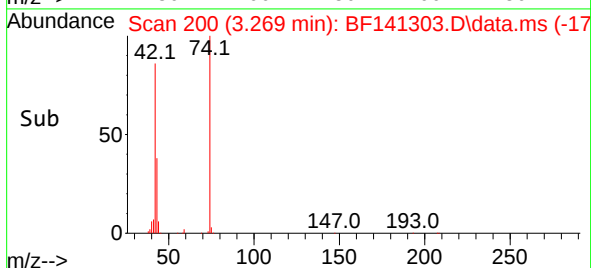
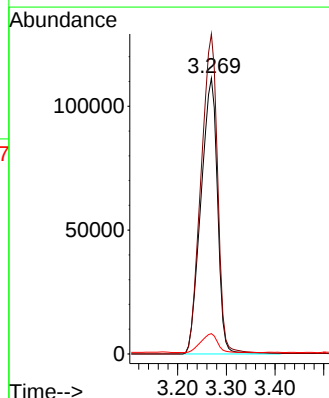
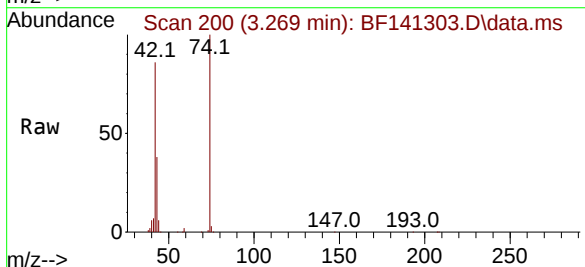
Tgt Ion: 42 Resp: 263117

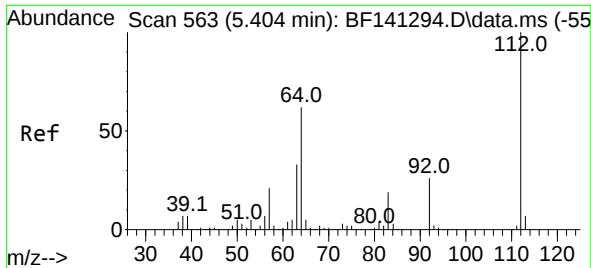
Ion Ratio Lower Upper

42 100

74 116.1 90.3 135.5

44 7.4 5.7 8.5





#5
2-Fluorophenol
Concen: 127.654 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

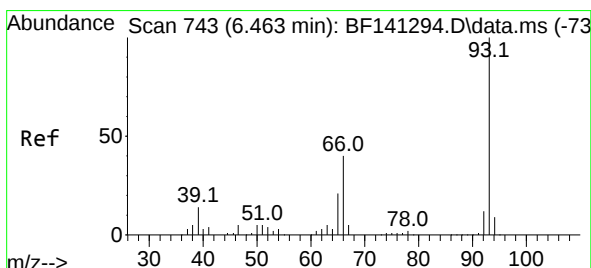
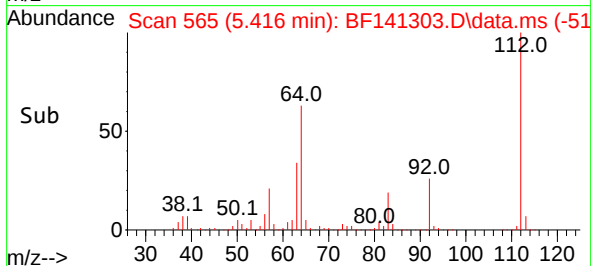
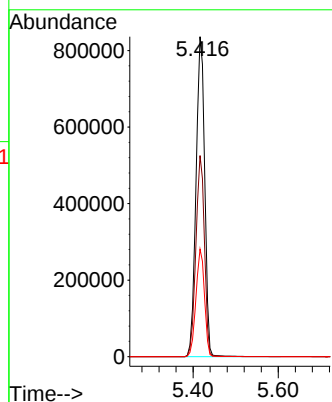
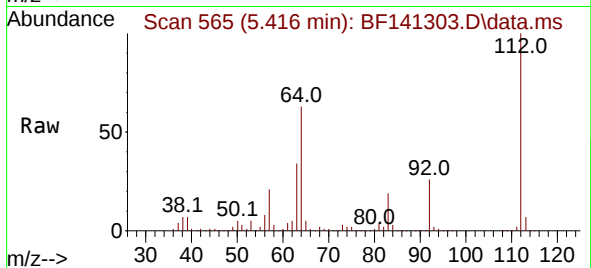
PB166335BS

Tgt Ion:112 Resp: 118196
Ion Ratio Lower Upper
112 100
64 62.9 49.8 74.8
63 33.6 26.1 39.1

Manual Integrations

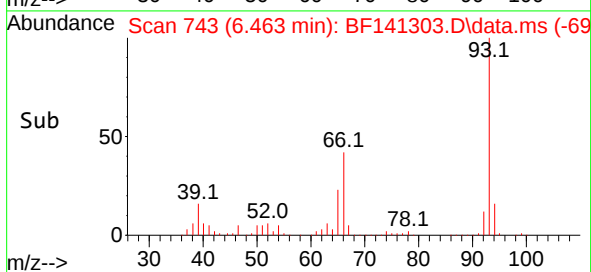
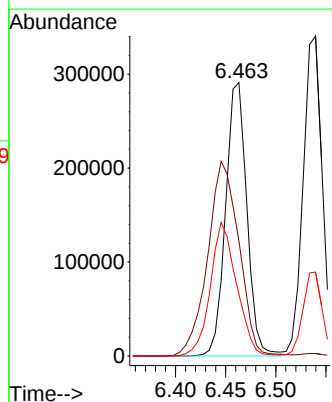
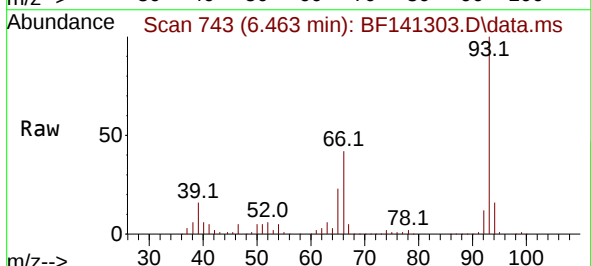
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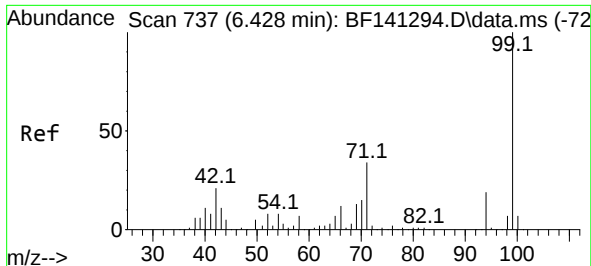
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#6
Aniline
Concen: 42.913 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

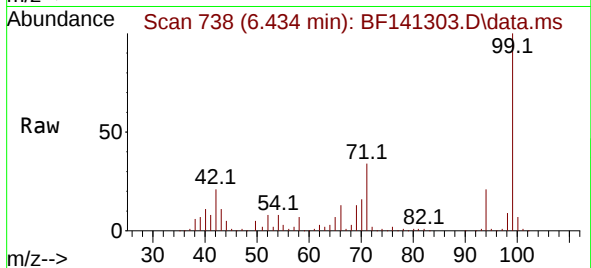
Tgt Ion: 93 Resp: 427874
Ion Ratio Lower Upper
93 100
66 42.1 32.5 48.7
65 22.6 17.0 25.6





#7
Phenol-d6
Concen: 127.790 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

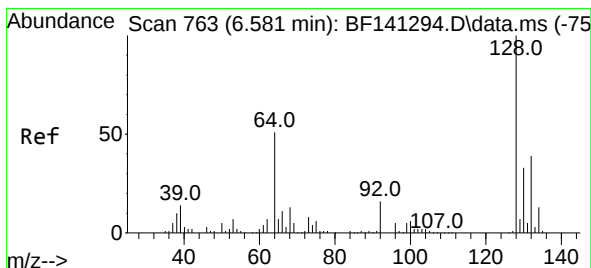
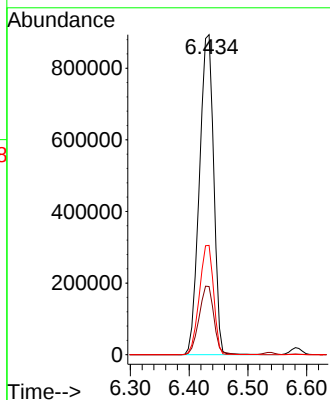
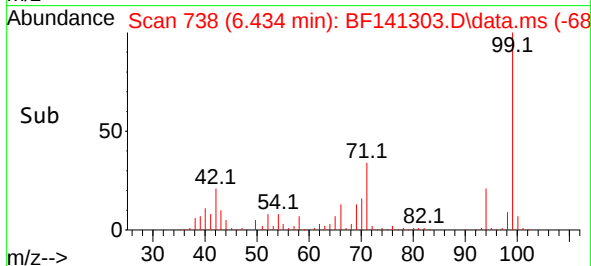
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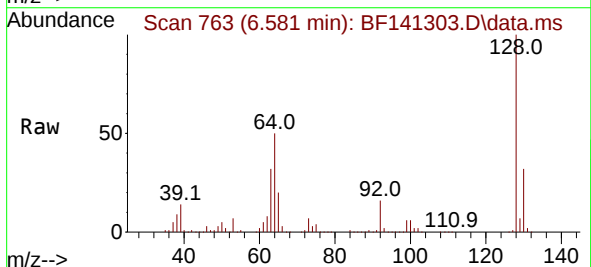
Tgt Ion: 99 Resp: 1505218
Ion Ratio Lower Upper
99 100
42 21.3 17.1 25.7
71 34.2 26.9 40.3

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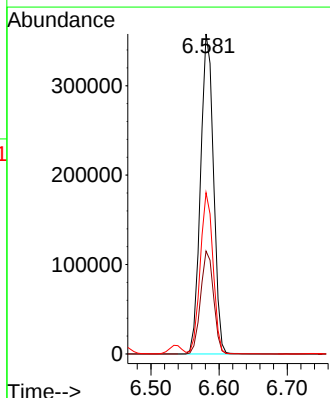
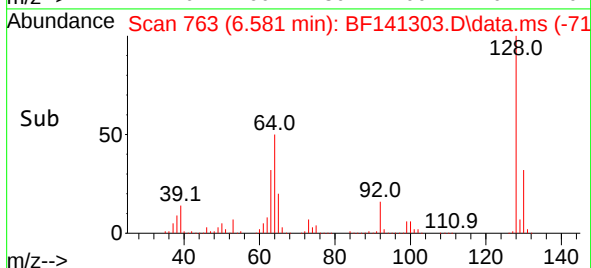
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#8
2-Chlorophenol
Concen: 47.816 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57



Tgt Ion:128 Resp: 474531
Ion Ratio Lower Upper
128 100
130 32.1 12.5 52.5
64 50.4 32.9 72.9





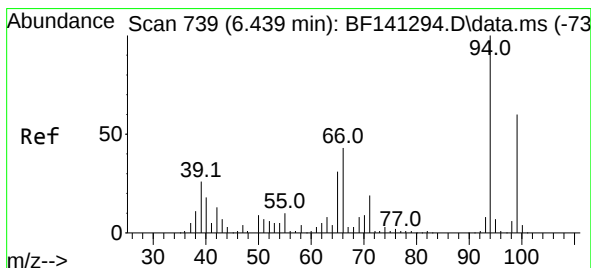
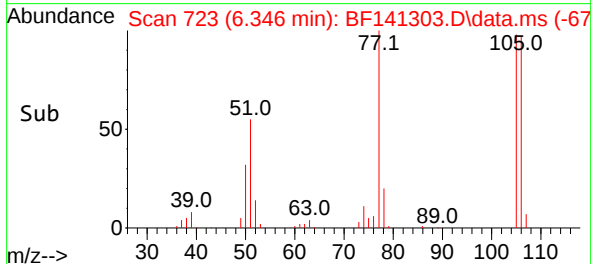
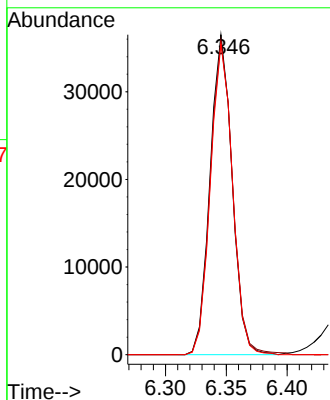
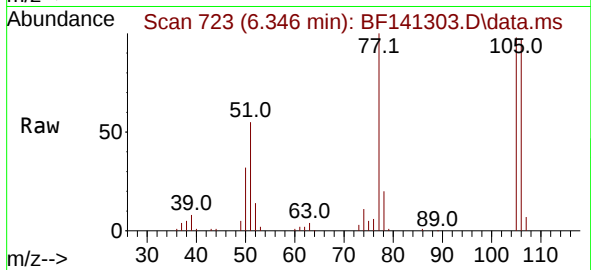
#9
Benzaldehyde
Concen: 6.732 ng
RT: 6.346 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :
BNA_F
ClientSampleId :
PB166335BS

Tgt Ion: 77 Resp: 4593
Ion Ratio Lower Upper
77 100
105 98.1 79.4 119.4
106 97.2 74.6 114.6

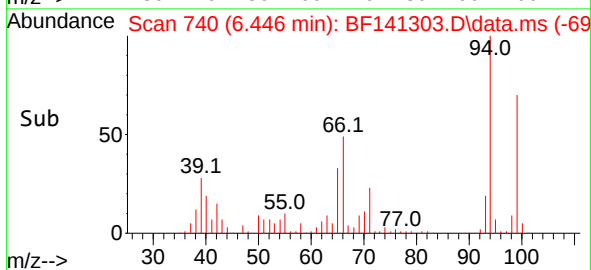
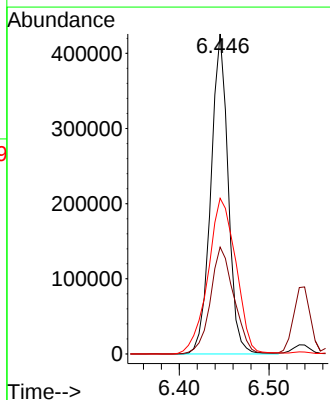
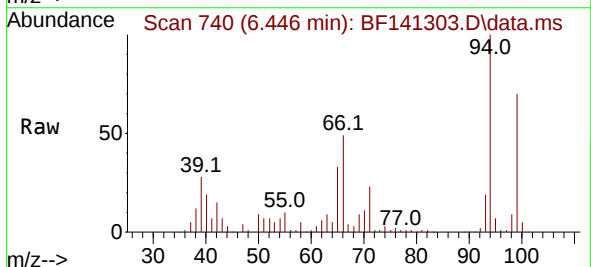
Manual Integrations
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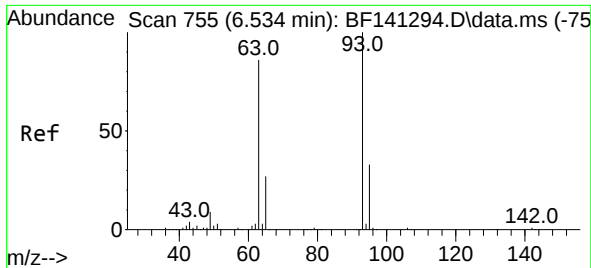
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#10
Phenol
Concen: 45.706 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion: 94 Resp: 570700
Ion Ratio Lower Upper
94 100
65 33.4 10.8 50.8
66 48.6 23.3 63.3





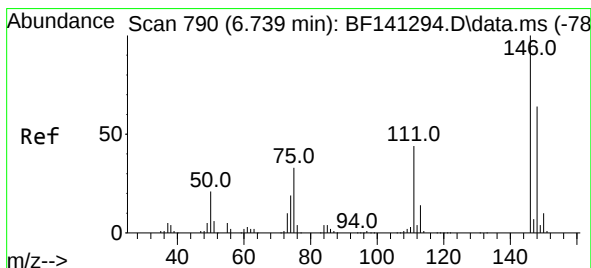
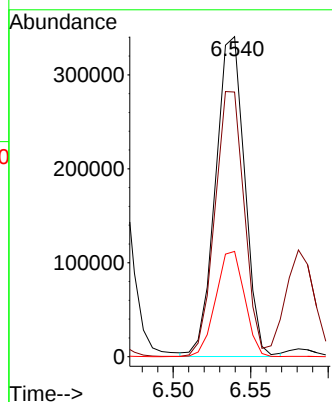
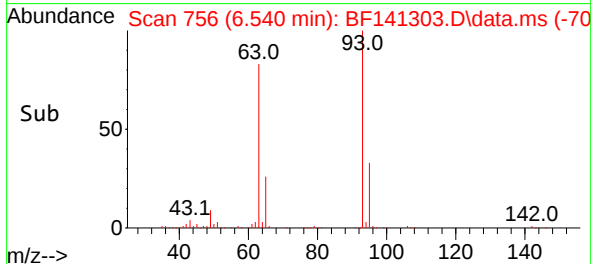
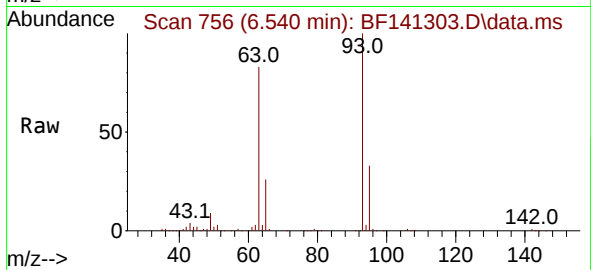
#11
bis(2-Chloroethyl)ether
Concen: 46.553 ng
RT: 6.540 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :
BNA_F
ClientSampleId :
PB166335BS

Tgt Ion: 93 Resp: 445684
Ion Ratio Lower Upper
93 100
63 82.7 65.0 105.0
95 32.9 12.4 52.4

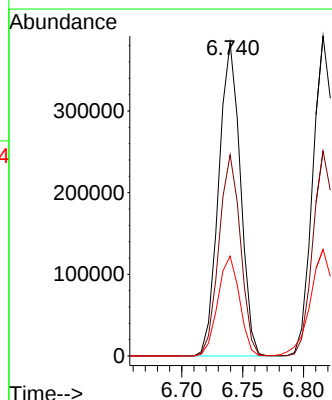
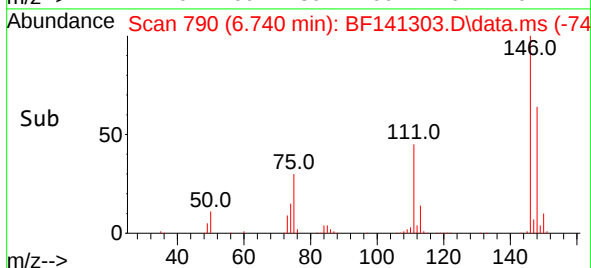
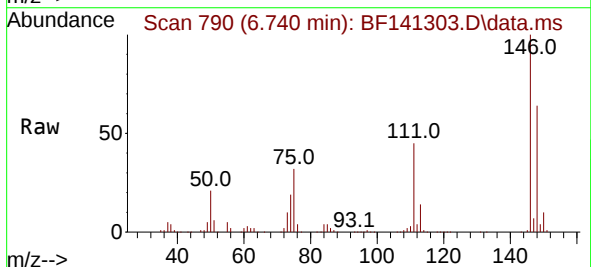
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 43.367 ng
RT: 6.740 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:146 Resp: 474543
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 31.9 26.2 39.4





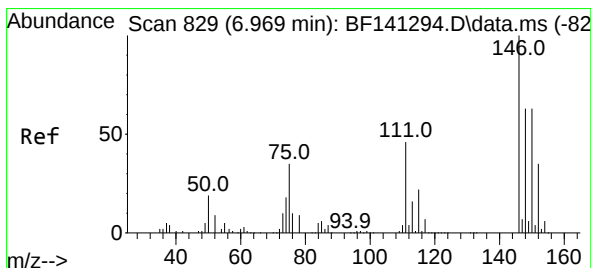
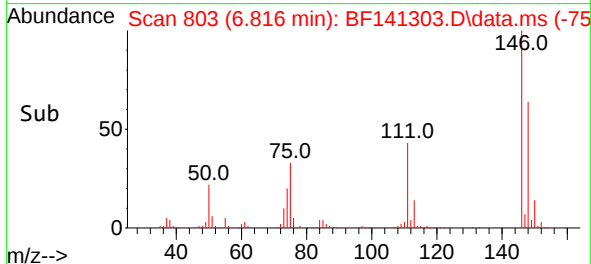
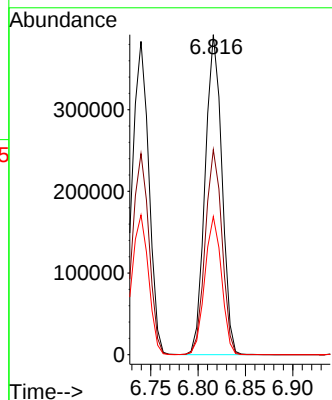
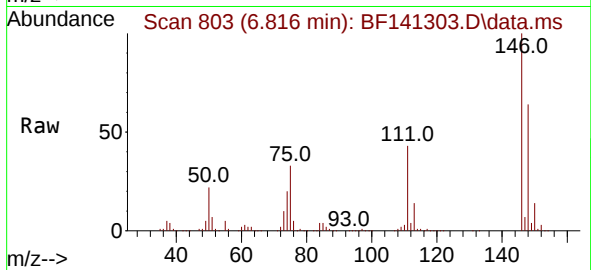
#13
1,4-Dichlorobenzene
Concen: 43.833 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :
BNA_F
ClientSampleId :
PB166335BS

Tgt Ion:146 Resp: 48184
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
111 43.1 35.0 52.4

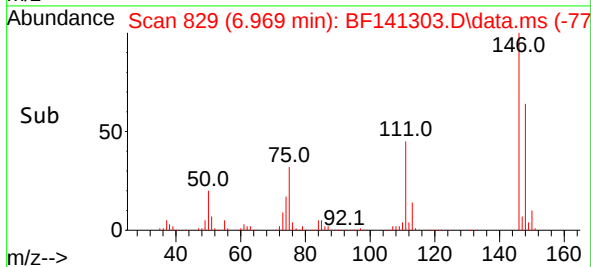
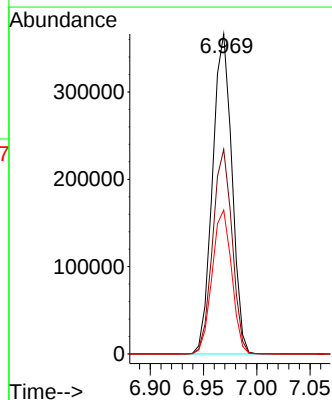
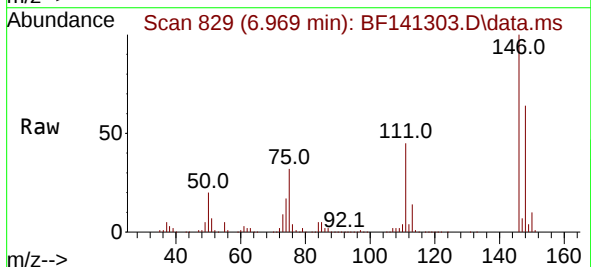
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 45.045 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

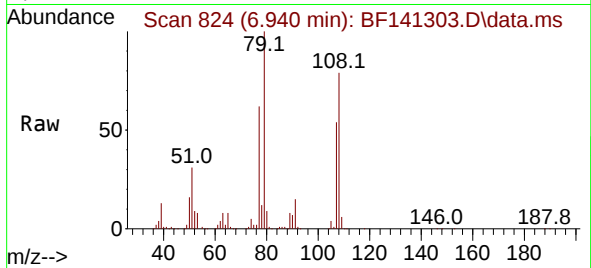
Tgt Ion:146 Resp: 463668
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
111 45.0 36.6 55.0





#15
Benzyl Alcohol
Concen: 49.832 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

