

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
 Data File : BF144011.D
 Acq On : 21 Oct 2025 14:26
 Operator : RC/JU
 Sample : PB170166BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170166BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/22/2025
 Supervised By :Jagrut Upadhyay 10/22/2025

Quant Time: Oct 21 15:00:24 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	143049	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	542097	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	303383	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	514428	20.00	ng	0.00
76) Chrysene-d12	14.063	240	294228	20.00	ng	0.00
86) Perylene-d12	15.545	264	269889	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1041896	115.66	ng	0.01
7) Phenol-d6	6.510	99	1253720	116.76	ng	0.00
23) Nitrobenzene-d5	7.445	82	787738	88.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	402650	133.25	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1485429	77.69	ng	-0.01
79) Terphenyl-d14	13.004	244	1611319	93.60	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	158920	38.12	ng	97
3) Pyridine	3.505	79	467089	38.49	ng	98
4) n-Nitrosodimethylamine	3.457	42	285455	44.72	ng	96
6) Aniline	6.545	93	507019	31.51	ng	96
8) 2-Chlorophenol	6.669	128	394908	44.85	ng	98
9) Benzaldehyde	6.434	77	224672	27.12	ng	99
10) Phenol	6.528	94	565688	44.07	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	437711	44.14	ng	96
12) 1,3-Dichlorobenzene	6.822	146	460179	43.66	ng	99
13) 1,4-Dichlorobenzene	6.898	146	458450	44.09	ng	99
14) 1,2-Dichlorobenzene	7.051	146	451221	45.31	ng	99
15) Benzyl Alcohol	7.022	79	383545	47.67	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1034514	45.83	ng	100
17) 2-Methylphenol	7.134	107	331138	45.50	ng	99
18) Hexachloroethane	7.392	117	151068	43.57	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	320210	43.57	ng	100
20) 3+4-Methylphenols	7.287	107	370409	43.92	ng	# 78
22) Acetophenone	7.293	105	550722	48.05	ng	96
24) Nitrobenzene	7.463	77	464227	46.85	ng	98
25) Isophorone	7.704	82	867511	46.11	ng	99
26) 2-Nitrophenol	7.781	139	229883	54.11	ng	97
27) 2,4-Dimethylphenol	7.816	122	382833	50.10	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	551455	46.40	ng	99
29) 2,4-Dichlorophenol	8.022	162	368392	46.28	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	373675	47.73	ng	99
31) Naphthalene	8.187	128	1092595	44.31	ng	99
32) Benzoic acid	7.951	122	289503	54.74	ng	98
33) 4-Chloroaniline	8.234	127	151347	16.36	ng	98
34) Hexachlorobutadiene	8.304	225	243818	44.82	ng	98
35) Caprolactam	8.610	113	122046m	48.22	ng	
36) 4-Chloro-3-methylphenol	8.716	107	353031	46.17	ng	99
