

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
 Data File : BF144034.D
 Acq On : 22 Oct 2025 11:23
 Operator : RC/JU
 Sample : PB170180BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170180BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/23/2025
 Supervised By :Jagrut Upadhyay 10/23/2025

Quant Time: Oct 22 12:19:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	119718	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	459704	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	246572	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	409864	20.000	ng	0.00
76) Chrysene-d12	14.062	240	219056	20.000	ng	0.00
86) Perylene-d12	15.545	264	213561	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	877798	116.435	ng	0.01
7) Phenol-d6	6.510	99	1064752	118.488	ng	0.00
23) Nitrobenzene-d5	7.445	82	658921	87.083	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	311869	126.987	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1236577	79.576	ng	-0.01
79) Terphenyl-d14	13.004	244	1229329	95.912	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	135824	38.933	ng	96
3) Pyridine	3.493	79	383553	37.766	ng	97
4) n-Nitrosodimethylamine	3.446	42	231413	43.315	ng	96
6) Aniline	6.545	93	463085	34.390	ng	97
8) 2-Chlorophenol	6.669	128	323383	43.882	ng	98
9) Benzaldehyde	6.434	77	184183	26.570	ng	100
10) Phenol	6.528	94	465127	43.295	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	363582	43.811	ng	98
12) 1,3-Dichlorobenzene	6.822	146	385966	43.754	ng	98
13) 1,4-Dichlorobenzene	6.898	146	391013	44.937	ng	99
14) 1,2-Dichlorobenzene	7.051	146	376415	45.163	ng	99
15) Benzyl Alcohol	7.022	79	308936	45.884	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	836420	44.278	ng	99
17) 2-Methylphenol	7.134	107	270072	44.345	ng	98
18) Hexachloroethane	7.392	117	129818	44.736	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	259383	42.169	ng	95
20) 3+4-Methylphenols	7.286	107	299684	42.457	ng	# 74
22) Acetophenone	7.292	105	465580	47.899	ng	98
24) Nitrobenzene	7.463	77	380006	45.224	ng	98
25) Isophorone	7.704	82	695716	43.606	ng	98
26) 2-Nitrophenol	7.781	139	191765	53.231	ng	95
27) 2,4-Dimethylphenol	7.816	122	311248	48.029	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	446575	44.311	ng	99
29) 2,4-Dichlorophenol	8.022	162	293698	43.509	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	300150	45.212	ng	98
31) Naphthalene	8.186	128	900753	43.074	ng	99
32) Benzoic acid	7.945	122	210289	46.887	ng	95
33) 4-Chloroaniline	8.233	127	184345	23.505	ng	98
34) Hexachlorobutadiene	8.304	225	201469	43.672	ng	99
35) Caprolactam	8.604	113	98243m	45.773	ng	
36) 4-Chloro-3-methylphenol	8.716	107	281138	43.358	ng	99
37) 2-Methylnaphthalene	8.880	142	553486	39.734	ng	100
38) 1-Methylnaphthalene	8.980	142	561229	41.537	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	327097	47.997	ng	98
41) Hexachlorocyclopentadiene	9.033	237	280053	99.056	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	221755	44.535	ng	99

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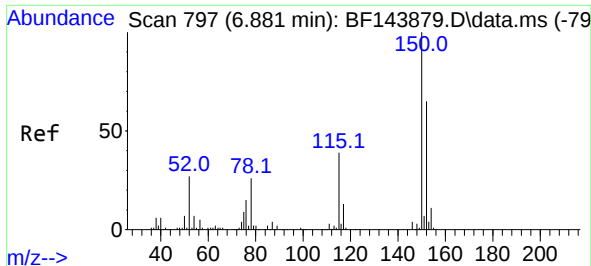
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	229126	43.543	ng	99
46) 1,1'-Biphenyl	9.345	154	773525	47.382	ng	98
47) 2-Chloronaphthalene	9.369	162	601901	44.221	ng	97
48) 2-Nitroaniline	9.463	65	208448	48.439	ng	100
49) Acenaphthylene	9.786	152	948248	49.554	ng	100
50) Dimethylphthalate	9.645	163	695536	44.420	ng	100
51) 2,6-Dinitrotoluene	9.704	165	153515	52.872	ng	97
52) Acenaphthene	9.957	154	575664	45.911	ng	98
53) 3-Nitroaniline	9.875	138	114553	32.221	ng	96
54) 2,4-Dinitrophenol	9.986	184	140703	78.686	ng	# 90
55) Dibenzofuran	10.127	168	770168	43.513	ng	99
56) 4-Nitrophenol	10.039	139	213879	79.453	ng	98
57) 2,4-Dinitrotoluene	10.110	165	203059	51.399	ng	99
58) Fluorene	10.474	166	592420	44.357	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	170373	45.739	ng	98
60) Diethylphthalate	10.345	149	647831	44.534	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	311202	44.073	ng	98
62) 4-Nitroaniline	10.492	138	149396	43.698	ng	96
63) Azobenzene	10.627	77	689787	45.371	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	108273	52.568	ng	98
66) n-Nitrosodiphenylamine	10.586	169	596101	46.319	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	198082	43.730	ng	99
68) Hexachlorobenzene	11.022	284	227930	43.465	ng	99
69) Atrazine	11.110	200	184072	47.190	ng	98
70) Pentachlorophenol	11.222	266	217677	72.275	ng	99
71) Phenanthrene	11.439	178	880155	44.295	ng	99
72) Anthracene	11.492	178	890556	44.364	ng	99
73) Carbazole	11.645	167	790245	44.449	ng	99
74) Di-n-butylphthalate	11.974	149	920963	44.696	ng	100
75) Fluoranthene	12.633	202	869646	42.371	ng	99
77) Benzidine	12.751	184	232839	30.612	ng	98
78) Pyrene	12.863	202	895799	49.051	ng	99
80) Butylbenzylphthalate	13.474	149	296852	50.051	ng	96
81) Benzo(a)anthracene	14.051	228	656992	45.831	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	141998	32.504	ng	99
83) Chrysene	14.092	228	620817	46.792	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	348458	48.738	ng	99
85) Di-n-octyl phthalate	14.651	149	556634	47.402	ng	100
87) Indeno(1,2,3-cd)pyrene	17.056	276	740956	56.623	ng	98
88) Benzo(b)fluoranthene	15.109	252	500371	40.788	ng	99
89) Benzo(k)fluoranthene	15.139	252	466903	41.132	ng	100
90) Benzo(a)pyrene	15.486	252	516671	48.572	ng	97
91) Dibenzo(a,h)anthracene	17.068	278	593880	56.429	ng	99
92) Benzo(g,h,i)perylene	17.509	276	602133	57.212	ng	97

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



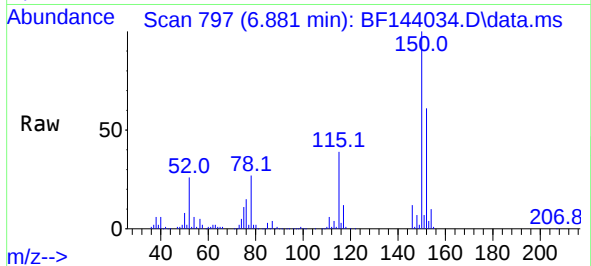
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

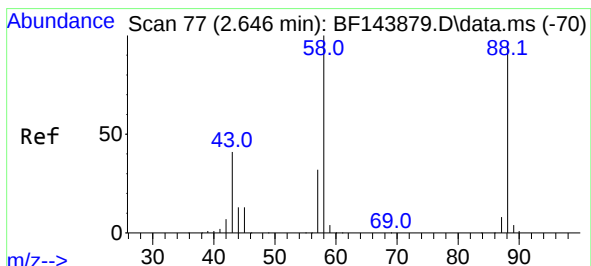
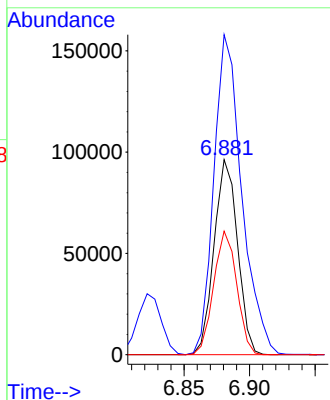
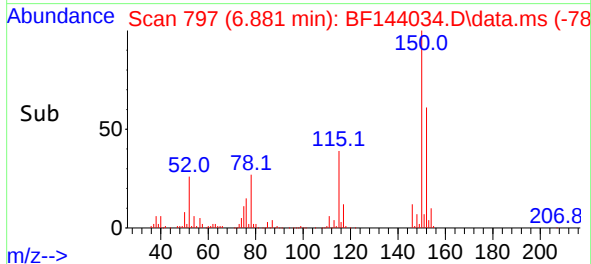
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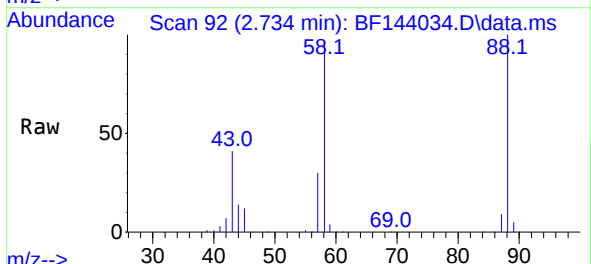
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Ion Ratio Lower Upper
152 100
150 164.1 124.4 186.6
115 63.3 48.1 72.1

Manual Integrations
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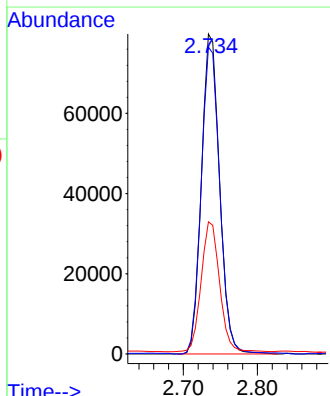
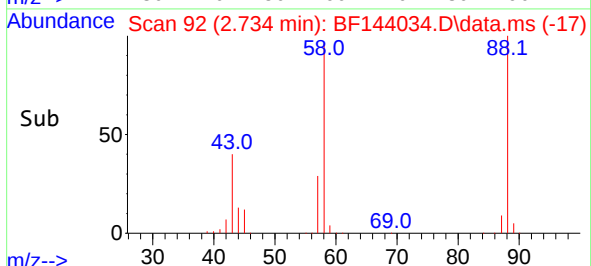
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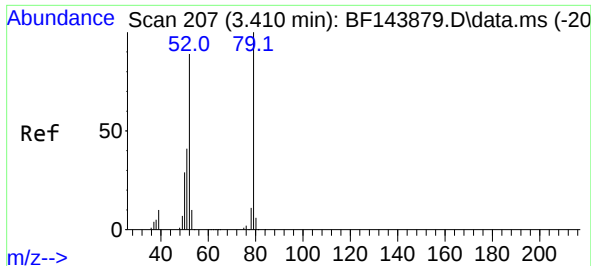


#2
1,4-Dioxane
Concen: 38.933 ng
RT: 2.734 min Scan# 92
Delta R.T. 0.088 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



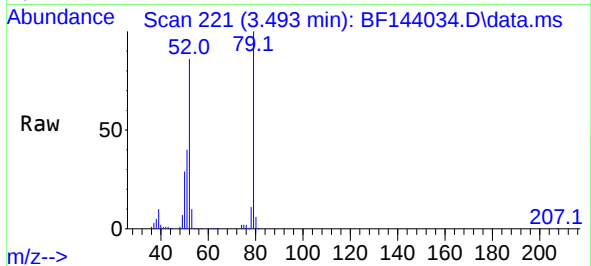
Tgt Ion: 88 Resp: 135824
Ion Ratio Lower Upper
88 100
58 98.7 83.0 124.6
43 41.3 33.9 50.9





#3
Pyridine
Concen: 37.766 ng
RT: 3.493 min Scan# 213
Delta R.T. 0.076 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

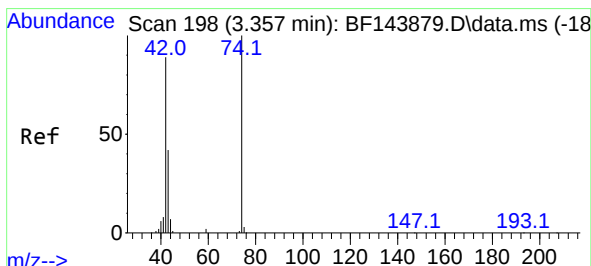
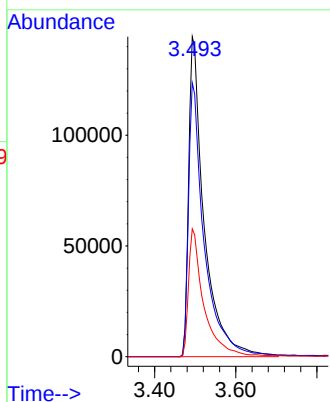
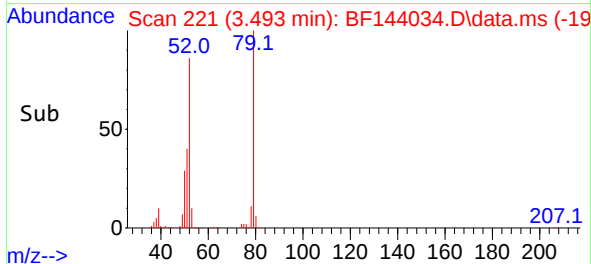
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PB170180BS



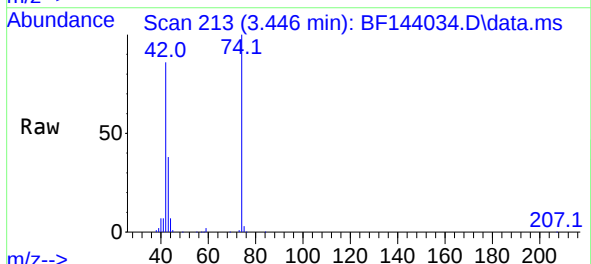
Tgt Ion: 79 Resp: 38355
Ion Ratio Lower Upper
79 100
52 85.5 71.5 107.3
51 39.9 32.9 49.3

Manual Integrations
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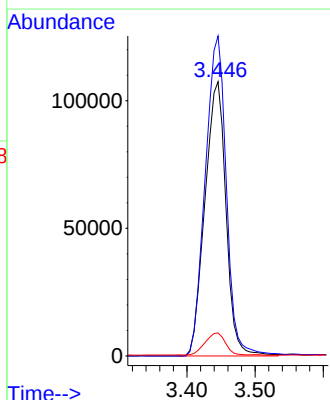
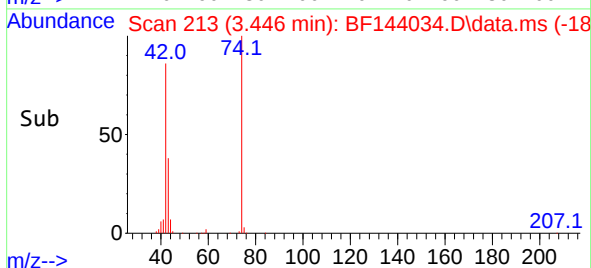
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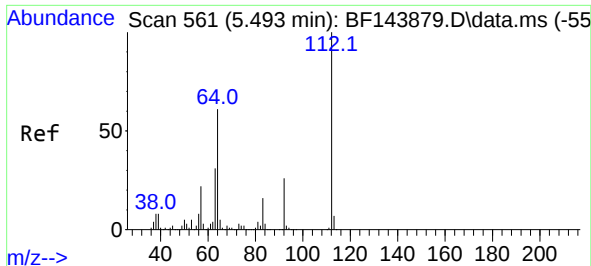


#4
n-Nitrosodimethylamine
Concen: 43.315 ng
RT: 3.446 min Scan# 213
Delta R.T. 0.059 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



Tgt Ion: 42 Resp: 231413
Ion Ratio Lower Upper
42 100
74 116.7 90.0 135.0
44 8.4 6.2 9.2





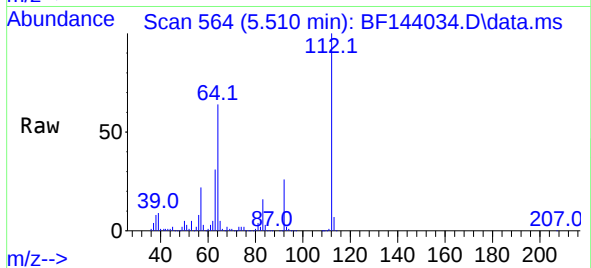
#5
2-Fluorophenol
Concen: 116.435 ng
RT: 5.510 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

PB170180BS

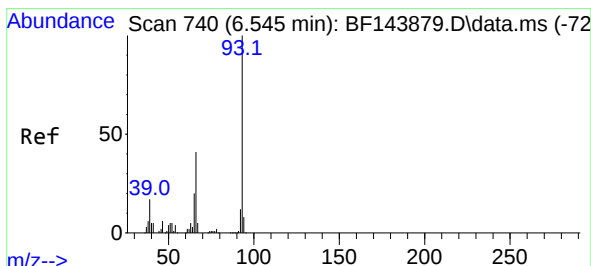
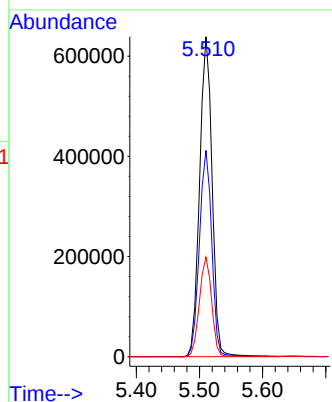
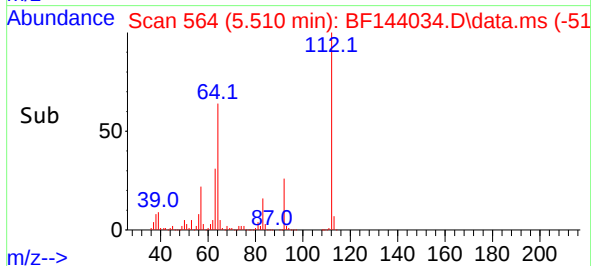


Tgt Ion:112 Resp: 877798
Ion Ratio Lower Upper
112 100
64 64.5 49.1 73.7
63 31.1 24.5 36.7

Manual Integrations

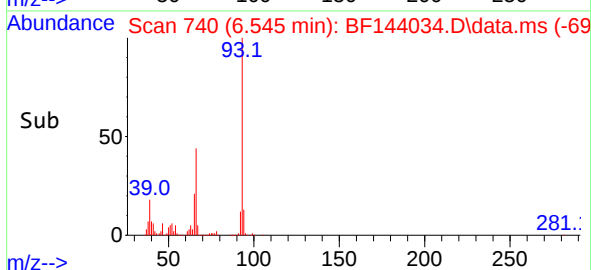
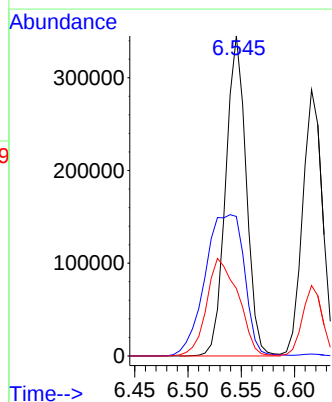
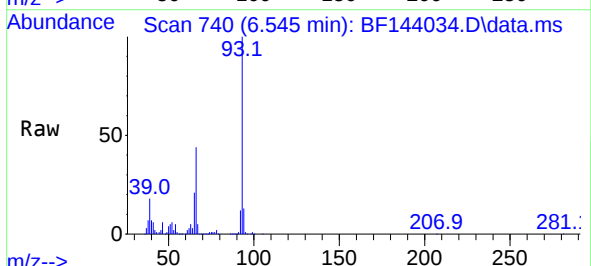
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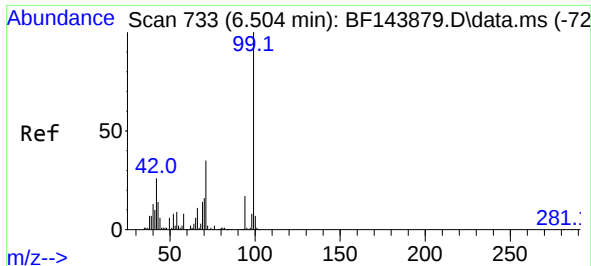
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Supervised By :Jagrut Upadhyay 10/23/2025



#6
Aniline
Concen: 34.390 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

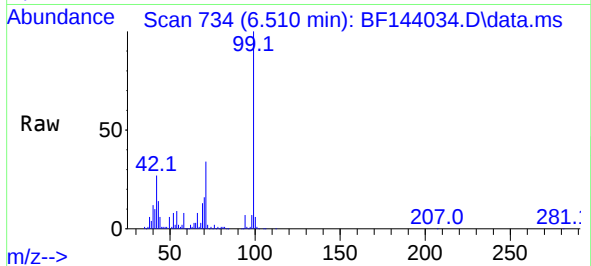
Tgt Ion: 93 Resp: 463085
Ion Ratio Lower Upper
93 100
66 43.6 33.0 49.6
65 21.1 15.8 23.8





#7
Phenol-d6
Concen: 118.488 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

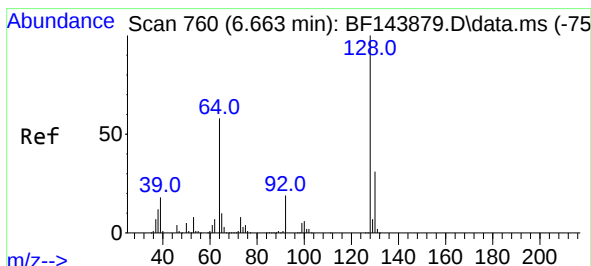
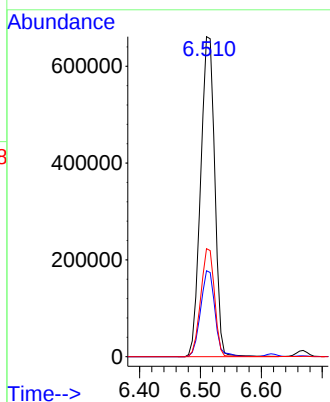
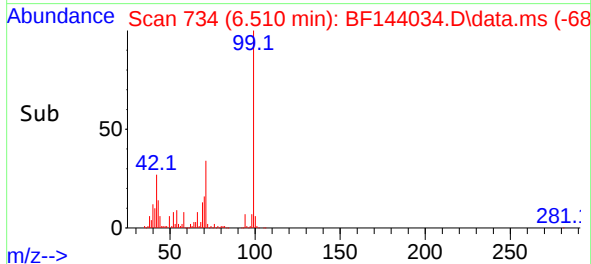
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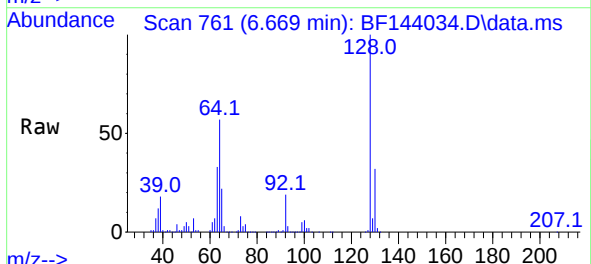
Tgt Ion: 99 Resp: 1064752
Ion Ratio Lower Upper
99 100
42 26.8 21.0 31.4
71 33.8 27.8 41.8

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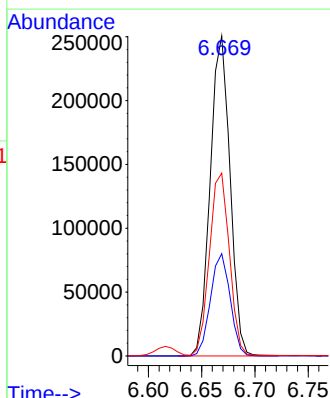
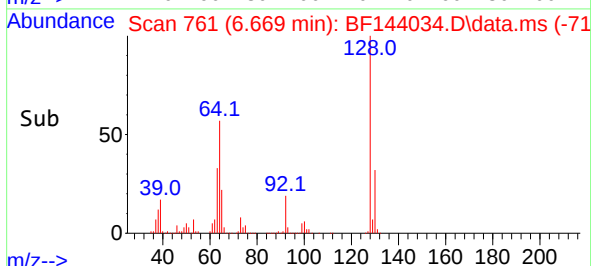
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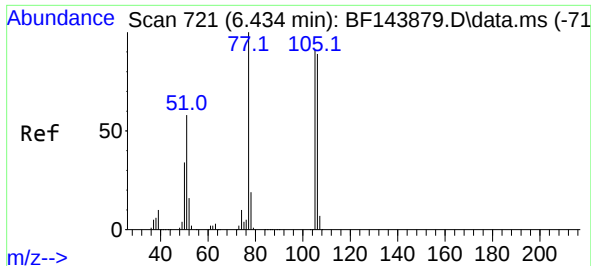


#8
2-Chlorophenol
Concen: 43.882 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



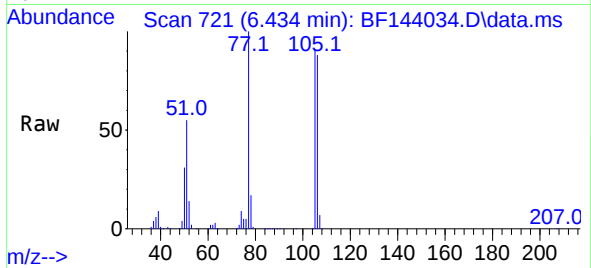
Tgt Ion:128 Resp: 323383
Ion Ratio Lower Upper
128 100
130 31.9 10.7 50.7
64 57.2 39.0 79.0





#9
Benzaldehyde
Concen: 26.570 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

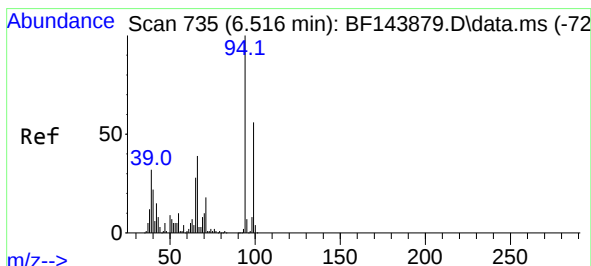
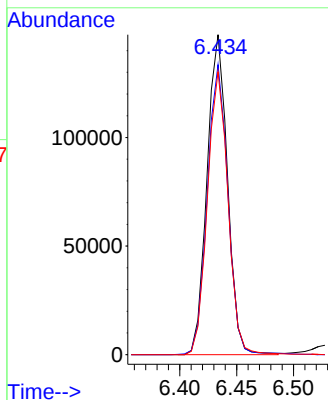
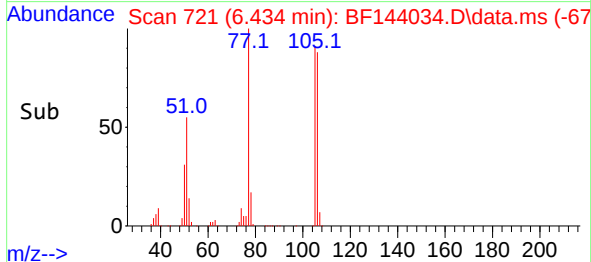
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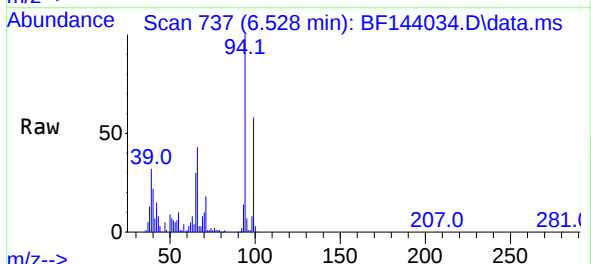
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Ion Ratio Lower Upper
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105 90.7 70.9 110.9
106 88.4 68.9 108.9