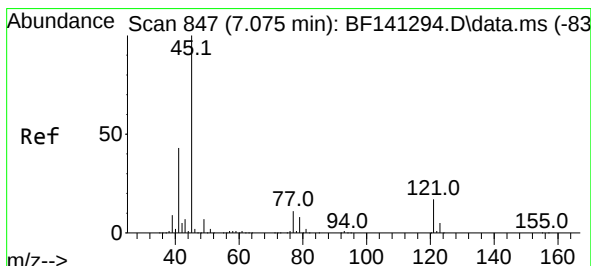
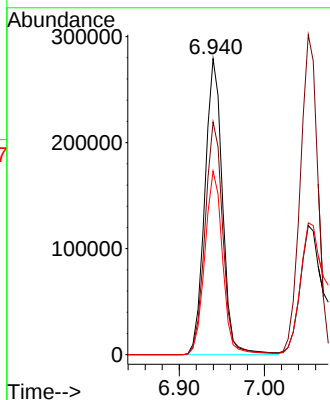
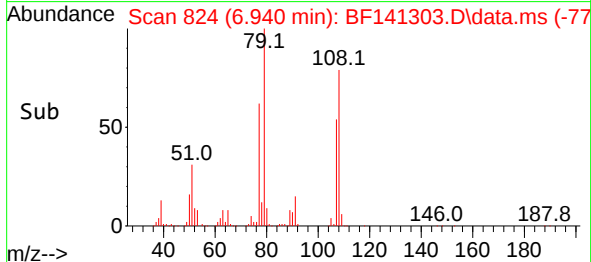
Instrument :
BNA_F
ClientSampleId :
PB166335BS



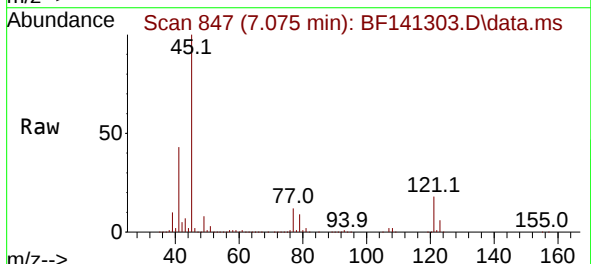
Tgt Ion: 79 Resp: 401120
Ion Ratio Lower Upper
79 100
108 78.6 61.4 92.0
77 62.1 49.9 74.9

Manual Integrations
APPROVED

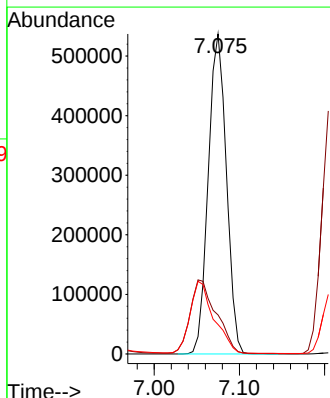
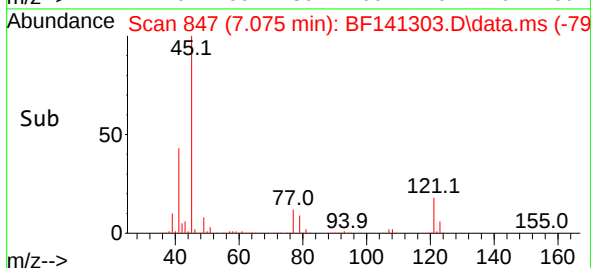
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

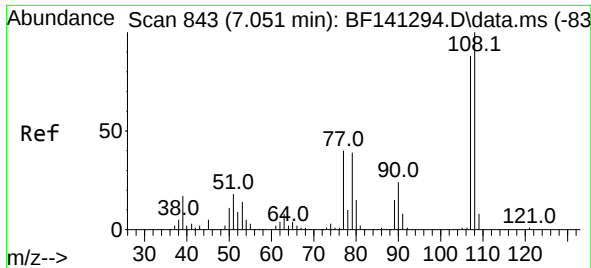


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.711 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57



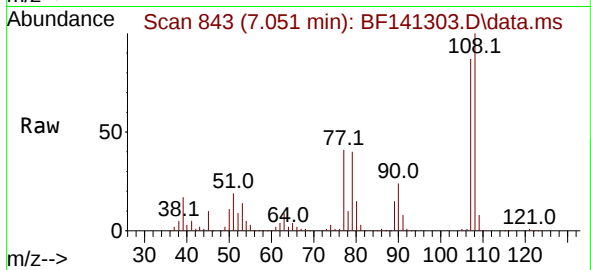
Tgt Ion: 45 Resp: 794288
Ion Ratio Lower Upper
45 100
77 12.2 0.0 31.8
79 9.2 0.0 29.1





#17
2-Methylphenol
Concen: 47.030 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

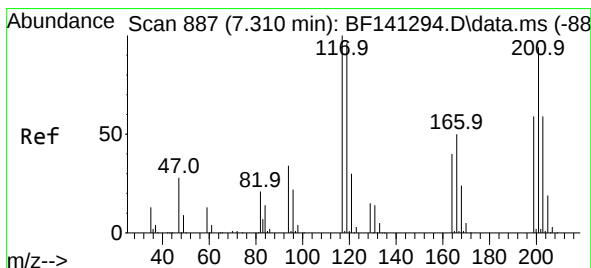
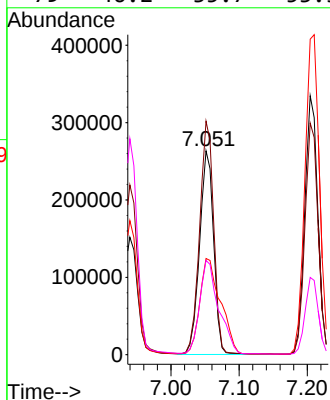
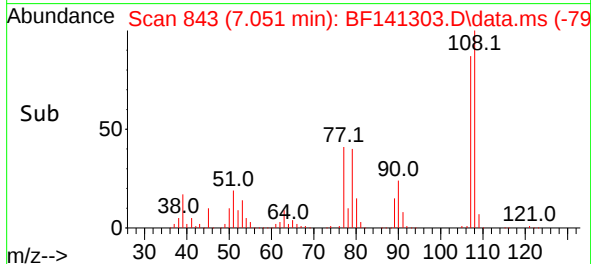
Instrument :
BNA_F
ClientSampleId :
PB166335BS



Tgt Ion:107 Resp: 379334
Ion Ratio Lower Upper
107 100
108 114.5 90.8 136.2
77 47.2 36.2 54.4
79 46.2 35.7 53.5

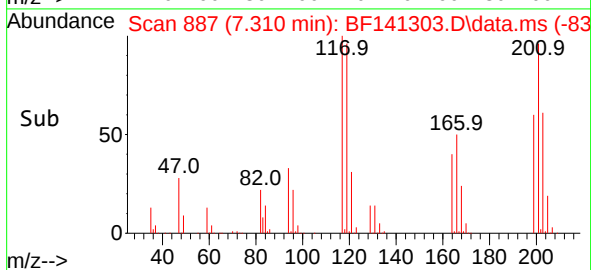
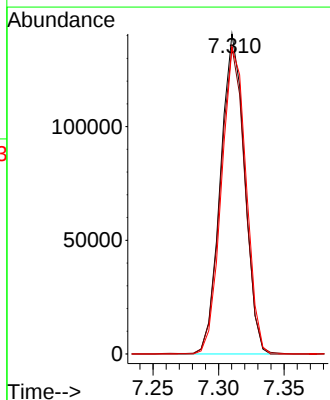
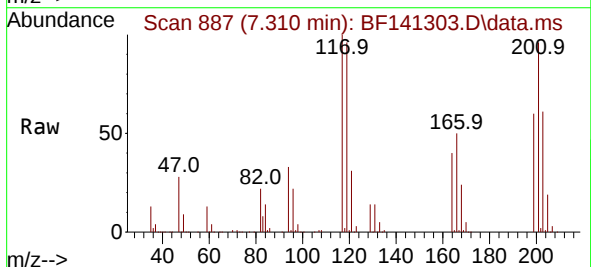
Manual Integrations
APPROVED

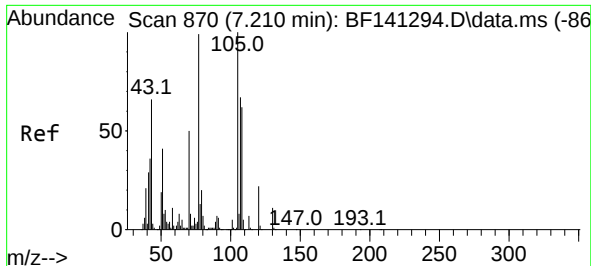
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#18
Hexachloroethane
Concen: 44.272 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

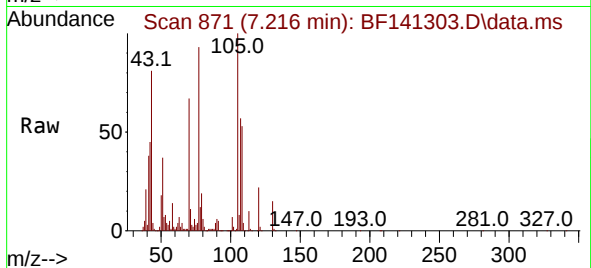
Tgt Ion:117 Resp: 179539
Ion Ratio Lower Upper
117 100
119 96.0 76.6 114.8
201 95.8 74.8 112.2





#19
n-Nitroso-di-n-propylamine
Concen: 45.551 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

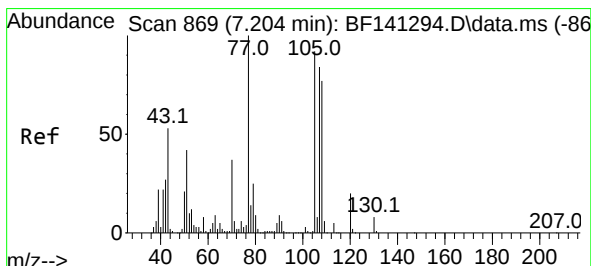
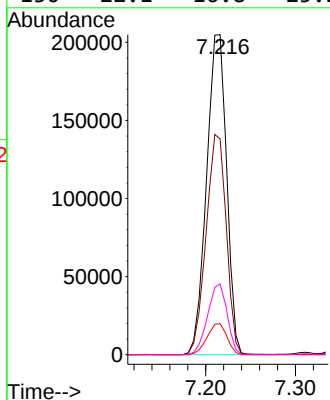
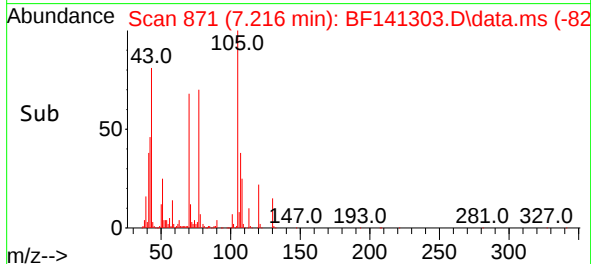
Instrument :
BNA_F
ClientSampleId :
PB166335BS



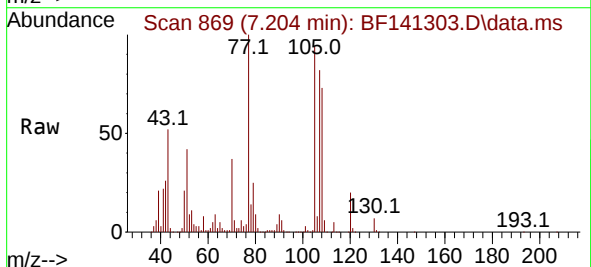
Tgt Ion: 70 Resp: 31881
Ion Ratio Lower Upper
70 100
42 67.4 56.8 85.2
101 9.7 7.7 11.5
130 22.1 16.8 25.2

Manual Integrations
APPROVED

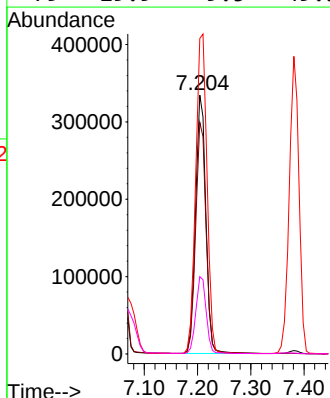
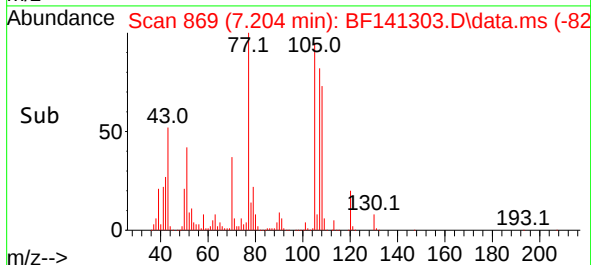
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

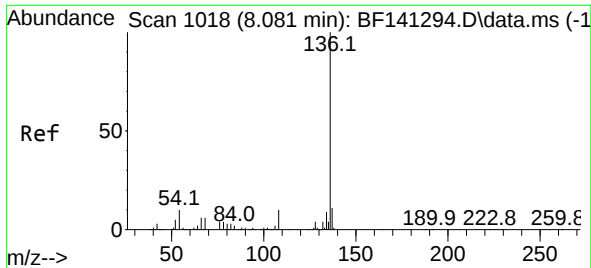


#20
3+4-Methylphenols
Concen: 45.403 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57



Tgt Ion:107 Resp: 449643
Ion Ratio Lower Upper
107 100
108 89.5 70.9 110.9
77 121.9 98.5 138.5
79 29.9 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

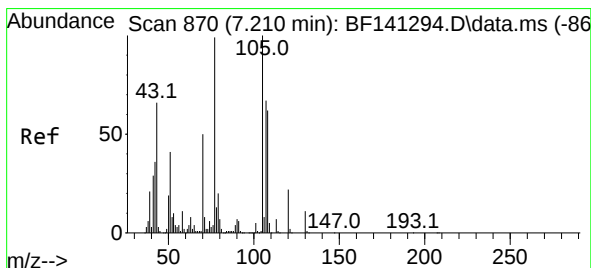
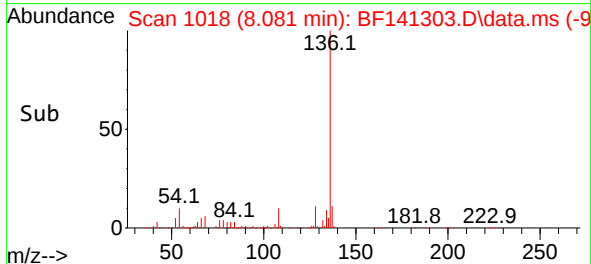
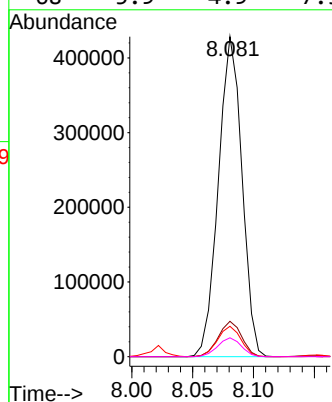
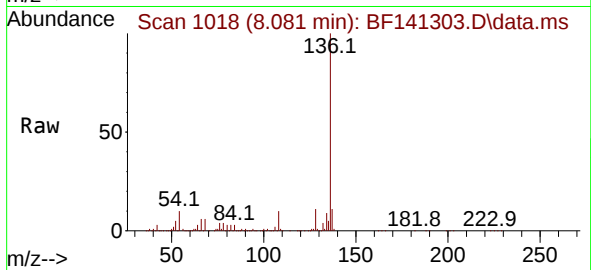
PB166335BS

Tgt Ion:136 Resp: 57765
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.5 7.8 11.8
68 5.9 4.9 7.3

Manual Integrations

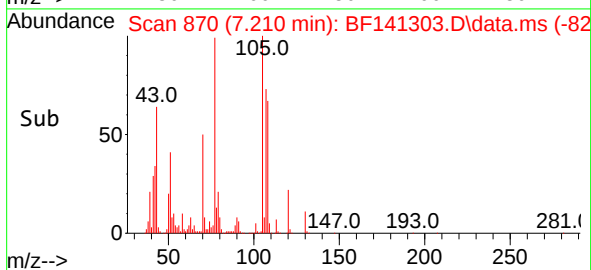
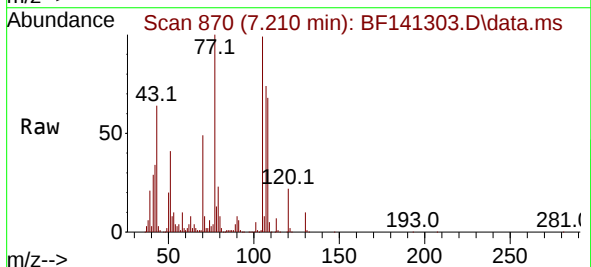
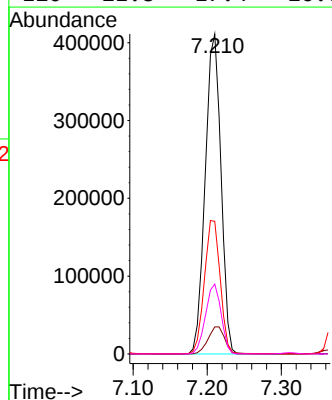
APPROVED

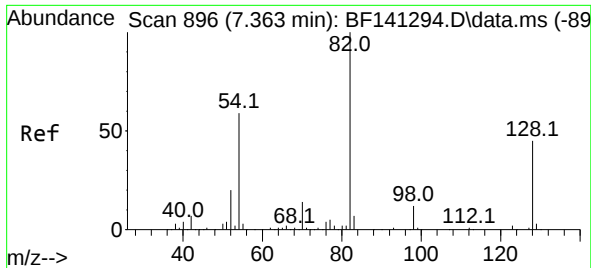
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#22
Acetophenone
Concen: 44.258 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:105 Resp: 607690
Ion Ratio Lower Upper
105 100
71 8.4 6.8 10.2
51 41.4 32.6 49.0
120 21.8 17.4 26.0





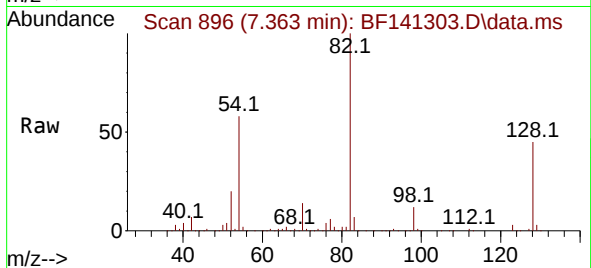
#23
Nitrobenzene-d5
Concen: 87.947 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

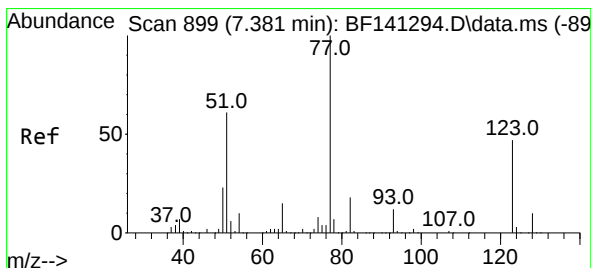
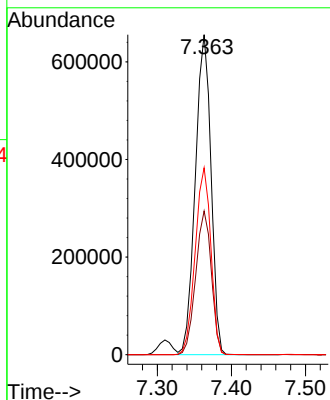
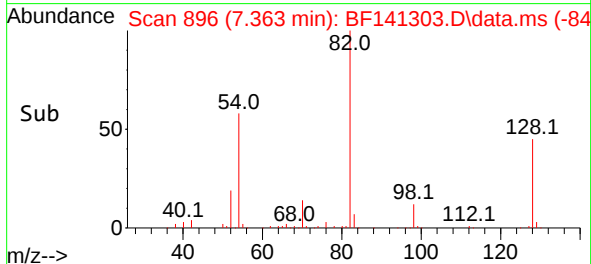


Tgt Ion: 82 Resp: 963698
Ion Ratio Lower Upper
82 100
128 44.9 35.7 53.5
54 58.4 47.1 70.7

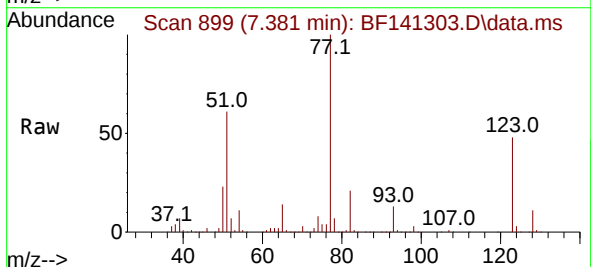
Manual Integrations

APPROVED

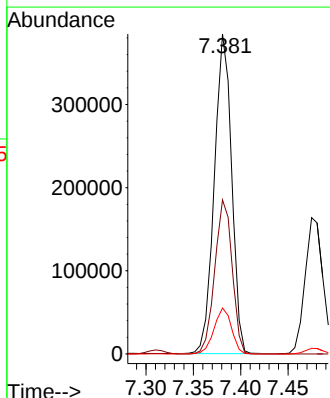
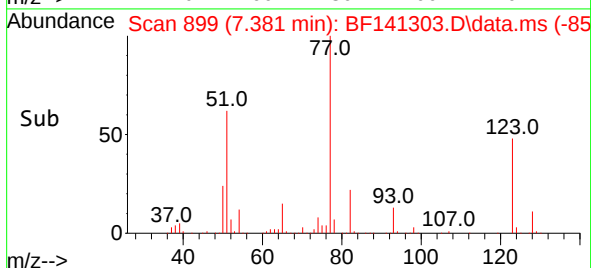
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#24
Nitrobenzene
Concen: 43.064 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57



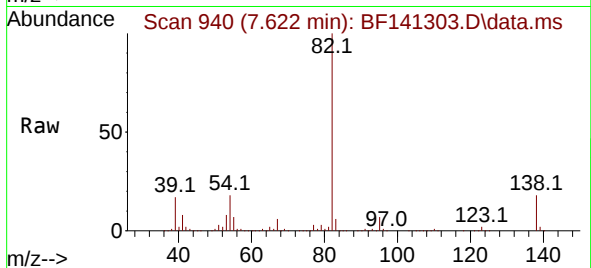
Tgt Ion: 77 Resp: 489014
Ion Ratio Lower Upper
77 100
123 48.2 37.3 55.9
65 14.3 11.8 17.6





#25
Isophorone
Concen: 47.071 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

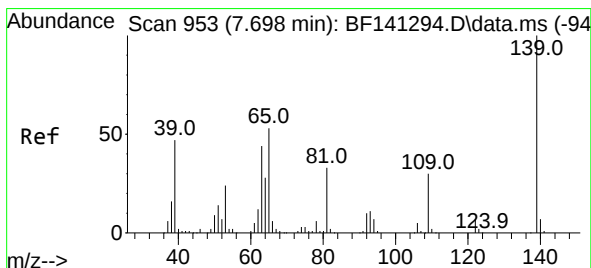
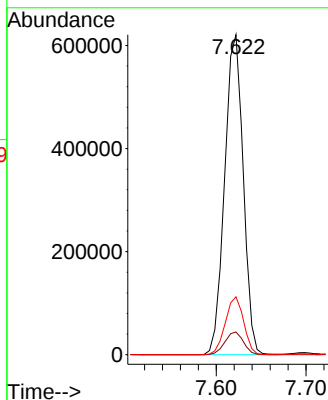
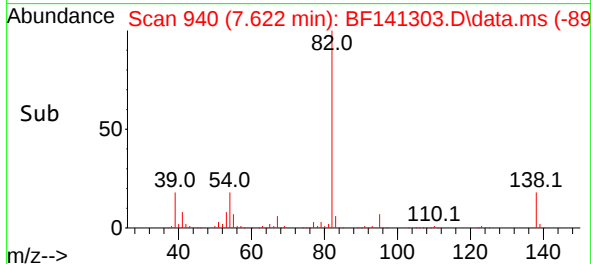
Instrument :
BNA_F
ClientSampleId :
PB166335BS



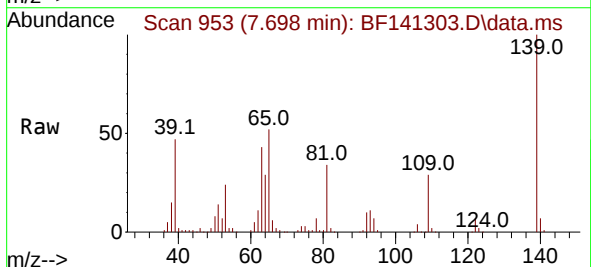
Tgt Ion: 82 Resp: 891594
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 18.1 14.7 22.1