37) 2-Methylnaphthalene	8.881	142	683796	41.63	ng	99
38) 1-Methylnaphthalene	8.981	142	693649	43.54	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	403668	48.14	ng	99
41) Hexachlorocyclopentadiene	9.034	237	378037	108.67	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	273315	44.61	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	300310	46.38	ng	99
46) 1,1'-Biphenyl	9.345	154	969032	48.24	ng	100
47) 2-Chloronaphthalene	9.369	162	742619	44.34	ng	97
48) 2-Nitroaniline	9.463	65	261709	49.43	ng	98
49) Acenaphthylene	9.786	152	1174680	49.89	ng	100
50) Dimethylphthalate	9.645	163	892205	46.31	ng	99
51) 2,6-Dinitrotoluene	9.710	165	187841	52.58	ng	96
52) Acenaphthene	9.957	154	724010	46.93	ng	99
53) 3-Nitroaniline	9.881	138	125615	28.72	ng	97
54) 2,4-Dinitrophenol	9.986	184	195686	88.04	ng	91
55) Dibenzofuran	10.133	168	957500	43.97	ng	98
56) 4-Nitrophenol	10.045	139	289721	87.47	ng	97
57) 2,4-Dinitrotoluene	10.116	165	257883	53.05	ng	98
58) Fluorene	10.475	166	734096	44.67	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	221268	48.28	ng	97
60) Diethylphthalate	10.345	149	819628	45.79	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	385490	44.37	ng	98
62) 4-Nitroaniline	10.498	138	199147	47.34	ng	95
63) Azobenzene	10.628	77	866985	46.35	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	143666	55.57	ng	98
66) n-Nitrosodiphenylamine	10.586	169	741697	45.92	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	254094	44.69	ng	99
68) Hexachlorobenzene	11.022	284	302432	45.95	ng	99
69) Atrazine	11.116	200	241090	49.24	ng	98
70) Pentachlorophenol	11.222	266	323274	85.52	ng	97
71) Phenanthrene	11.439	178	1131472	45.37	ng	100
72) Anthracene	11.492	178	1132576	44.95	ng	99
73) Carbazole	11.645	167	1005015	45.04	ng	100
74) Di-n-butylphthalate	11.975	149	1227652	47.47	ng	100
75) Fluoranthene	12.633	202	1160588	45.05	ng	99
77) Benzidine	12.751	184	276908	27.10	ng	98
78) Pyrene	12.863	202	1182316	48.20	ng	100
80) Butylbenzylphthalate	13.480	149	423233	53.13	ng	99
81) Benzo(a)anthracene	14.051	228	959279	49.82	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	155849	26.56	ng	99
83) Chrysene	14.092	228	807482	45.31	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	488485	50.87	ng	99
85) Di-n-octyl phthalate	14.651	149	740855	46.97	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	866365	52.39	ng	97
88) Benzo(b)fluoranthene	15.110	252	793165	51.16	ng	99
89) Benzo(k)fluoranthene	15.139	252	634319	44.22	ng	99
90) Benzo(a)pyrene	15.480	252	665215	49.48	ng	97
91) Dibenzo(a,h)anthracene	17.068	278	703017	52.86	ng	99
92) Benzo(g,h,i)perylene	17.509	276	711157	53.47	ng	98