Manual Integrations
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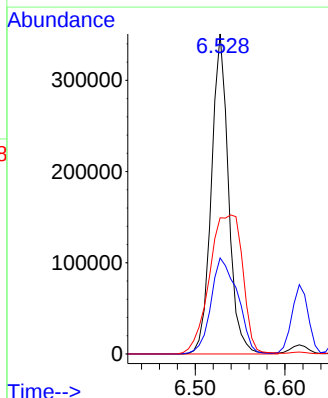
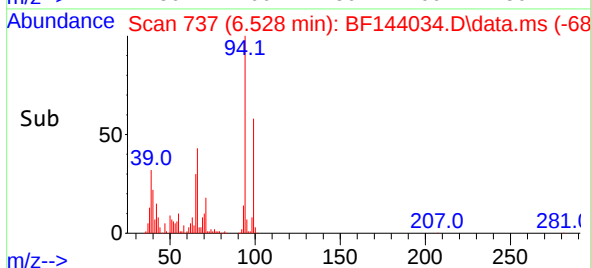
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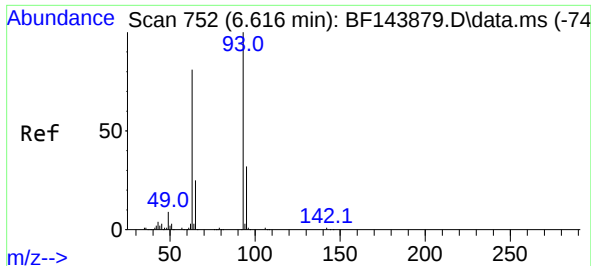


#10
Phenol
Concen: 43.295 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



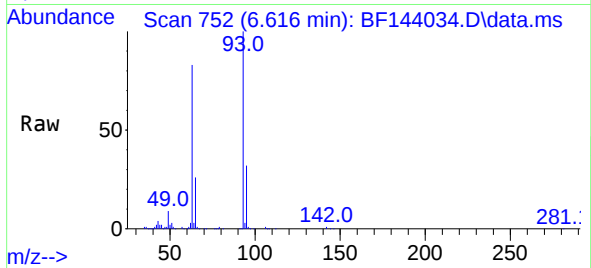
Tgt Ion: 94 Resp: 465127
Ion Ratio Lower Upper
94 100
65 30.0 8.5 48.5
66 42.5 19.9 59.9





#11
bis(2-Chloroethyl)ether
Concen: 43.811 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

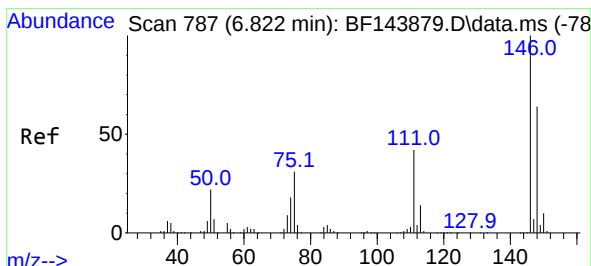
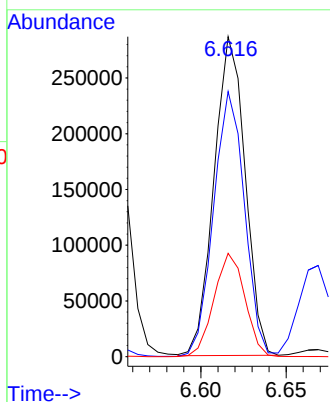
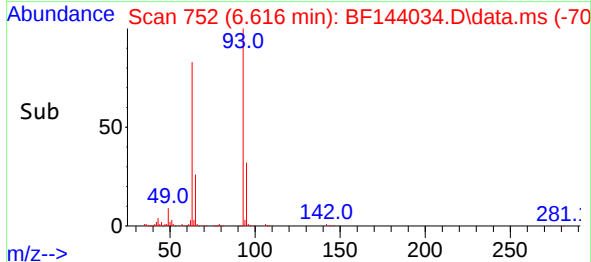
Instrument :
BNA_F
ClientSampleId :
PB170180BS



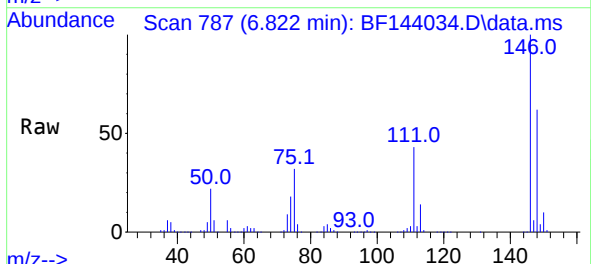
Tgt Ion: 93 Resp: 36358
Ion Ratio Lower Upper
93 100
63 82.9 60.9 100.9
95 32.3 11.5 51.5

Manual Integrations
APPROVED

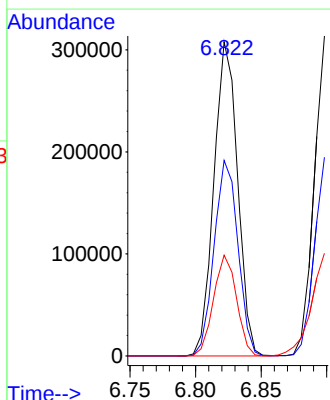
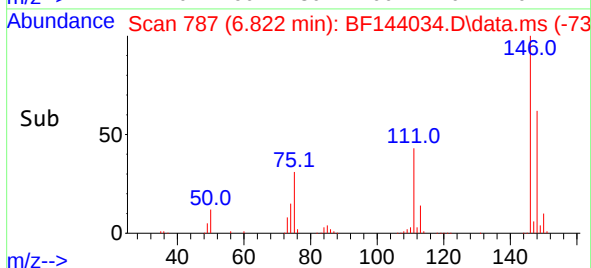
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

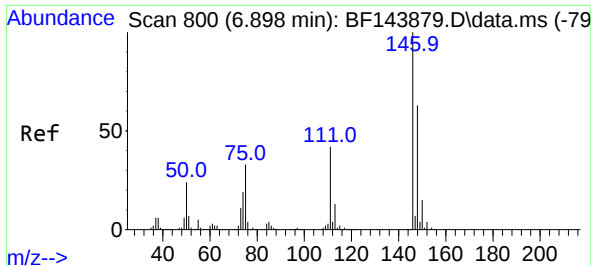


#12
1,3-Dichlorobenzene
Concen: 43.754 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



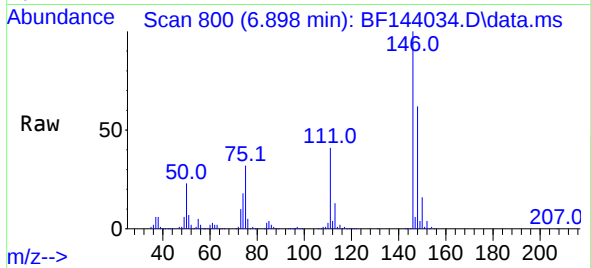
Tgt Ion:146 Resp: 385966
Ion Ratio Lower Upper
146 100
148 62.3 51.0 76.4
75 32.1 24.9 37.3





#13
1,4-Dichlorobenzene
Concen: 44.937 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

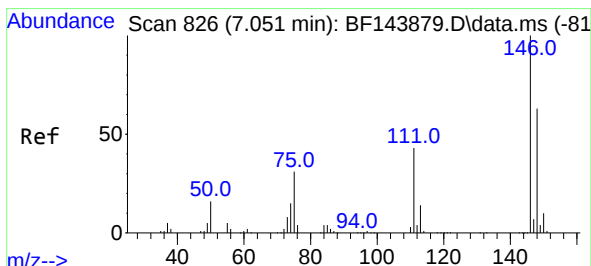
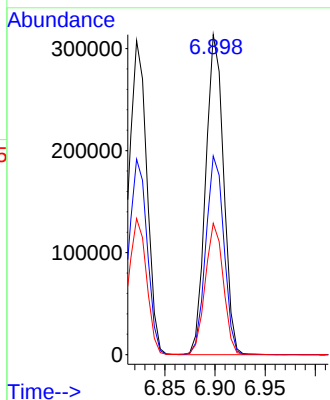
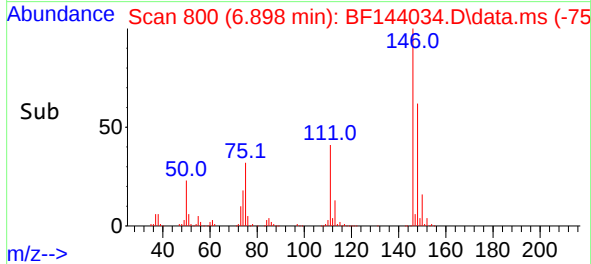
Instrument :
BNA_F
ClientSampleId :
PB170180BS



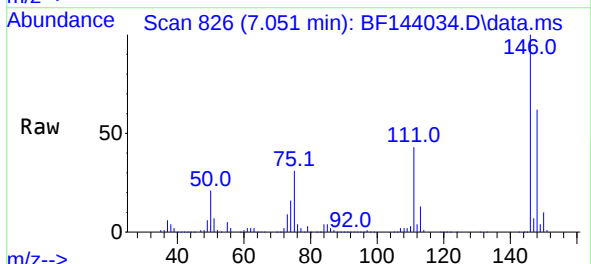
Tgt Ion:146 Resp: 391011
Ion Ratio Lower Upper
146 100
148 62.1 50.5 75.7
111 41.0 33.4 50.0

Manual Integrations
APPROVED

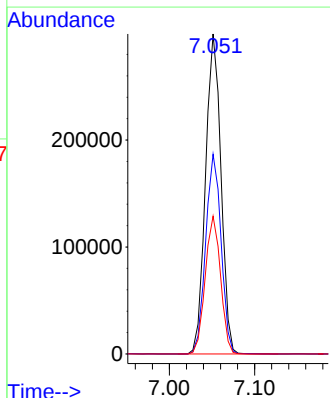
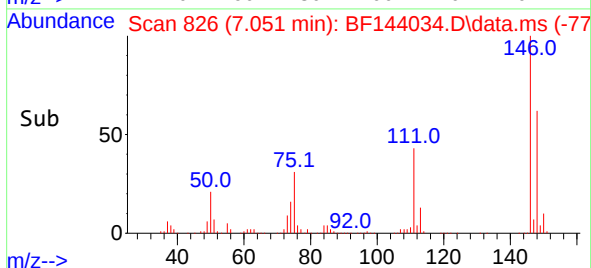
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

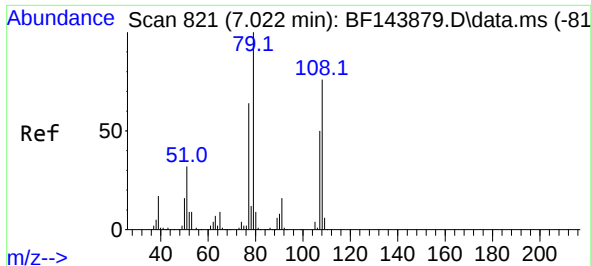


#14
1,2-Dichlorobenzene
Concen: 45.163 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



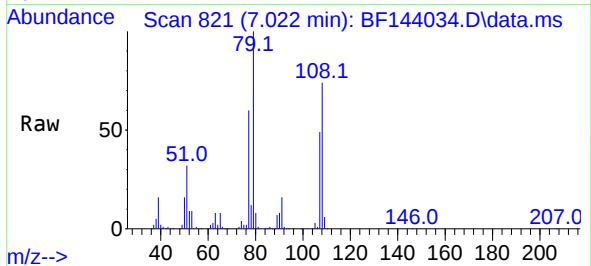
Tgt Ion:146 Resp: 376415
Ion Ratio Lower Upper
146 100
148 62.4 50.6 75.8
111 43.0 34.6 51.8





#15
Benzyl Alcohol
Concen: 45.884 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

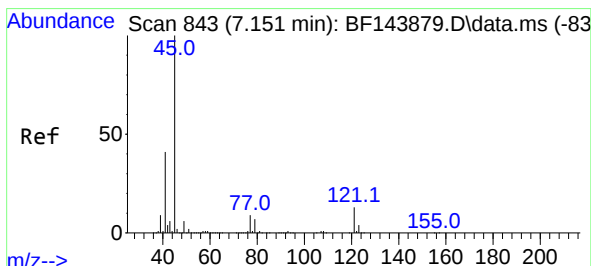
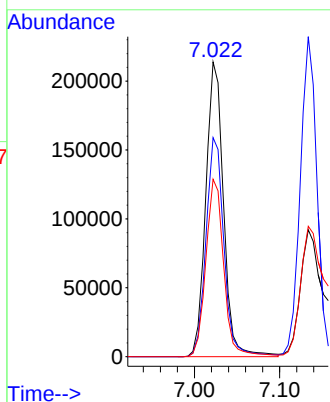
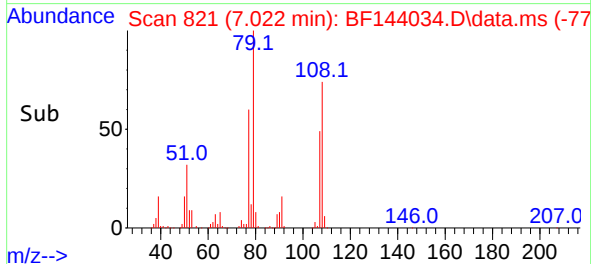
Instrument :
BNA_F
ClientSampleId :
PB170180BS



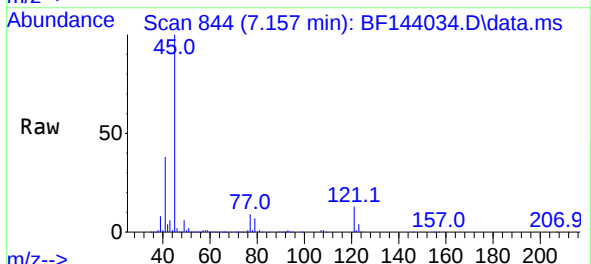
Tgt Ion: 79 Resp: 308930
Ion Ratio Lower Upper
79 100
108 74.3 60.8 91.2
77 60.2 51.0 76.6

Manual Integrations
APPROVED

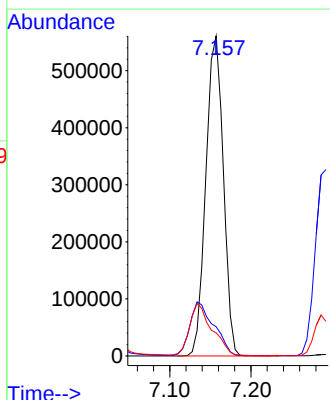
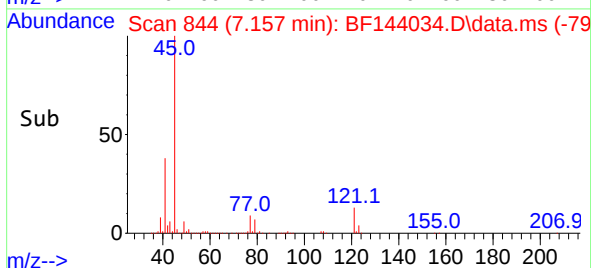
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

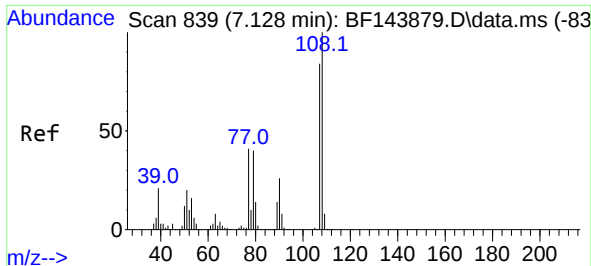


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.278 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



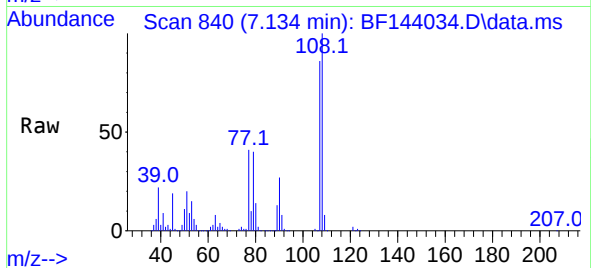
Tgt Ion: 45 Resp: 836420
Ion Ratio Lower Upper
45 100
77 9.1 0.0 29.0
79 7.3 0.0 26.8





#17
2-Methylphenol
Concen: 44.345 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

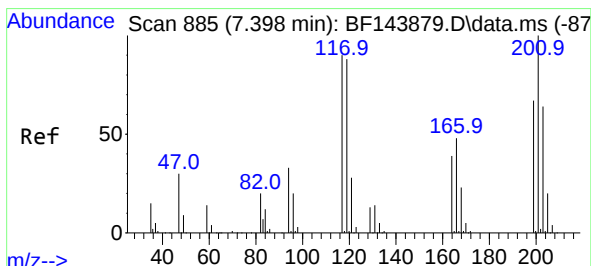
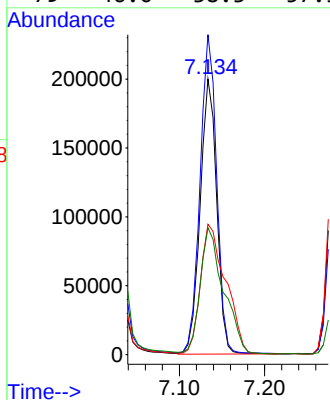
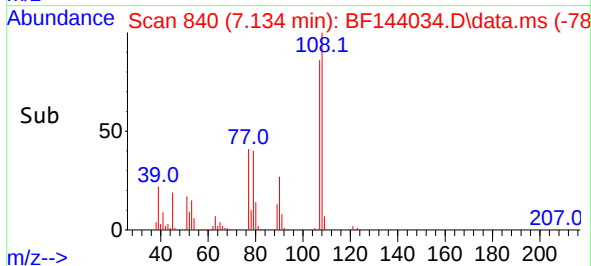
Instrument :
BNA_F
ClientSampleId :
PB170180BS



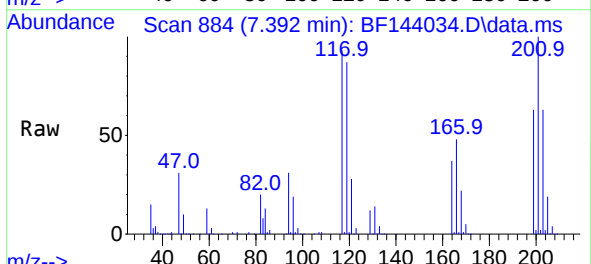
Tgt Ion:107 Resp: 270072
Ion Ratio Lower Upper
107 100
108 116.1 94.7 142.1
77 47.3 38.8 58.2
79 46.0 38.3 57.5

Manual Integrations
APPROVED

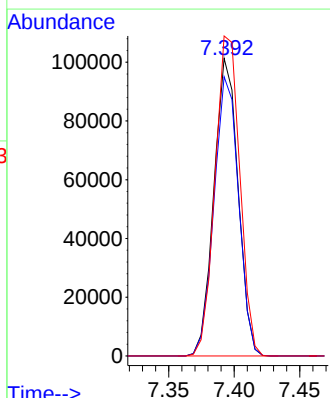
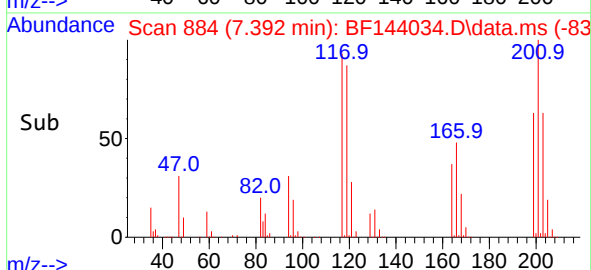
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

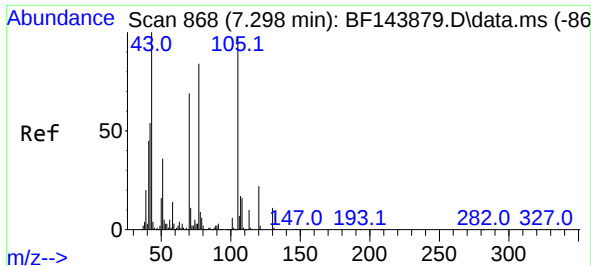


#18
Hexachloroethane
Concen: 44.736 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



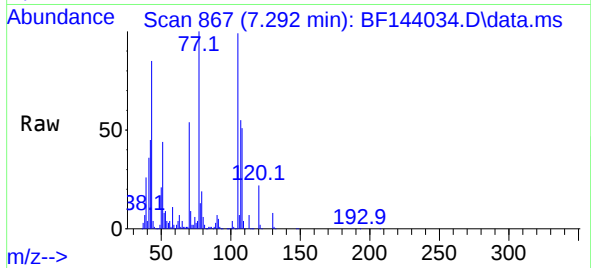
Tgt Ion:117 Resp: 129818
Ion Ratio Lower Upper
117 100
119 93.8 77.8 116.8
201 107.5 88.5 132.7





#19
n-Nitroso-di-n-propylamine
Concen: 42.169 ng
RT: 7.292 min Scan# 80
Delta R.T. -0.024 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

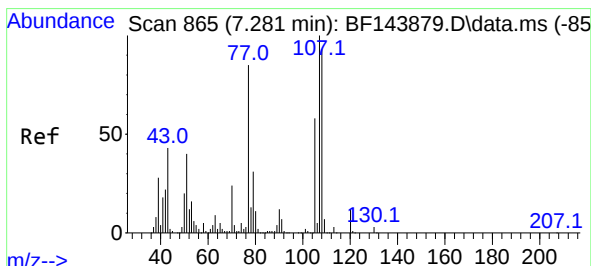
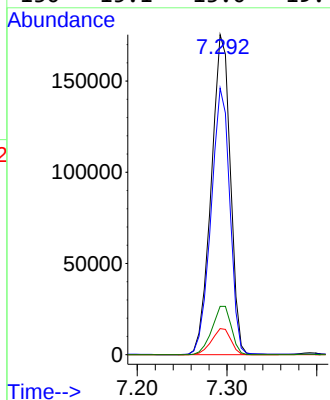
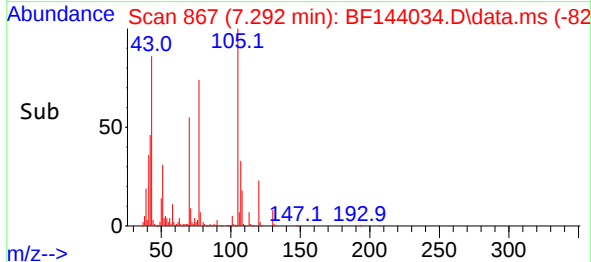
Instrument :
BNA_F
ClientSampleId :
PB170180BS



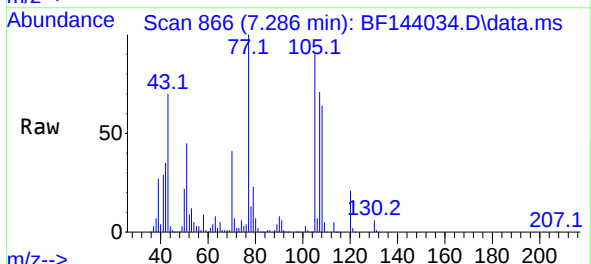
Tgt Ion: 70 Resp: 25938
Ion Ratio Lower Upper
70 100
42 83.3 62.8 94.2
101 8.2 6.7 10.1
130 15.1 13.0 19.4

Manual Integrations
APPROVED

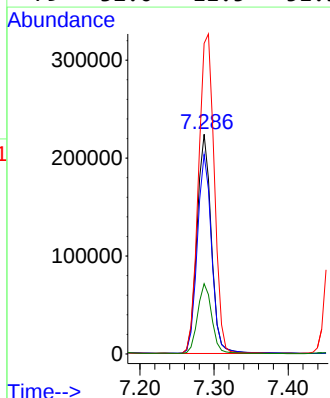
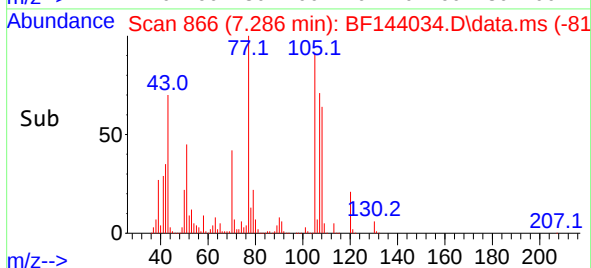
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

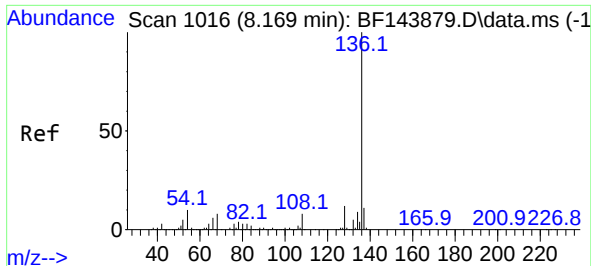


#20
3+4-Methylphenols
Concen: 42.457 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



Tgt Ion:107 Resp: 299684
Ion Ratio Lower Upper
107 100
108 90.8 73.0 113.0
77 141.4 64.6 104.6#
79 32.0 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

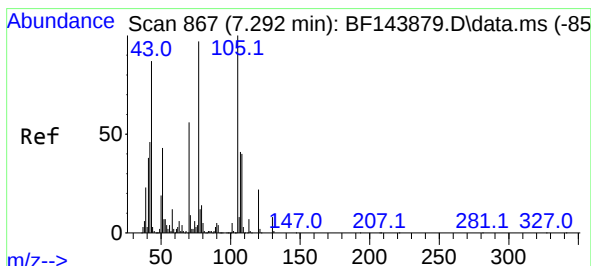
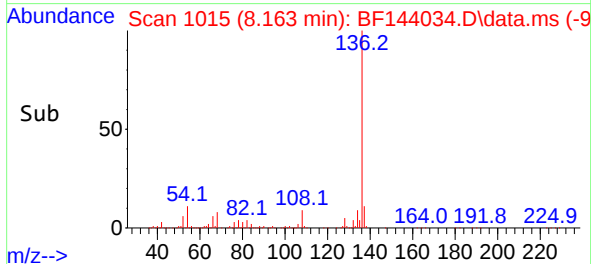
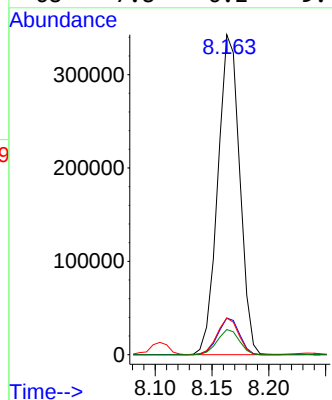
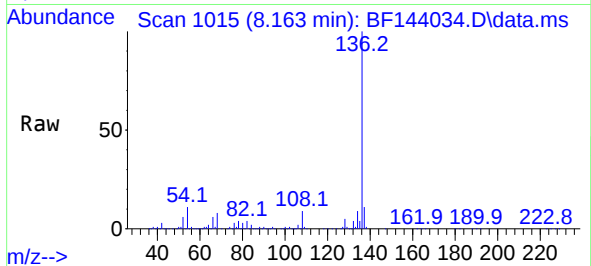
PB170180BS