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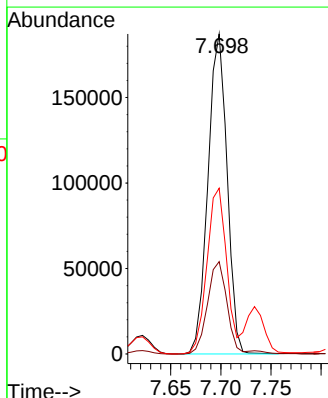
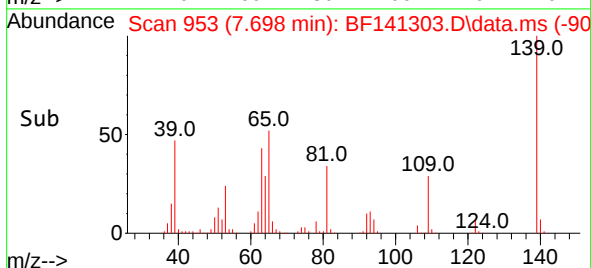
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

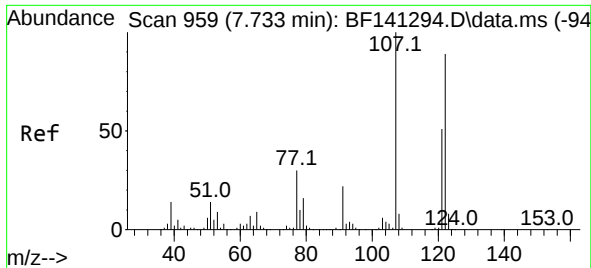


#26
2-Nitrophenol
Concen: 46.424 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57



Tgt Ion:139 Resp: 248620
Ion Ratio Lower Upper
139 100
109 28.9 23.8 35.6
65 51.8 42.2 63.4





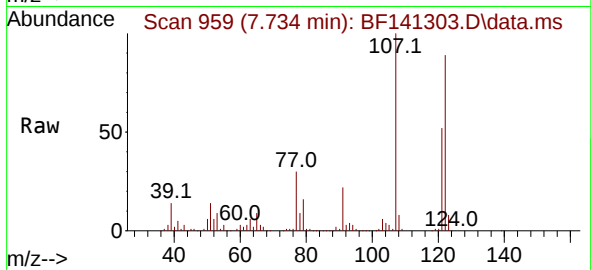
#27
2,4-Dimethylphenol
Concen: 55.605 ng
RT: 7.734 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

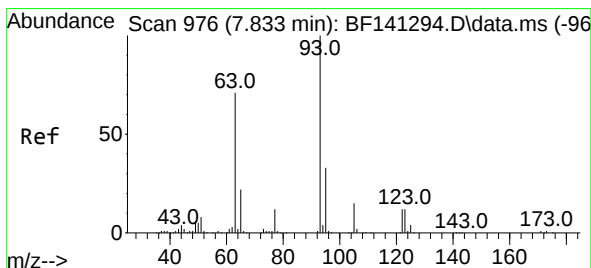
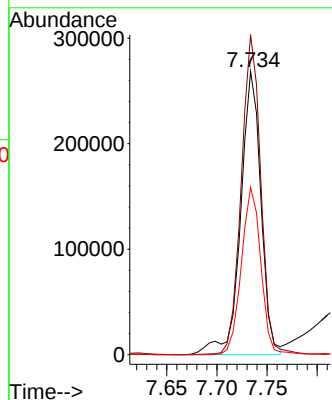
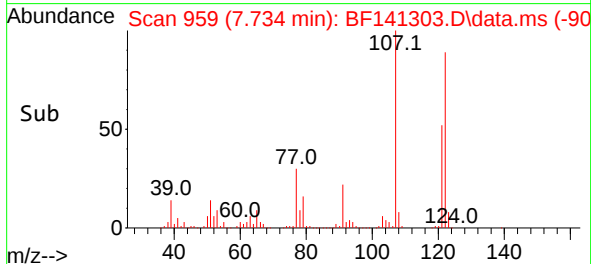


Tgt Ion:122 Resp: 379040
Ion Ratio Lower Upper
122 100
107 113.0 89.9 134.9
121 59.1 46.1 69.1

Manual Integrations

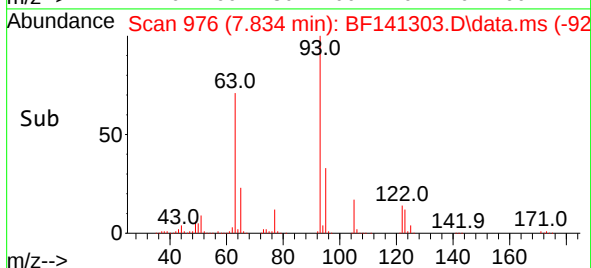
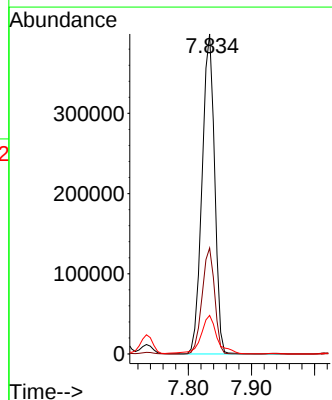
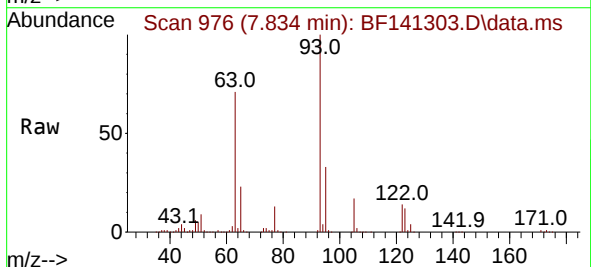
APPROVED

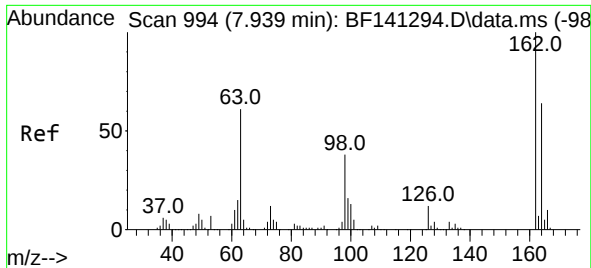
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.641 ng
RT: 7.834 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion: 93 Resp: 551443
Ion Ratio Lower Upper
93 100
95 33.1 26.2 39.2
123 12.1 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.364 ng

RT: 7.940 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141303.D

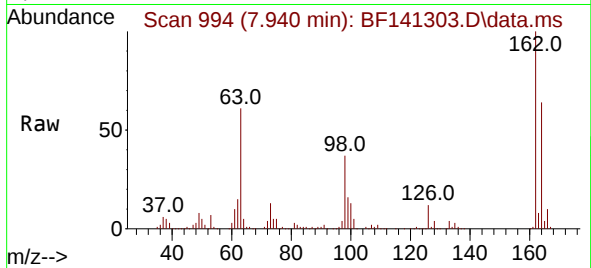
Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

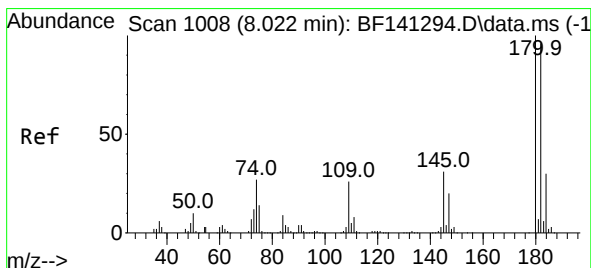
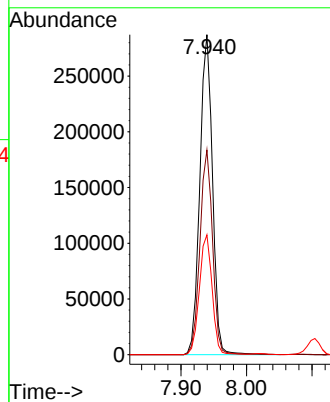
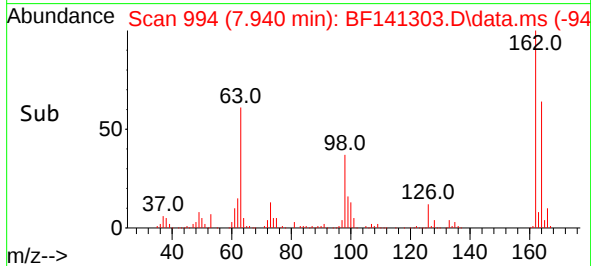


Tgt Ion:162	Resp:	38690	
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.2	84.2
98	37.5	18.2	58.2

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 41.588 ng

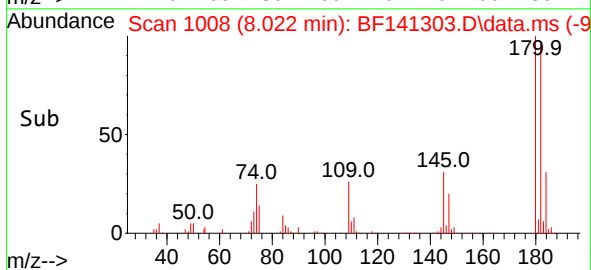
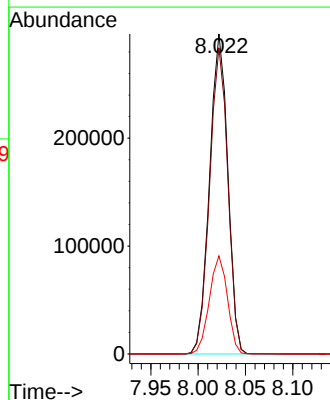
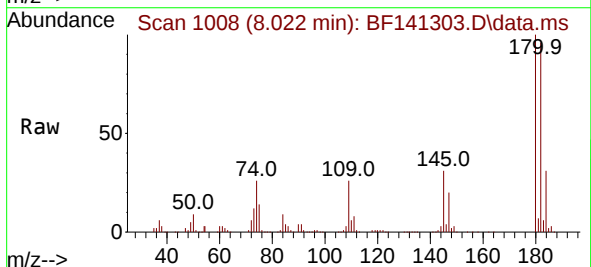
RT: 8.022 min Scan# 1008

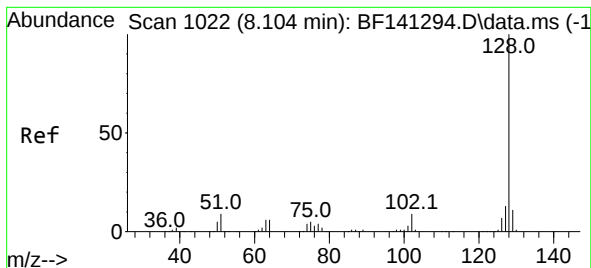
Delta R.T. -0.006 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Tgt Ion:180	Resp:	396349	
Ion Ratio	Lower	Upper	
180	100		
182	95.7	76.4	114.6
145	30.6	24.9	37.3





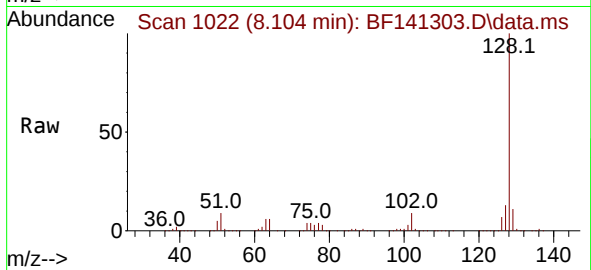
#31
Naphthalene
Concen: 43.940 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

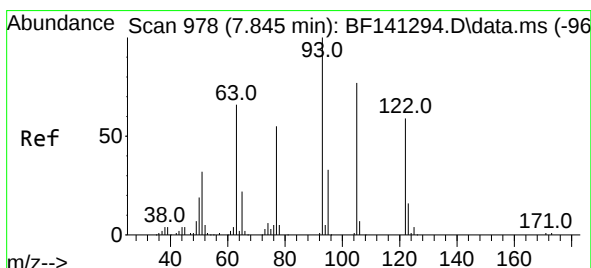
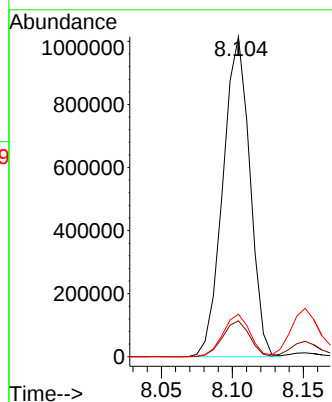
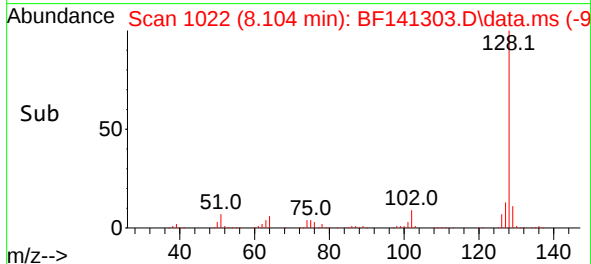


Tgt Ion:128 Resp: 1340862
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.6 15.8

Manual Integrations

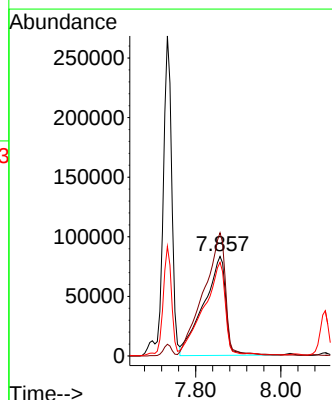
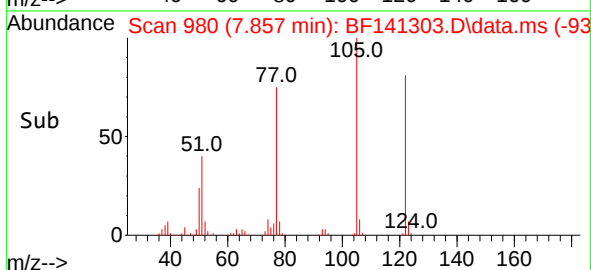
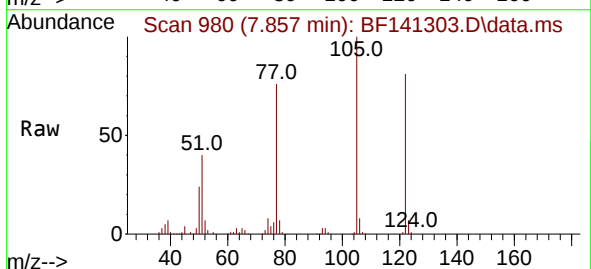
APPROVED

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



#32
Benzoic acid
Concen: 47.947 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.024 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

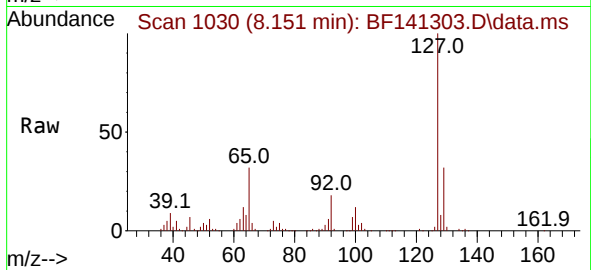
Tgt Ion:122 Resp: 300455
Ion Ratio Lower Upper
122 100
105 123.7 103.4 143.4
77 94.1 70.9 110.9





#33
4-Chloroaniline
Concen: 23.645 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

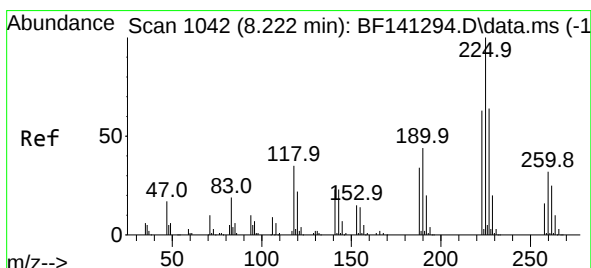
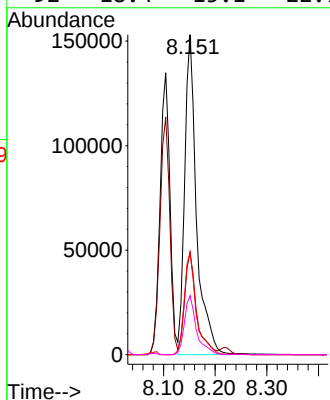
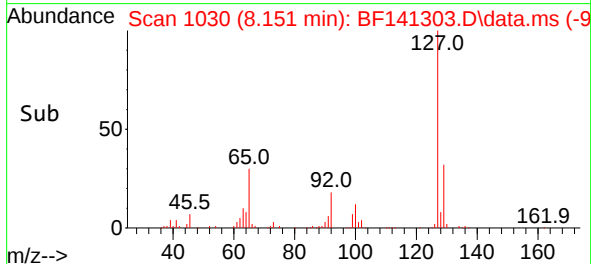
Instrument :
BNA_F
ClientSampleId :
PB166335BS



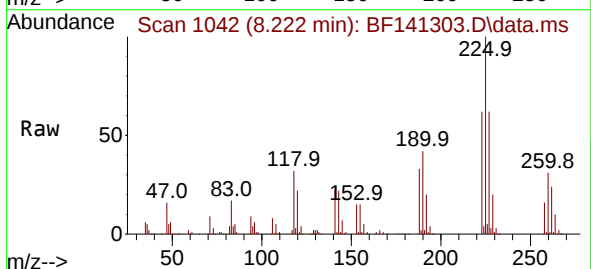
Tgt Ion:	127	Resp:	244684
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.7	38.5
65	32.0	26.4	39.6
92	18.4	15.1	22.7

Manual Integrations
APPROVED

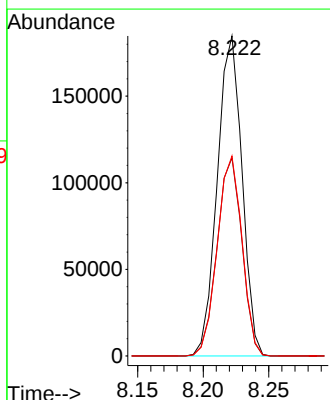
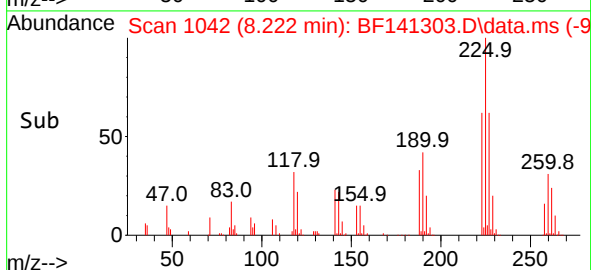
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

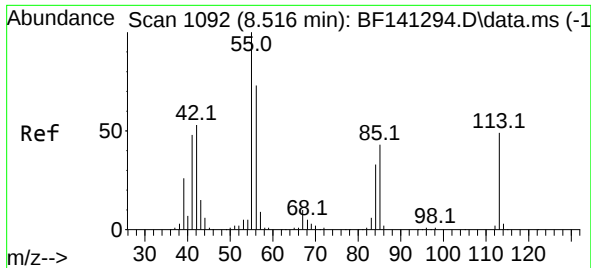


#34
Hexachlorobutadiene
Concen: 43.336 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57



Tgt Ion:	225	Resp:	242199
Ion Ratio	Lower	Upper	
225	100		
223	61.9	50.4	75.6
227	62.5	51.3	76.9





#35
 Caprolactam
 Concen: 47.704 ng m
 RT: 8.522 min Scan# 1093
 Delta R.T. -0.024 min
 Lab File: BF141303.D
 Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

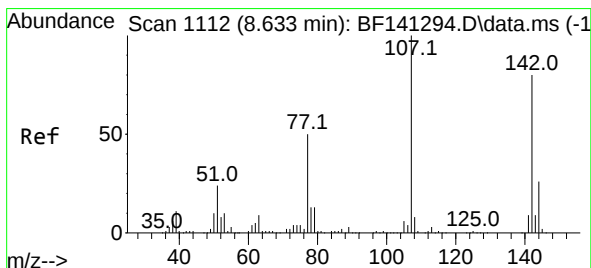
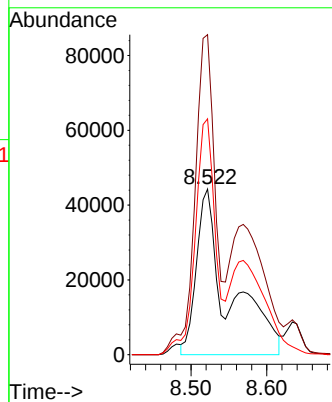
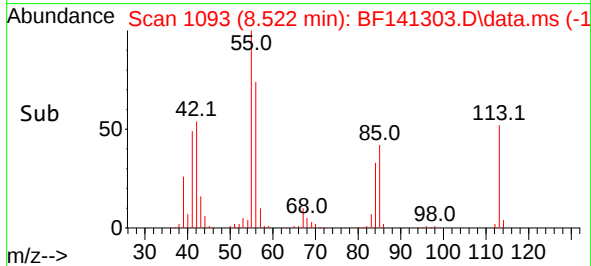
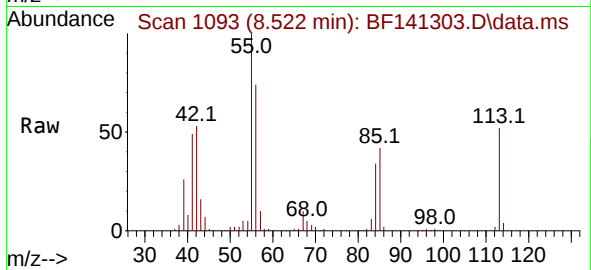
ClientSampleId :

PB166335BS

Tgt Ion:113 Resp: 13001
 Ion Ratio Lower Upper
 113 100
 55 193.2 182.9 222.9
 56 142.4 127.9 167.9

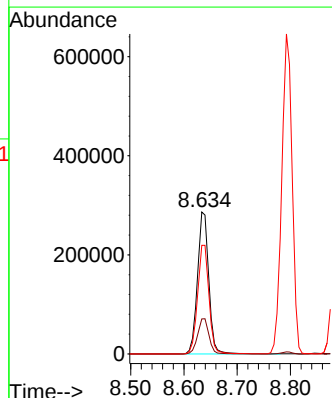
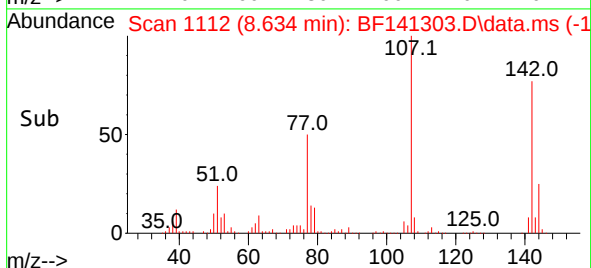
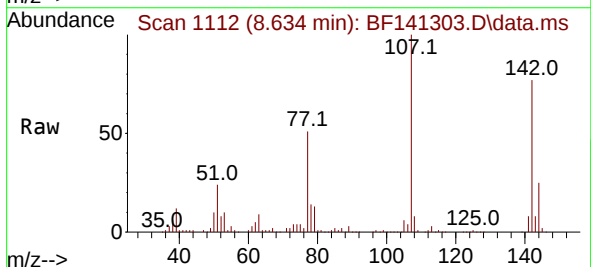
Manual Integrations
 APPROVED

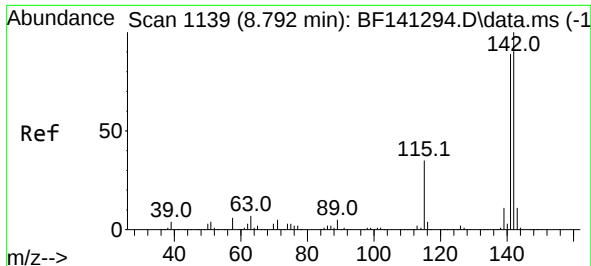
Reviewed By :Jagrut Upadhyay 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025



#36
 4-Chloro-3-methylphenol
 Concen: 47.276 ng
 RT: 8.634 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141303.D
 Acq: 30 Jan 2025 09:57

Tgt Ion:107 Resp: 423183
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.7 31.1
 142 76.5 63.8 95.8





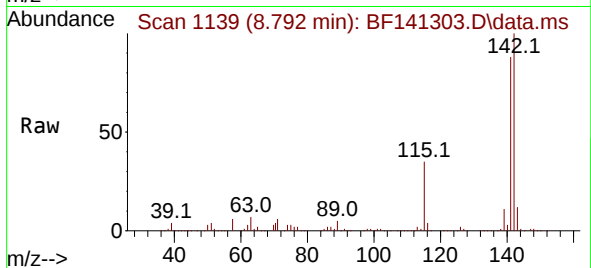
#37
2-Methylnaphthalene
Concen: 45.064 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