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

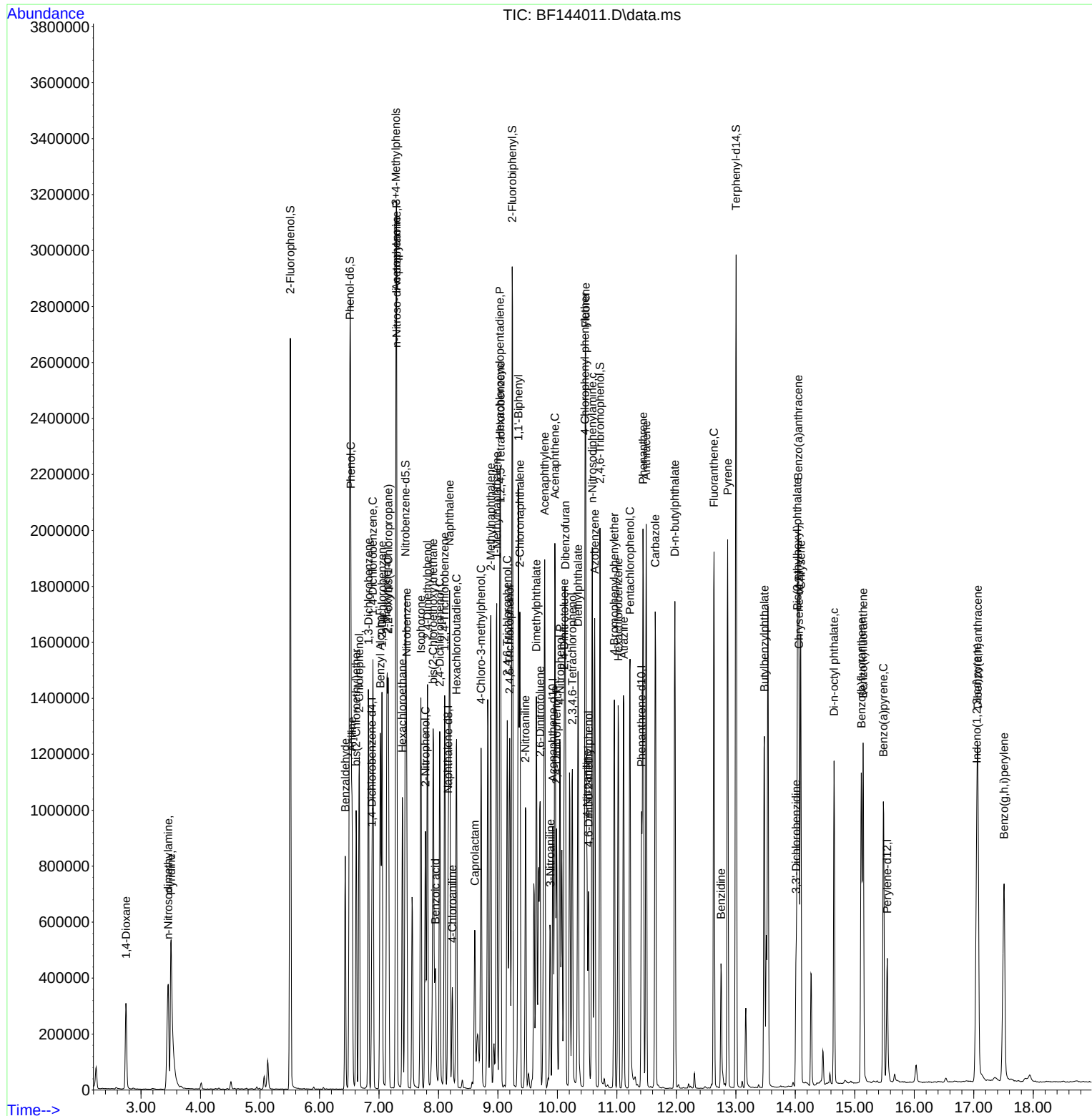
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
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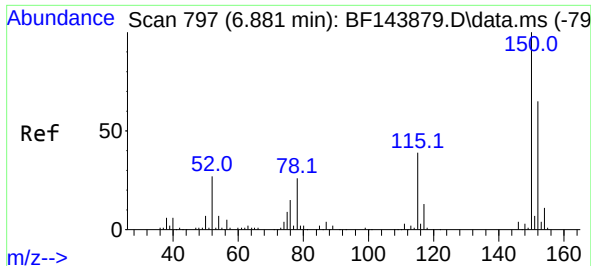
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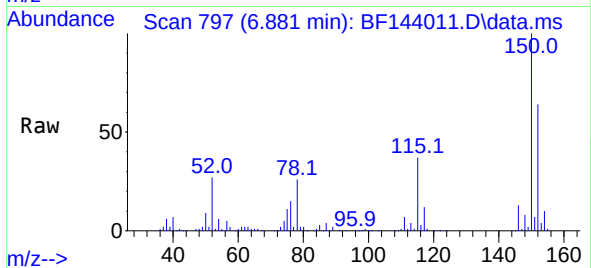
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