Tgt Ion:136 Resp: 459704
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 11.5 8.2 12.4
68 7.8 6.2 9.4

Manual Integrations

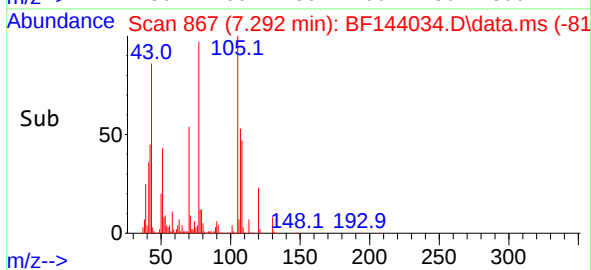
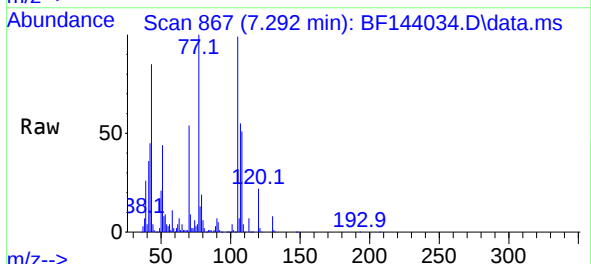
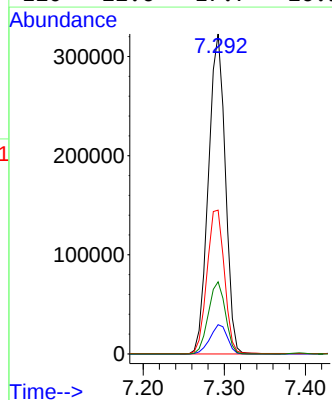
APPROVED

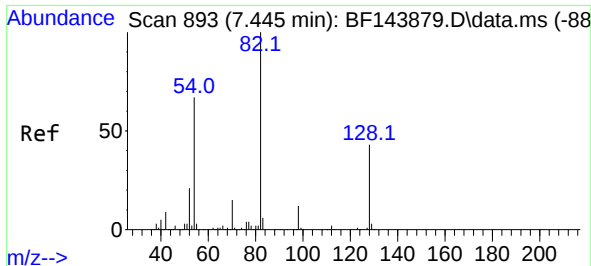
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#22
Acetophenone
Concen: 47.899 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Tgt Ion:105 Resp: 465580
Ion Ratio Lower Upper
105 100
71 9.1 7.4 11.0
51 45.0 34.2 51.4
120 22.6 17.7 26.5





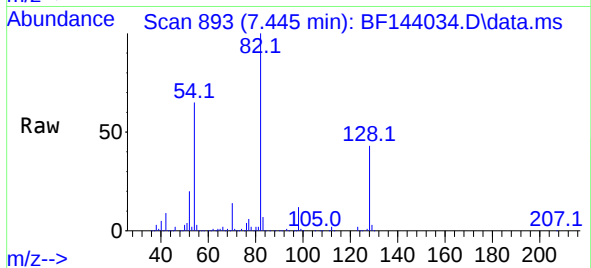
#23
Nitrobenzene-d5
Concen: 87.083 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

PB170180BS

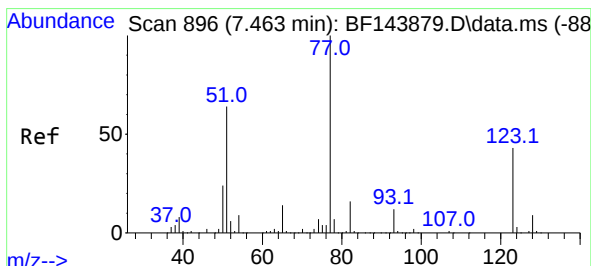
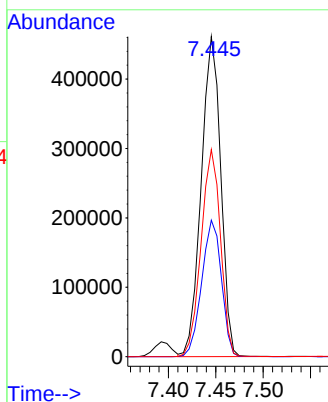
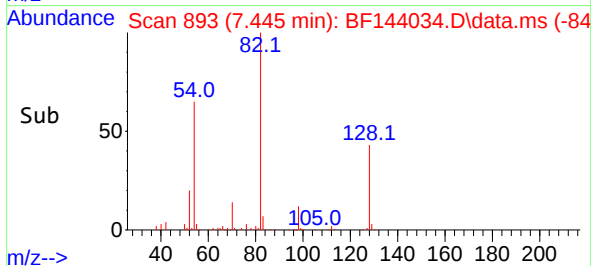


Tgt Ion: 82 Resp: 65892
Ion Ratio Lower Upper
82 100
128 42.7 34.0 51.0
54 64.7 53.2 79.8

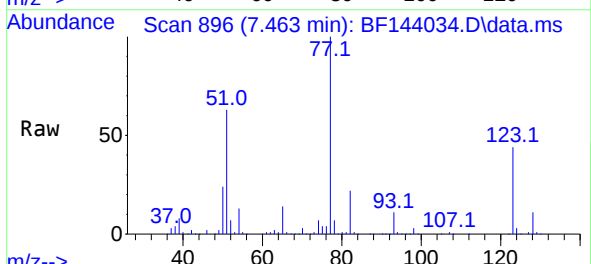
Manual Integrations

APPROVED

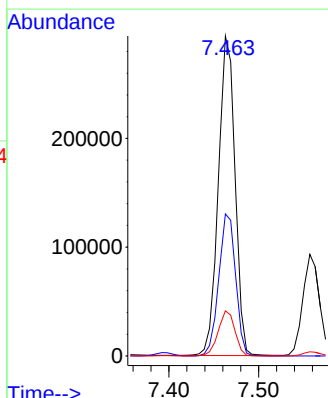
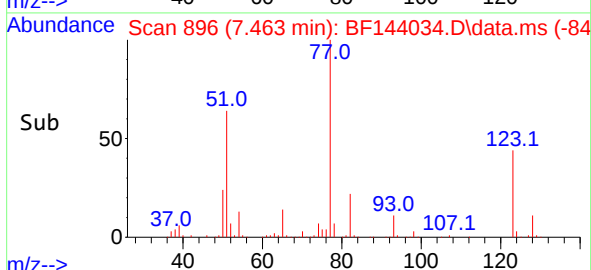
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

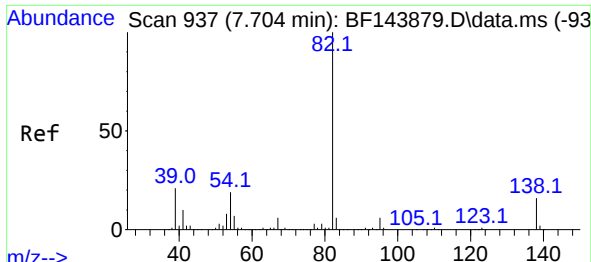


#24
Nitrobenzene
Concen: 45.224 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



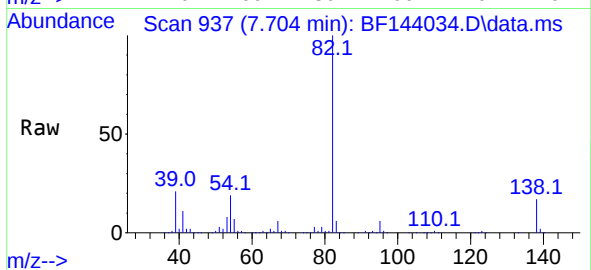
Tgt Ion: 77 Resp: 380006
Ion Ratio Lower Upper
77 100
123 44.4 34.2 51.4
65 14.1 11.0 16.6





#25
Isophorone
Concen: 43.606 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

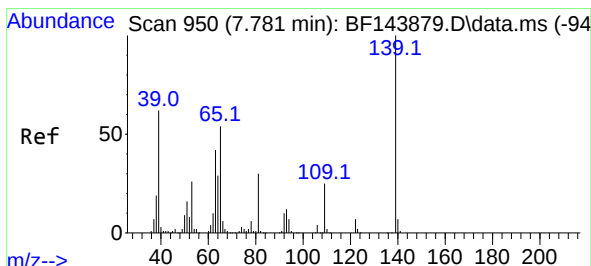
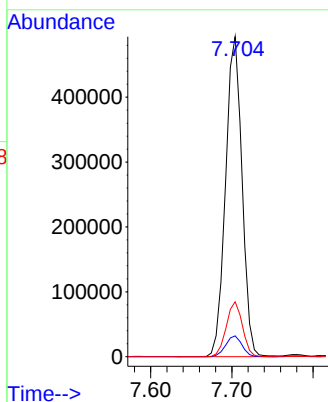
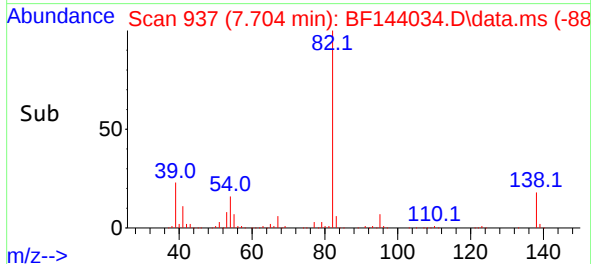
Instrument :
BNA_F
ClientSampleId :
PB170180BS



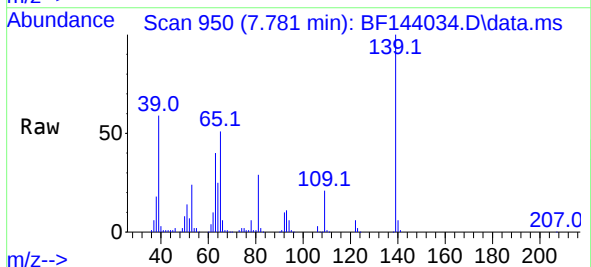
Tgt Ion: 82 Resp: 695710
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 17.1 12.9 19.3

Manual Integrations
APPROVED

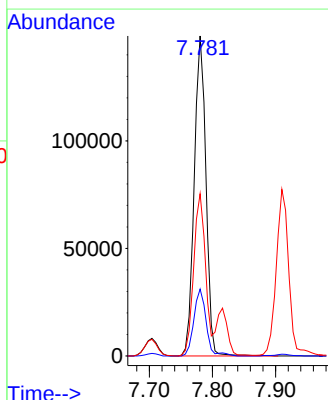
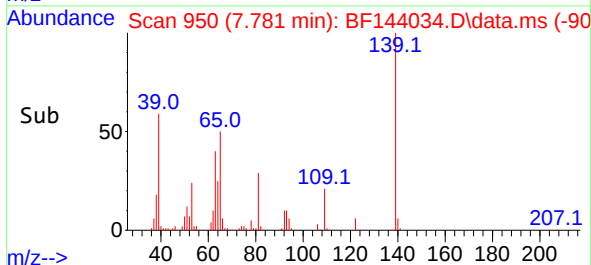
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

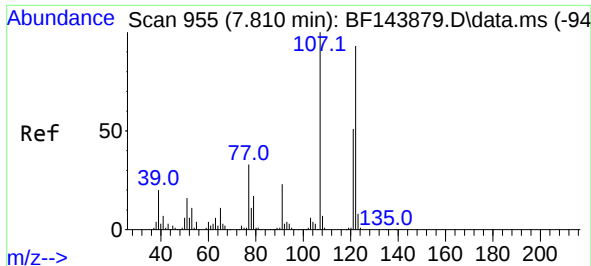


#26
2-Nitrophenol
Concen: 53.231 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



Tgt Ion:139 Resp: 191765
Ion Ratio Lower Upper
139 100
109 20.9 19.8 29.6
65 50.7 42.9 64.3





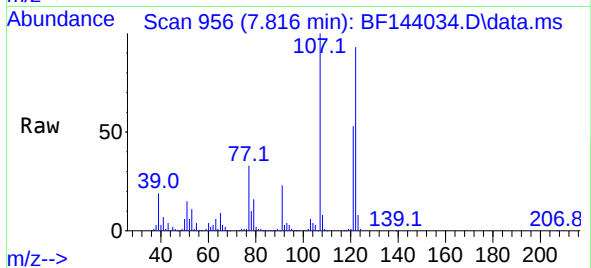
#27
2,4-Dimethylphenol
Concen: 48.029 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

PB170180BS



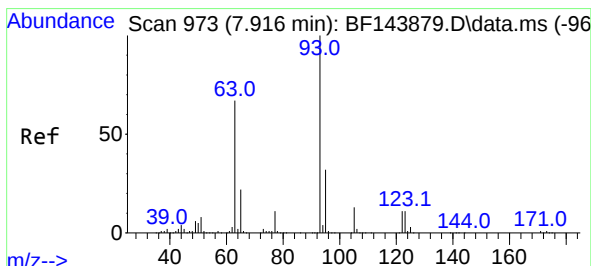
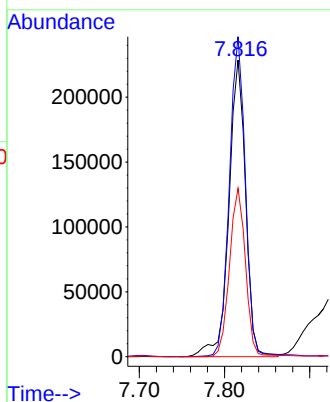
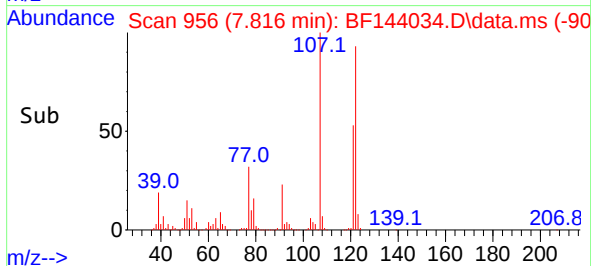
Tgt Ion:122 Resp: 31124
Ion Ratio Lower Upper
122 100
107 107.9 86.1 129.1
121 56.8 43.8 65.6

Manual Integrations

APPROVED

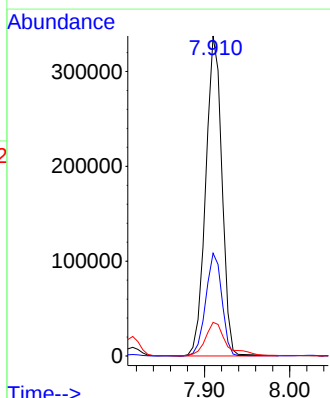
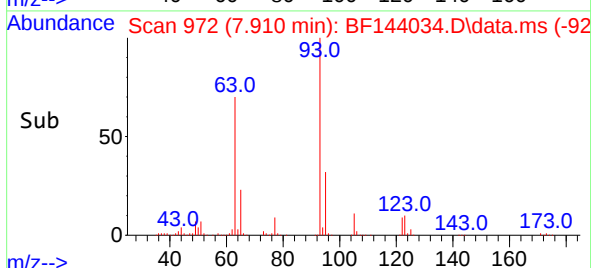
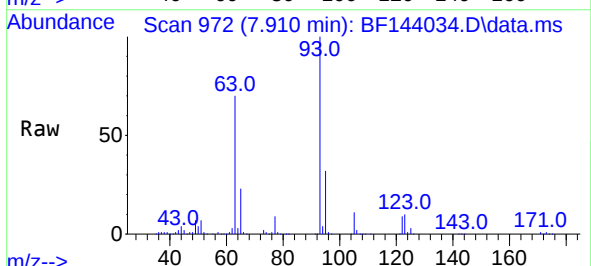
Reviewed By :Rahul Chavli 10/23/2025

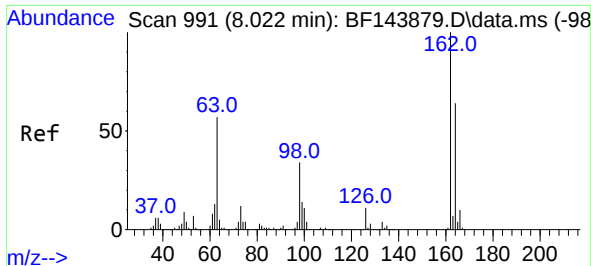
Supervised By :Jagrut Upadhyay 10/23/2025



#28
bis(2-Chloroethoxy)methane
Concen: 44.311 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Tgt Ion: 93 Resp: 446575
Ion Ratio Lower Upper
93 100
95 32.1 25.9 38.9
123 10.5 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 43.509 ng
RT: 8.022 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

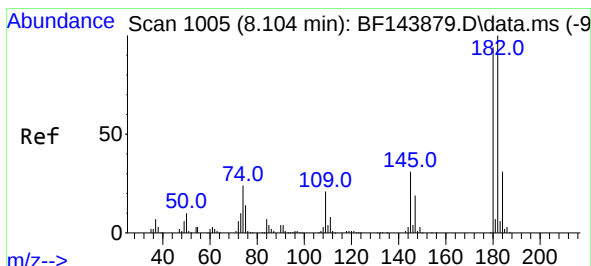
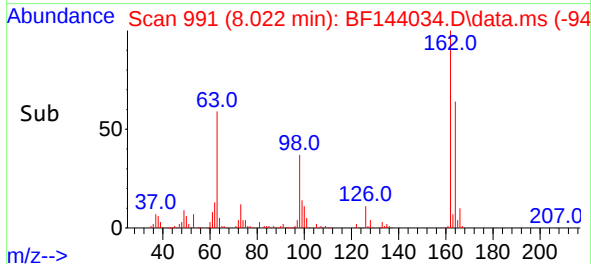
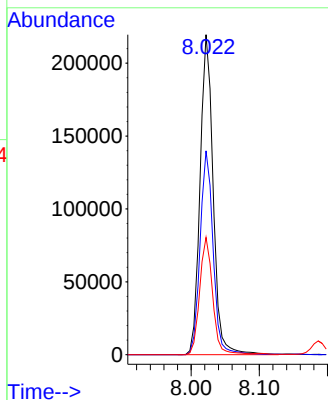
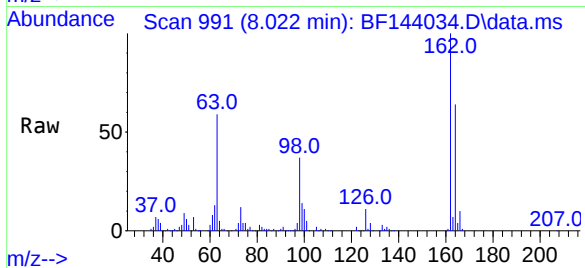
PB170180BS

Tgt Ion:162 Resp: 293698
Ion Ratio Lower Upper
162 100
164 63.7 43.9 83.9
98 36.7 14.4 54.4

Manual Integrations

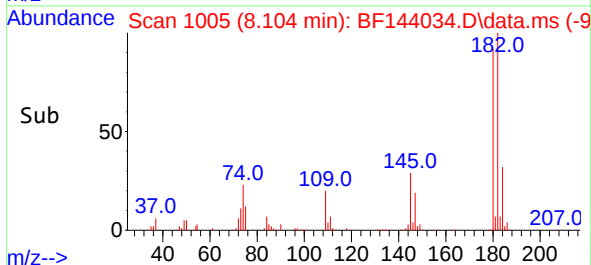
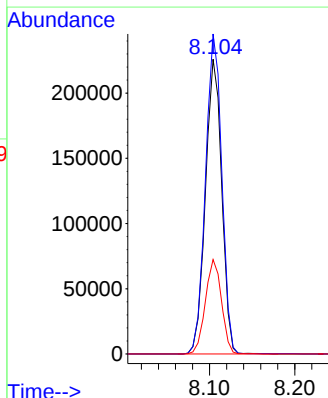
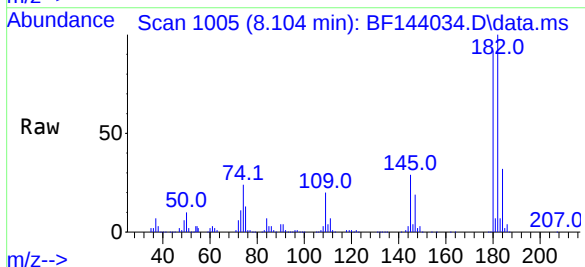
APPROVED

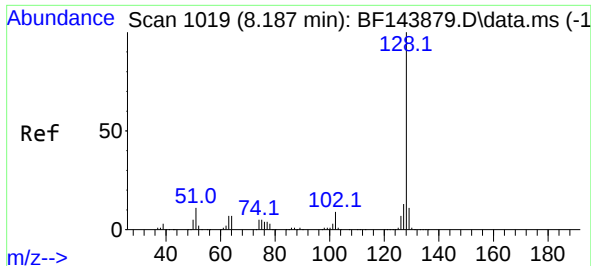
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#30
1,2,4-Trichlorobenzene
Concen: 45.212 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Tgt Ion:180 Resp: 300150
Ion Ratio Lower Upper
180 100
182 108.6 85.4 128.0
145 32.0 26.3 39.5





#31
Naphthalene
Concen: 43.074 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

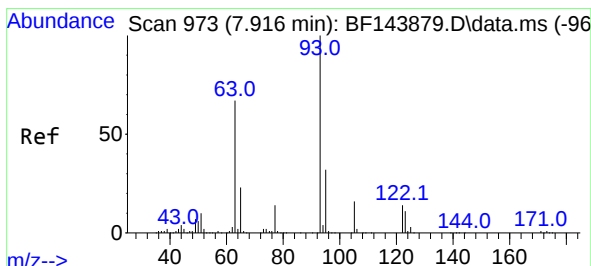
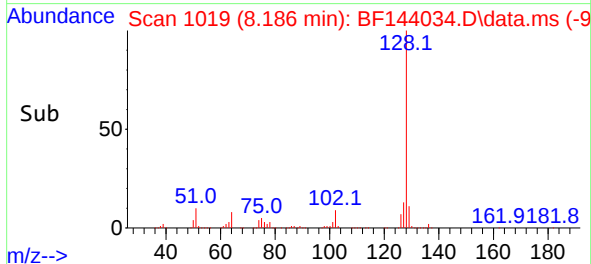
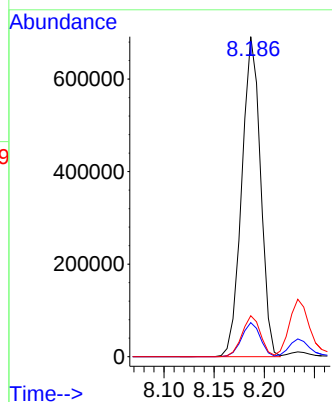
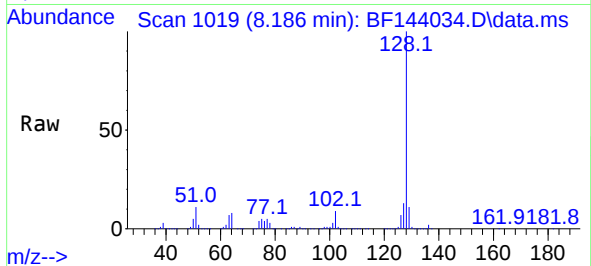
PB170180BS

Tgt Ion:128 Resp: 90075
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 12.8 10.0 15.0

Manual Integrations

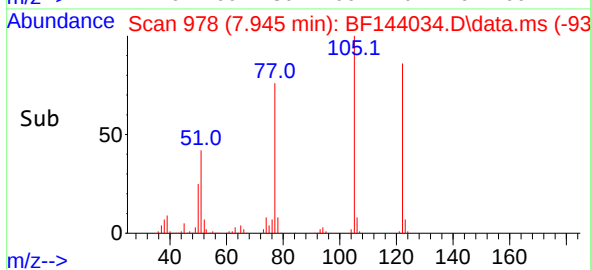
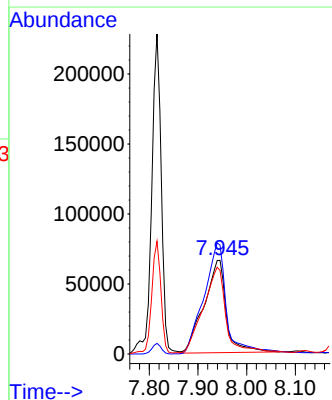
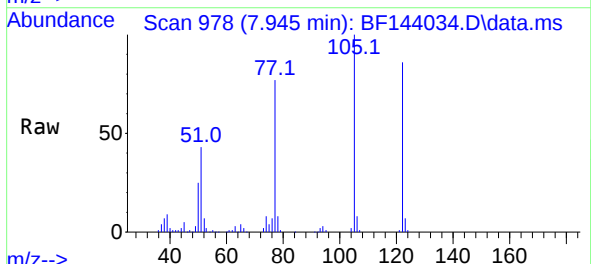
APPROVED

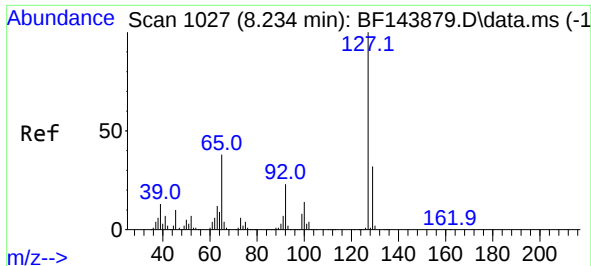
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#32
Benzoic acid
Concen: 46.887 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.018 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Tgt Ion:122 Resp: 210289
Ion Ratio Lower Upper
122 100
105 116.2 93.5 133.5
77 89.2 76.3 116.3





#33
4-Chloroaniline
Concen: 23.505 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