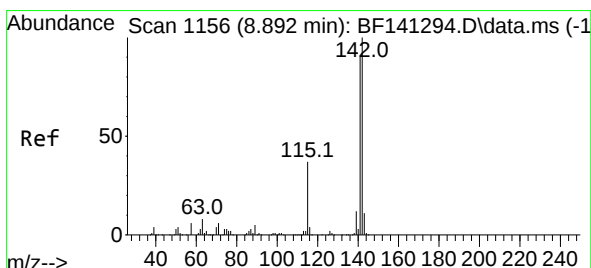
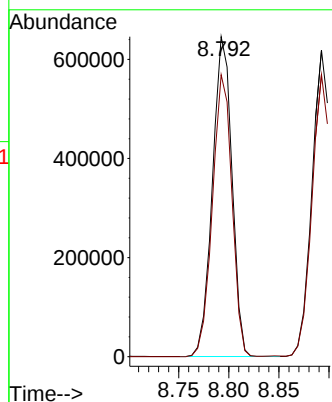
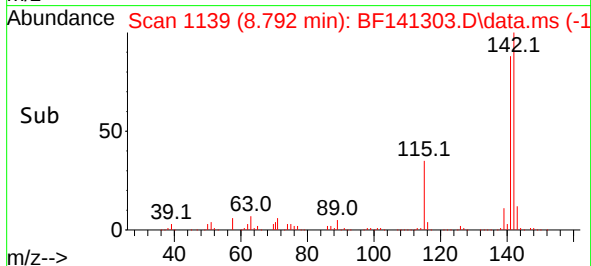


Tgt Ion:142 Resp: 874025
Ion Ratio Lower Upper
142 100
141 88.1 71.3 106.9

Manual Integrations

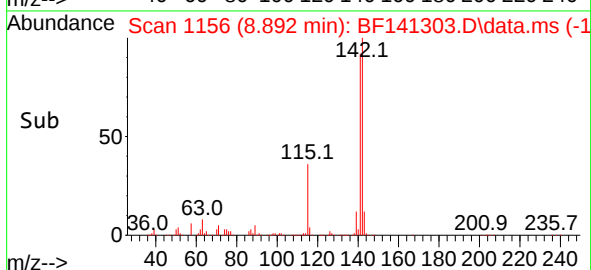
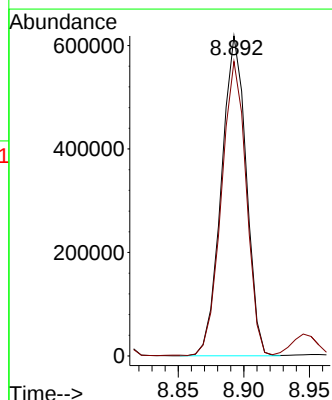
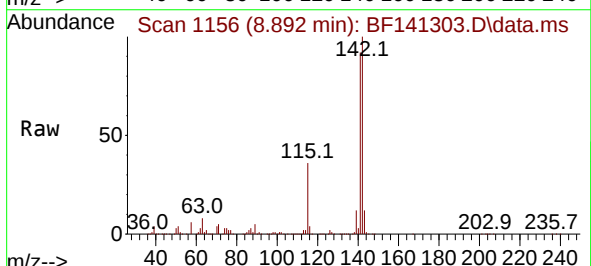
APPROVED

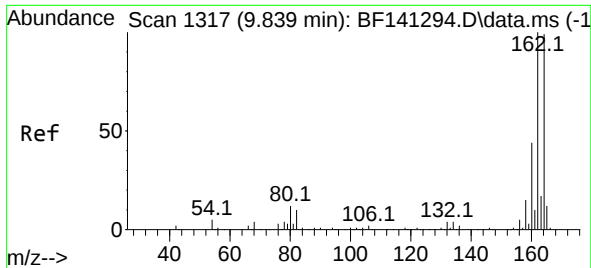
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#38
1-Methylnaphthalene
Concen: 42.680 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:142 Resp: 813150
Ion Ratio Lower Upper
142 100
141 92.1 73.2 109.8





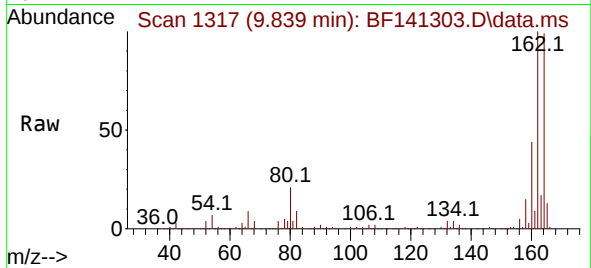
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

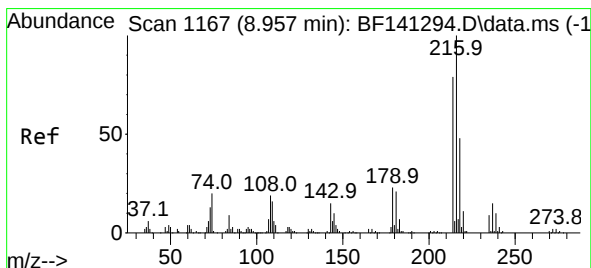
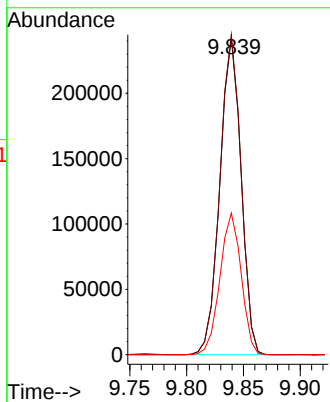
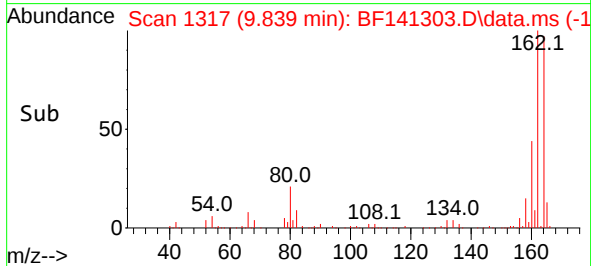


Tgt Ion:164 Resp: 314839
Ion Ratio Lower Upper
164 100
162 101.2 80.6 121.0
160 44.8 35.8 53.6

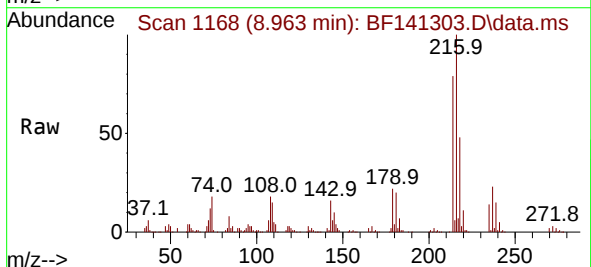
Manual Integrations

APPROVED

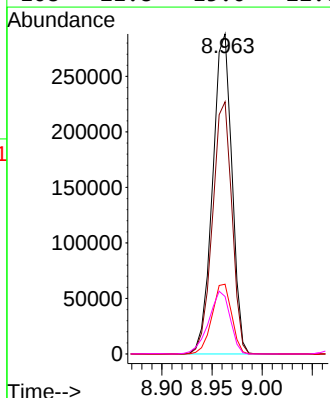
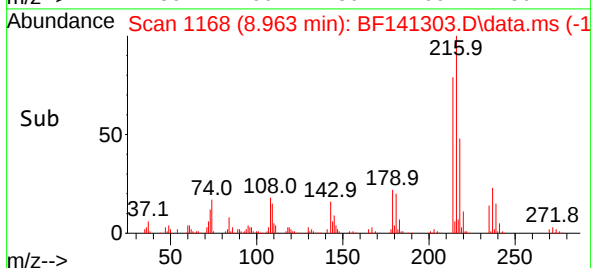
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

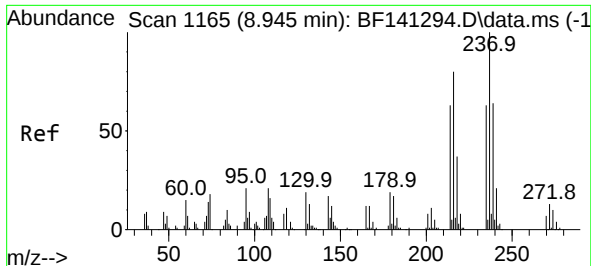


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.934 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57



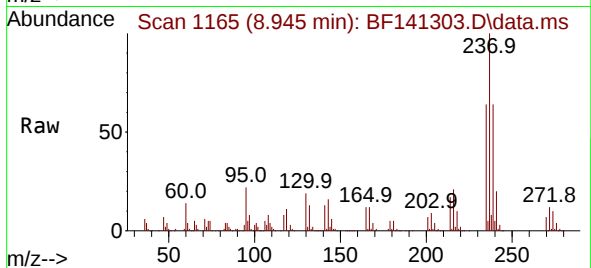
Tgt Ion:216 Resp: 384554
Ion Ratio Lower Upper
216 100
214 79.1 63.2 94.8
179 22.2 17.8 26.8
108 21.8 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 174.494 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

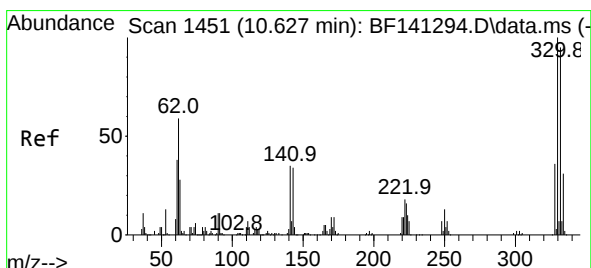
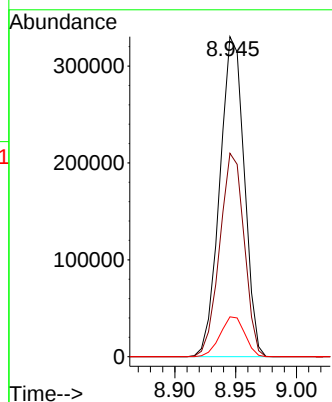
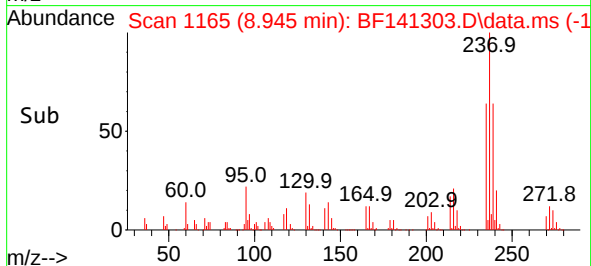
Instrument :
BNA_F
ClientSampleId :
PB166335BS



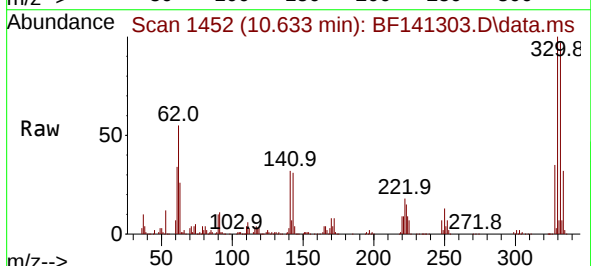
Tgt Ion:237 Resp: 461572
Ion Ratio Lower Upper
237 100
235 63.5 42.9 82.9
272 12.5 0.0 32.8

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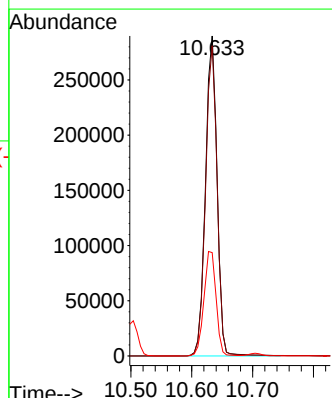
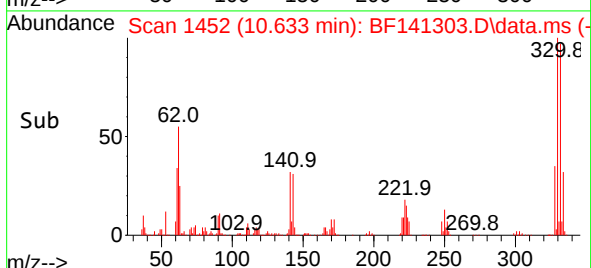
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#42
2,4,6-Tribromophenol
Concen: 132.881 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57



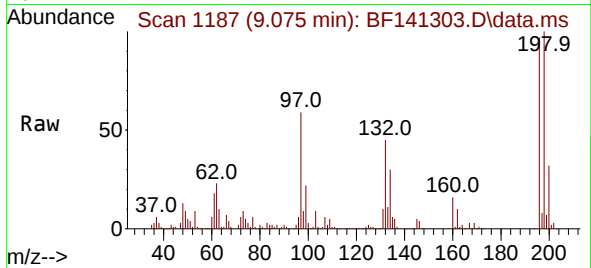
Tgt Ion:330 Resp: 383541
Ion Ratio Lower Upper
330 100
332 97.0 76.1 114.1
141 34.2 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 45.768 ng
RT: 9.075 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

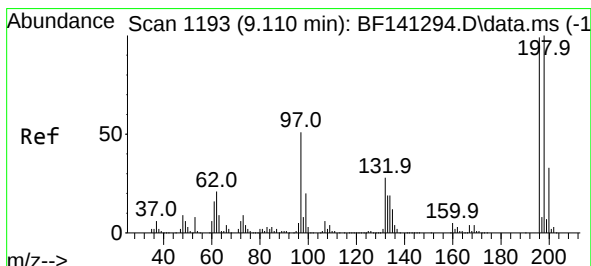
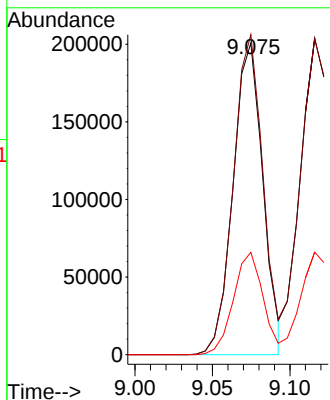
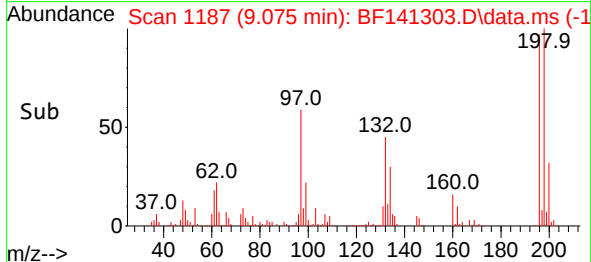
Instrument :
BNA_F
ClientSampleId :
PB166335BS



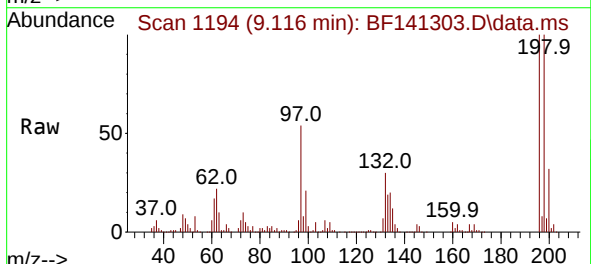
Tgt Ion:196 Resp: 26831
Ion Ratio Lower Upper
196 100
198 102.6 81.8 122.6
200 32.9 26.3 39.5

Manual Integrations
APPROVED

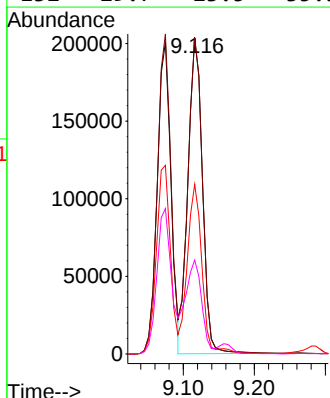
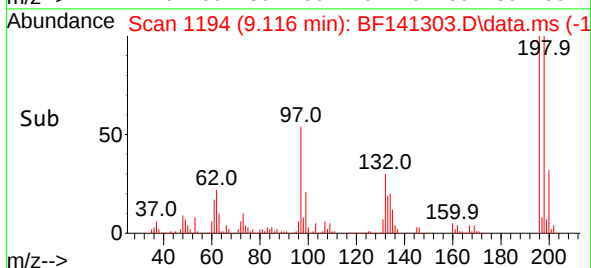
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

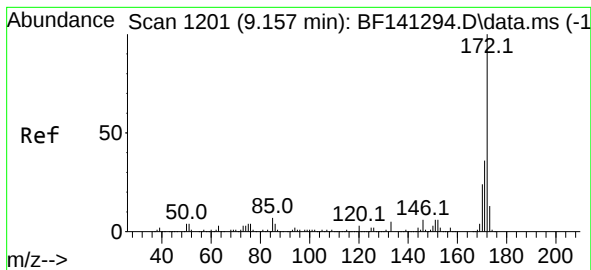


#44
2,4,5-Trichlorophenol
Concen: 45.357 ng
RT: 9.116 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57



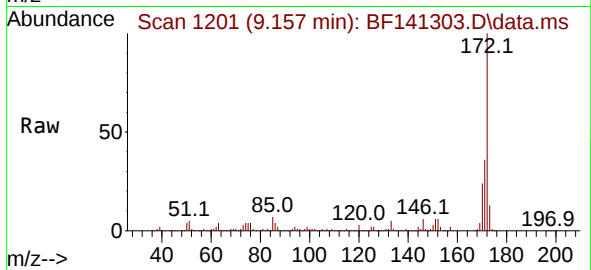
Tgt Ion:196 Resp: 289410
Ion Ratio Lower Upper
196 100
198 99.8 80.5 120.7
97 53.6 42.8 64.2
132 29.7 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 83.483 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

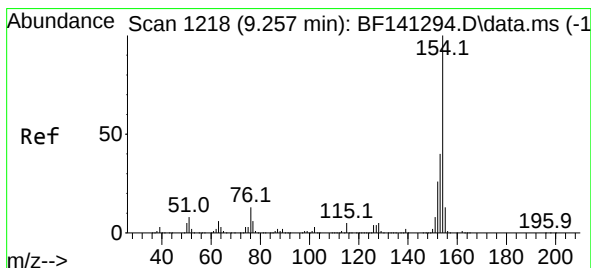
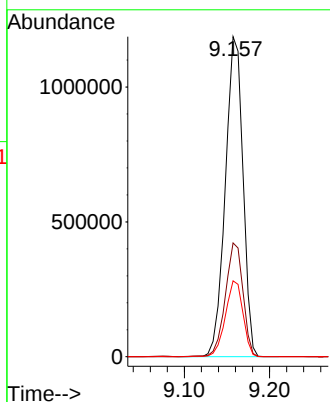
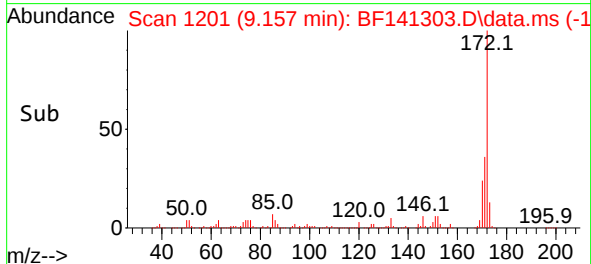
Instrument :
BNA_F
ClientSampleId :
PB166335BS



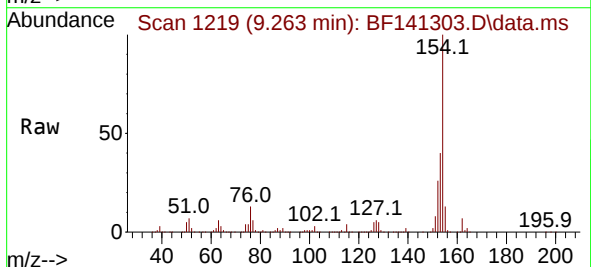
Tgt Ion:172 Resp: 1707638
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.7 19.0 28.6

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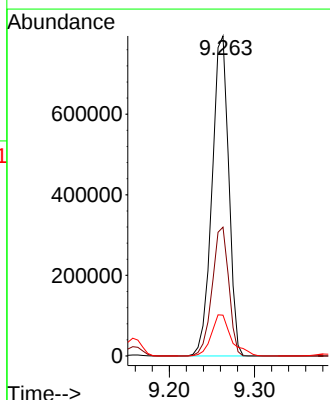
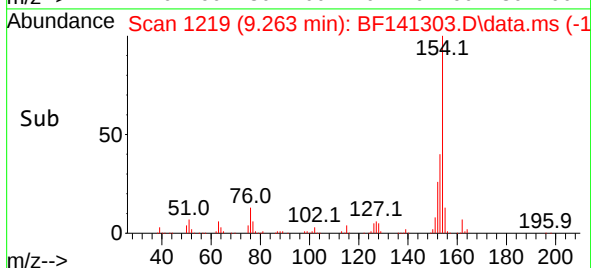
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

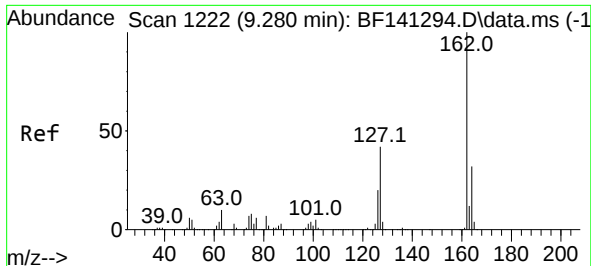


#46
1,1'-Biphenyl
Concen: 43.923 ng
RT: 9.263 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57



Tgt Ion:154 Resp: 1078473
Ion Ratio Lower Upper
154 100
153 40.2 20.0 60.0
76 12.8 0.0 32.8





#47

2-Chloronaphthalene

Concen: 42.319 ng

RT: 9.286 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

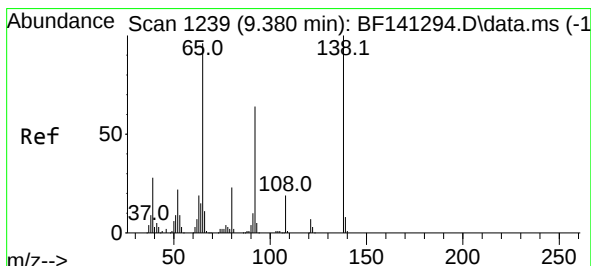
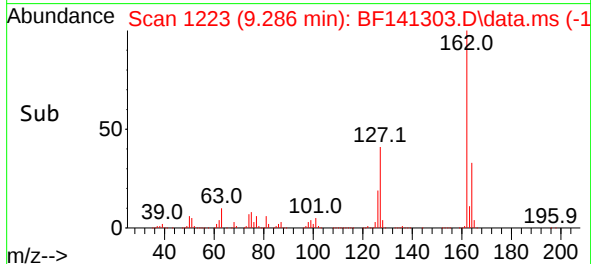
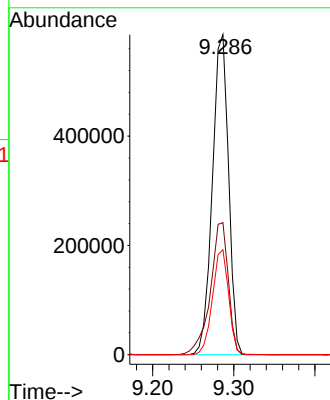
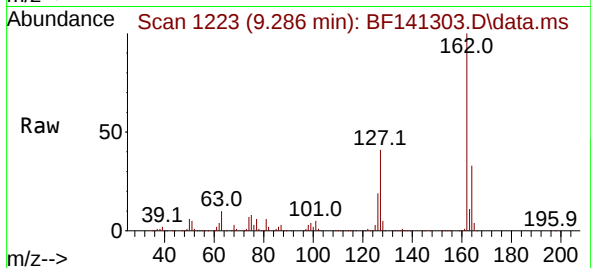
PB166335BS

Tgt Ion:162 Resp: 809908
 Ion Ratio Lower Upper
 162 100
 127 41.2 33.7 50.5
 164 32.8 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: 46.739 ng