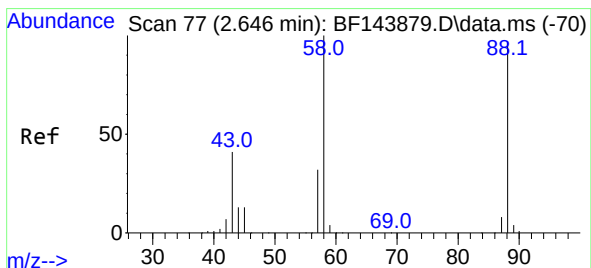
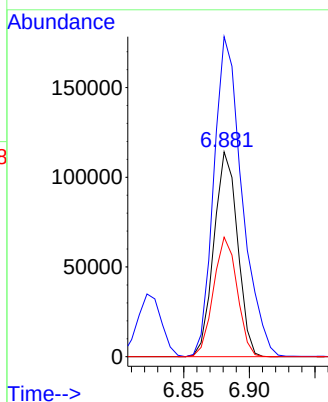
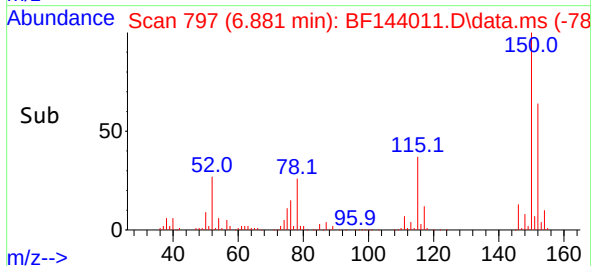
Instrument :
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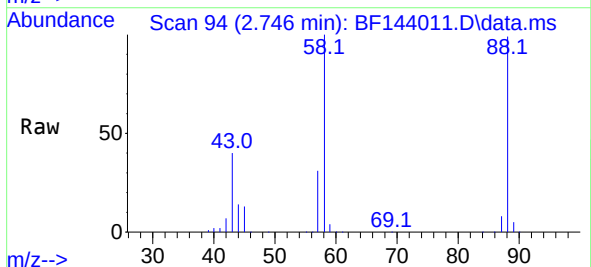
Tgt Ion:152 Resp: 143049
Ion Ratio Lower Upper
152 100
150 156.2 124.4 186.6
115 58.4 48.1 72.1

Manual Integrations
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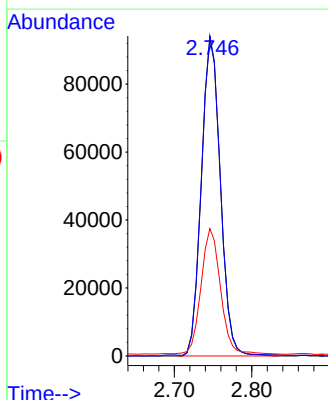
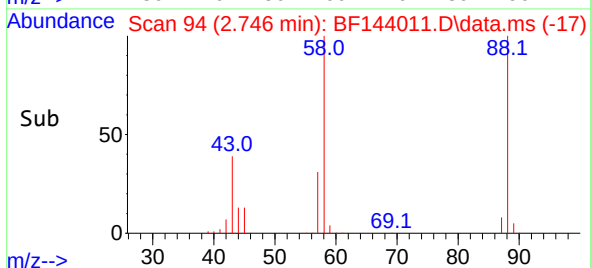
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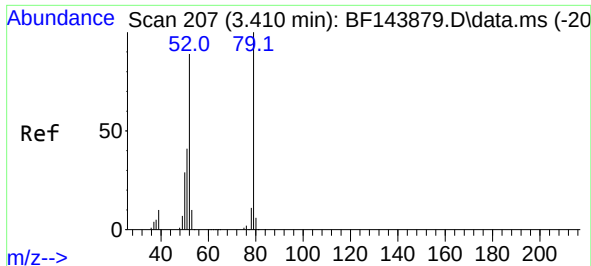


#2
1,4-Dioxane
Concen: 38.12 ng
RT: 2.746 min Scan# 94
Delta R.T. 0.100 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



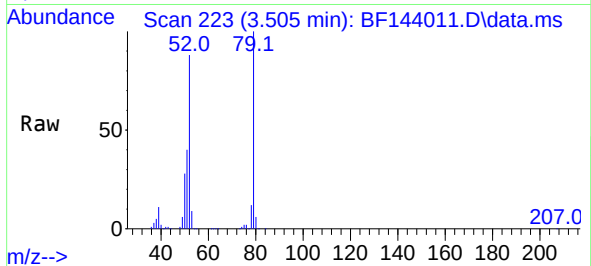
Tgt Ion: 88 Resp: 158920
Ion Ratio Lower Upper
88 100
58 100.3 83.0 124.6
43 40.8 33.9 50.9





#3
Pyridine
Concen: 38.49 ng
RT: 3.505 min Scan# 215
Delta R.T. 0.088 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