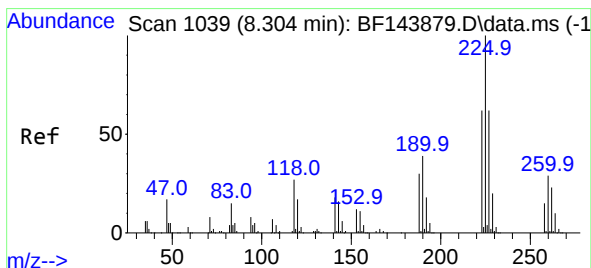
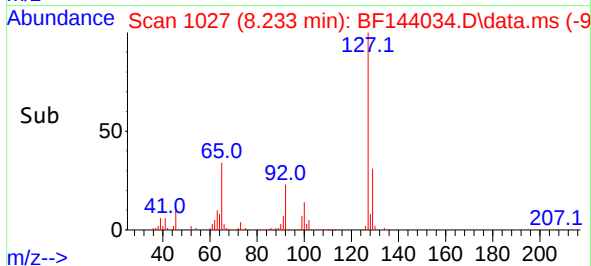
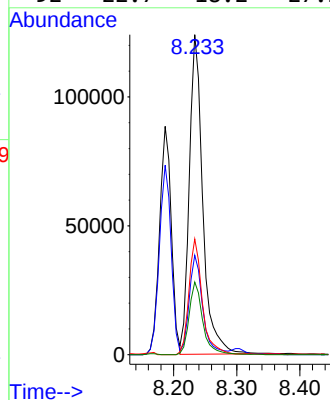
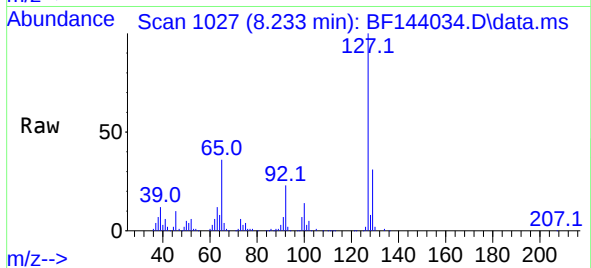
PB170180BS

Tgt Ion:127 Resp: 18434
Ion Ratio Lower Upper
127 100
129 31.0 25.8 38.8
65 36.2 30.0 45.0
92 22.7 18.2 27.2

Manual Integrations

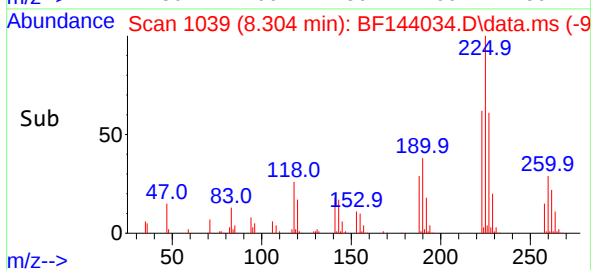
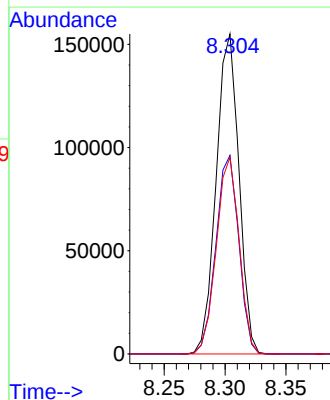
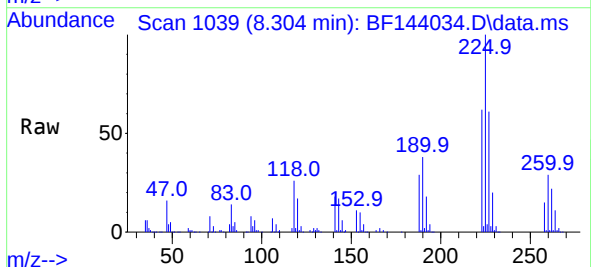
APPROVED

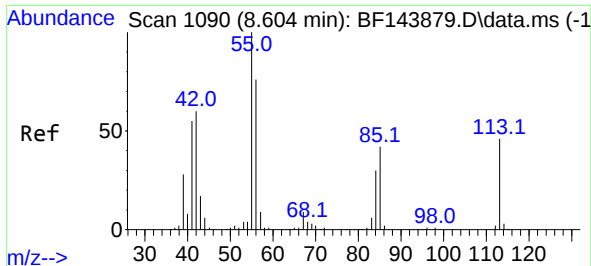
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#34
Hexachlorobutadiene
Concen: 43.672 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

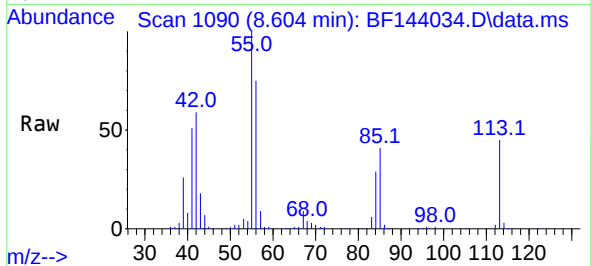
Tgt Ion:225 Resp: 201469
Ion Ratio Lower Upper
225 100
223 62.1 49.4 74.2
227 61.5 49.7 74.5





#35
Caprolactam
Concen: 45.773 ng m
RT: 8.604 min Scan# 1090
Delta R.T. -0.041 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

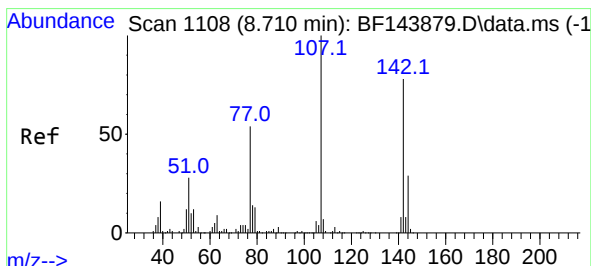
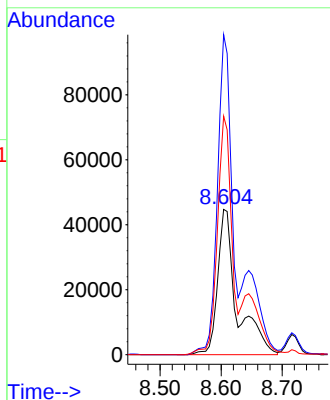
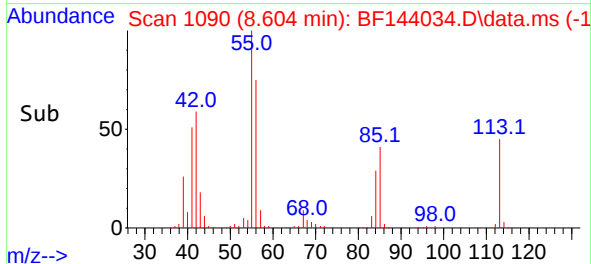
Instrument :
BNA_F
ClientSampleId :
PB170180BS



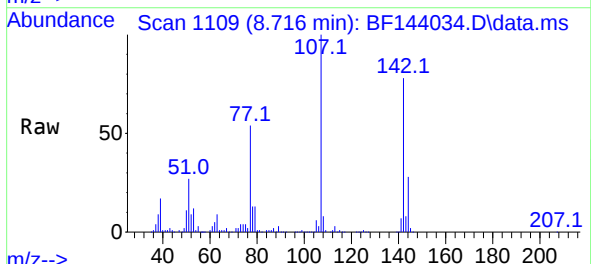
Tgt Ion:113 Resp: 9824
Ion Ratio Lower Upper
113 100
55 220.2 199.6 239.6
56 164.1 146.0 186.0

Manual Integrations
APPROVED

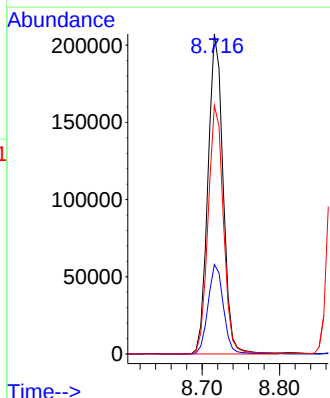
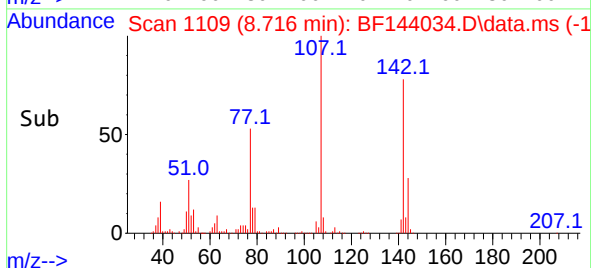
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

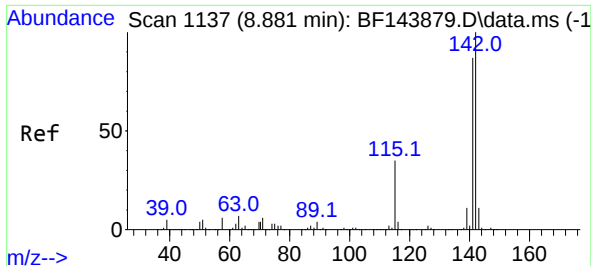


#36
4-Chloro-3-methylphenol
Concen: 43.358 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



Tgt Ion:107 Resp: 281138
Ion Ratio Lower Upper
107 100
144 28.0 23.1 34.7
142 77.7 62.6 94.0





#37
2-Methylnaphthalene
Concen: 39.734 ng
RT: 8.880 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

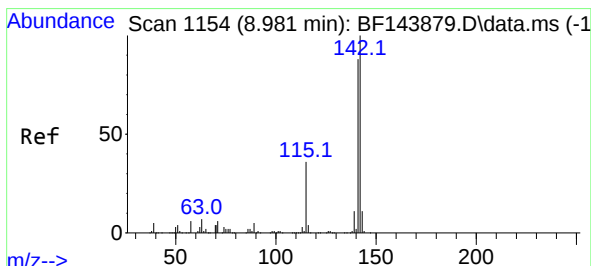
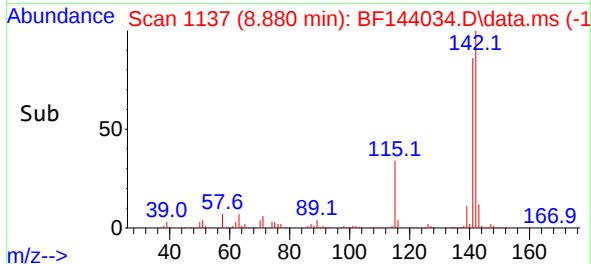
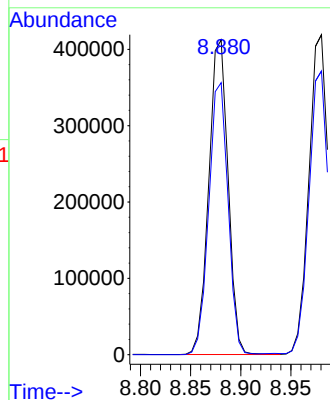
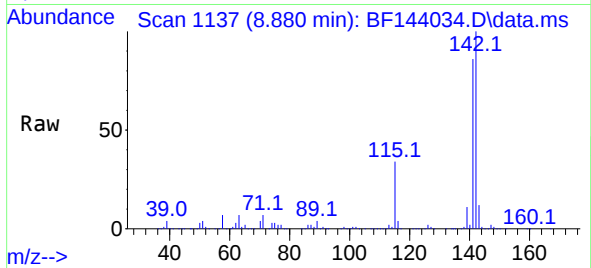
PB170180BS

Tgt Ion:142 Resp: 553480
Ion Ratio Lower Upper
142 100
141 86.4 69.2 103.8

Manual Integrations

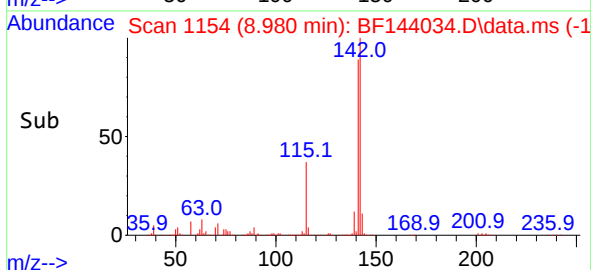
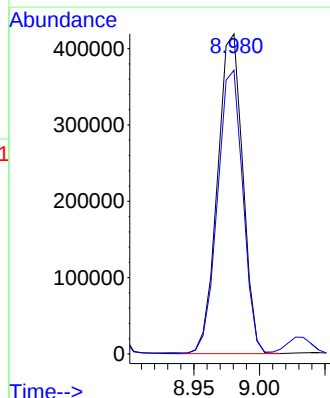
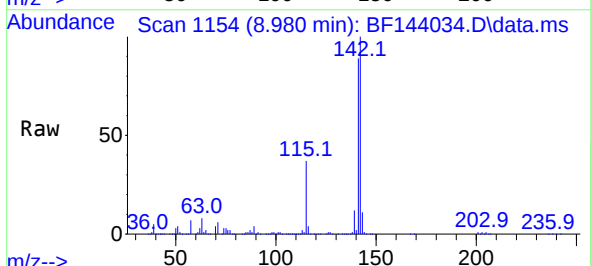
APPROVED

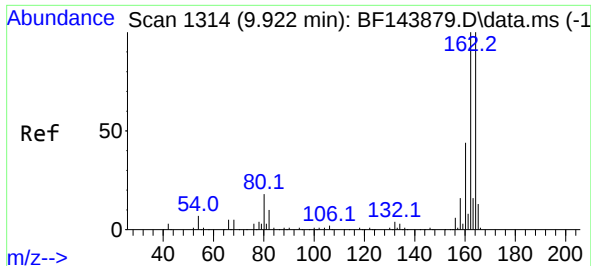
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#38
1-Methylnaphthalene
Concen: 41.537 ng
RT: 8.980 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Tgt Ion:142 Resp: 561229
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2





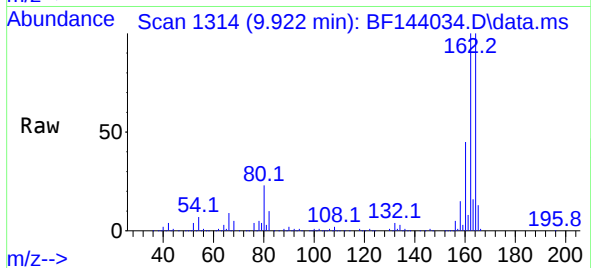
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 111
Delta R.T. -0.005 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

PB170180BS



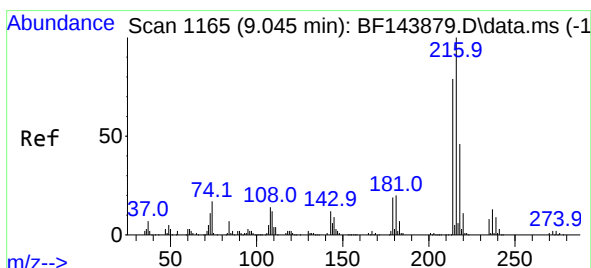
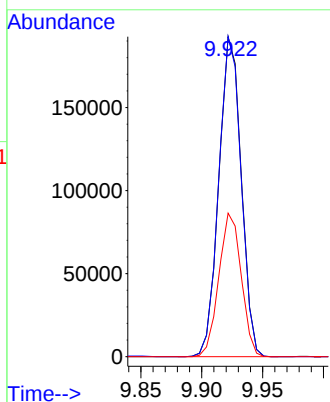
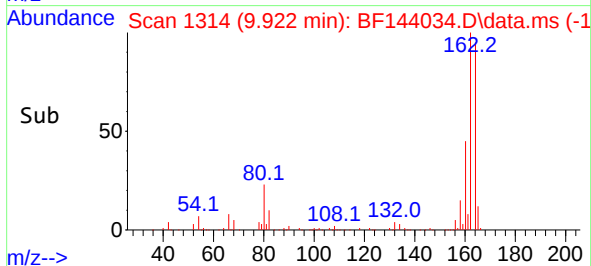
Tgt Ion:164 Resp: 246572
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.2
160 44.8 35.4 53.0

Manual Integrations

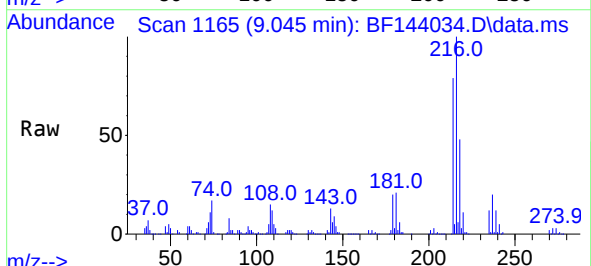
APPROVED

Reviewed By :Rahul Chavli 10/23/2025

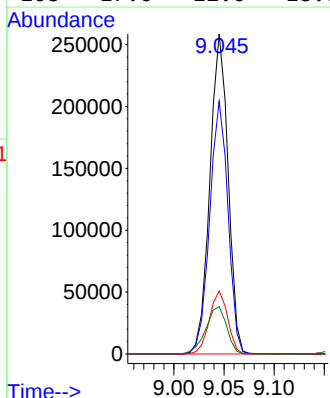
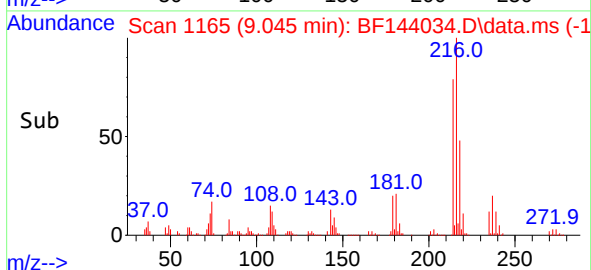
Supervised By :Jagrut Upadhyay 10/23/2025

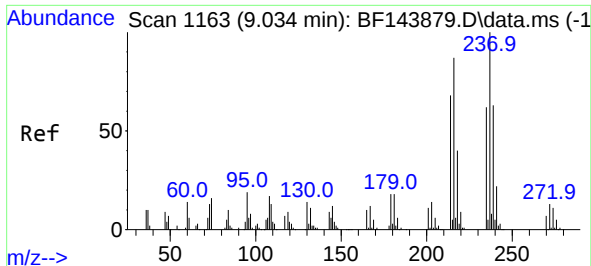


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.997 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



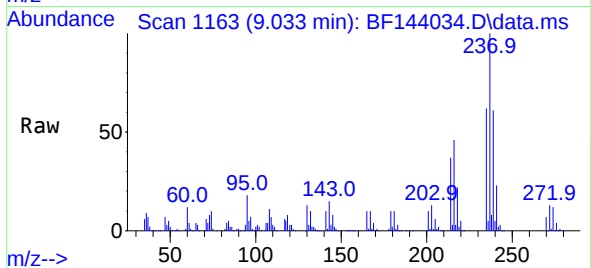
Tgt Ion:216 Resp: 327097
Ion Ratio Lower Upper
216 100
214 79.3 62.6 94.0
179 19.8 15.4 23.0
108 17.0 12.0 18.0





#41
Hexachlorocyclopentadiene
Concen: 99.056 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

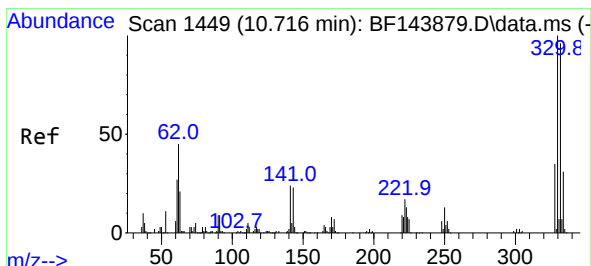
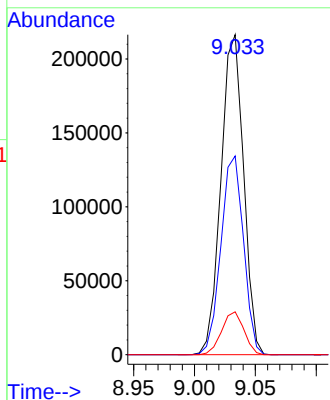
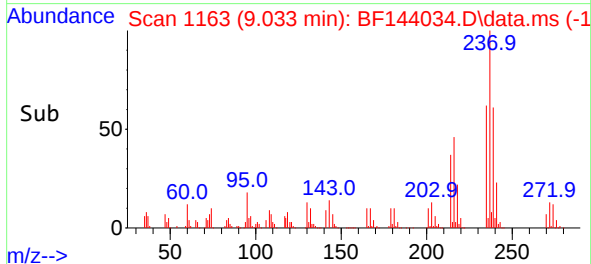
Instrument :
BNA_F
ClientSampleId :
PB170180BS



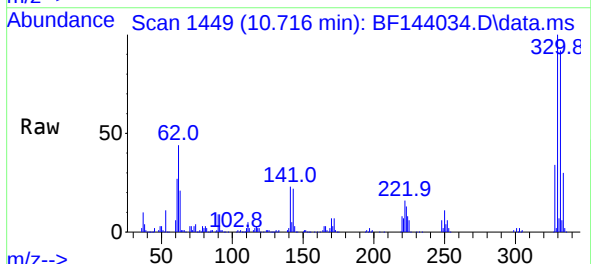
Tgt Ion:237 Resp: 28005
Ion Ratio Lower Upper
237 100
235 62.1 42.3 82.3
272 13.4 0.0 33.1

Manual Integrations
APPROVED

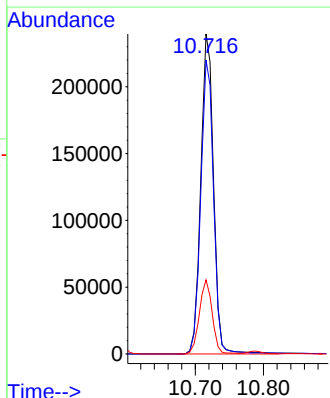
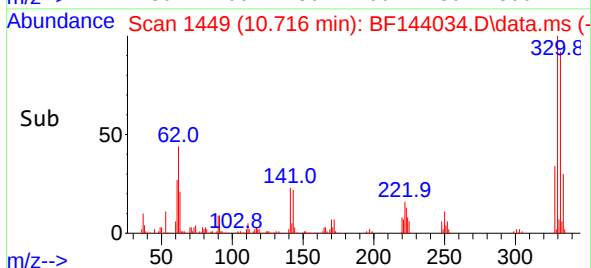
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

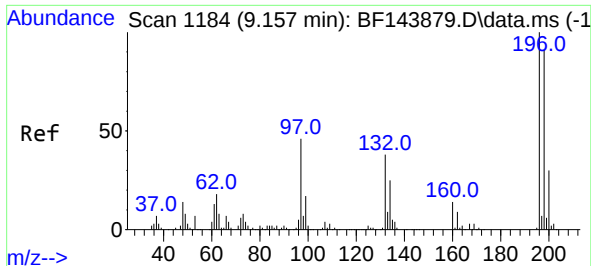


#42
2,4,6-Tribromophenol
Concen: 126.987 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



Tgt Ion:330 Resp: 311869
Ion Ratio Lower Upper
330 100
332 92.5 76.9 115.3
141 23.2 20.2 30.4





#43
2,4,6-Trichlorophenol
Concen: 44.535 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

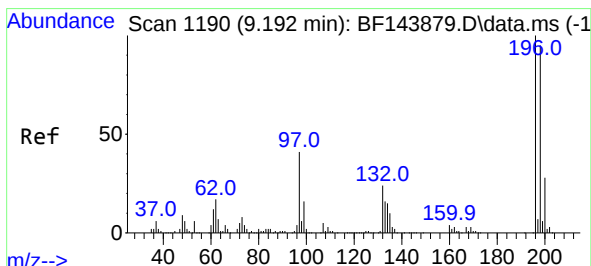
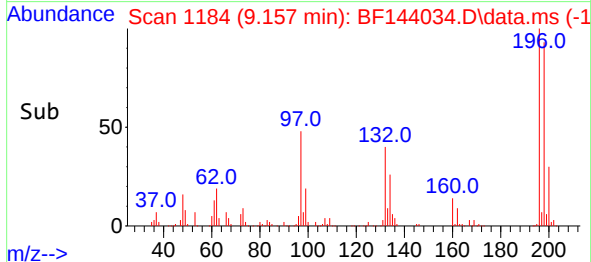
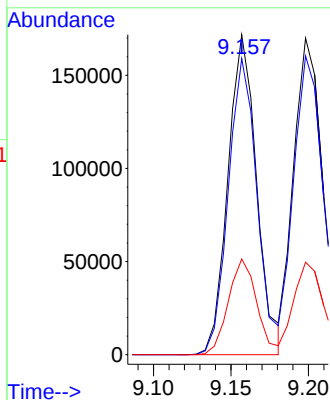
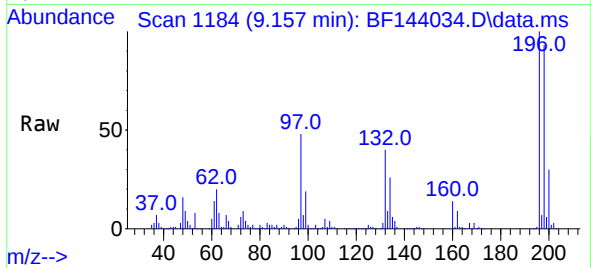
PB170180BS

Tgt Ion:196 Resp: 22175
Ion Ratio Lower Upper
196 100
198 92.6 72.8 109.2
200 29.9 24.0 36.0

Manual Integrations

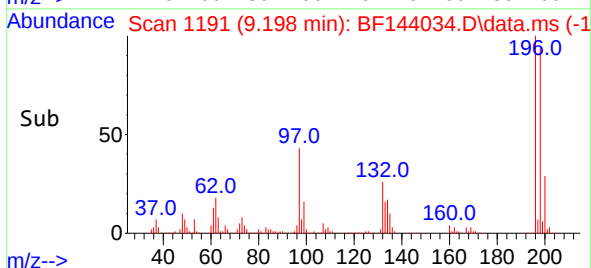
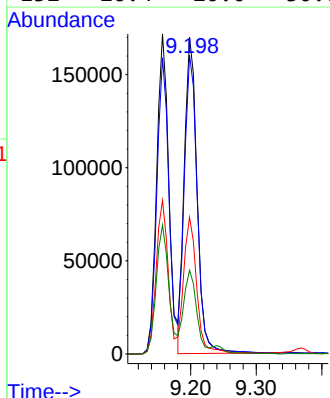
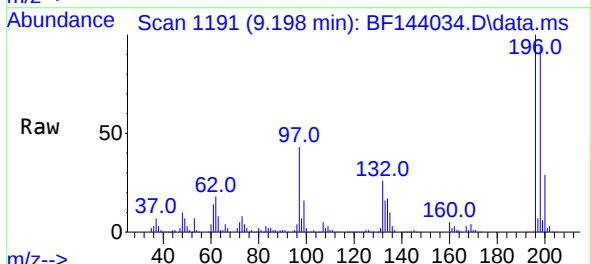
APPROVED

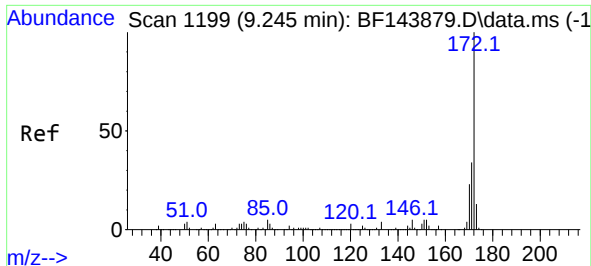
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#44
2,4,5-Trichlorophenol
Concen: 43.543 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Tgt Ion:196 Resp: 229126
Ion Ratio Lower Upper
196 100
198 94.4 75.5 113.3
97 43.2 33.9 50.9
132 26.4 20.0 30.0