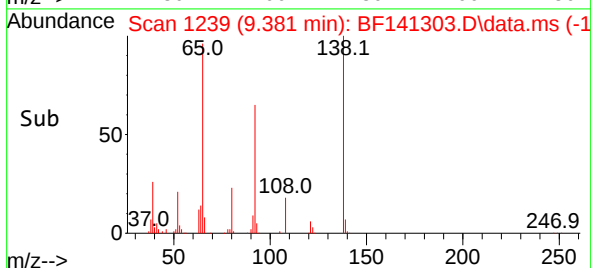
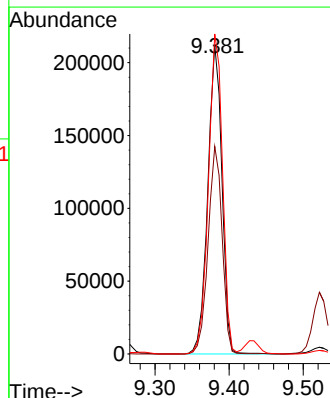
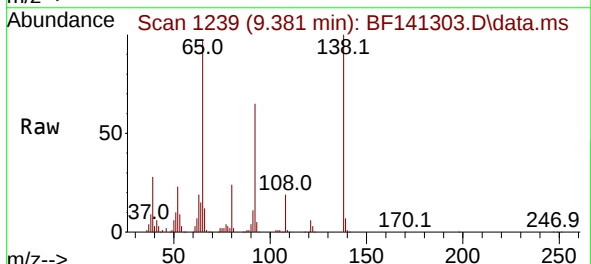
RT: 9.381 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

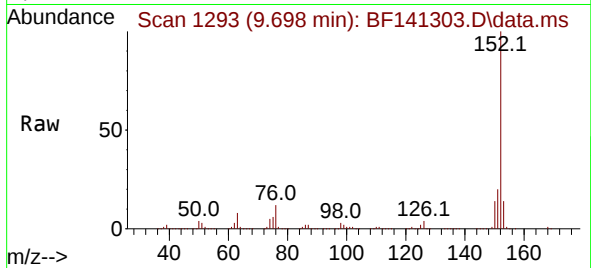
Tgt Ion: 65 Resp: 281360
 Ion Ratio Lower Upper
 65 100
 92 67.1 53.3 79.9
 138 103.5 83.6 125.4





#49
Acenaphthylene
Concen: 46.969 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

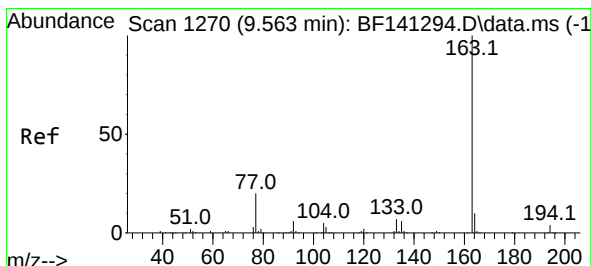
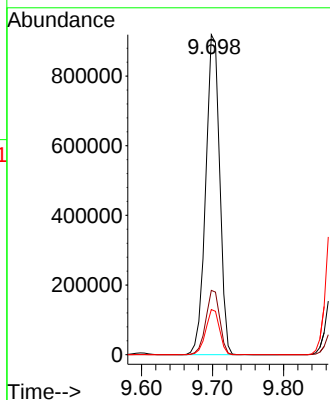
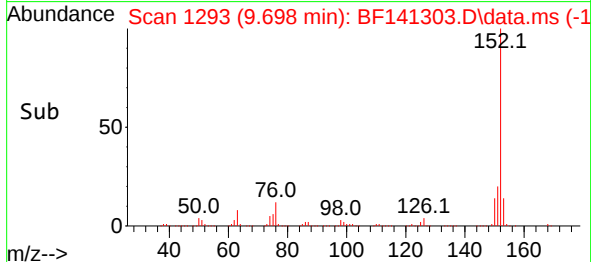
Instrument :
BNA_F
ClientSampleId :
PB166335BS



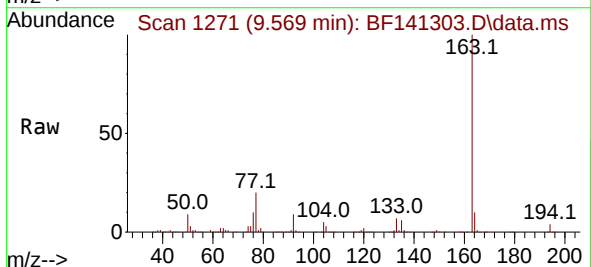
Tgt Ion:152 Resp: 125830
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 14.1 11.0 16.6

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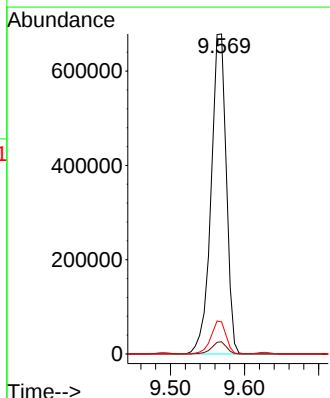
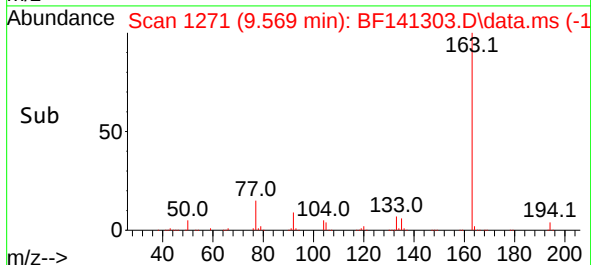
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

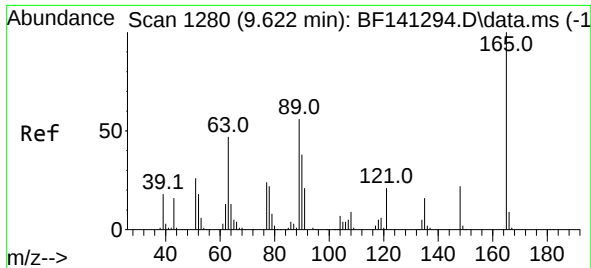


#50
Dimethylphthalate
Concen: 45.457 ng
RT: 9.569 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57



Tgt Ion:163 Resp: 966609
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 44.369 ng
RT: 9.628 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

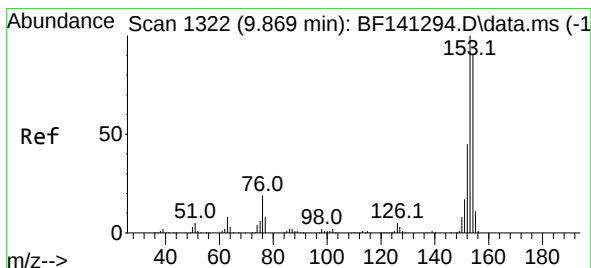
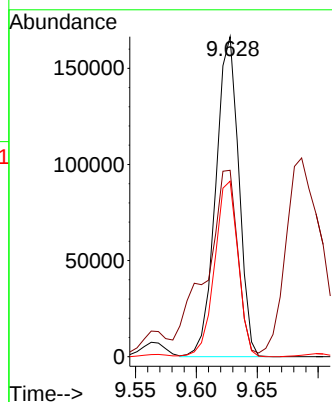
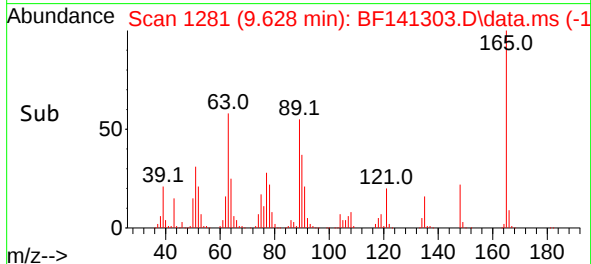
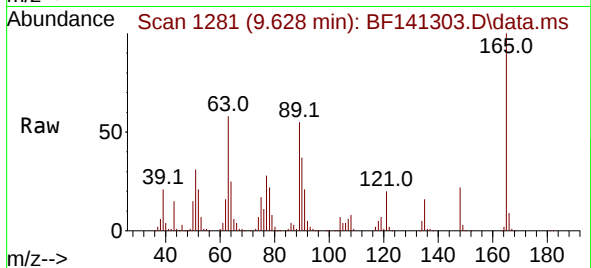
ClientSampleId :

PB166335BS

Tgt Ion:165 Resp: 219062
Ion Ratio Lower Upper
165 100
63 58.3 48.1 72.1
89 54.9 44.9 67.3

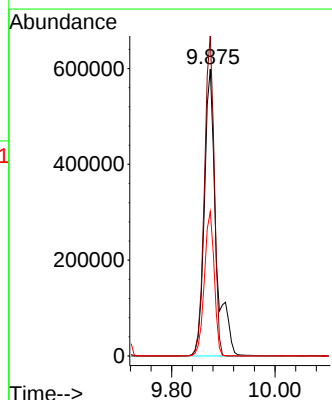
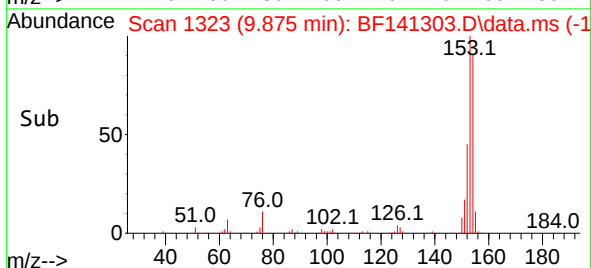
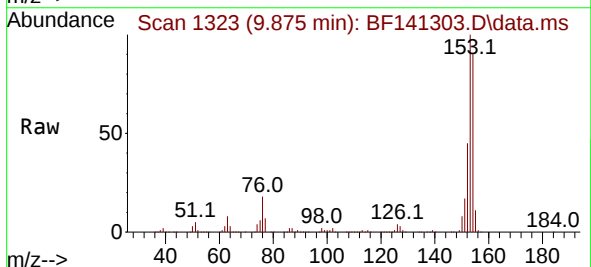
Manual Integrations
APPROVED

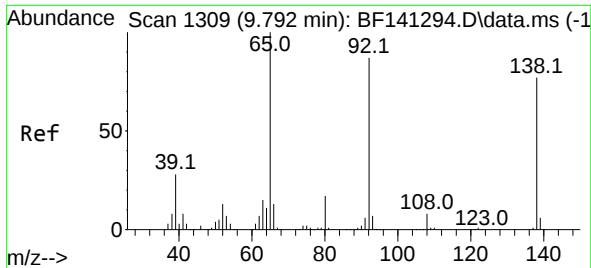
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#52
Acenaphthene
Concen: 49.154 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:154 Resp: 940752
Ion Ratio Lower Upper
154 100
153 111.5 89.0 133.4
152 50.3 40.2 60.4





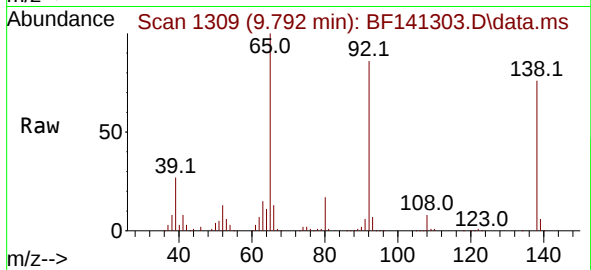
#53
3-Nitroaniline
Concen: 29.127 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

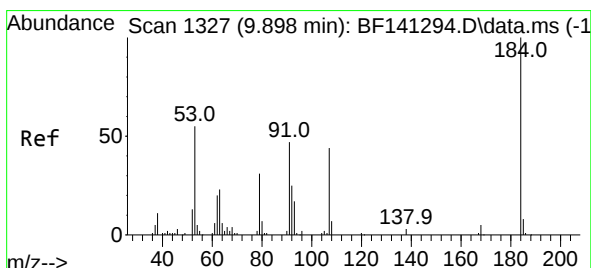
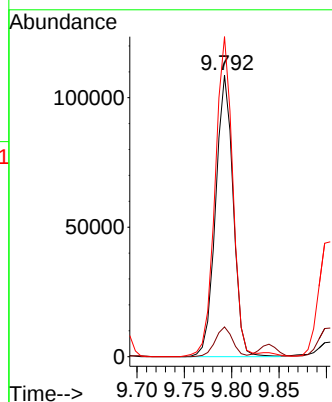
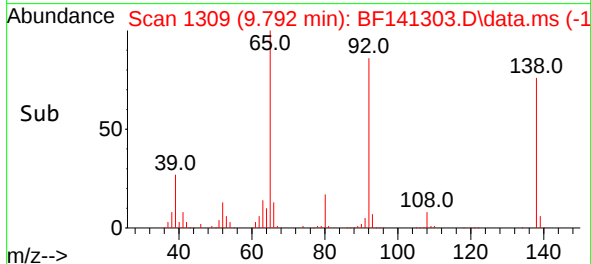


Tgt Ion:138 Resp: 140948
Ion Ratio Lower Upper
138 100
108 10.6 8.6 12.8
92 113.6 91.0 136.6

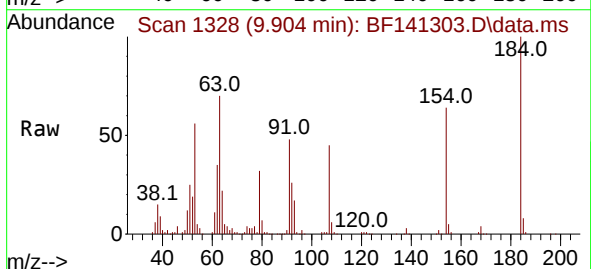
Manual Integrations

APPROVED

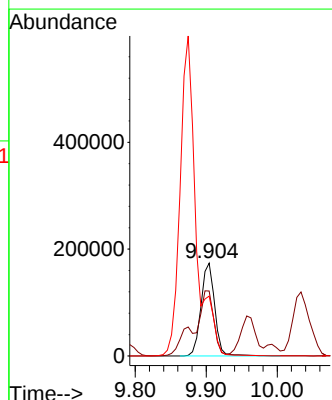
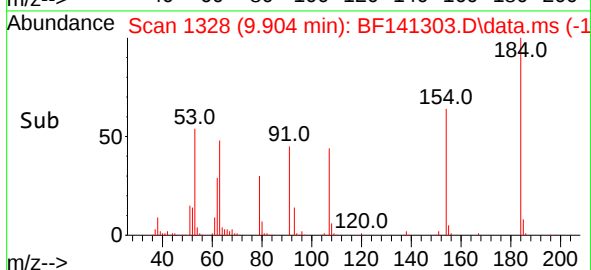
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

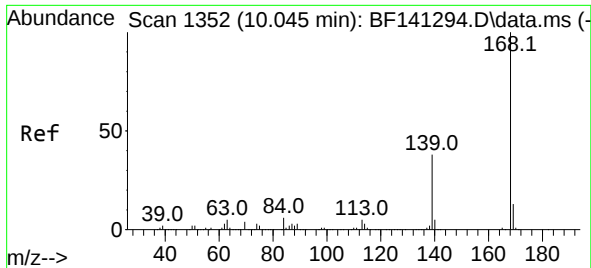


#54
2,4-Dinitrophenol
Concen: 101.996 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57



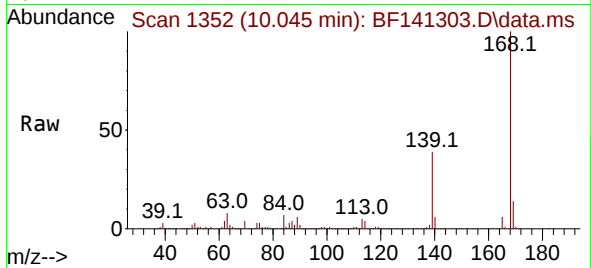
Tgt Ion:184 Resp: 234093
Ion Ratio Lower Upper
184 100
63 70.0 54.1 81.1
154 64.5 50.7 76.1





#55
Dibenzenofuran
Concen: 44.361 ng
RT: 10.045 min Scan# 113644
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

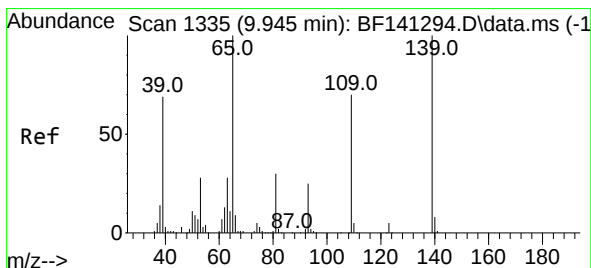
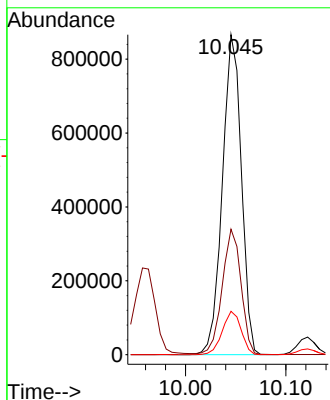
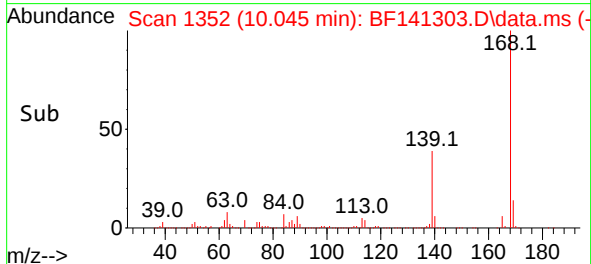
Instrument :
BNA_F
ClientSampleId :
PB166335BS



Tgt Ion:168 Resp: 113644
Ion Ratio Lower Upper
168 100
139 39.2 30.6 46.0
169 13.6 10.8 16.2

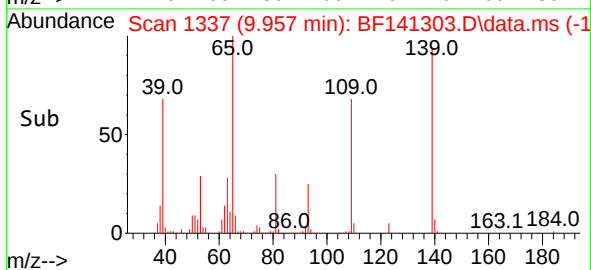
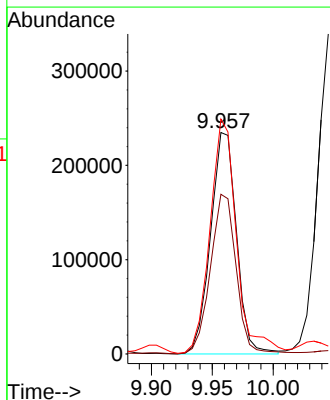
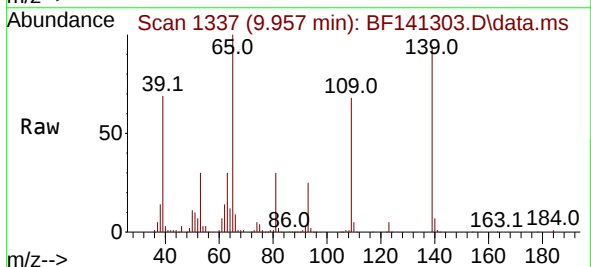
Manual Integrations
APPROVED

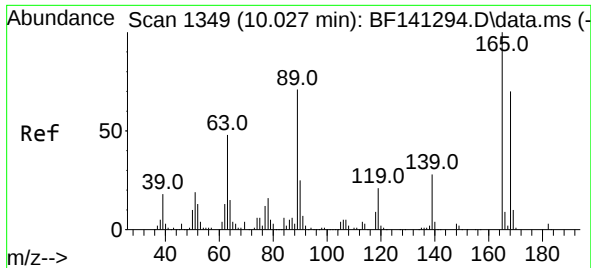
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#56
4-Nitrophenol
Concen: 98.382 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:139 Resp: 348173
Ion Ratio Lower Upper
139 100
109 72.1 50.2 90.2
65 106.1 80.6 120.6





#57
2,4-Dinitrotoluene
Concen: 45.977 ng
RT: 10.034 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

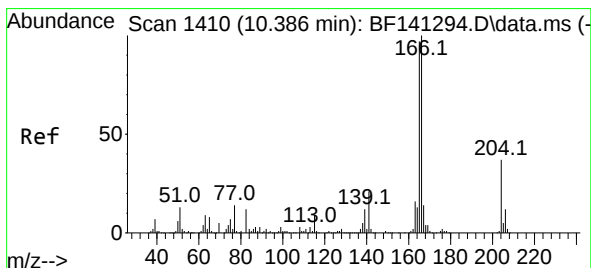
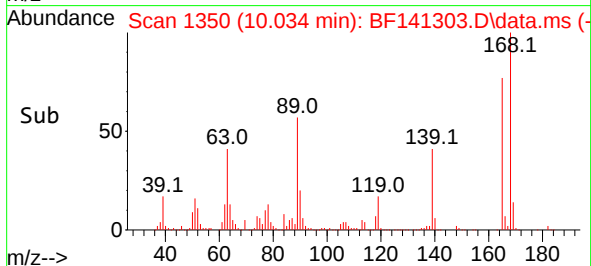
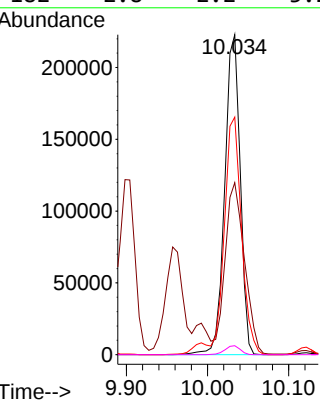
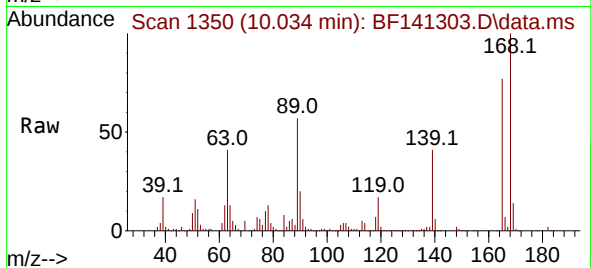
PB166335BS

Tgt Ion:165 Resp: 293904
Ion Ratio Lower Upper
165 100
63 53.8 39.2 58.8
89 74.2 56.9 85.3
182 2.8 2.2 3.2

Manual Integrations

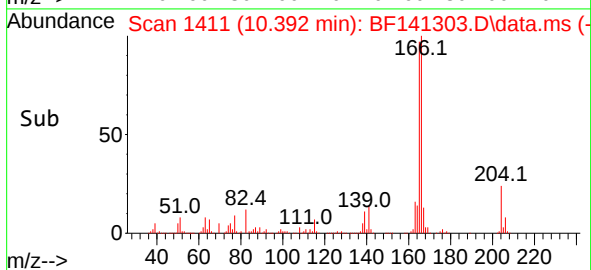
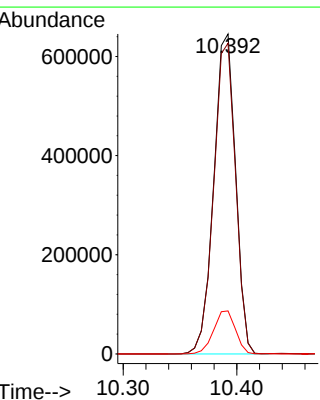
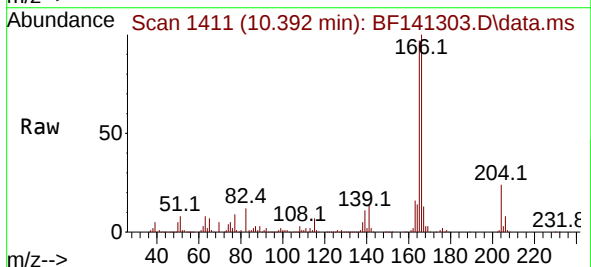
APPROVED

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



#58
Fluorene
Concen: 43.335 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

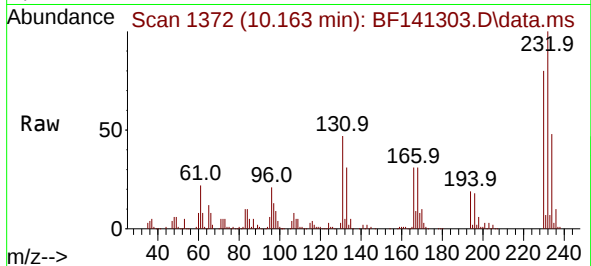
Tgt Ion:166 Resp: 861135
Ion Ratio Lower Upper
166 100
165 97.1 77.5 116.3
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.738 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