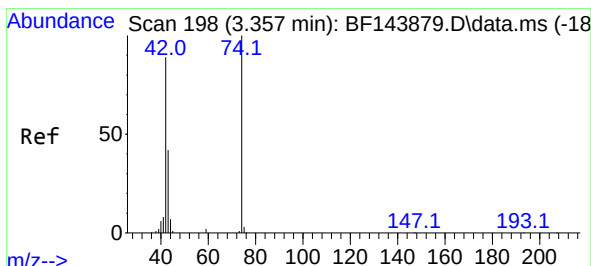
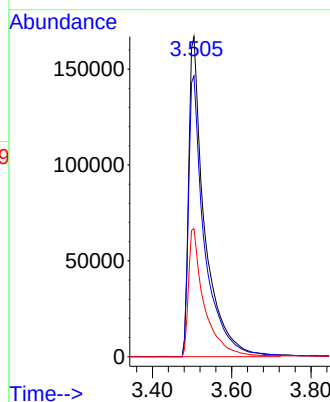
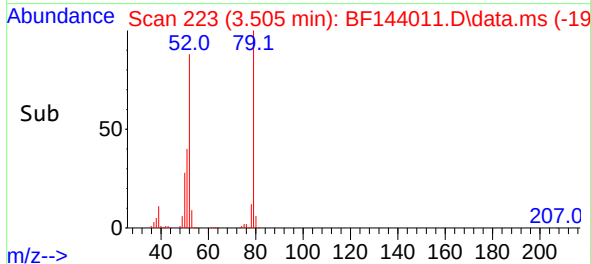
Instrument :
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ClientSampleId :
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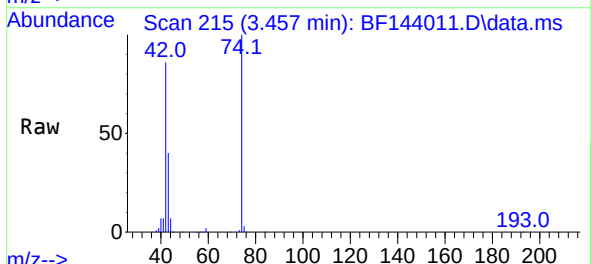
Tgt Ion: 79 Resp: 467089
Ion Ratio Lower Upper
79 100
52 87.8 71.5 107.3
51 40.0 32.9 49.3

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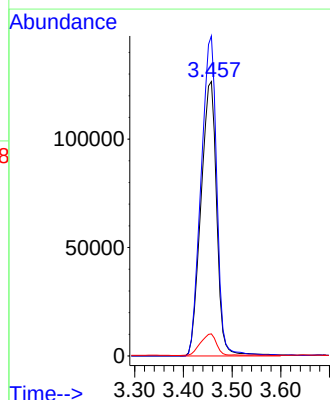
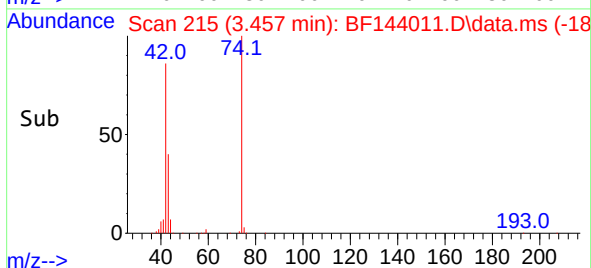
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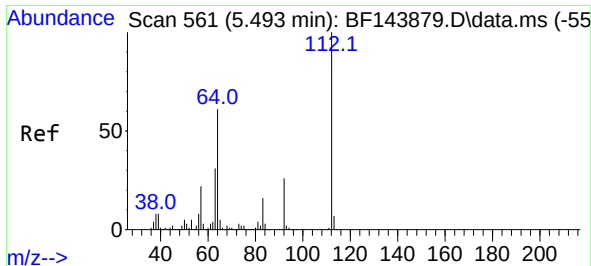


#4
n-Nitrosodimethylamine
Concen: 44.72 ng
RT: 3.457 min Scan# 215
Delta R.T. 0.071 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



Tgt Ion: 42 Resp: 285455
Ion Ratio Lower Upper
42 100
74 116.6 90.0 135.0
44 8.0 6.2 9.2





#5
2-Fluorophenol
Concen: 115.66 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