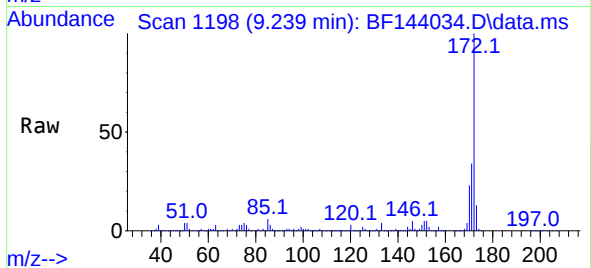
#45
2-Fluorobiphenyl
Concen: 79.576 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

PB170180BS

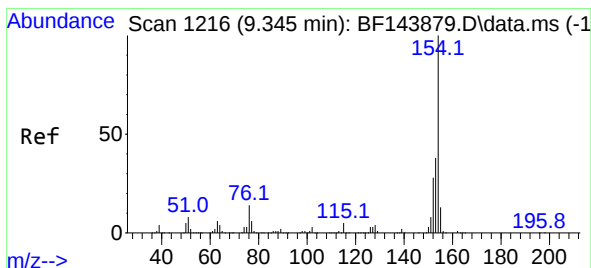
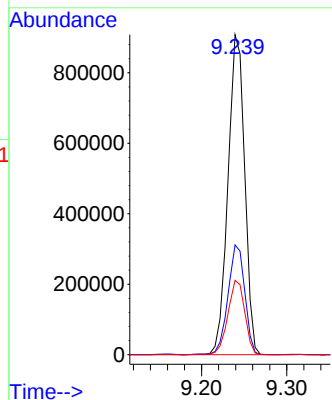
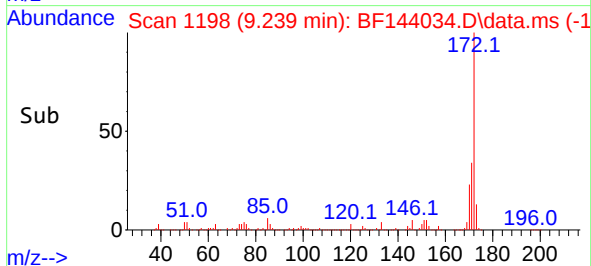


Tgt Ion:172 Resp: 123657
Ion Ratio Lower Upper
172 100
171 34.3 27.4 41.0
170 23.3 18.6 28.0

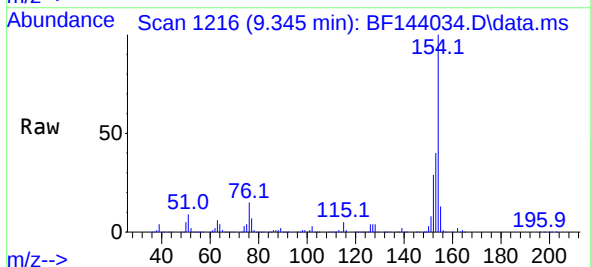
Manual Integrations

APPROVED

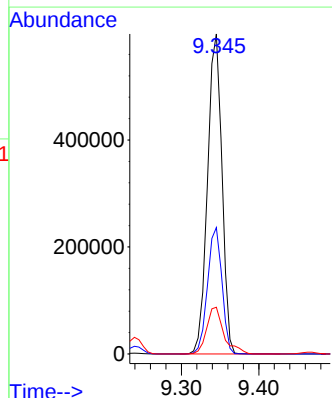
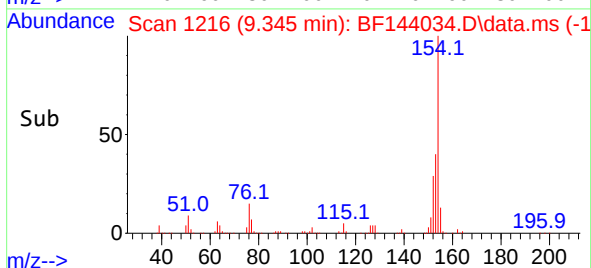
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

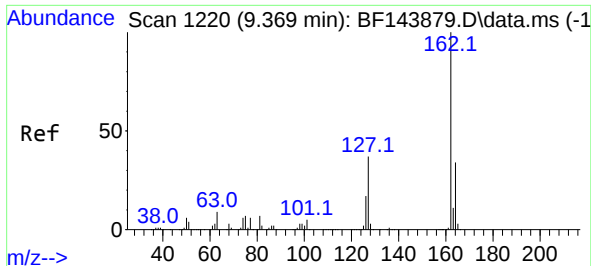


#46
1,1'-Biphenyl
Concen: 47.382 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



Tgt Ion:154 Resp: 773525
Ion Ratio Lower Upper
154 100
153 39.5 18.4 58.4
76 14.6 0.0 34.0





#47
2-Chloronaphthalene
Concen: 44.221 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

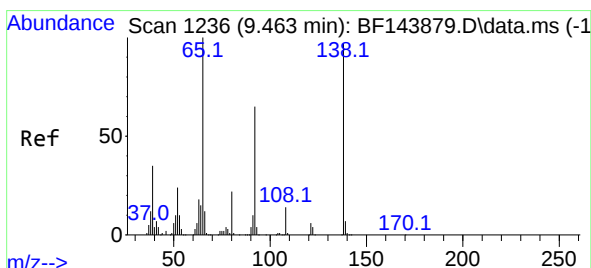
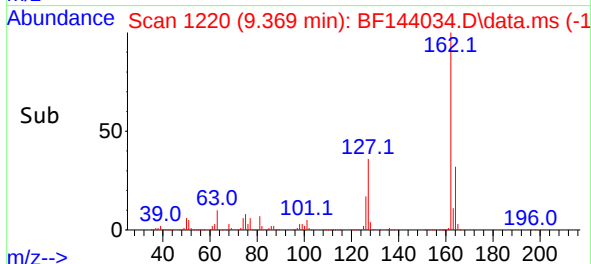
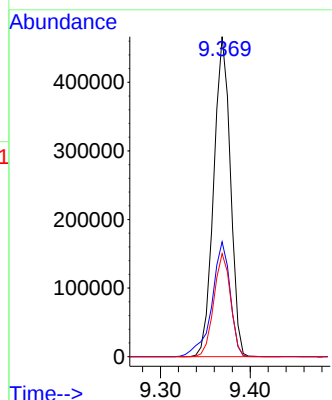
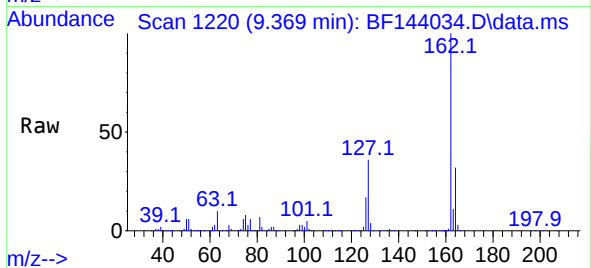
ClientSampleId :

PB170180BS

Tgt Ion:162 Resp: 60190
Ion Ratio Lower Upper
162 100
127 35.9 30.2 45.2
164 32.2 26.9 40.3

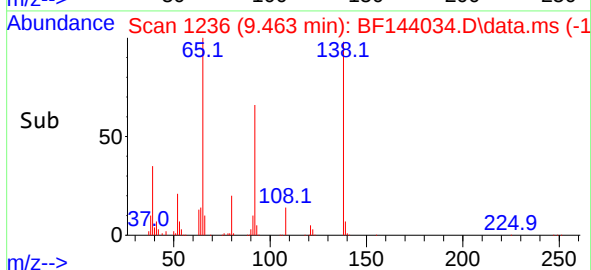
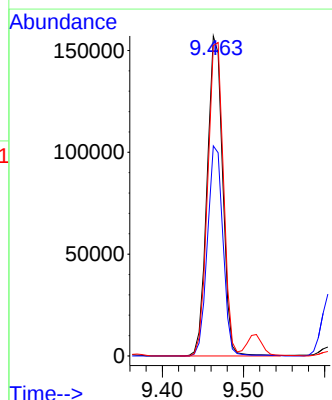
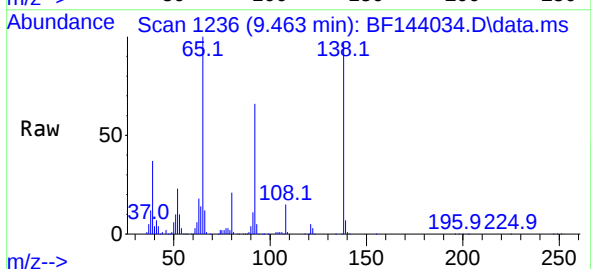
Manual Integrations
APPROVED

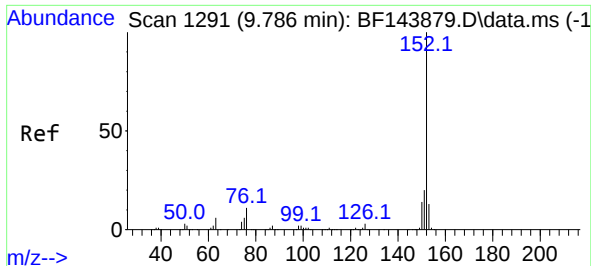
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#48
2-Nitroaniline
Concen: 48.439 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Tgt Ion: 65 Resp: 208448
Ion Ratio Lower Upper
65 100
92 65.6 52.1 78.1
138 97.0 77.4 116.2





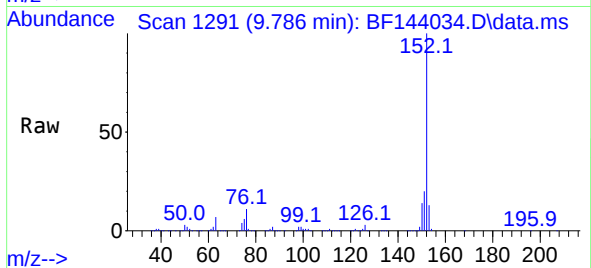
#49
Acenaphthylene
Concen: 49.554 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

PB170180BS



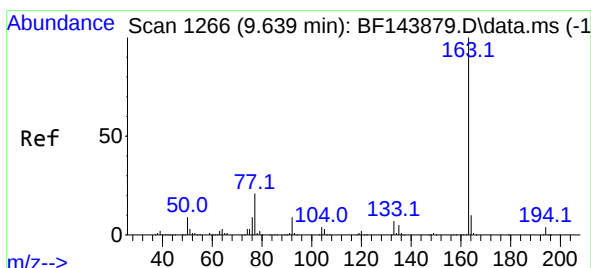
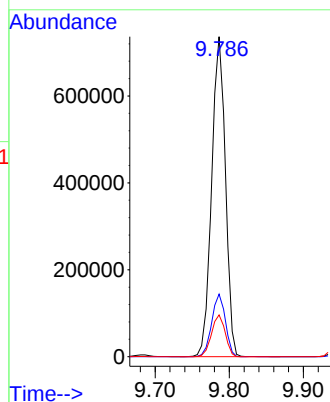
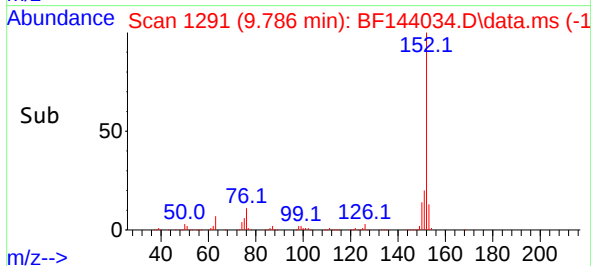
Tgt Ion:152 Resp: 94824
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.0 10.5 15.7

Manual Integrations

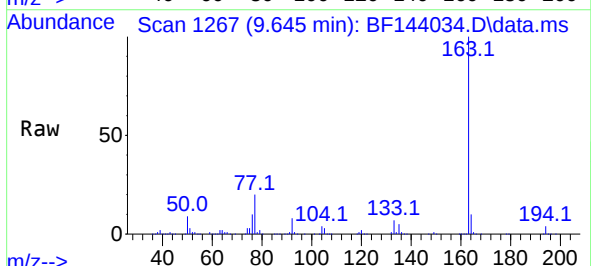
APPROVED

Reviewed By :Rahul Chavli 10/23/2025

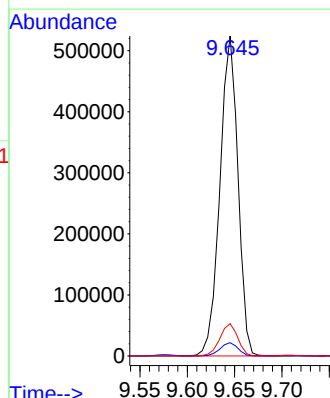
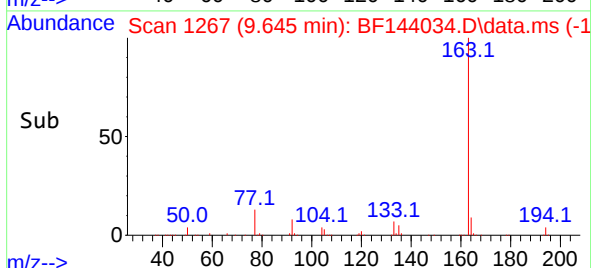
Supervised By :Jagrut Upadhyay 10/23/2025

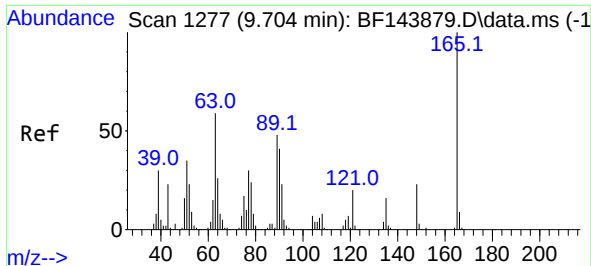


#50
Dimethylphthalate
Concen: 44.420 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



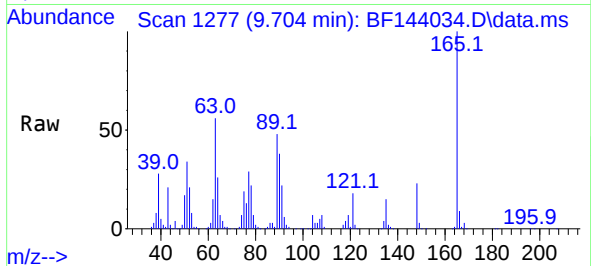
Tgt Ion:163 Resp: 695536
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 52.872 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

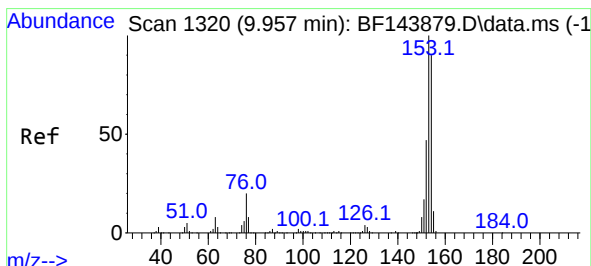
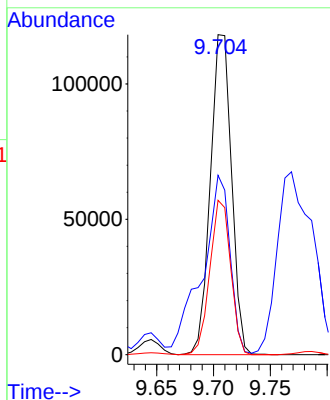
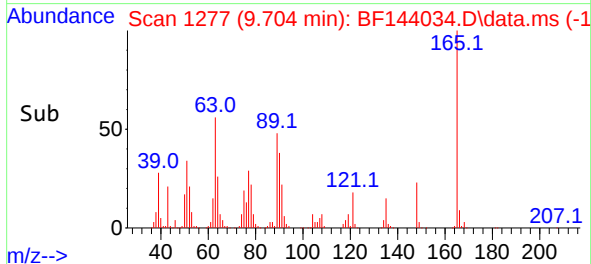
Instrument :
BNA_F
ClientSampleId :
PB170180BS



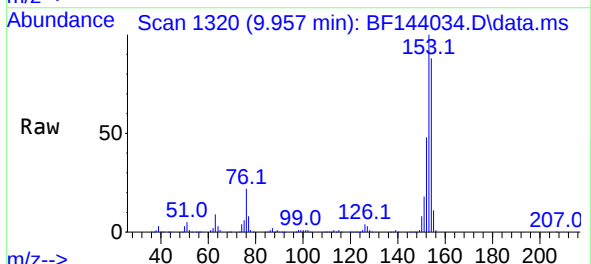
Tgt Ion:165 Resp: 15351
Ion Ratio Lower Upper
165 100
63 56.0 47.3 70.9
89 48.3 38.2 57.4

Manual Integrations
APPROVED

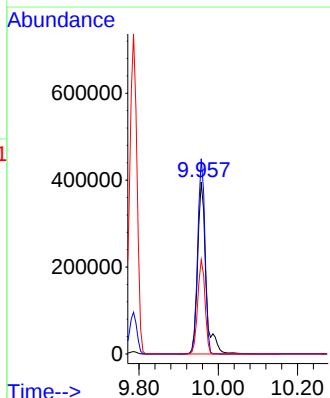
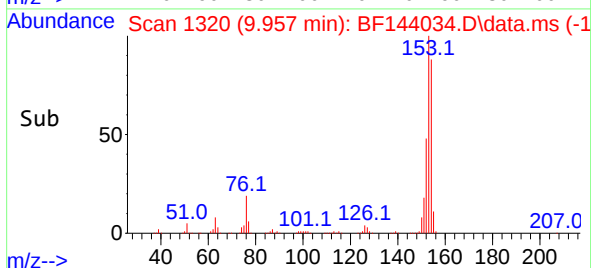
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

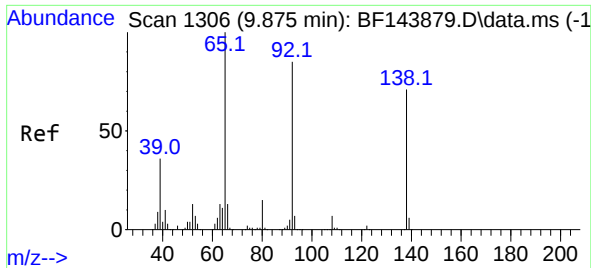


#52
Acenaphthene
Concen: 45.911 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



Tgt Ion:154 Resp: 575664
Ion Ratio Lower Upper
154 100
153 113.6 89.3 133.9
152 54.8 42.2 63.2





#53
3-Nitroaniline
Concen: 32.221 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

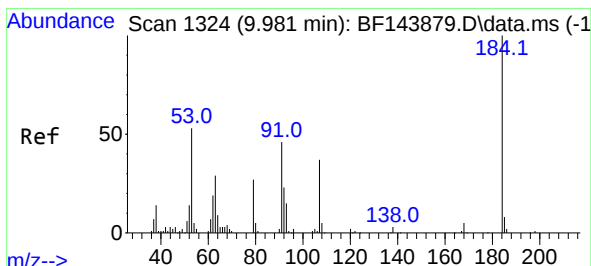
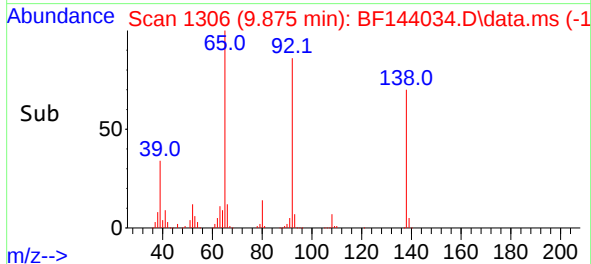
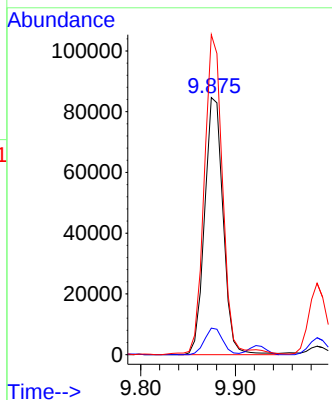
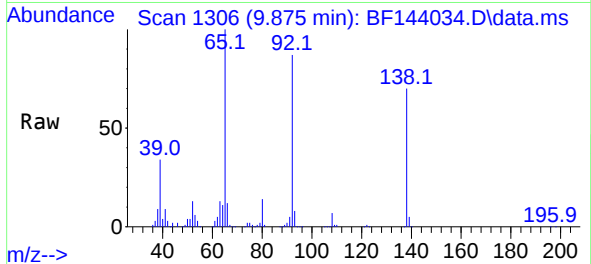
PB170180BS

Tgt Ion:138 Resp: 11455
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 124.5 96.2 144.2

Manual Integrations

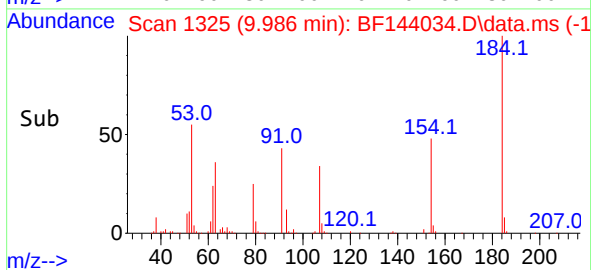
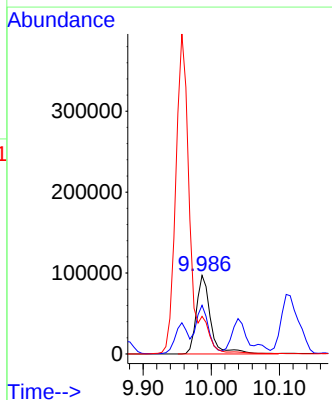
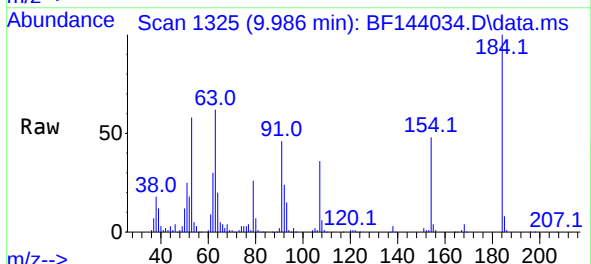
APPROVED

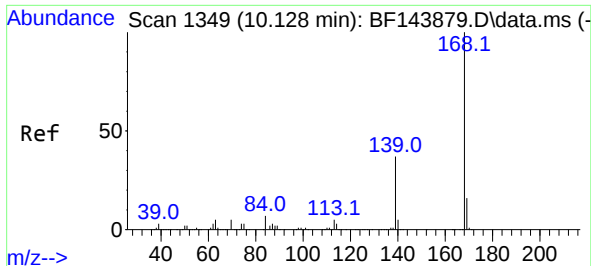
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#54
2,4-Dinitrophenol
Concen: 78.686 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Tgt Ion:184 Resp: 140703
Ion Ratio Lower Upper
184 100
63 62.0 48.2 72.4
154 47.9 49.2 73.8#





#55
Dibenzenofuran
Concen: 43.513 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

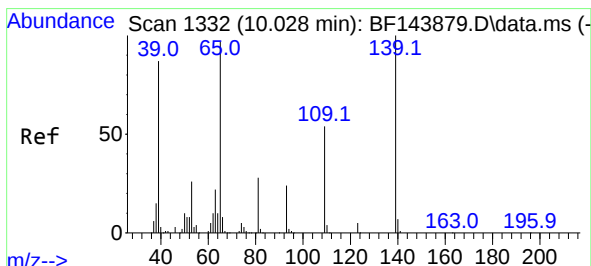
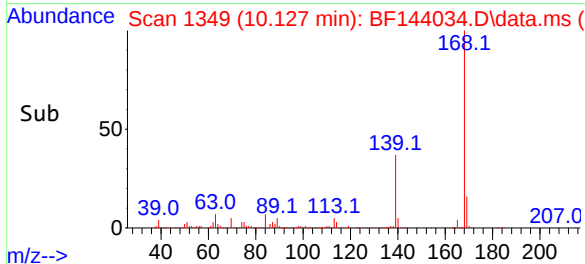
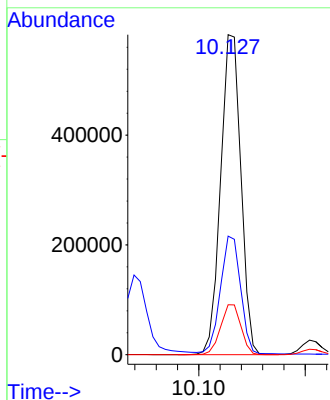
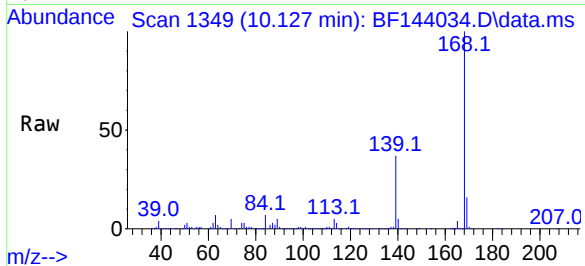
PB170180BS

Tgt Ion:168 Resp: 770168
Ion Ratio Lower Upper
168 100
139 37.1 29.8 44.8
169 15.6 12.8 19.2

Manual Integrations

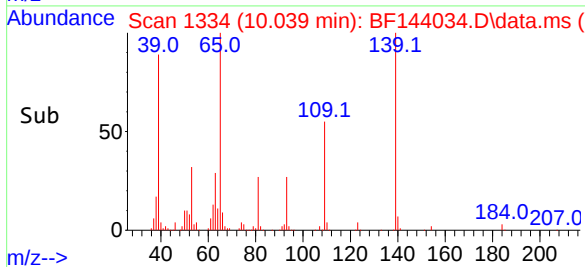
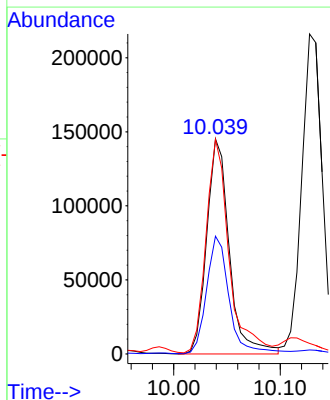
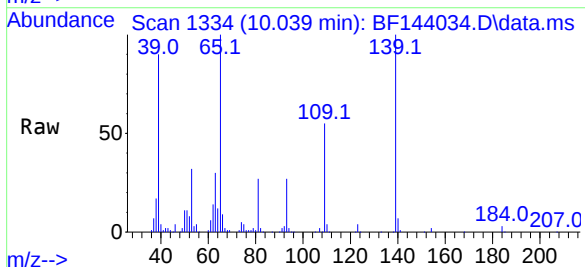
APPROVED