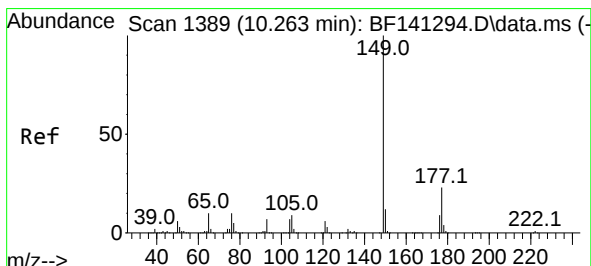
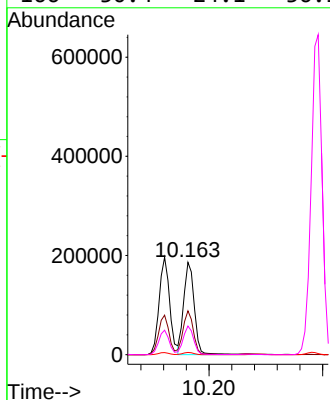
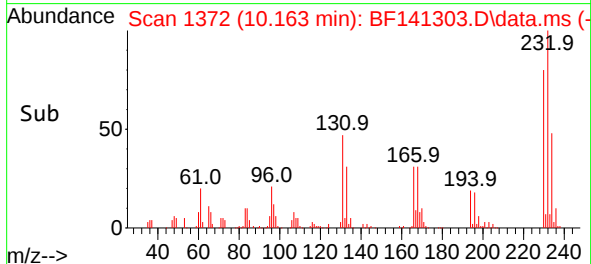
Instrument :
BNA_F
ClientSampleId :
PB166335BS



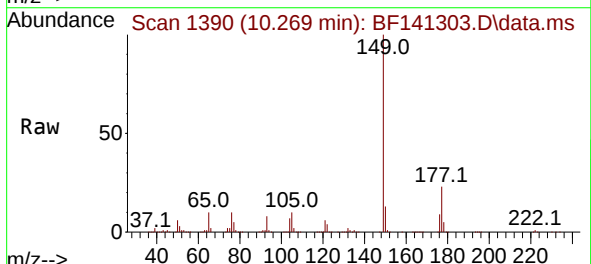
Tgt Ion:232 Resp: 23963
Ion Ratio Lower Upper
232 100
131 47.5 36.4 54.6
130 2.5 1.9 2.9
166 30.4 24.1 36.1

Manual Integrations
APPROVED

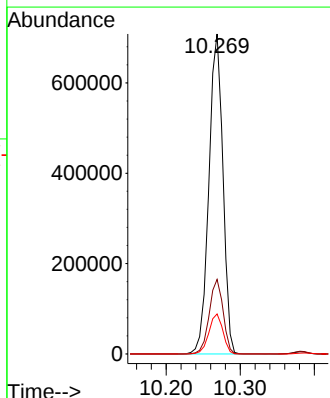
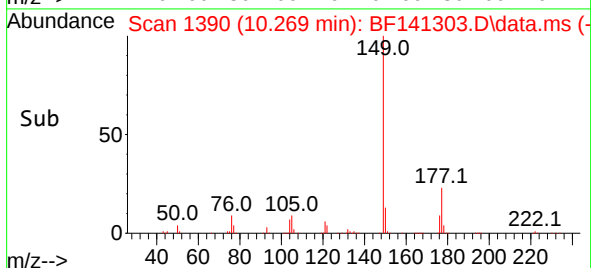
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

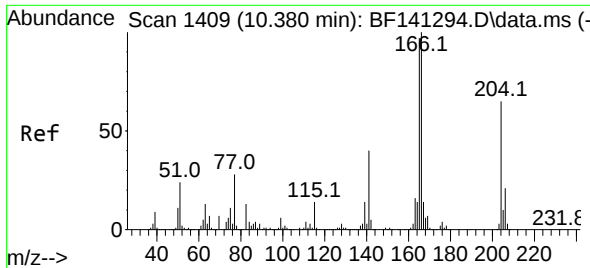


#60
Diethylphthalate
Concen: 45.051 ng
RT: 10.269 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57



Tgt Ion:149 Resp: 928855
Ion Ratio Lower Upper
149 100
177 23.3 18.5 27.7
150 12.5 10.0 15.0





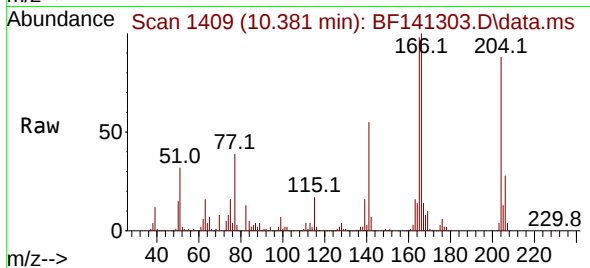
#61
4-Chlorophenyl-phenylether
Concen: 43.368 ng
RT: 10.381 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

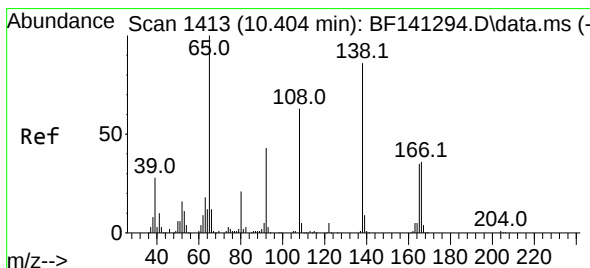
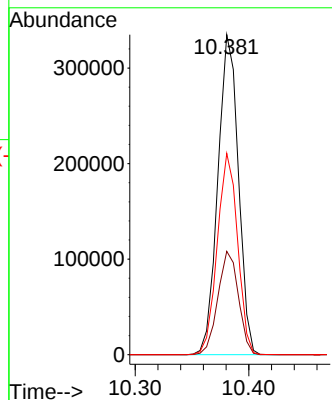
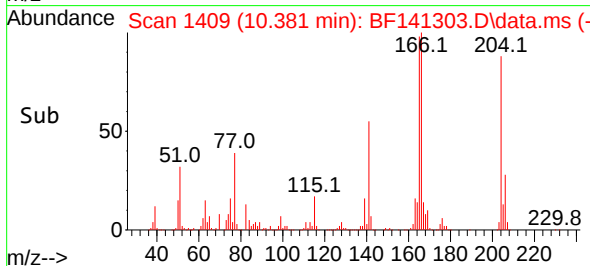


Tgt Ion:204 Resp: 42096
Ion Ratio Lower Upper
204 100
206 32.3 25.9 38.9
141 62.9 49.5 74.3

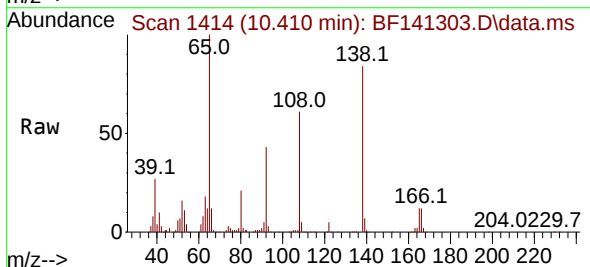
Manual Integrations

APPROVED

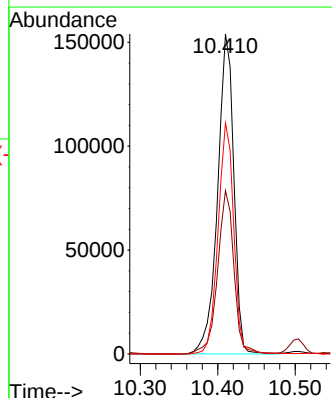
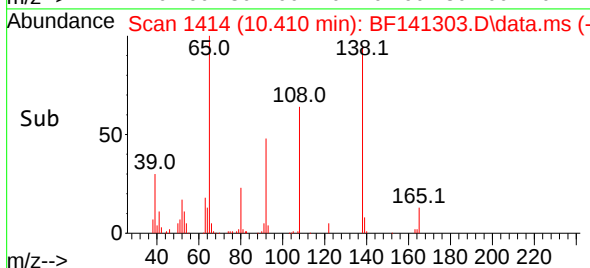
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

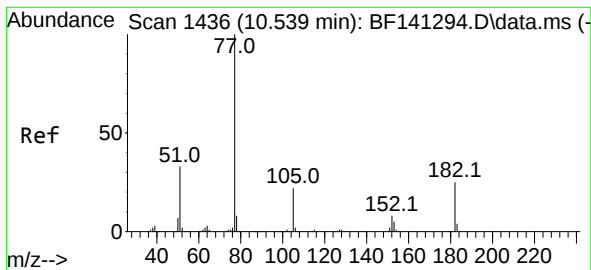


#62
4-Nitroaniline
Concen: 47.166 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57



Tgt Ion:138 Resp: 224393
Ion Ratio Lower Upper
138 100
92 51.0 30.1 70.1
108 72.2 53.1 93.1





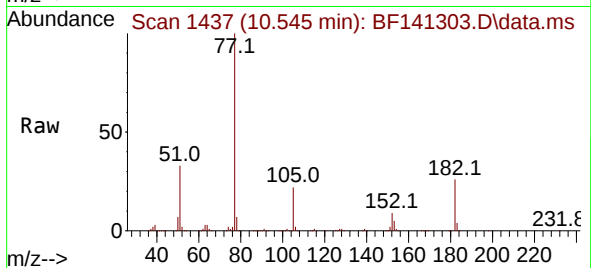
#63
Azobenzene
Concen: 45.821 ng
RT: 10.545 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

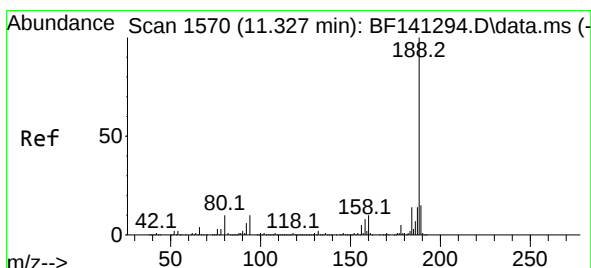
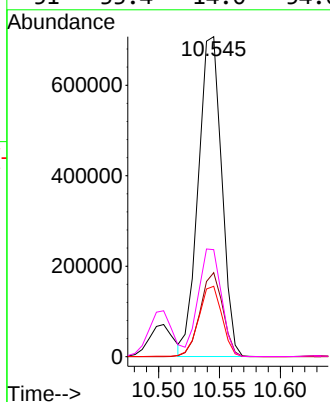
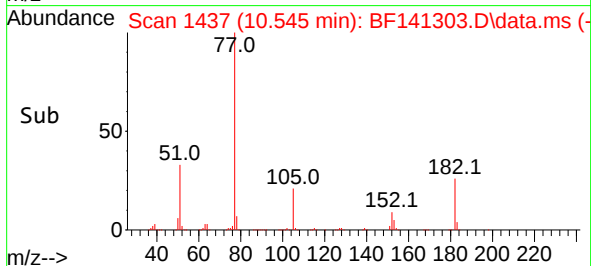


Tgt Ion: 77 Resp: 945659
Ion Ratio Lower Upper
77 100
182 26.2 5.1 45.1
105 22.0 1.8 41.8
51 33.4 14.0 54.0

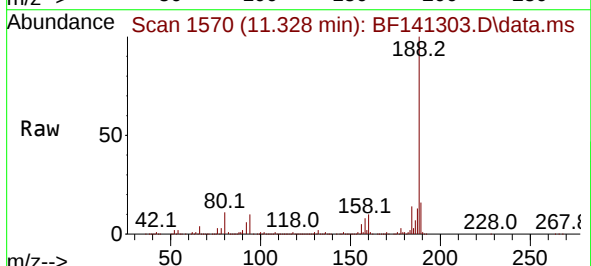
Manual Integrations

APPROVED

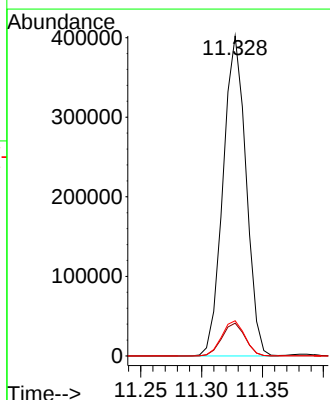
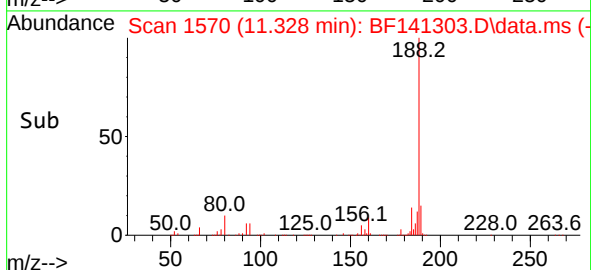
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

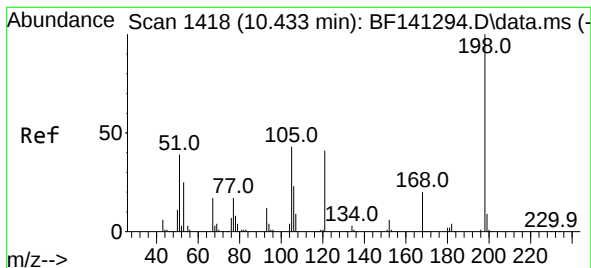


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57



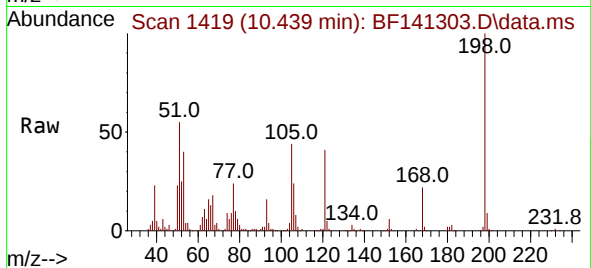
Tgt Ion:188 Resp: 527268
Ion Ratio Lower Upper
188 100
94 10.2 7.8 11.6
80 11.0 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 52.188 ng
RT: 10.439 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

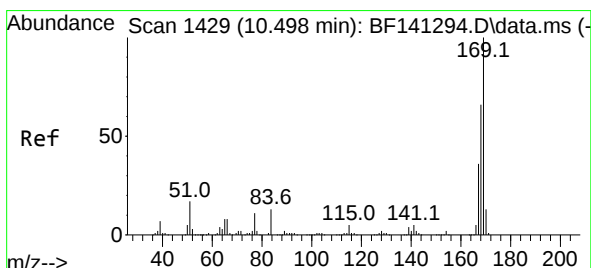
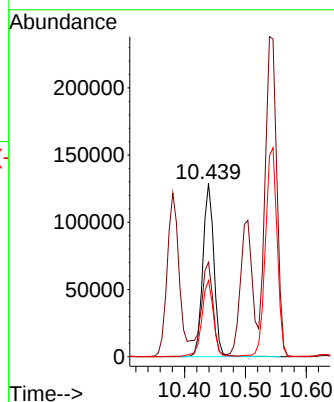
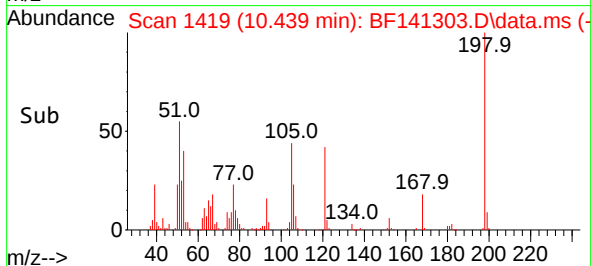
Instrument :
BNA_F
ClientSampleId :
PB166335BS



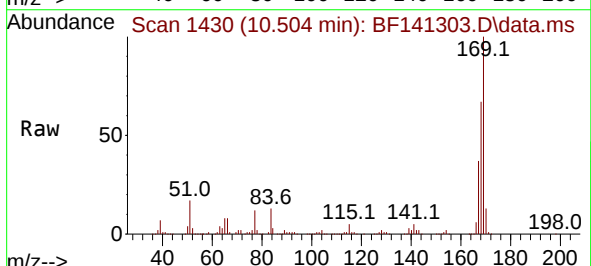
Tgt Ion:198 Resp: 162761
Ion Ratio Lower Upper
198 100
51 54.5 33.4 73.4
105 44.0 24.4 64.4

Manual Integrations
APPROVED

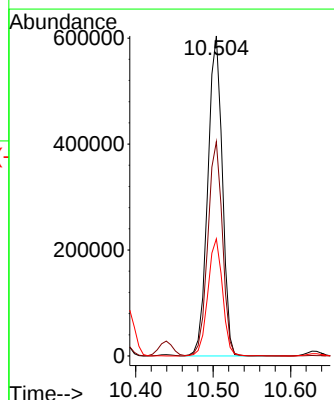
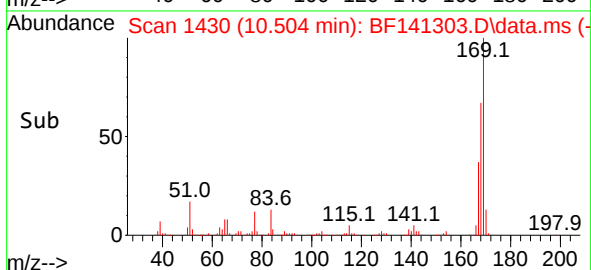
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

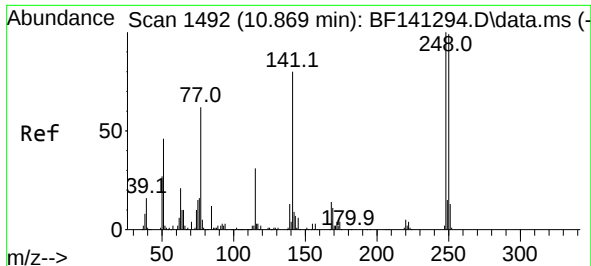


#66
n-Nitrosodiphenylamine
Concen: 46.003 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57



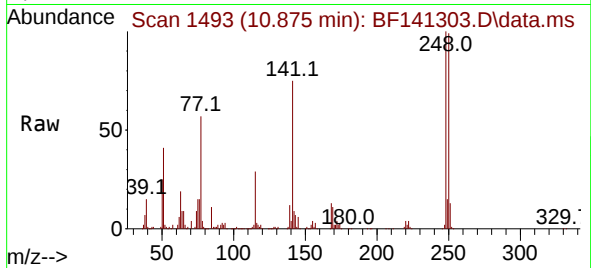
Tgt Ion:169 Resp: 784521
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.4
167 36.6 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 45.301 ng
RT: 10.875 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

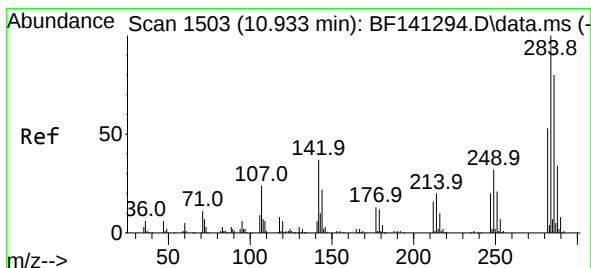
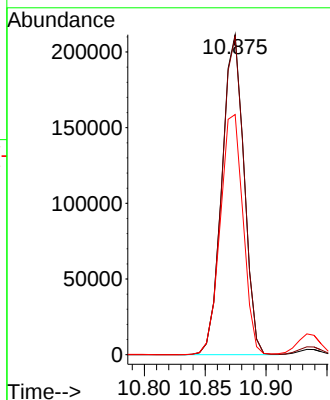
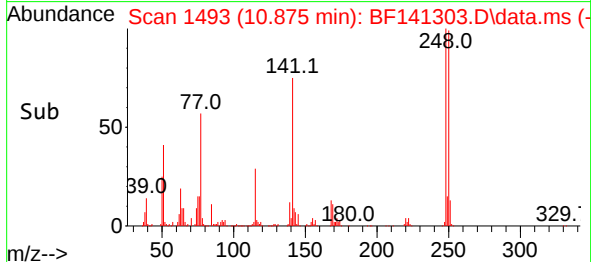
Instrument :
BNA_F
ClientSampleId :
PB166335BS



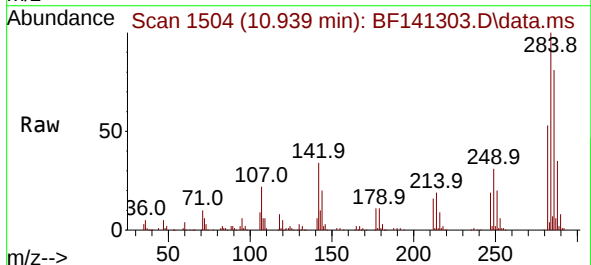
Tgt Ion:248 Resp: 267408
Ion Ratio Lower Upper
248 100
250 99.5 79.0 118.4
141 75.1 63.7 95.5

Manual Integrations
APPROVED

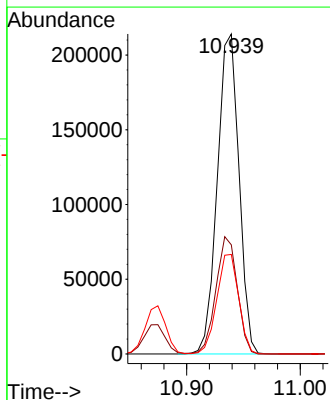
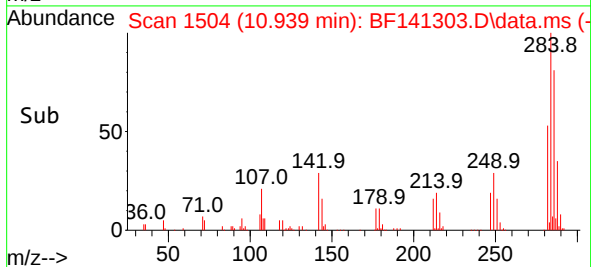
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

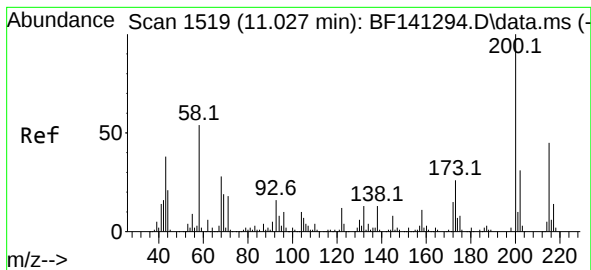


#68
Hexachlorobenzene
Concen: 45.293 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57



Tgt Ion:284 Resp: 283607
Ion Ratio Lower Upper
284 100
142 34.1 29.5 44.3
249 31.1 25.4 38.2





#69

Atrazine

Concen: 48.323 ng

RT: 11.033 min Scan# 1520

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

Tgt Ion:200 Resp: 27553

Ion Ratio Lower Upper

200 100

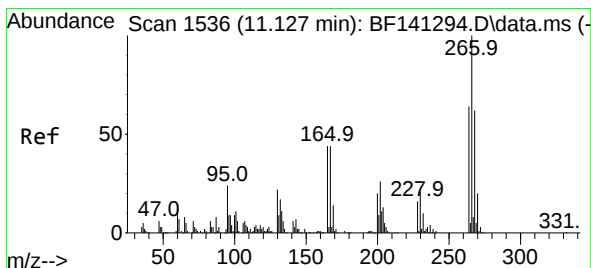
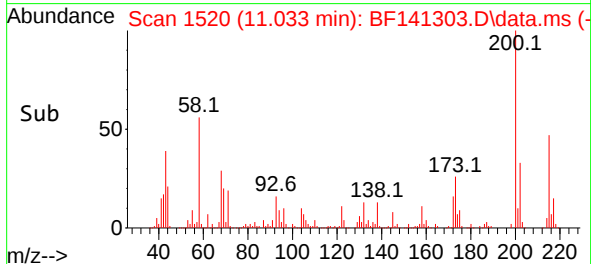
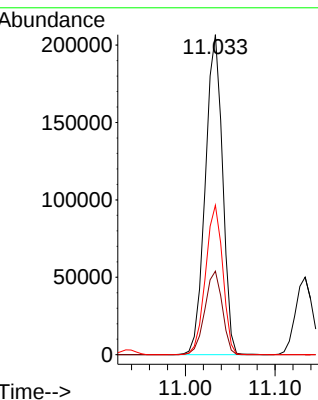
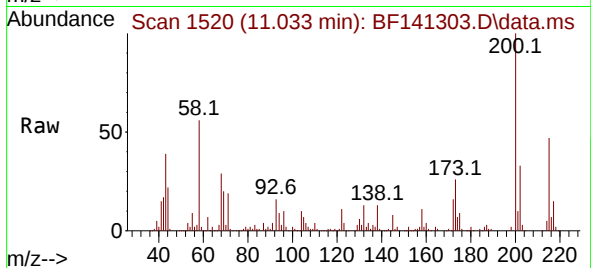
173 26.1 5.9 45.9