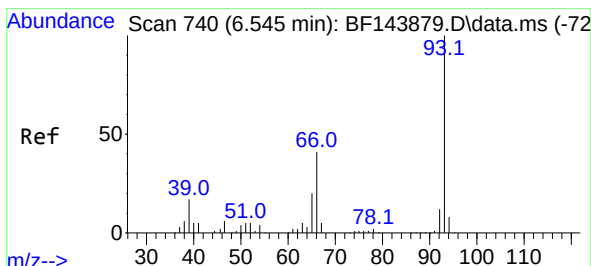
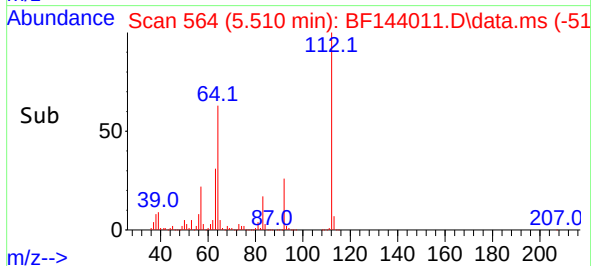
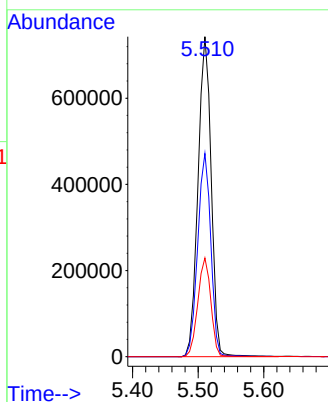
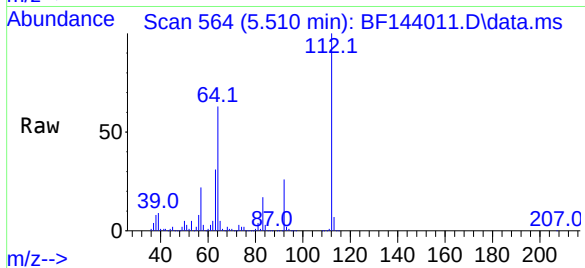
PB170166BS

Tgt Ion:112 Resp: 1041890
Ion Ratio Lower Upper
112 100
64 63.5 49.1 73.7
63 30.8 24.5 36.7

Manual Integrations

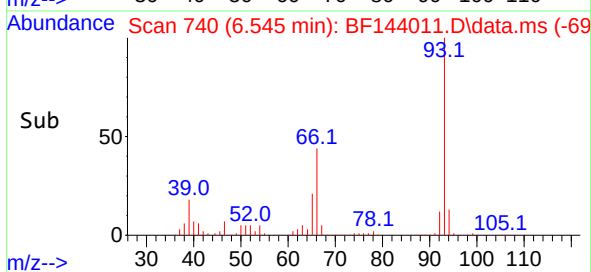
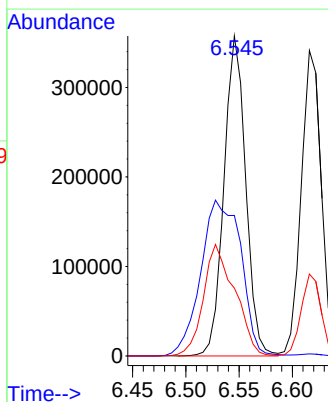
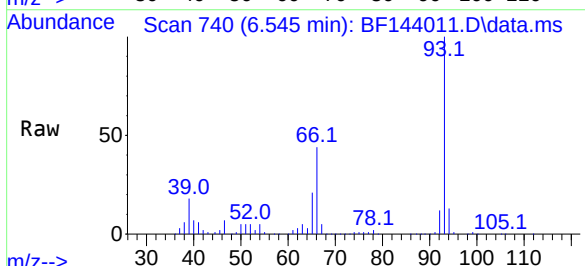
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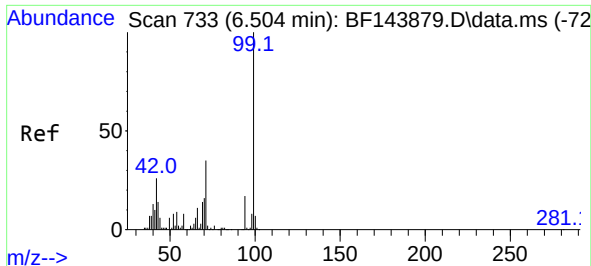
Reviewed By :Rahul Chavli 10/22/2025
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#6
Aniline
Concen: 31.51 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF144011.D
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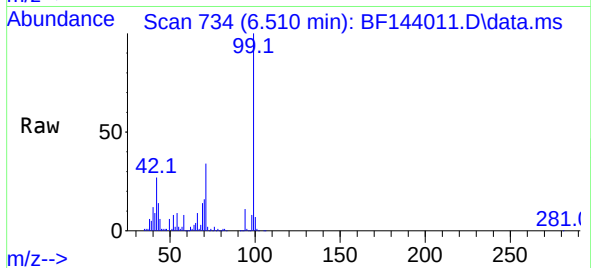
Tgt Ion: 93 Resp: 507019
Ion Ratio Lower Upper
93 100
66 43.9 33.0 49.6
65 21.2 15.8 23.8