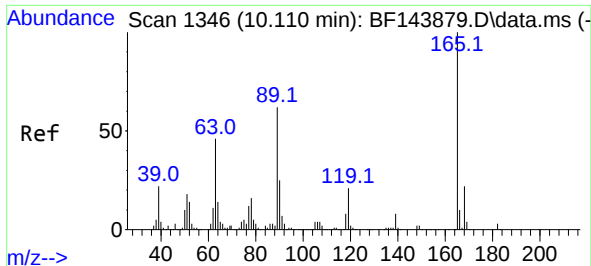
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#56
4-Nitrophenol
Concen: 79.453 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Tgt Ion:139 Resp: 213879
Ion Ratio Lower Upper
139 100
109 54.8 34.5 74.5
65 99.9 77.6 117.6





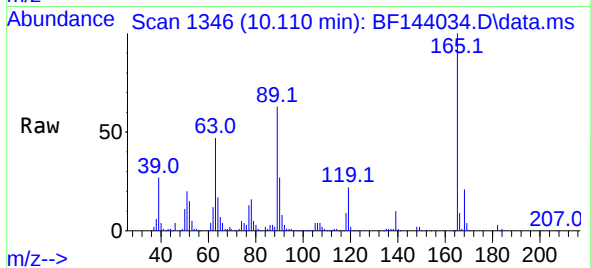
#57
2,4-Dinitrotoluene
Concen: 51.399 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

PB170180BS

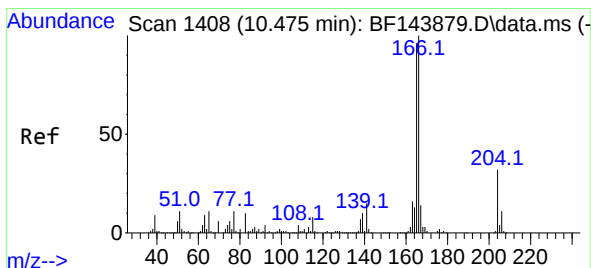
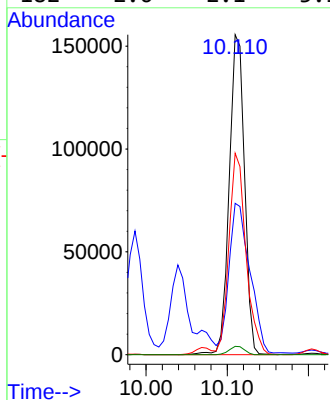
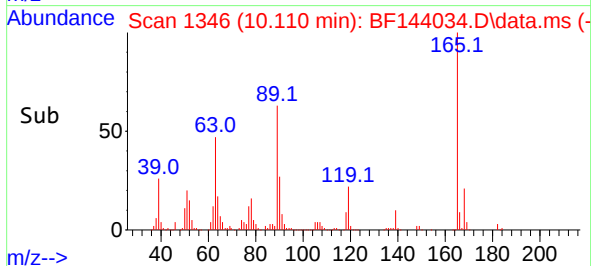


Tgt Ion:165 Resp: 203059
Ion Ratio Lower Upper
165 100
63 47.3 37.2 55.8
89 63.0 49.4 74.2
182 2.6 2.1 3.1

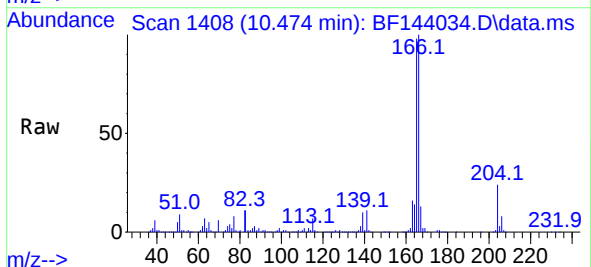
Manual Integrations

APPROVED

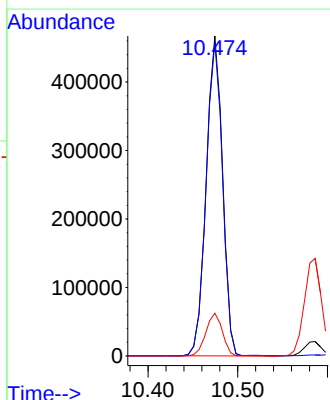
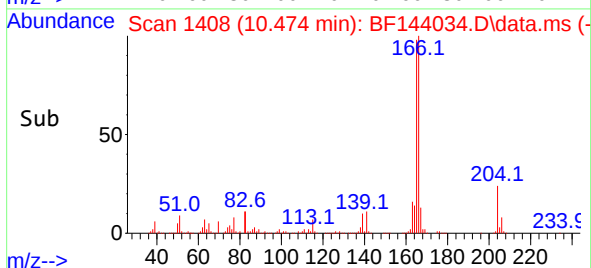
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

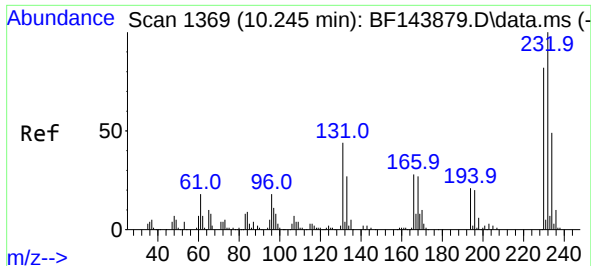


#58
Fluorene
Concen: 44.357 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



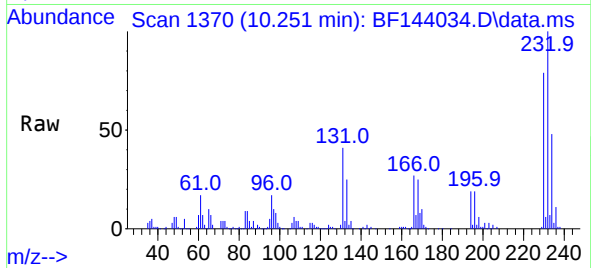
Tgt Ion:166 Resp: 592420
Ion Ratio Lower Upper
166 100
165 98.0 77.0 115.6
167 13.4 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.739 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

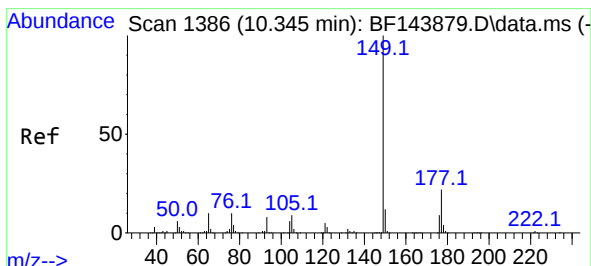
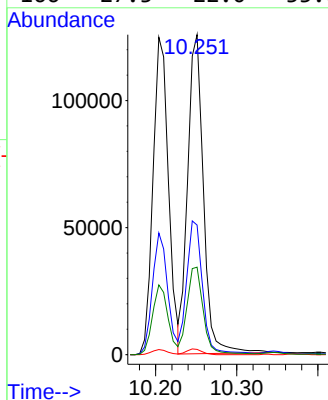
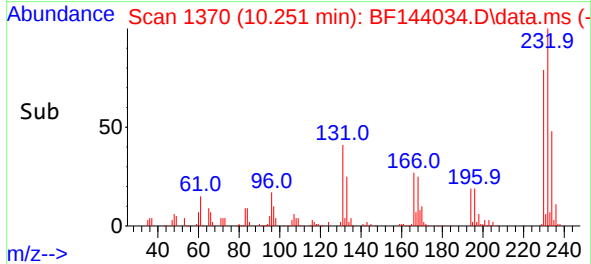
Instrument :
BNA_F
ClientSampleId :
PB170180BS



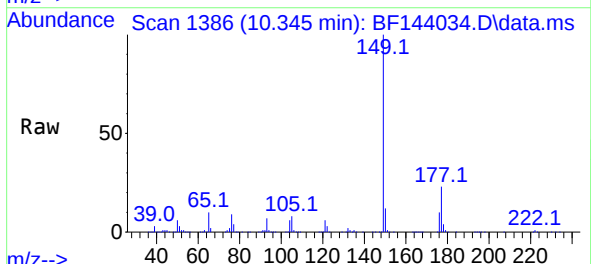
Tgt Ion:232 Resp: 170371
Ion Ratio Lower Upper
232 100
131 42.0 34.9 52.3
130 1.7 1.6 2.4
166 27.3 22.0 33.0

Manual Integrations
APPROVED

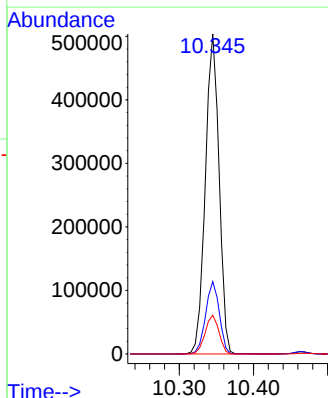
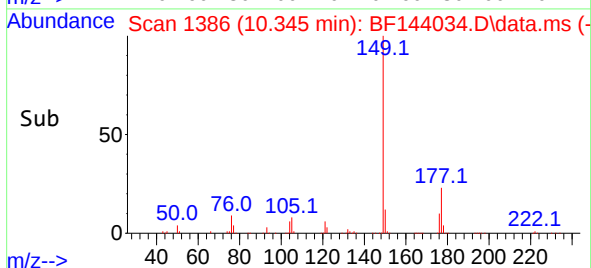
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

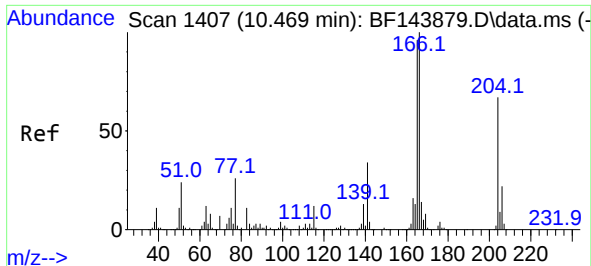


#60
Diethylphthalate
Concen: 44.534 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



Tgt Ion:149 Resp: 647831
Ion Ratio Lower Upper
149 100
177 22.6 17.9 26.9
150 12.1 9.8 14.8





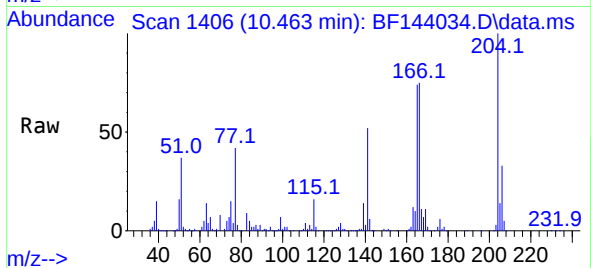
#61
4-Chlorophenyl-phenylether
Concen: 44.073 ng
RT: 10.463 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

PB170180BS

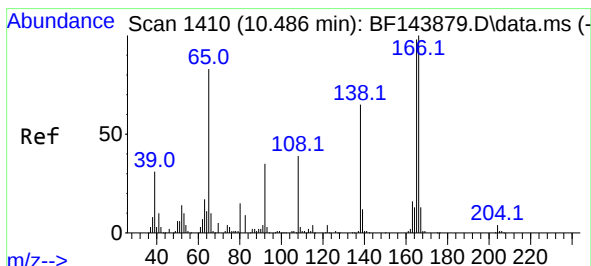
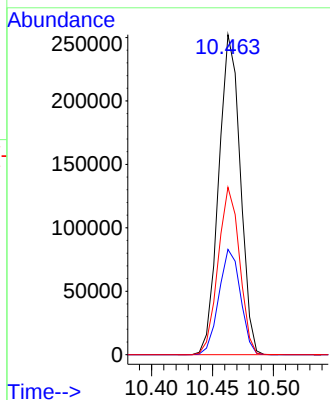
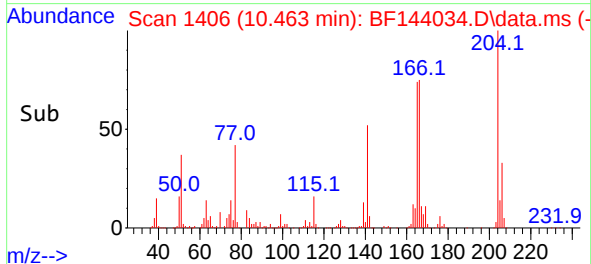


Tgt Ion:204 Resp: 31120
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 52.3 40.4 60.6

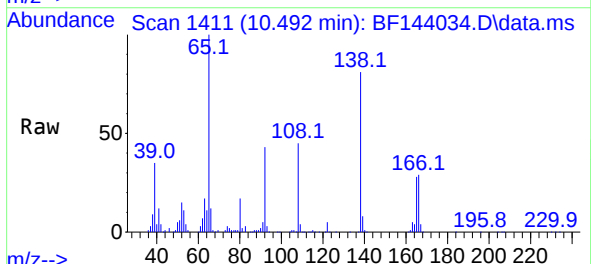
Manual Integrations

APPROVED

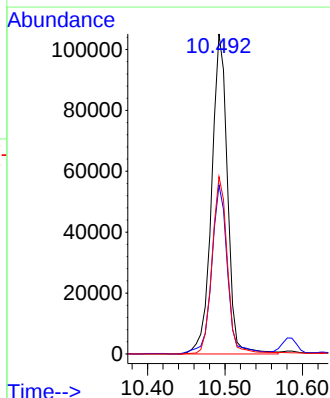
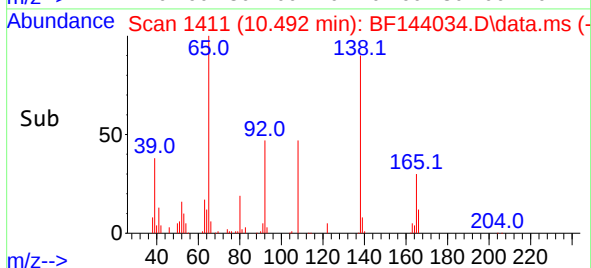
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

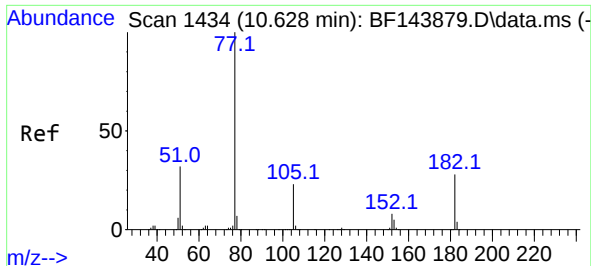


#62
4-Nitroaniline
Concen: 43.698 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



Tgt Ion:138 Resp: 149396
Ion Ratio Lower Upper
138 100
92 52.8 33.9 73.9
108 55.4 40.2 80.2





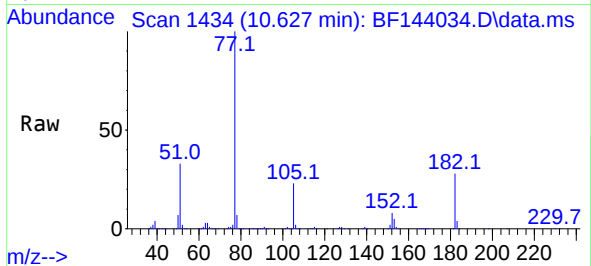
#63
Azobenzene
Concen: 45.371 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

PB170180BS



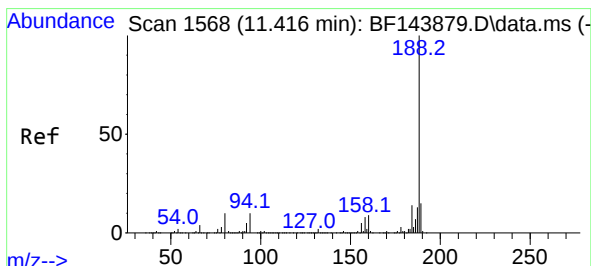
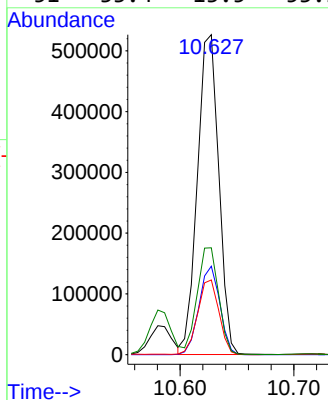
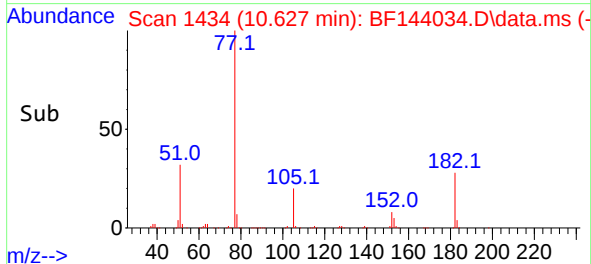
Tgt Ion: 77 Resp: 68978
Ion Ratio Lower Upper
77 100
182 27.7 7.3 47.3
105 23.4 3.0 43.0
51 33.4 13.5 53.5

Manual Integrations

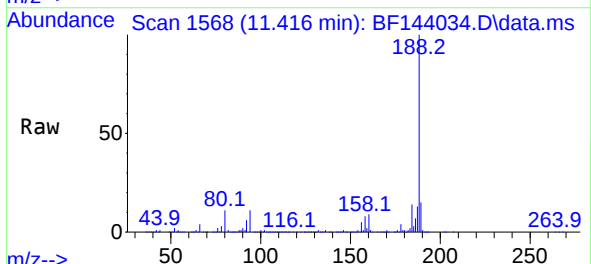
APPROVED

Reviewed By :Rahul Chavli 10/23/2025

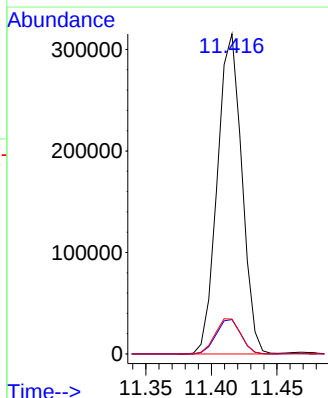
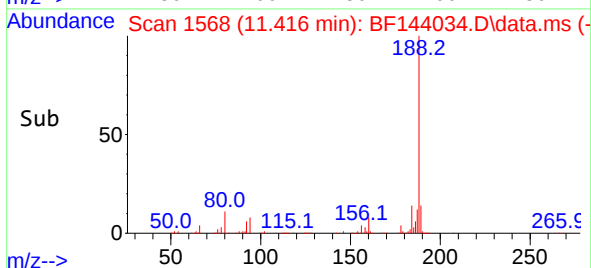
Supervised By :Jagrut Upadhyay 10/23/2025

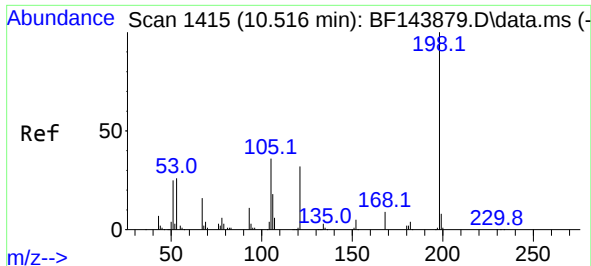


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



Tgt Ion:188 Resp: 409864
Ion Ratio Lower Upper
188 100
94 10.7 7.8 11.6
80 10.9 7.9 11.9





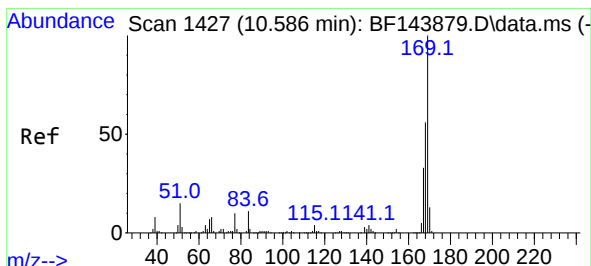
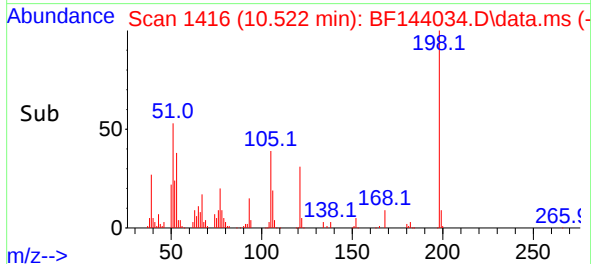
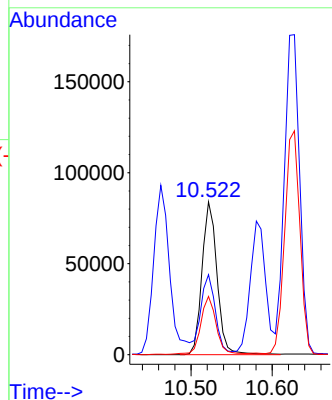
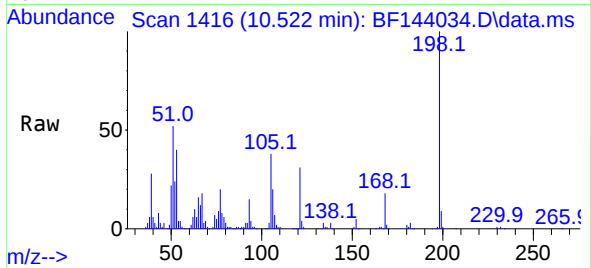
#65
4,6-Dinitro-2-methylphenol
Concen: 52.568 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :
BNA_F
ClientSampleId :
PB170180BS

Tgt Ion:198 Resp: 10827
Ion Ratio Lower Upper
198 100
51 52.3 33.8 73.8
105 38.1 17.0 57.0

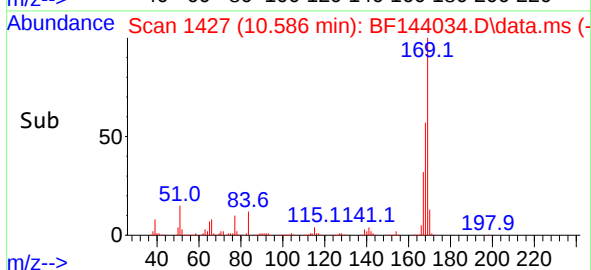
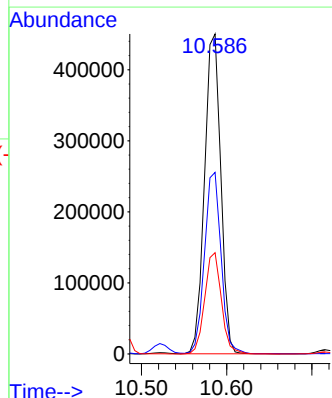
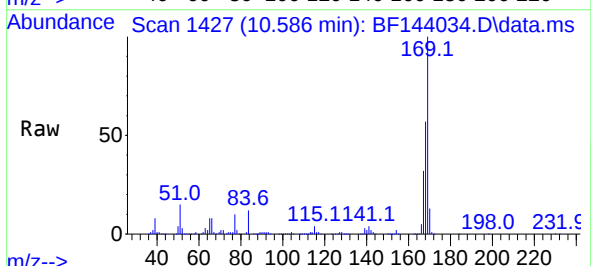
Manual Integrations
APPROVED

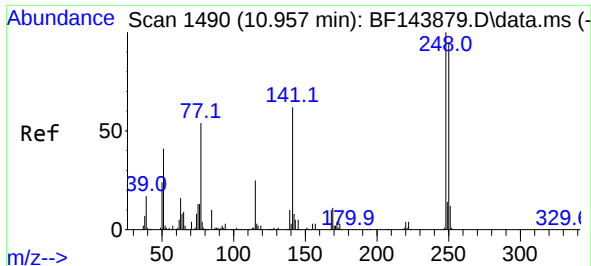
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#66
n-Nitrosodiphenylamine
Concen: 46.319 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Tgt Ion:169 Resp: 596101
Ion Ratio Lower Upper
169 100
168 56.8 44.9 67.3
167 31.6 26.3 39.5





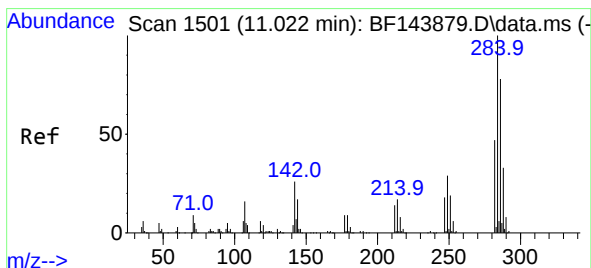
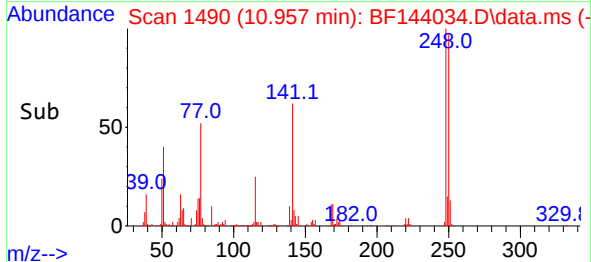
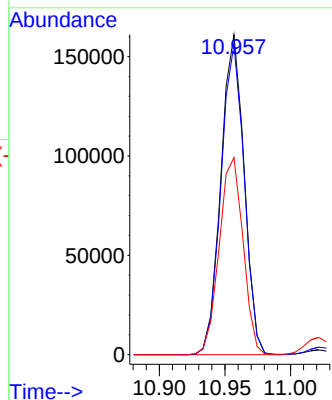
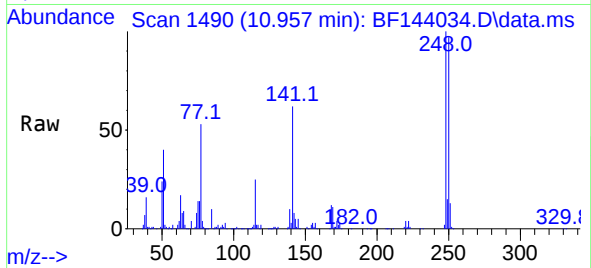
#67
4-Bromophenyl-phenylether
Concen: 43.730 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :
BNA_F
ClientSampleId :
PB170180BS

Tgt Ion:248 Resp: 198082
Ion Ratio Lower Upper
248 100
250 97.0 76.3 114.5
141 61.6 49.7 74.5

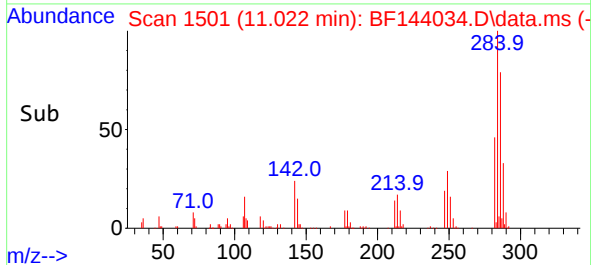
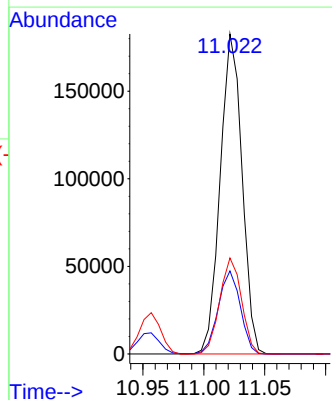
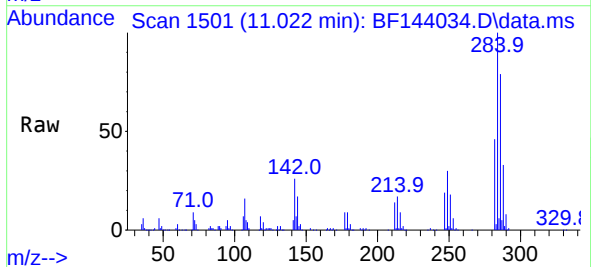
Manual Integrations
APPROVED