215 46.7 25.2 65.2

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 93.942 ng

RT: 11.133 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

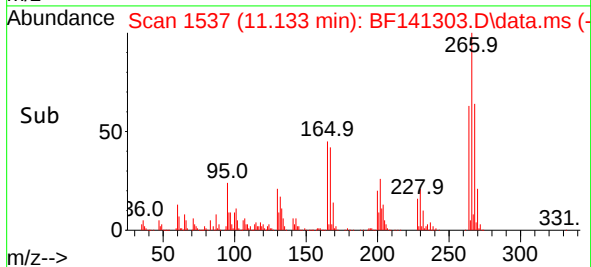
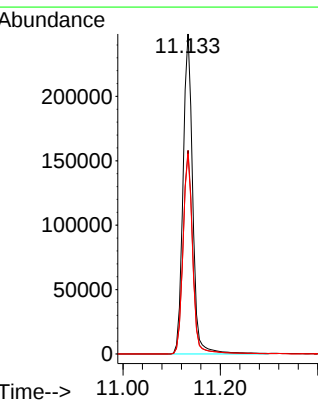
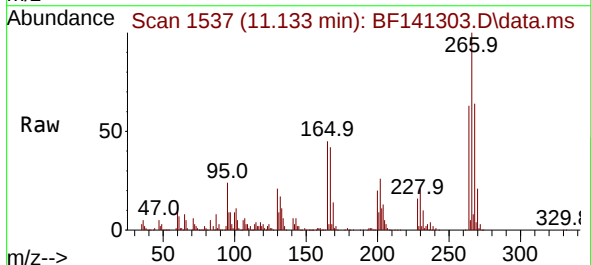
Tgt Ion:266 Resp: 344451

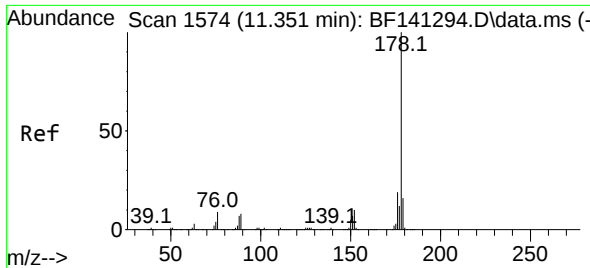
Ion Ratio Lower Upper

266 100

268 63.7 49.9 74.9

264 62.6 51.0 76.4





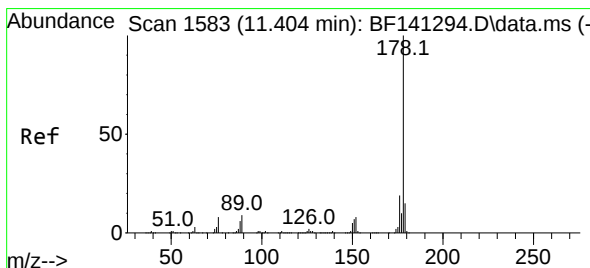
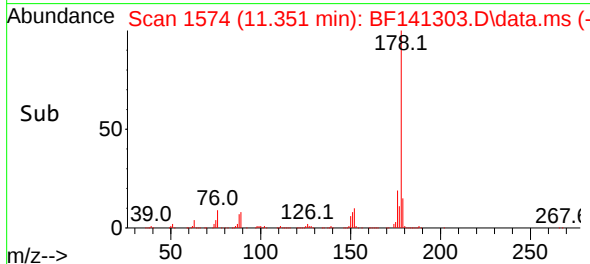
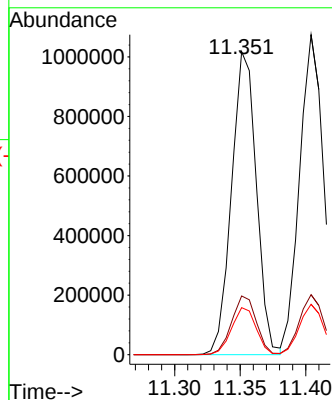
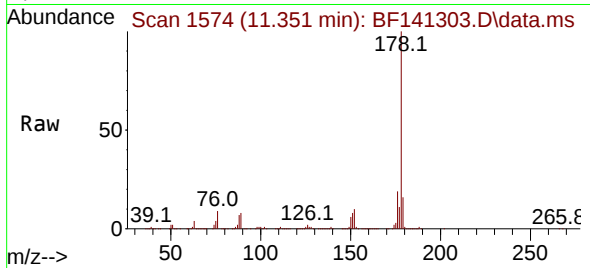
#71
Phenanthrene
Concen: 47.307 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :
BNA_F
ClientSampleId :
PB166335BS

Tgt Ion:178 Resp: 1340804
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.5 12.5 18.7

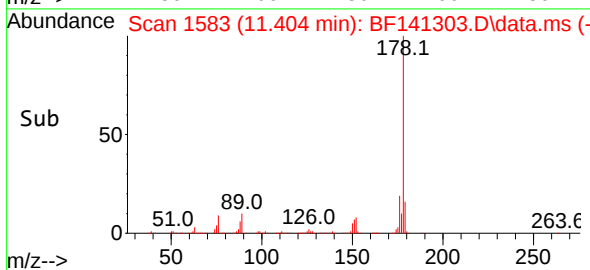
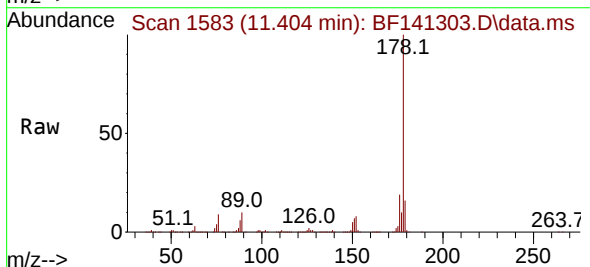
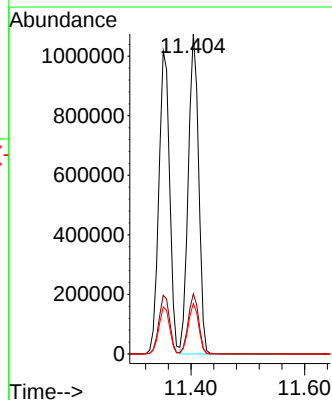
Manual Integrations
APPROVED

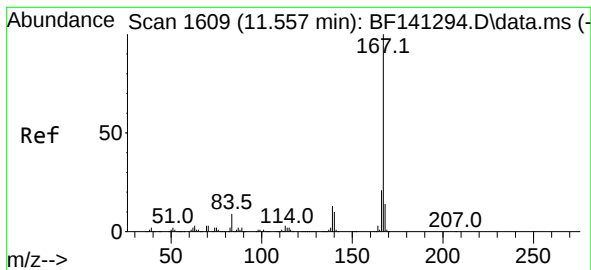
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#72
Anthracene
Concen: 48.866 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:178 Resp: 1357047
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.8 12.3 18.5





#73
 Carbazole
 Concen: 47.979 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF141303.D
 Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

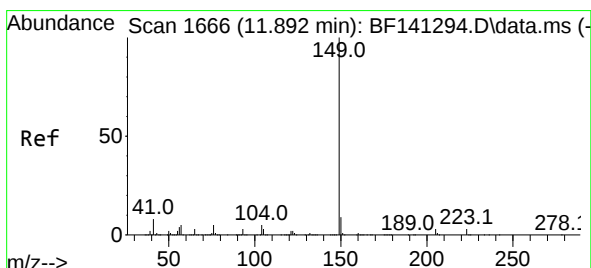
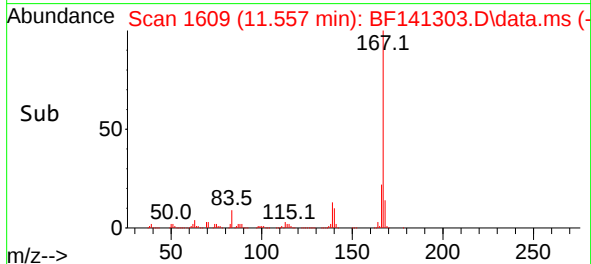
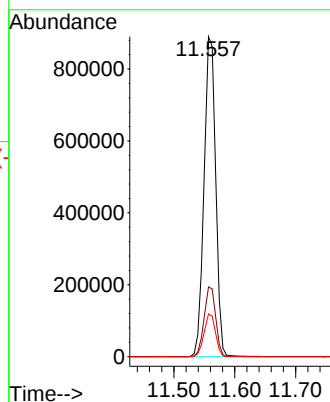
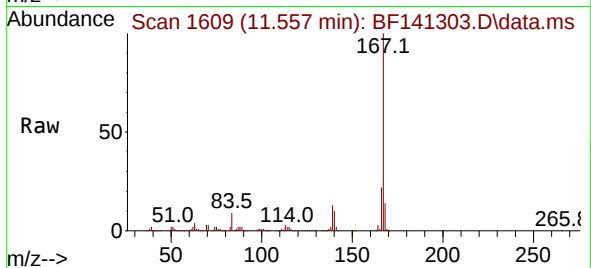
PB166335BS

Tgt Ion:167 Resp: 1181478
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 13.3 10.6 16.0

Manual Integrations

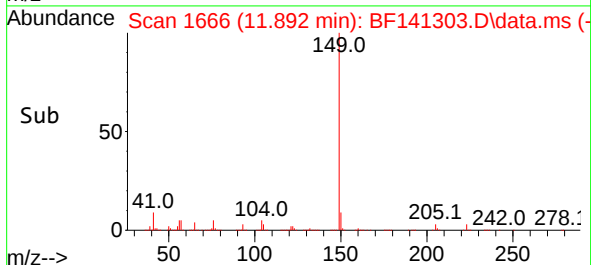
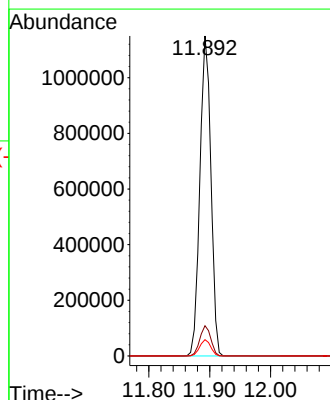
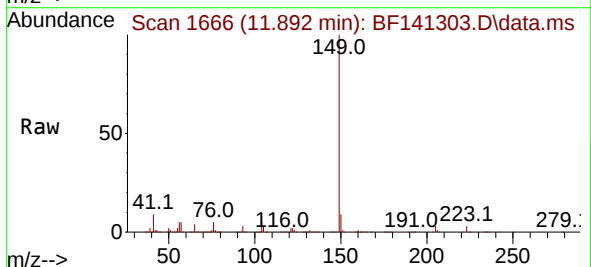
APPROVED

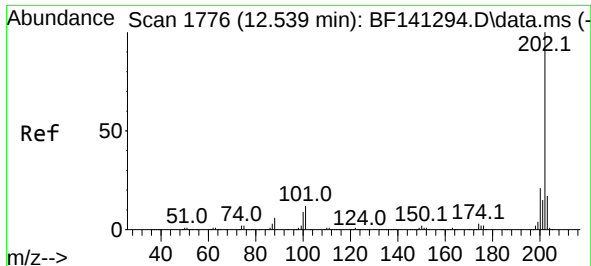
Reviewed By :Jagrut Upadhyay 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025



#74
 Di-n-butylphthalate
 Concen: 48.248 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141303.D
 Acq: 30 Jan 2025 09:57

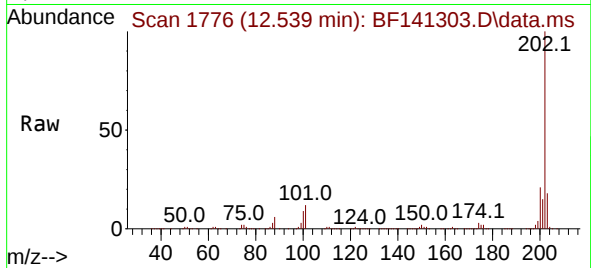
Tgt Ion:149 Resp: 1439854
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.1 3.9 5.9





#75
Fluoranthene
Concen: 48.639 ng
RT: 12.539 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

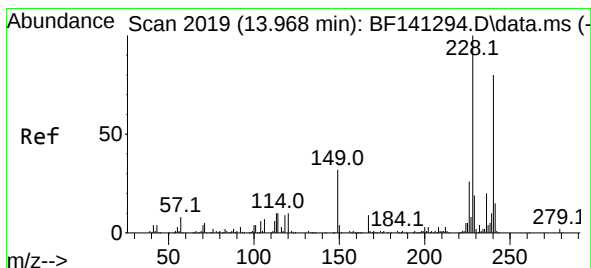
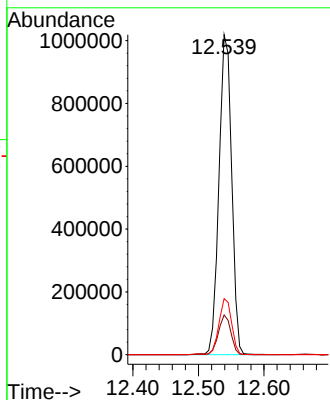
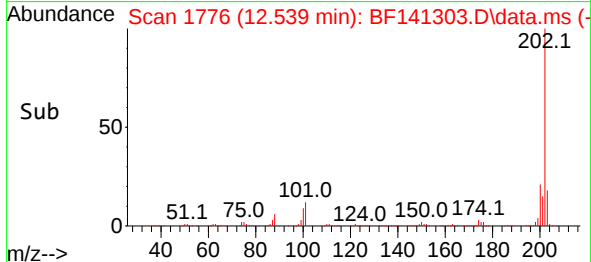
Instrument :
BNA_F
ClientSampleId :
PB166335BS



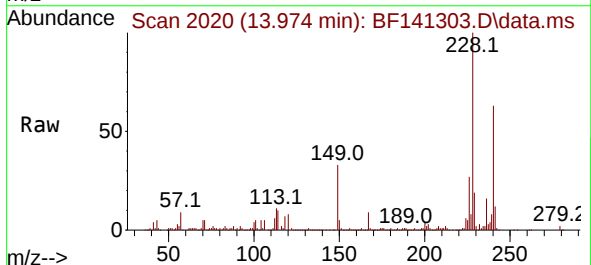
Tgt Ion:202 Resp: 136116
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.7
203 17.5 0.0 37.5

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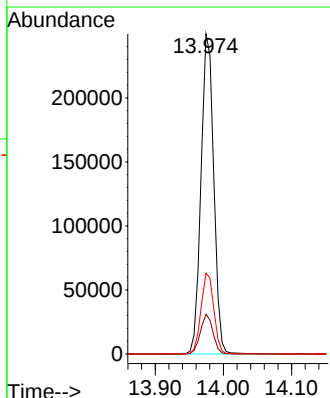
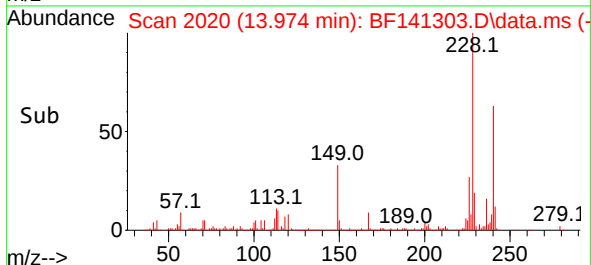
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

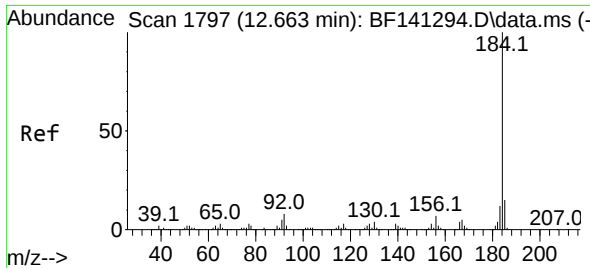


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57



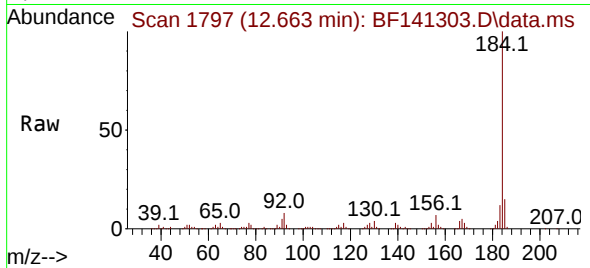
Tgt Ion:240 Resp: 325031
Ion Ratio Lower Upper
240 100
120 12.4 10.0 15.0
236 25.3 19.7 29.5





#77
Benzidine
Concen: 37.427 ng
RT: 12.663 min Scan# 1797
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

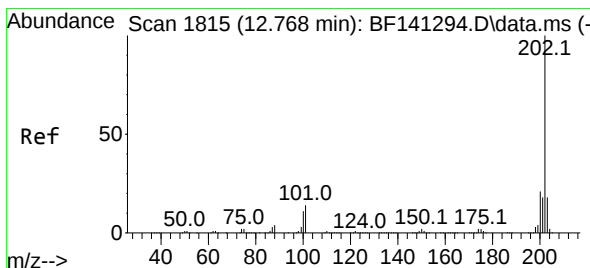
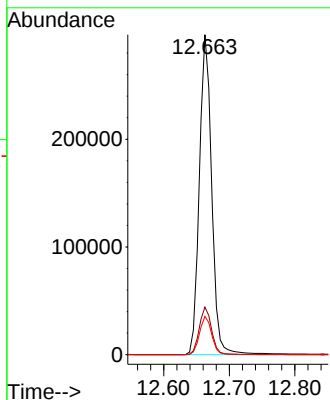
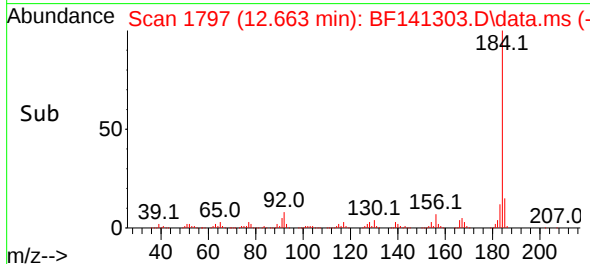
Instrument :
BNA_F
ClientSampleId :
PB166335BS



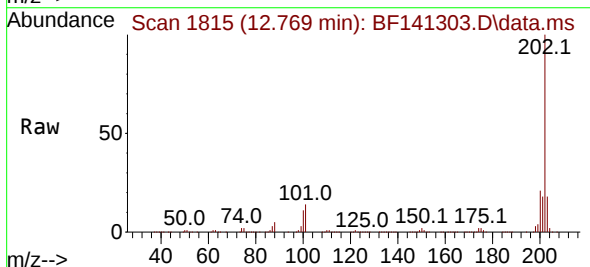
Tgt Ion:184 Resp: 389988
Ion Ratio Lower Upper
184 100
185 14.9 11.9 17.9
183 11.9 9.5 14.3

Manual Integrations
APPROVED

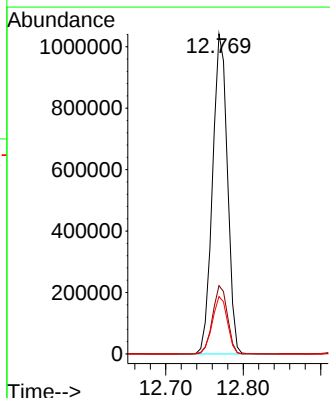
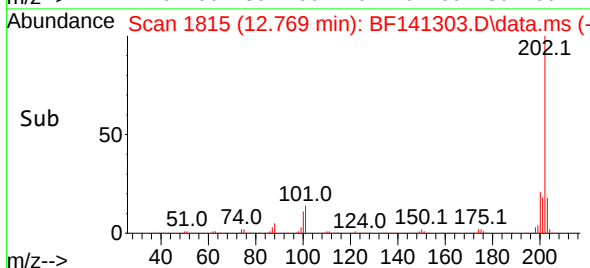
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#78
Pyrene
Concen: 44.402 ng
RT: 12.769 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57



Tgt Ion:202 Resp: 1385347
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 18.0 14.3 21.5





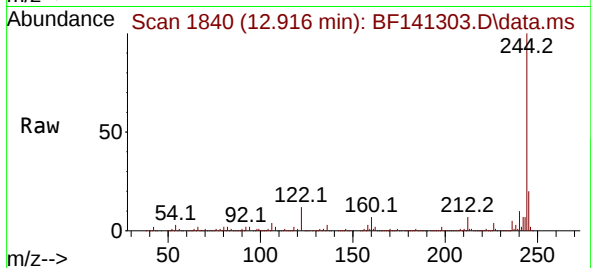
#79
 Terphenyl-d14
 Concen: 88.161 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141303.D
 Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

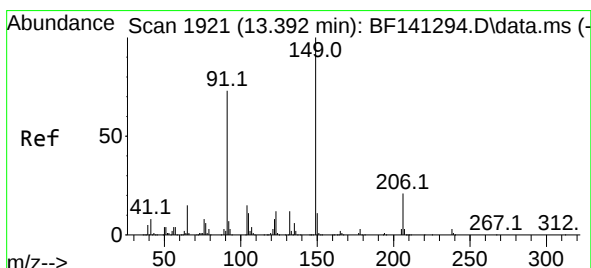
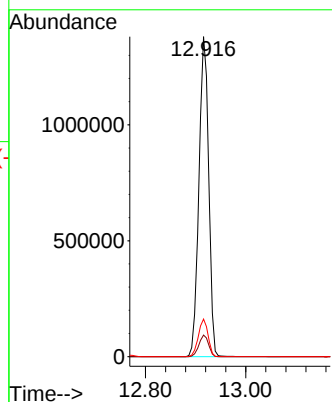
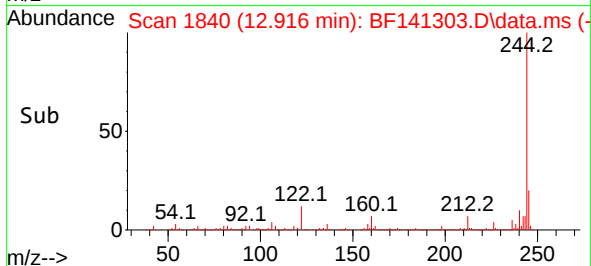


Tgt Ion:244 Resp: 185808
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.7 8.8 13.2

Manual Integrations

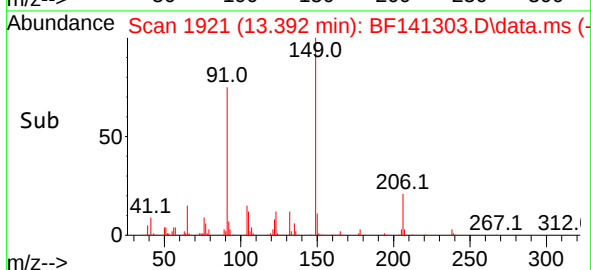
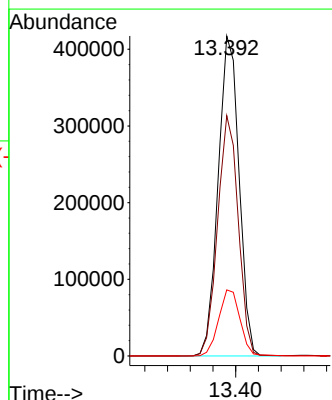
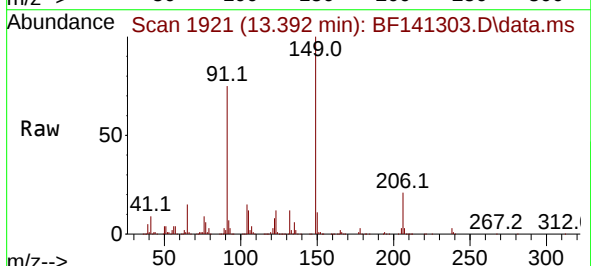
APPROVED

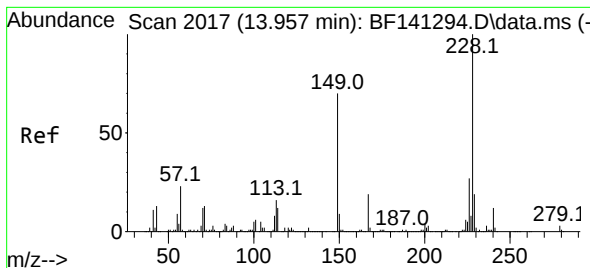
Reviewed By :Jagrut Upadhyay 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025



#80
 Butylbenzylphthalate
 Concen: 48.924 ng
 RT: 13.392 min Scan# 1921
 Delta R.T. -0.000 min
 Lab File: BF141303.D
 Acq: 30 Jan 2025 09:57

Tgt Ion:149 Resp: 533265
 Ion Ratio Lower Upper
 149 100
 91 75.1 58.6 87.8
 206 20.6 16.7 25.1