#7
Phenol-d6
Concen: 116.76 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

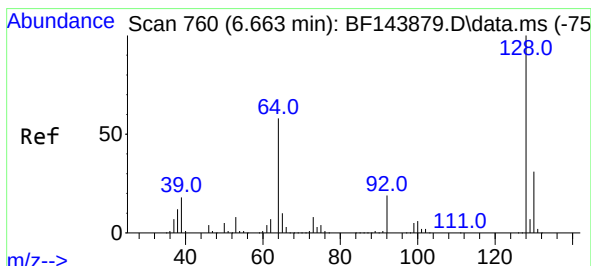
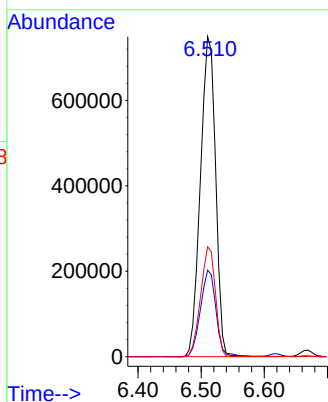
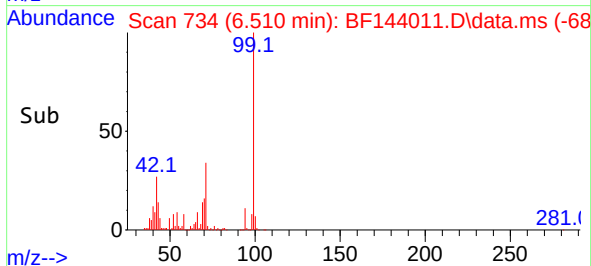
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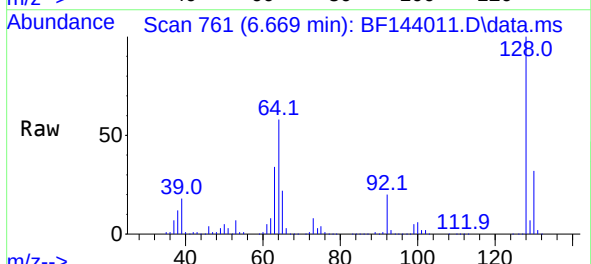
Tgt Ion: 99 Resp: 1253720
Ion Ratio Lower Upper
99 100
42 27.0 21.0 31.4
71 34.3 27.8 41.8