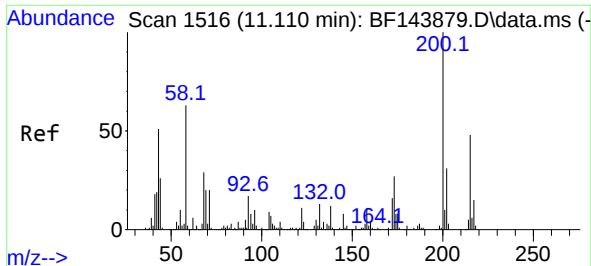
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#68
Hexachlorobenzene
Concen: 43.465 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

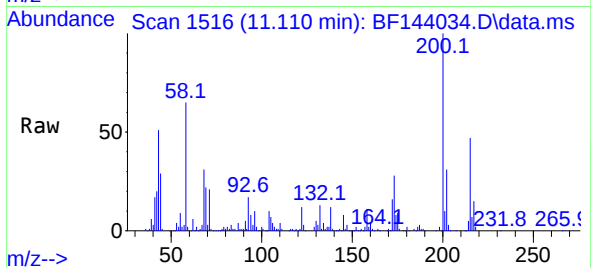
Tgt Ion:284 Resp: 227930
Ion Ratio Lower Upper
284 100
142 25.9 20.6 30.8
249 30.0 23.2 34.8





#69
Atrazine
Concen: 47.190 ng
RT: 11.110 min Scan# 1516
Delta R.T. -0.012 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

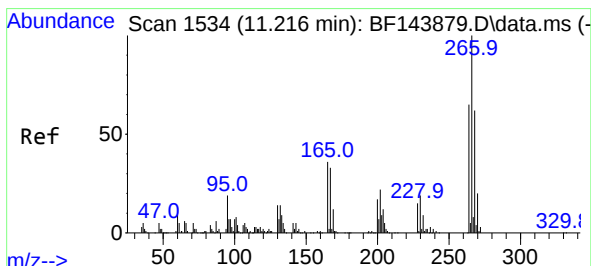
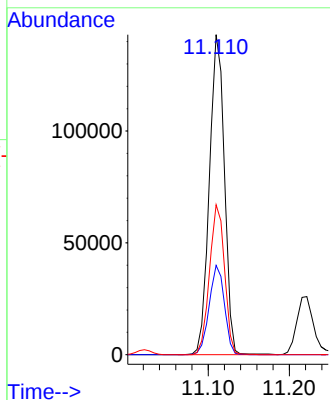
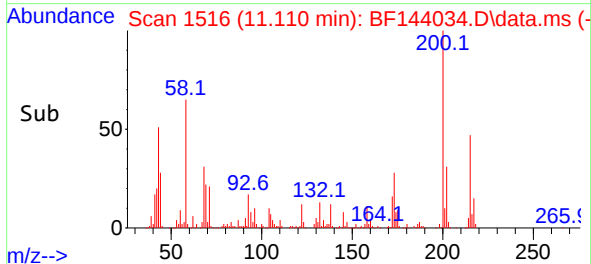
Instrument :
BNA_F
ClientSampleId :
PB170180BS



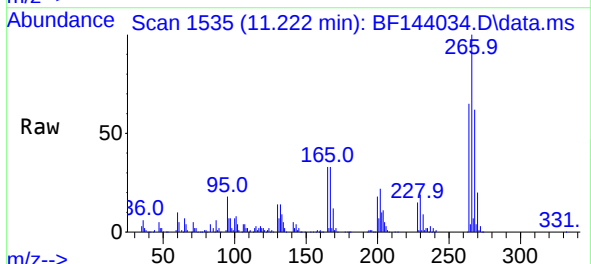
Tgt Ion:200 Resp: 184072
Ion Ratio Lower Upper
200 100
173 27.9 7.0 47.0
215 46.8 27.8 67.8

Manual Integrations
APPROVED

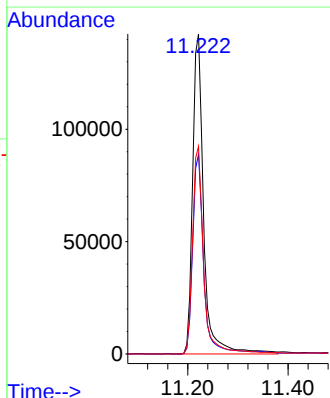
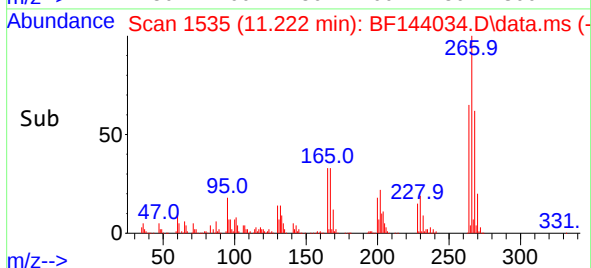
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

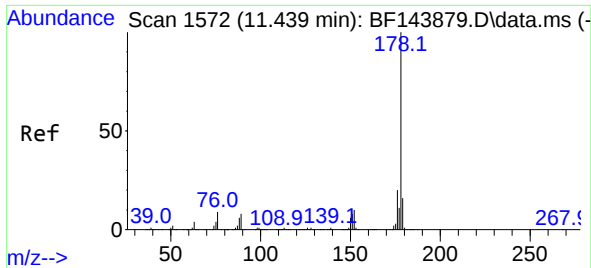


#70
Pentachlorophenol
Concen: 72.275 ng
RT: 11.222 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



Tgt Ion:266 Resp: 217677
Ion Ratio Lower Upper
266 100
268 62.4 49.4 74.0
264 64.9 51.8 77.6





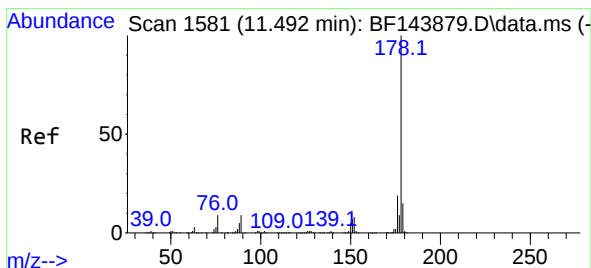
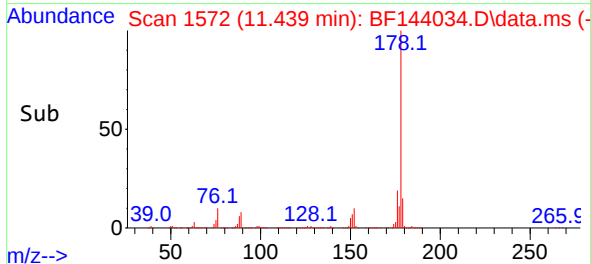
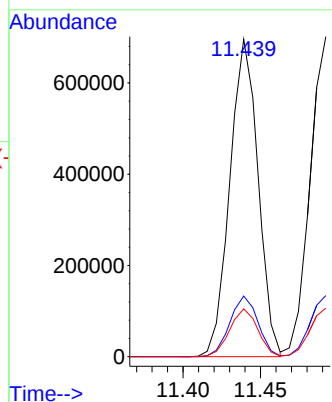
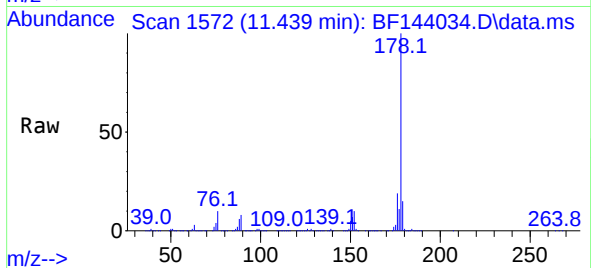
#71
Phenanthrene
Concen: 44.295 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :
BNA_F
ClientSampleId :
PB170180BS

Tgt Ion:178 Resp: 88015
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 15.1 12.4 18.6

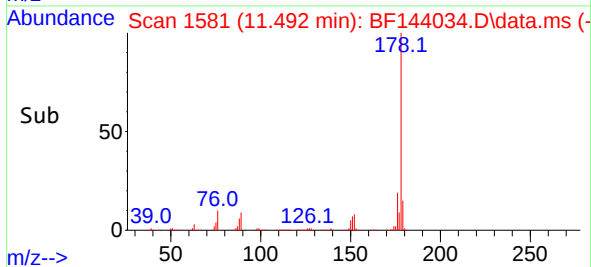
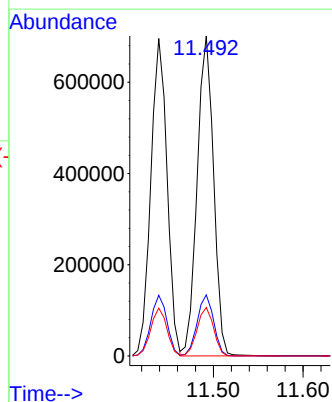
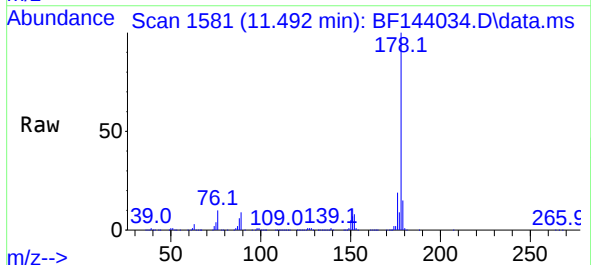
Manual Integrations
APPROVED

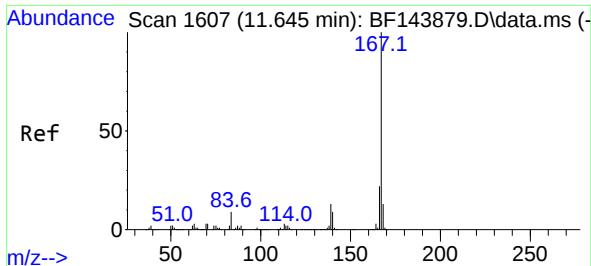
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#72
Anthracene
Concen: 44.364 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Tgt Ion:178 Resp: 890556
Ion Ratio Lower Upper
178 100
176 19.1 14.9 22.3
179 15.2 12.2 18.2





#73
 Carbazole
 Concen: 44.449 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF144034.D
 Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

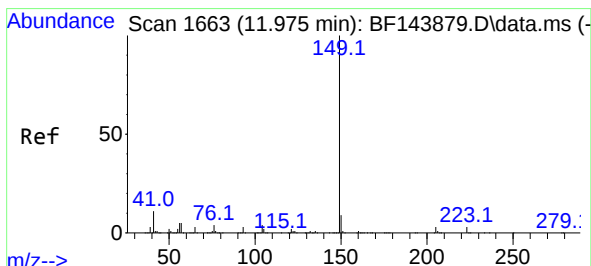
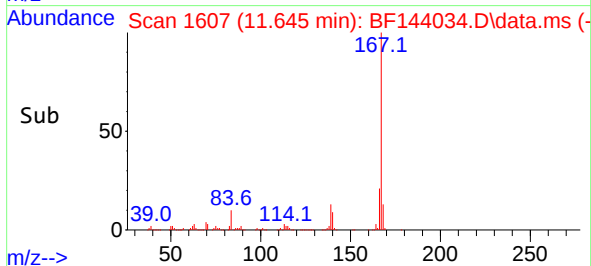
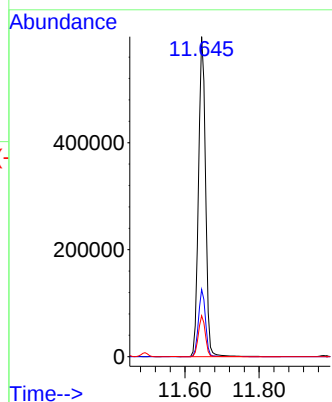
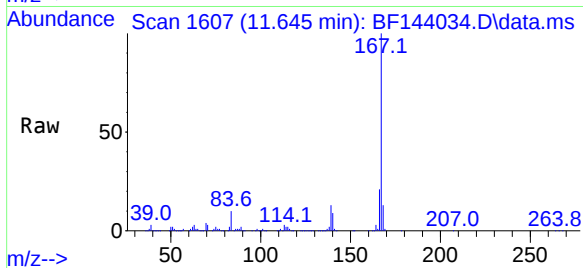
PB170180BS

Tgt Ion:167 Resp: 790245
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.2 25.8
 139 12.8 10.1 15.1

Manual Integrations

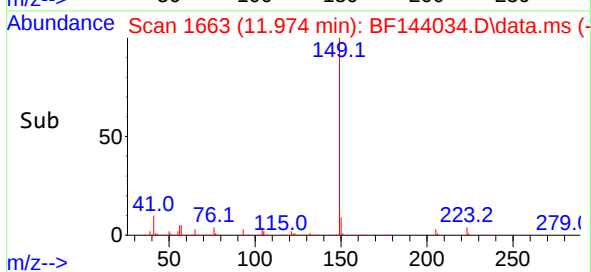
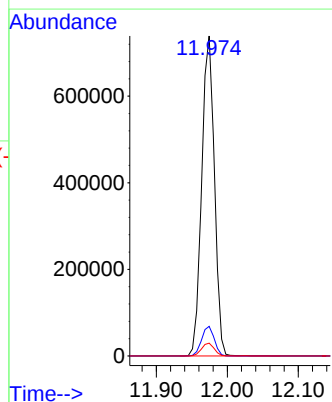
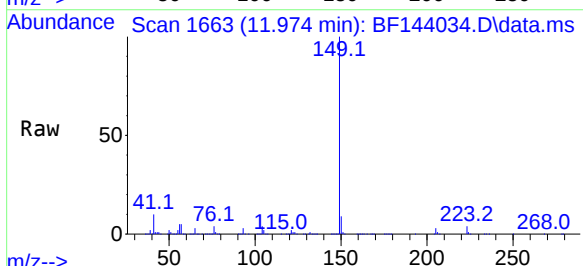
APPROVED

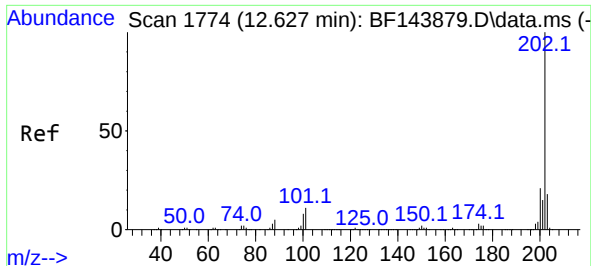
Reviewed By :Rahul Chavli 10/23/2025
 Supervised By :Jagrut Upadhyay 10/23/2025



#74
 Di-n-butylphthalate
 Concen: 44.696 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF144034.D
 Acq: 22 Oct 2025 11:23

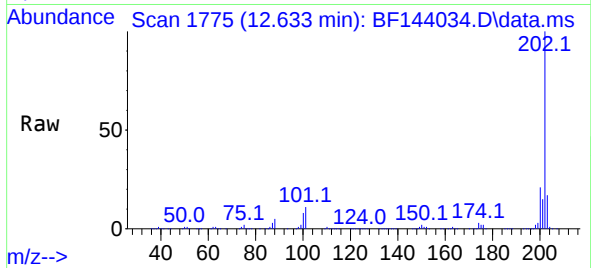
Tgt Ion:149 Resp: 920963
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.0 3.4 5.2





#75
Fluoranthene
Concen: 42.371 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

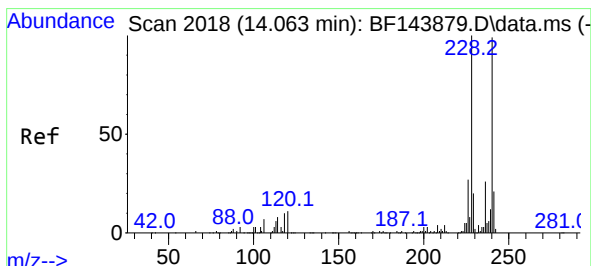
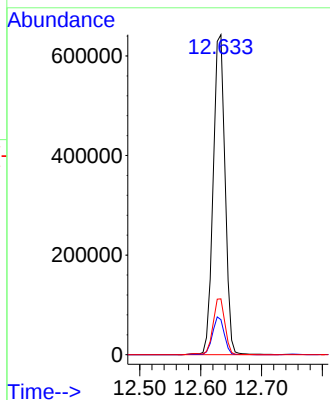
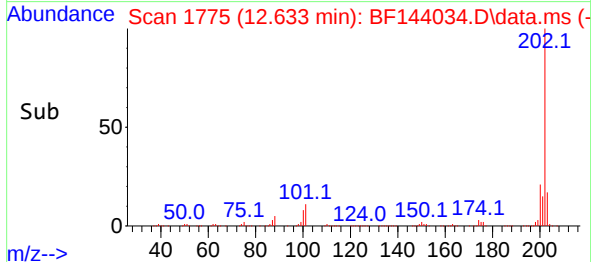
Instrument :
BNA_F
ClientSampleId :
PB170180BS



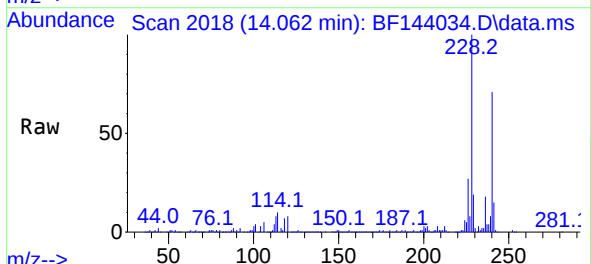
Tgt Ion:202 Resp: 869640
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.7
203 17.5 0.0 37.8

Manual Integrations
APPROVED

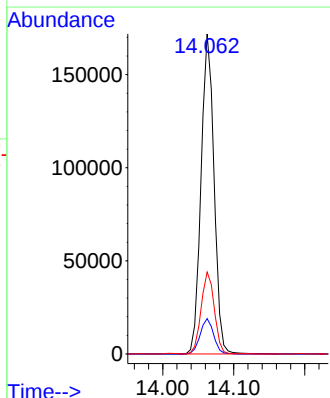
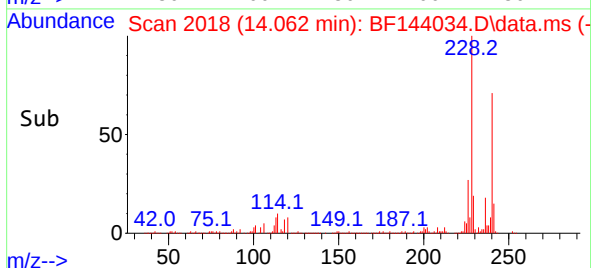
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

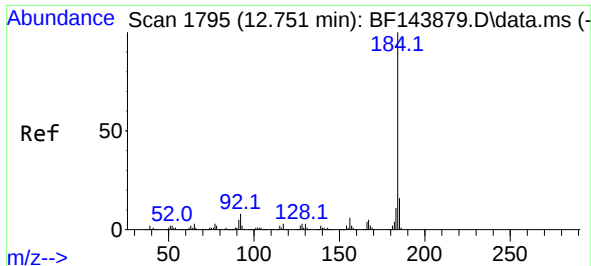


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



Tgt Ion:240 Resp: 219056
Ion Ratio Lower Upper
240 100
120 11.1 8.6 13.0
236 25.6 21.1 31.7





#77
Benzidine
Concen: 30.612 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

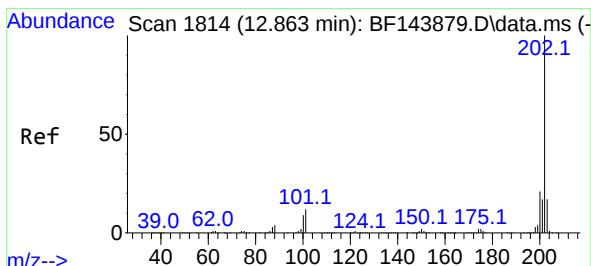
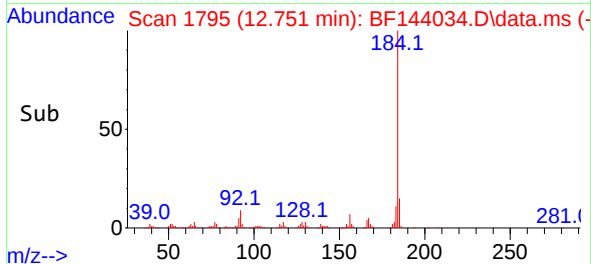
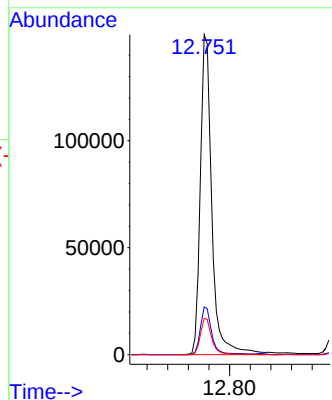
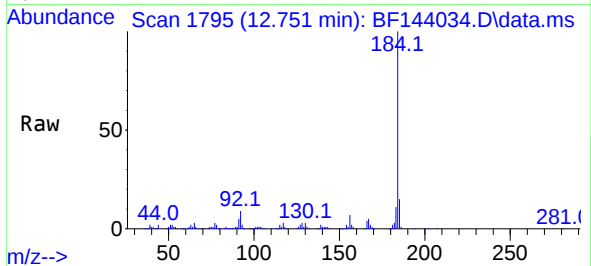
PB170180BS

Tgt Ion:184 Resp: 232839
Ion Ratio Lower Upper
184 100
185 14.9 12.6 18.8
183 11.4 8.8 13.2

Manual Integrations

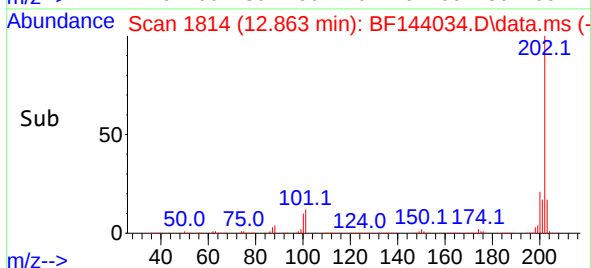
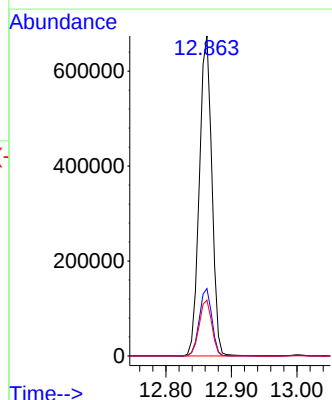
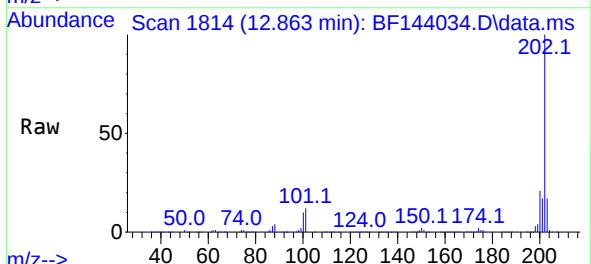
APPROVED

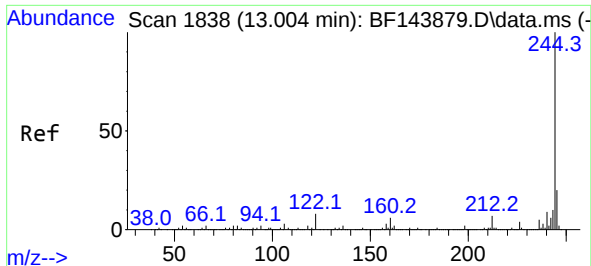
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#78
Pyrene
Concen: 49.051 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Tgt Ion:202 Resp: 895799
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.5 13.8 20.6





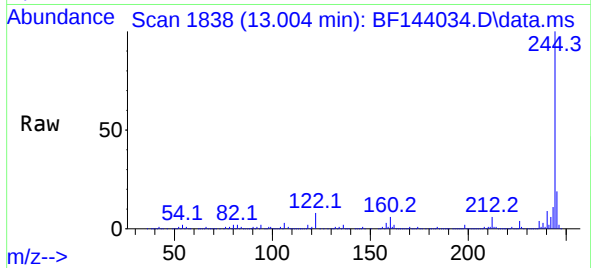
#79
Terphenyl-d14
Concen: 95.912 ng
RT: 13.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

PB170180BS



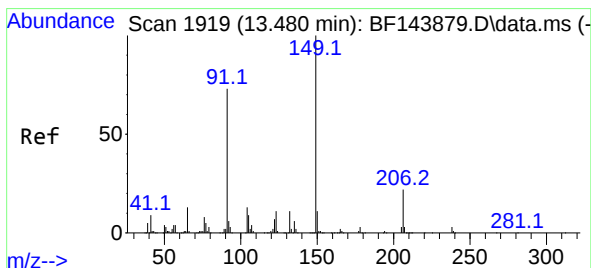
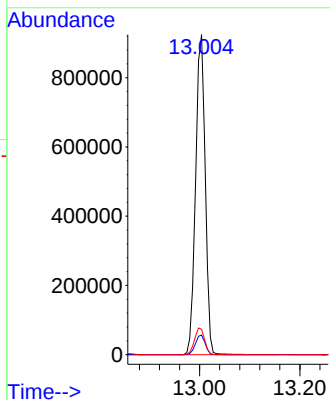
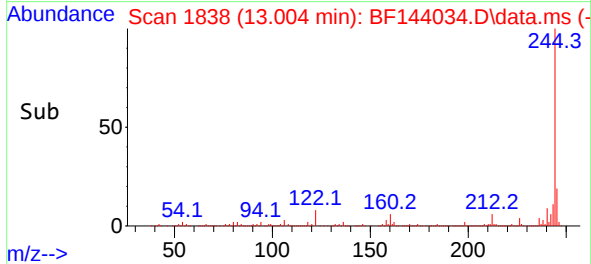
Tgt Ion:244 Resp: 1229329
Ion Ratio Lower Upper
244 100
212 6.1 5.4 8.0
122 8.0 6.4 9.6