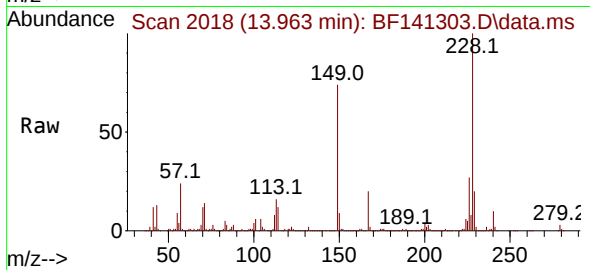
#81
Benzo(a)anthracene
Concen: 44.617 ng
RT: 13.963 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

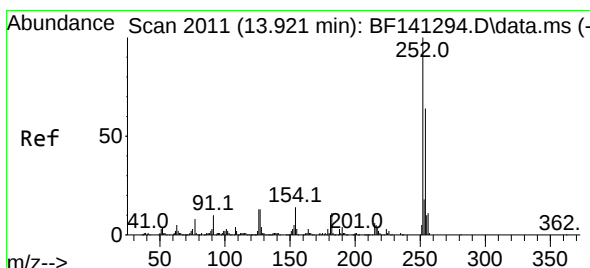
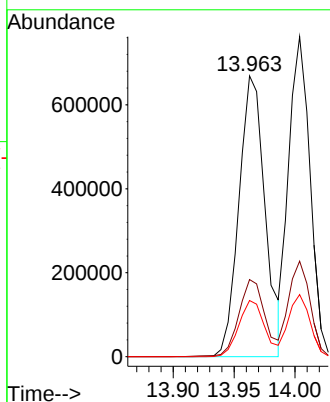
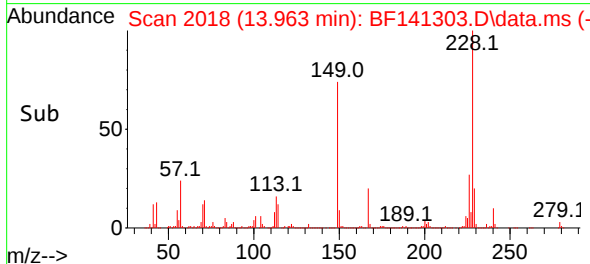


Tgt Ion:228 Resp: 1000704
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.2
229 20.0 15.5 23.3

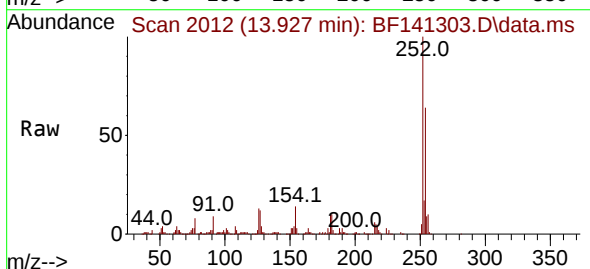
Manual Integrations

APPROVED

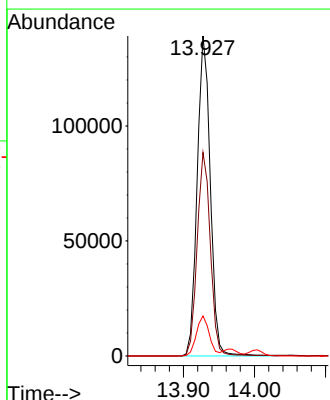
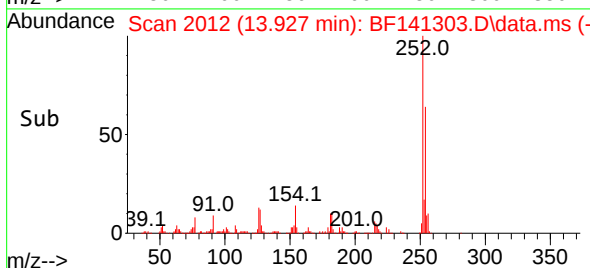
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

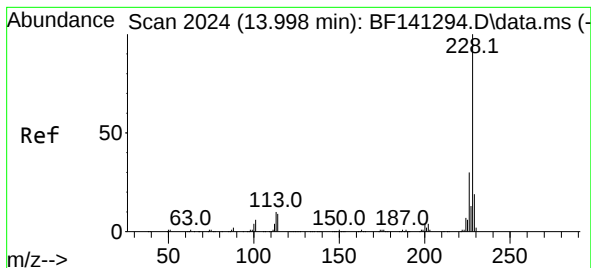


#82
3,3'-Dichlorobenzidine
Concen: 25.107 ng
RT: 13.927 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57



Tgt Ion:252 Resp: 179099
Ion Ratio Lower Upper
252 100
254 63.6 51.3 76.9
126 12.5 10.0 15.0





#83

Chrysene

Concen: 45.556 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

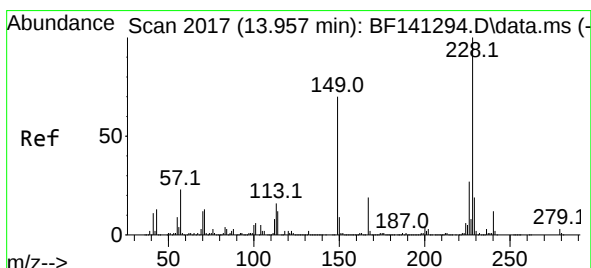
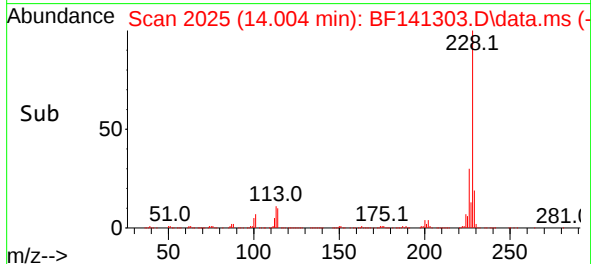
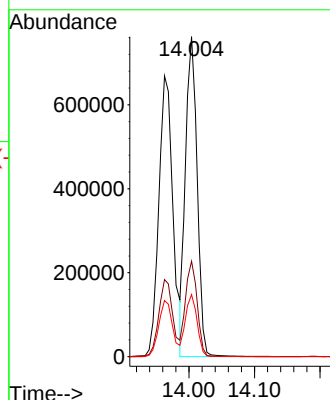
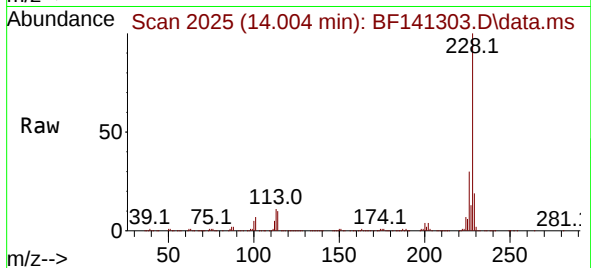
PB166335BS

Tgt Ion:228 Resp: 936429
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.1 36.1
 229 19.4 15.6 23.4

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.608 ng

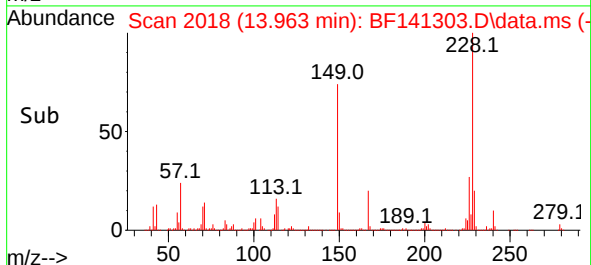
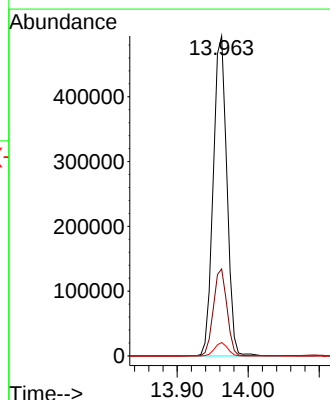
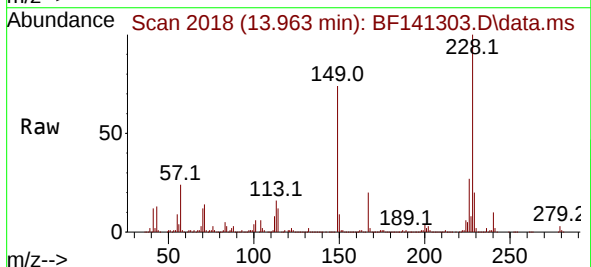
RT: 13.963 min Scan# 2018

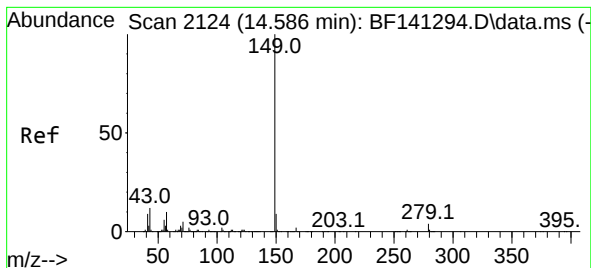
Delta R.T. 0.006 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Tgt Ion:149 Resp: 658277
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.8 32.8
 279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 49.069 ng

RT: 14.598 min Scan# 2126

Delta R.T. 0.012 min

Lab File: BF141303.D

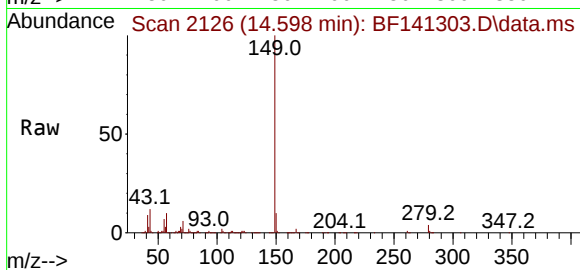
Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS



Tgt Ion:149 Resp: 105380

Ion Ratio Lower Upper

149 100

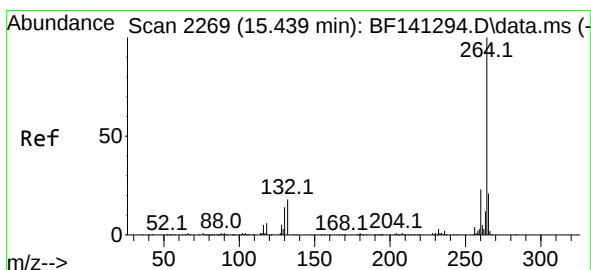
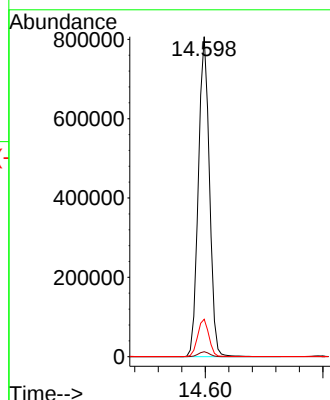
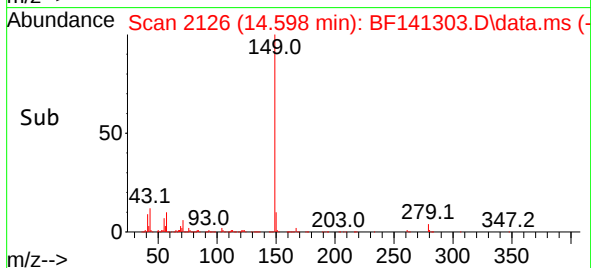
167 1.6 1.3 1.9

43 11.9 9.8 14.8

Manual Integrations

APPROVED

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

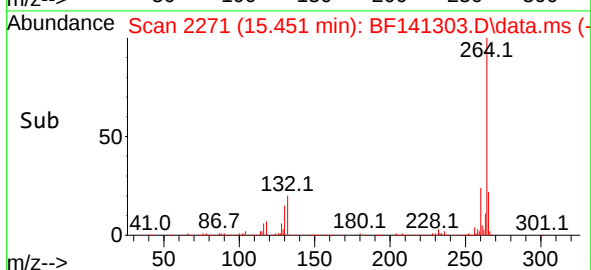
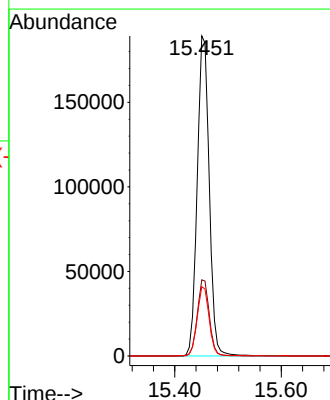
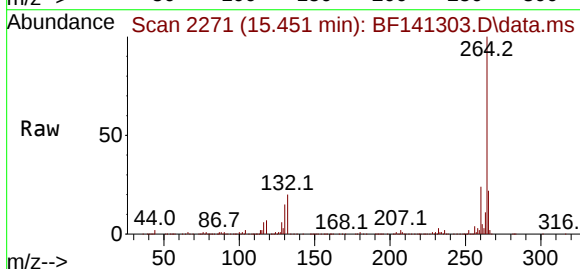
Tgt Ion:264 Resp: 295368

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.6 16.7 25.1





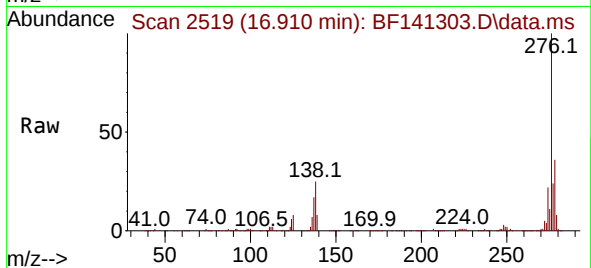
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.747 ng
RT: 16.910 min Scan# 2199
Delta R.T. 0.012 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

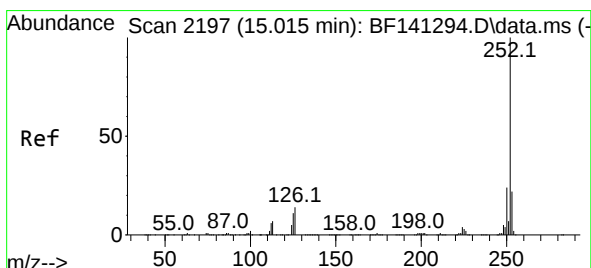
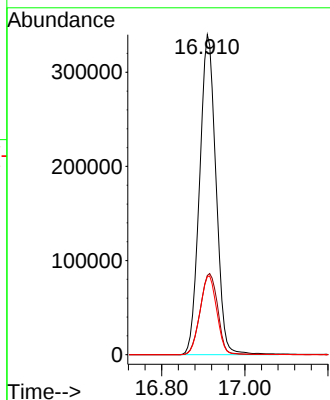
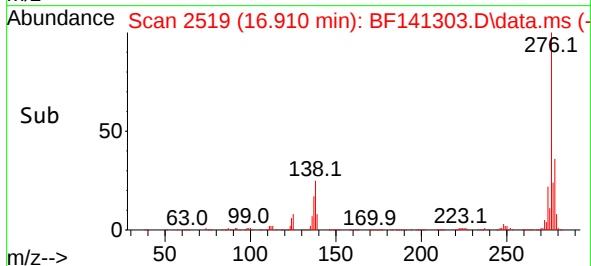


Tgt Ion:276 Resp: 929302
Ion Ratio Lower Upper
276 100
138 27.1 21.7 32.5
277 25.2 20.3 30.5

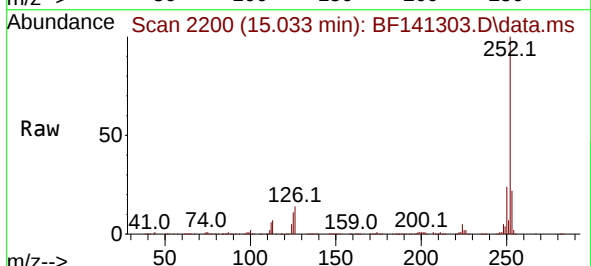
Manual Integrations

APPROVED

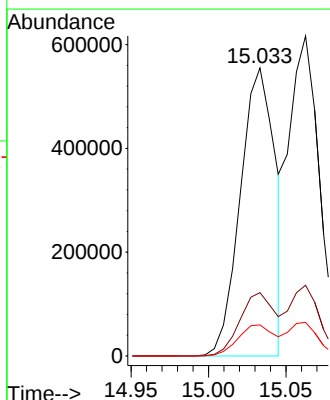
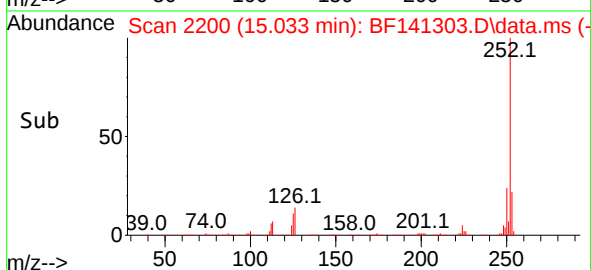
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

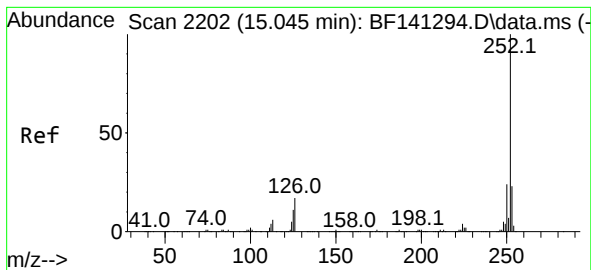


#88
Benzo(b)fluoranthene
Concen: 46.618 ng
RT: 15.033 min Scan# 2200
Delta R.T. 0.012 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57



Tgt Ion:252 Resp: 866127
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 10.8 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 51.164 ng

RT: 15.063 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

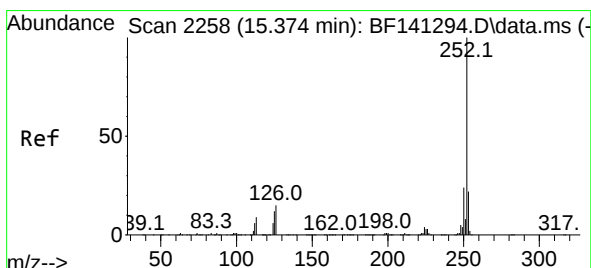
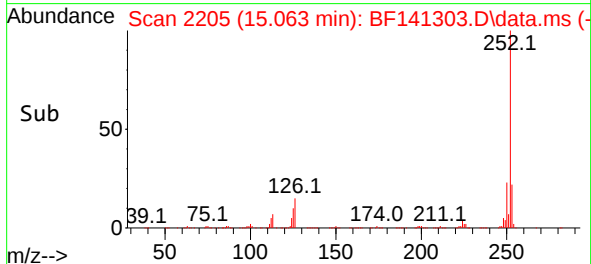
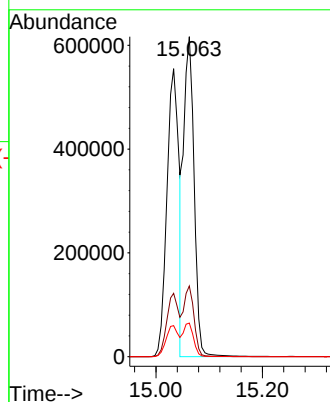
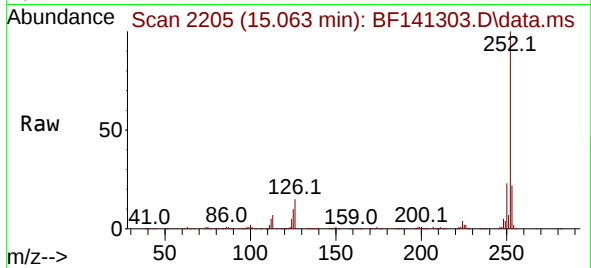
PB166335BS

Tgt Ion:252 Resp: 842111
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.6 26.4
 125 10.5 8.4 12.6

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 51.366 ng

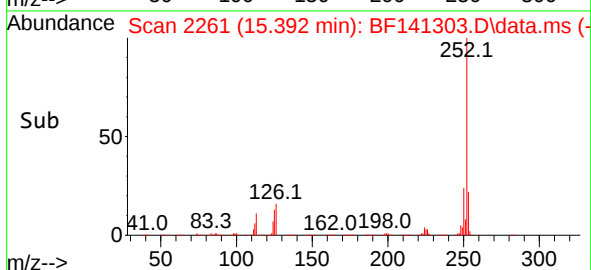
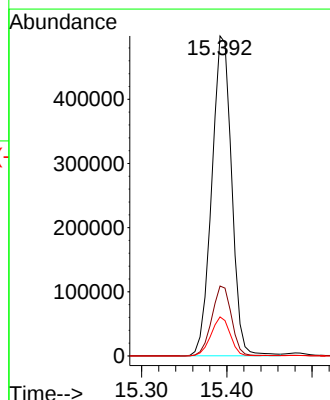
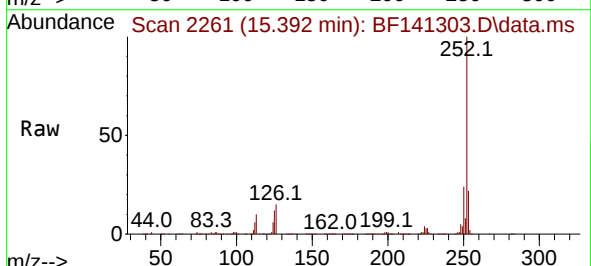
RT: 15.392 min Scan# 2261

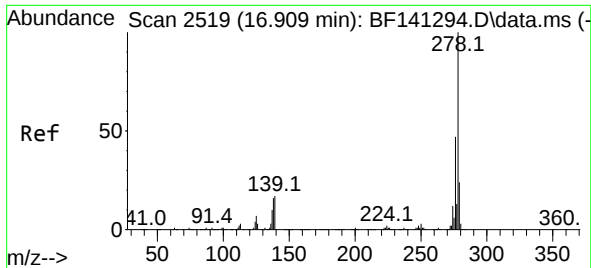
Delta R.T. 0.012 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Tgt Ion:252 Resp: 806465
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.2 25.8
 125 12.2 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 48.629 ng
RT: 16.927 min Scan# 2519
Delta R.T. 0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

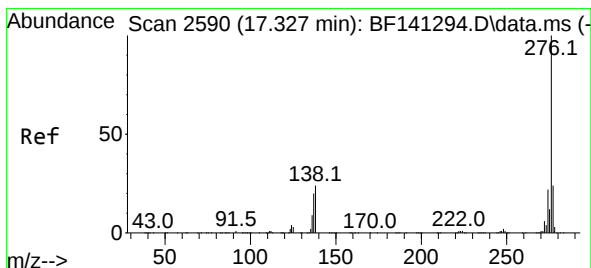
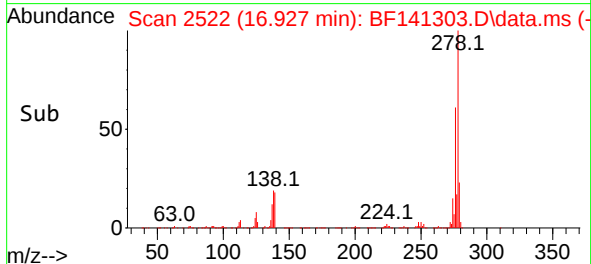
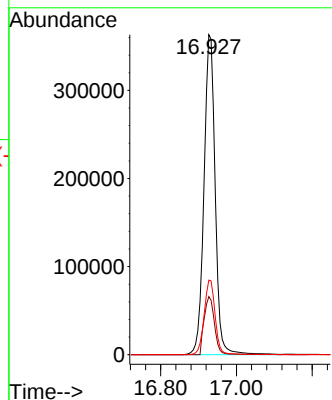
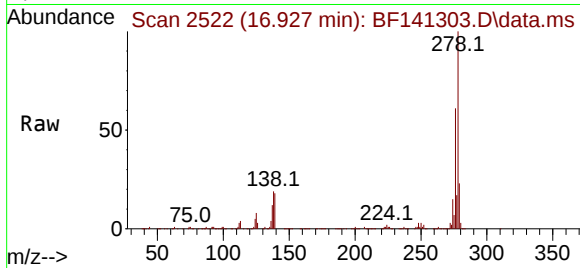
PB166335BS

Tgt Ion:278 Resp: 745849
Ion Ratio Lower Upper
278 100
139 18.2 13.9 20.9
279 23.3 18.8 28.2

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 44.287 ng
RT: 17.351 min Scan# 2594
Delta R.T. 0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:276 Resp: 706279
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 23.8 19.0 28.4