Manual Integrations

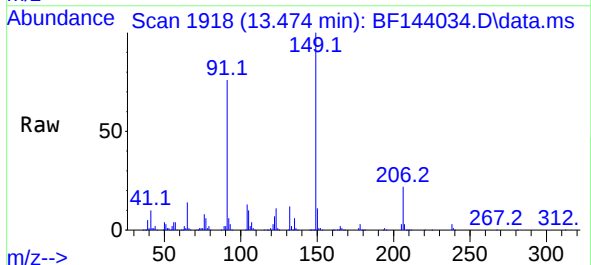
APPROVED

Reviewed By :Rahul Chavli 10/23/2025

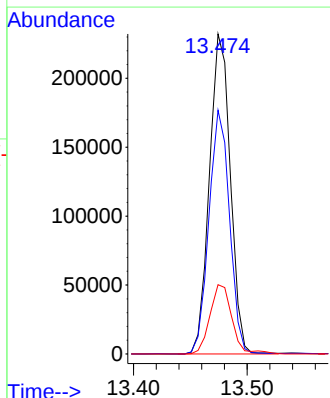
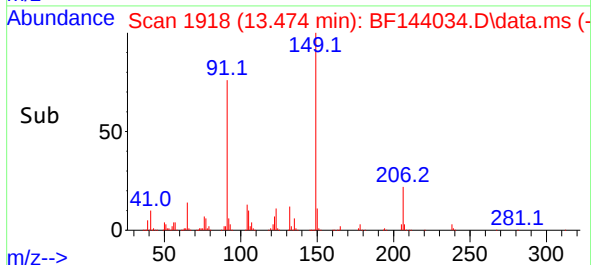
Supervised By :Jagrut Upadhyay 10/23/2025

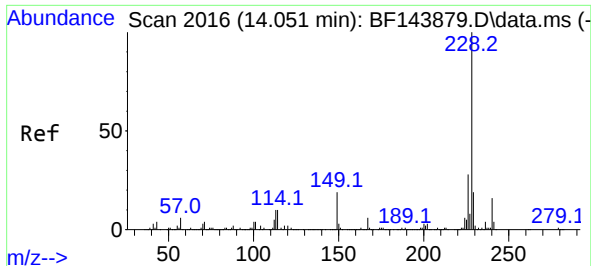


#80
Butylbenzylphthalate
Concen: 50.051 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



Tgt Ion:149 Resp: 296852
Ion Ratio Lower Upper
149 100
91 76.2 58.2 87.2
206 21.7 17.9 26.9





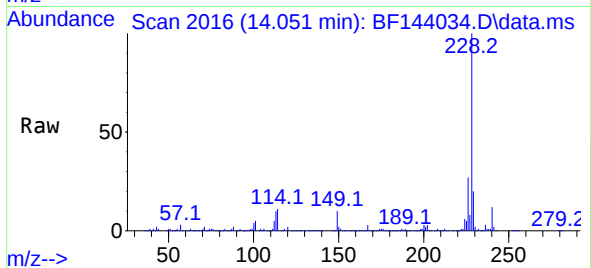
#81
Benzo(a)anthracene
Concen: 45.831 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

PB170180BS



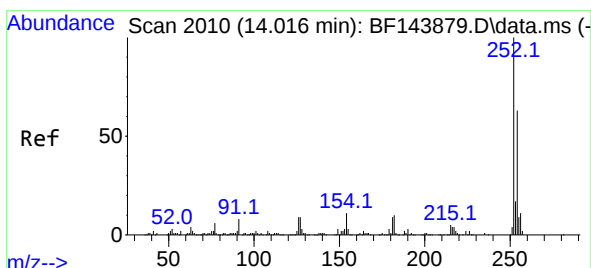
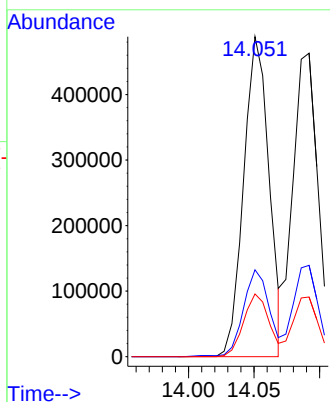
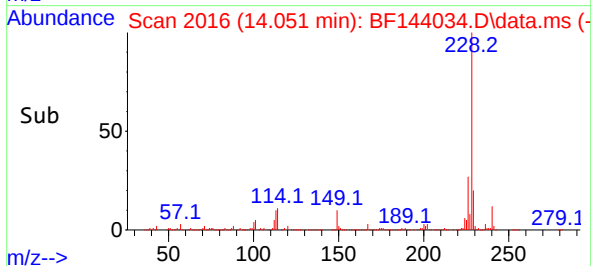
Tgt Ion:228 Resp: 656992
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.2
229 19.6 15.6 23.4

Manual Integrations

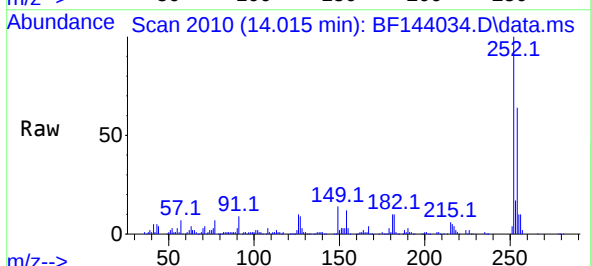
APPROVED

Reviewed By :Rahul Chavli 10/23/2025

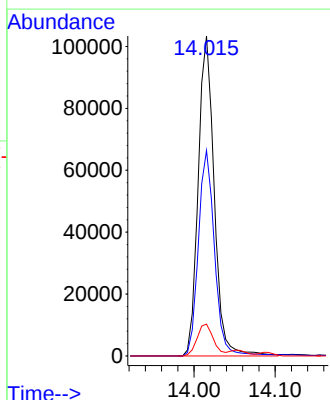
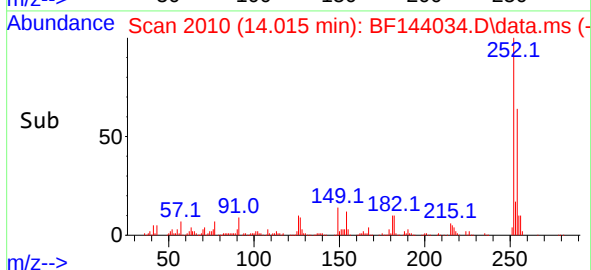
Supervised By :Jagrut Upadhyay 10/23/2025

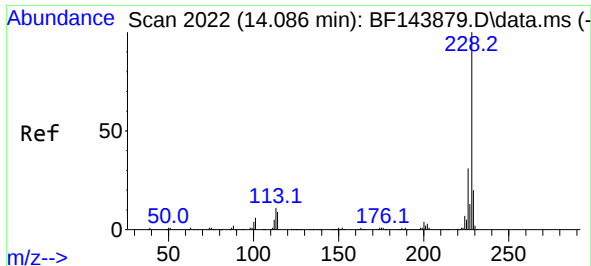


#82
3,3'-Dichlorobenzidine
Concen: 32.504 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23



Tgt Ion:252 Resp: 141998
Ion Ratio Lower Upper
252 100
254 64.2 50.6 76.0
126 10.0 7.0 10.6





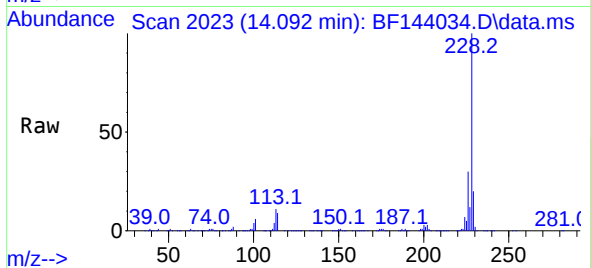
#83
Chrysene
Concen: 46.792 ng
RT: 14.092 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

PB170180BS

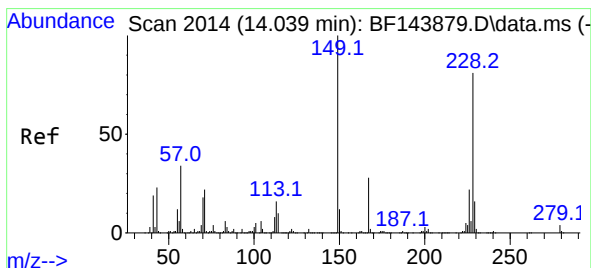
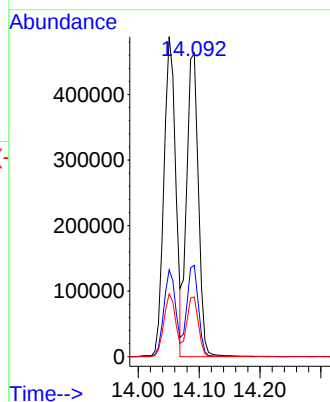
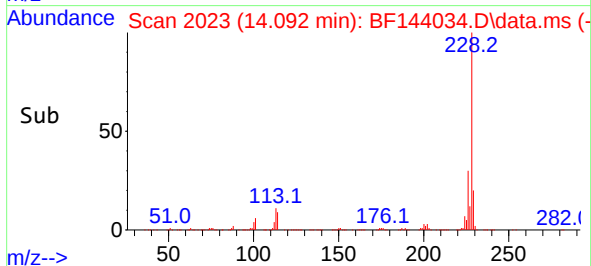


Tgt Ion:228 Resp: 62081
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 19.7 15.9 23.9

Manual Integrations

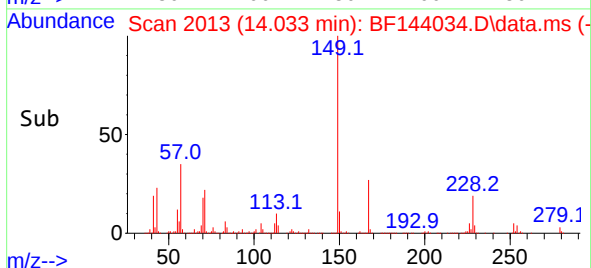
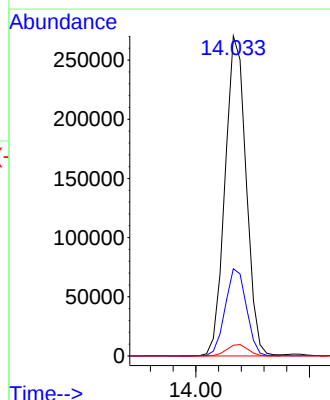
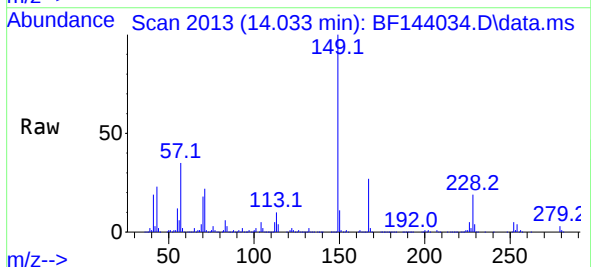
APPROVED

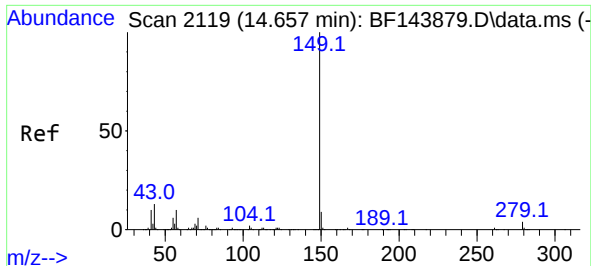
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.738 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

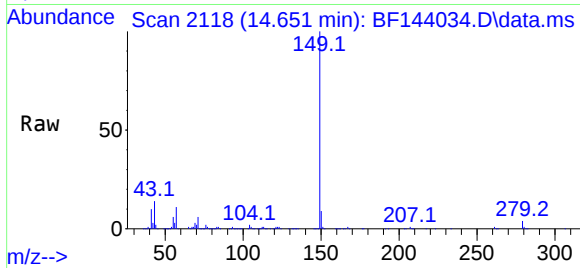
Tgt Ion:149 Resp: 348458
Ion Ratio Lower Upper
149 100
167 27.3 22.2 33.4
279 3.4 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 47.402 ng
RT: 14.651 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

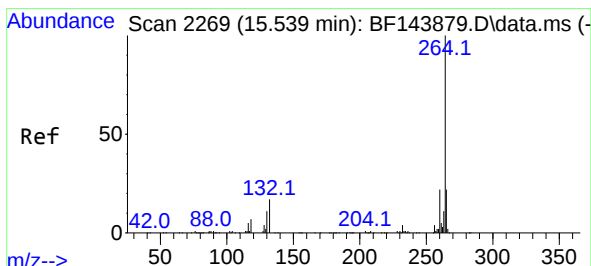
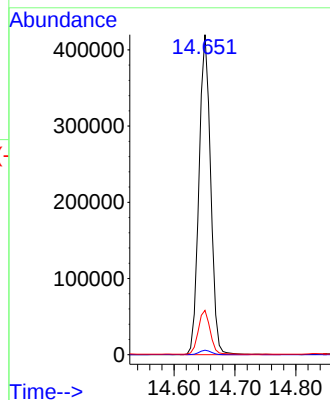
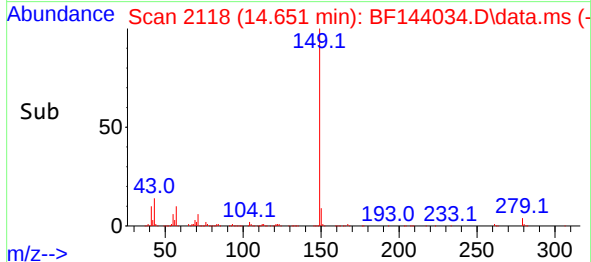
Instrument :
BNA_F
ClientSampleId :
PB170180BS



Tgt Ion:149 Resp: 556634
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 13.8 11.0 16.4

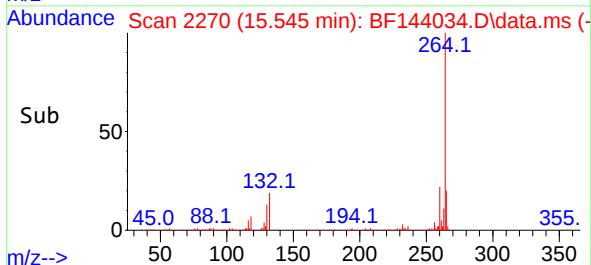
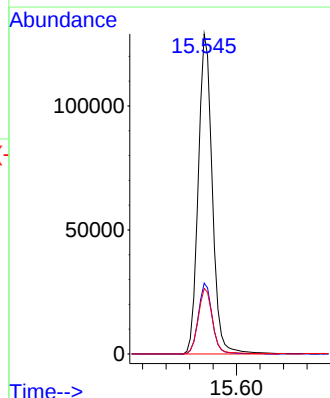
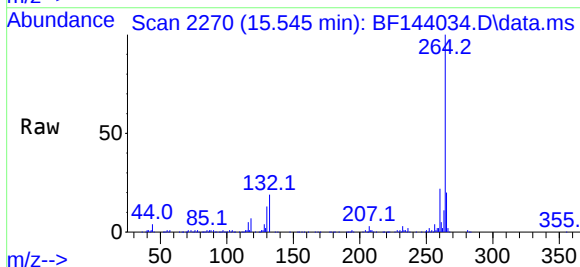
Manual Integrations
APPROVED

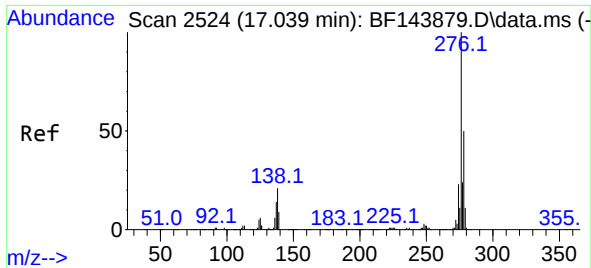
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Tgt Ion:264 Resp: 213561
Ion Ratio Lower Upper
264 100
260 22.1 17.8 26.8
265 20.5 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 56.623 ng
RT: 17.056 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

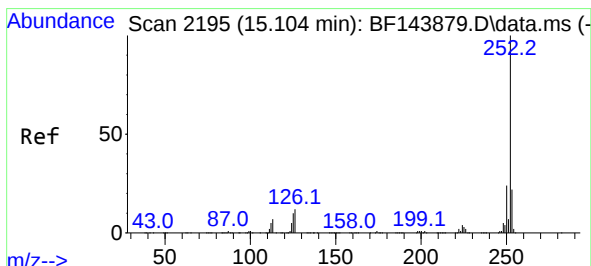
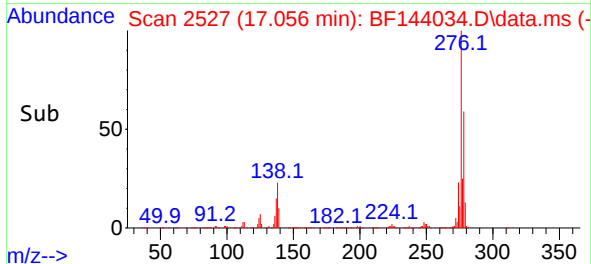
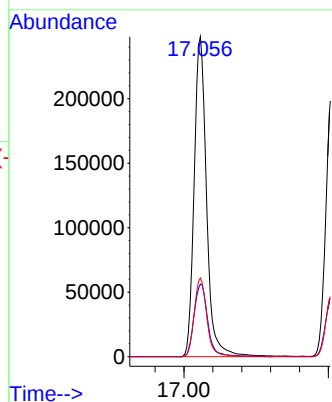
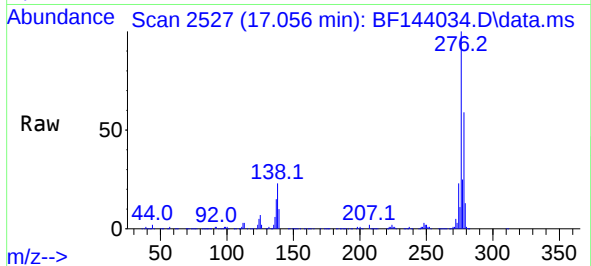
PB170180BS

Tgt Ion:276 Resp: 740950
Ion Ratio Lower Upper
276 100
138 25.0 18.2 27.2
277 24.8 19.8 29.6

Manual Integrations

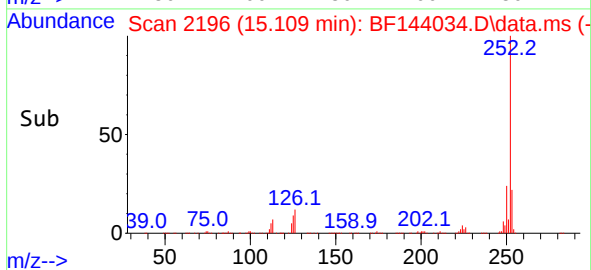
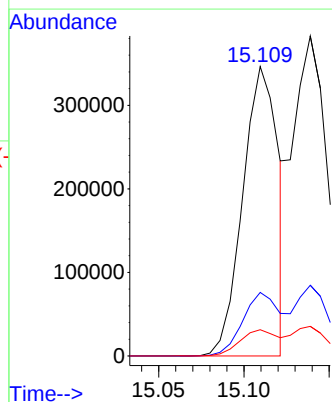
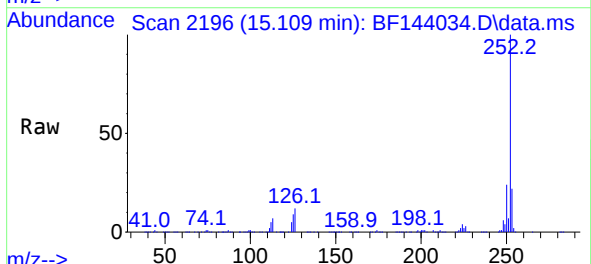
APPROVED

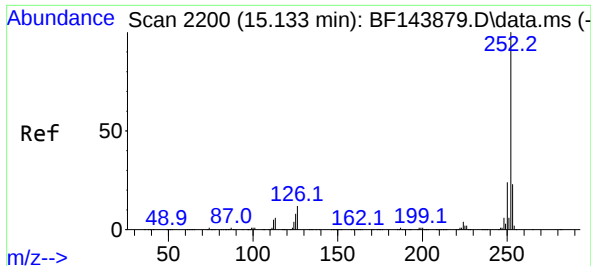
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#88
Benzo(b)fluoranthene
Concen: 40.788 ng
RT: 15.109 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Tgt Ion:252 Resp: 500371
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 9.1 7.8 11.6





#89
Benzo(k)fluoranthene
Concen: 41.132 ng
RT: 15.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

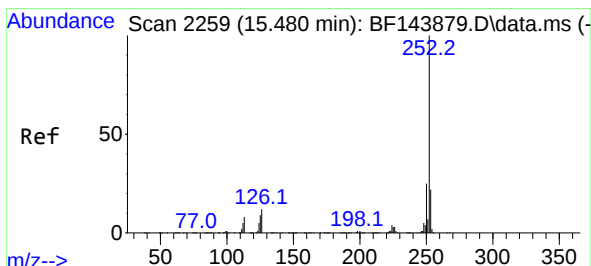
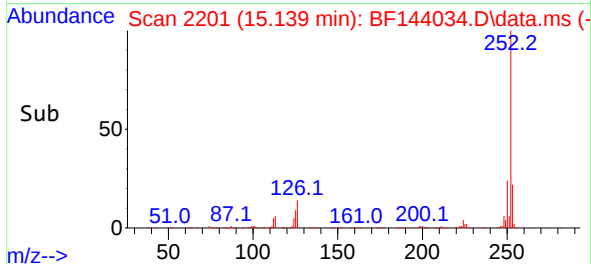
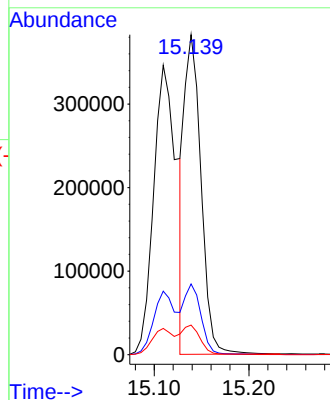
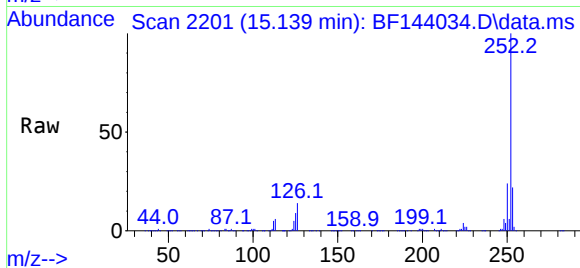
PB170180BS

Tgt Ion:252 Resp: 46690
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 9.2 7.4 11.2

Manual Integrations

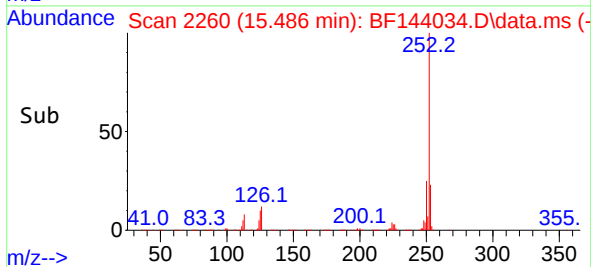
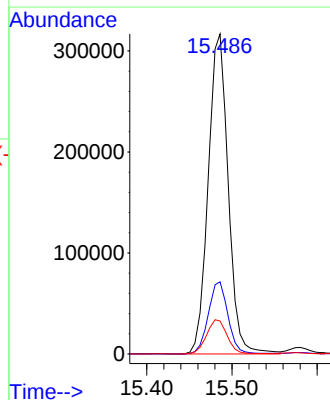
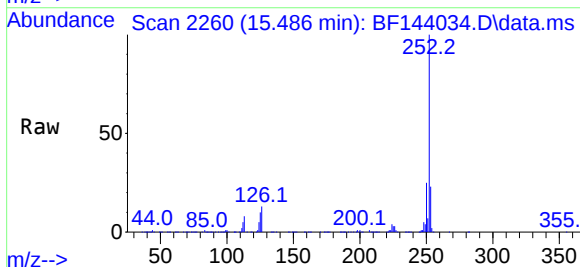
APPROVED

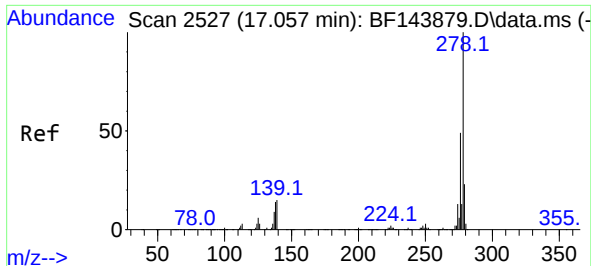
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#90
Benzo(a)pyrene
Concen: 48.572 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Tgt Ion:252 Resp: 516671
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 10.3 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 56.429 ng
RT: 17.068 min Scan# 2527
Delta R.T. -0.012 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Instrument :

BNA_F

ClientSampleId :

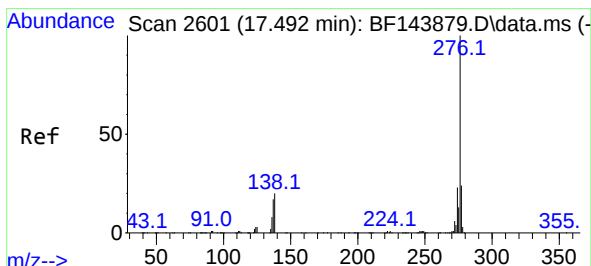
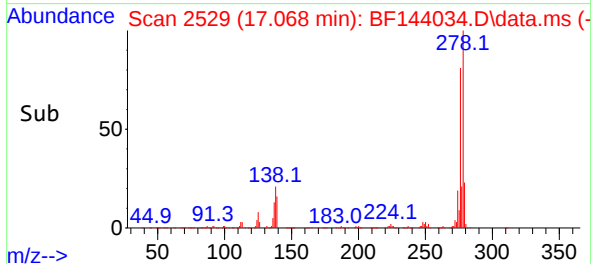
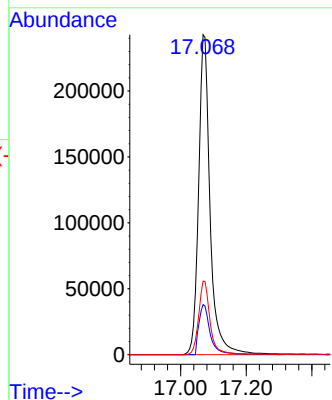
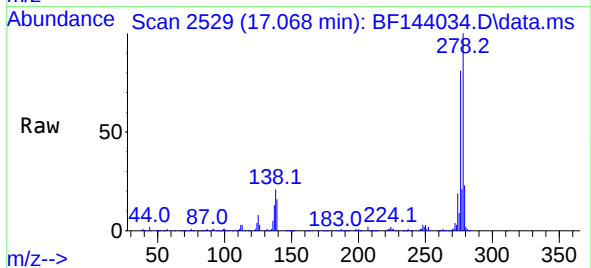
PB170180BS

Tgt Ion:278 Resp: 593880
Ion Ratio Lower Upper
278 100
139 15.7 11.7 17.5
279 23.0 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#92
Benzo(g,h,i)perylene
Concen: 57.212 ng
RT: 17.509 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF144034.D
Acq: 22 Oct 2025 11:23

Tgt Ion:276 Resp: 602133
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 22.7 16.1 24.1