Manual Integrations
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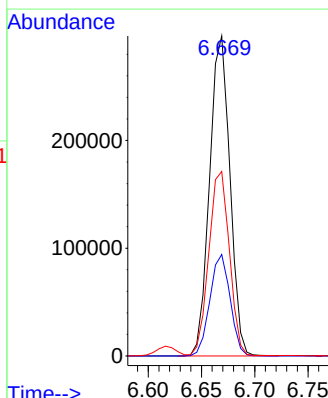
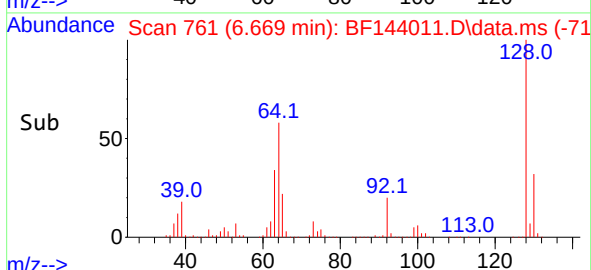
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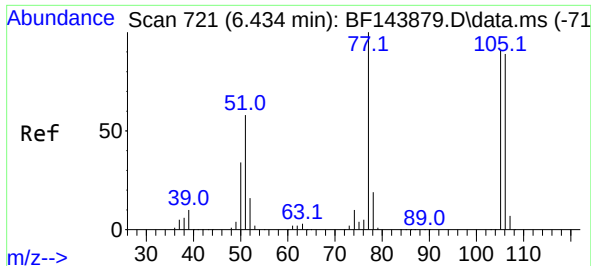


#8
2-Chlorophenol
Concen: 44.85 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



Tgt Ion:128 Resp: 394908
Ion Ratio Lower Upper
128 100
130 31.7 10.7 50.7
64 57.7 39.0 79.0





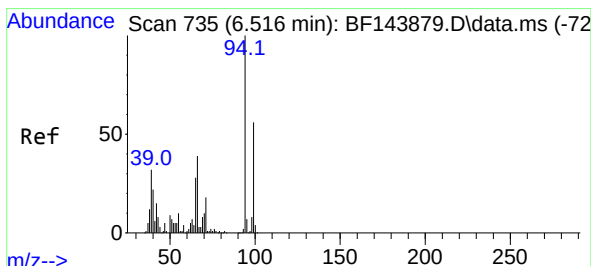
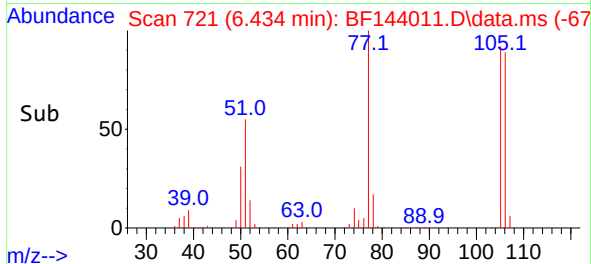
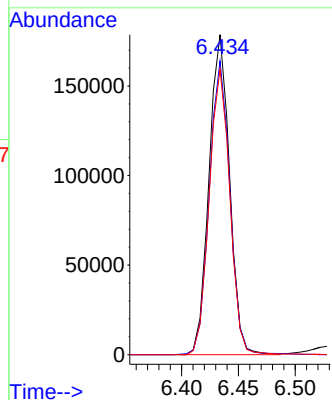
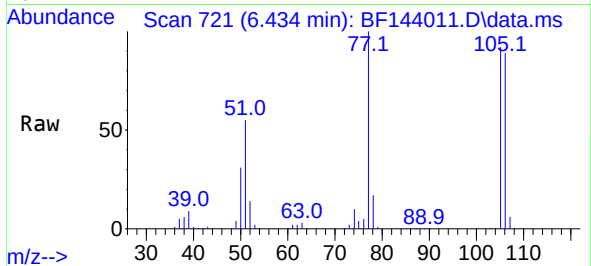
#9
Benzaldehyde
Concen: 27.12 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144011.D
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Tgt Ion: 77 Resp: 224672
Ion Ratio Lower Upper
77 100
105 91.8 70.9 110.9
106 89.1 68.9 108.9

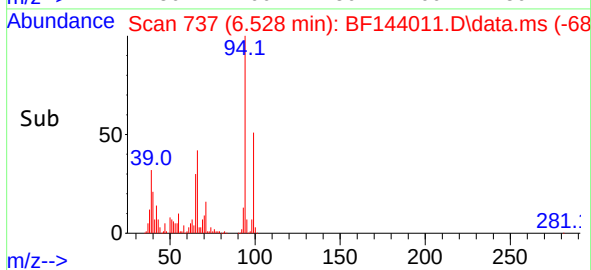
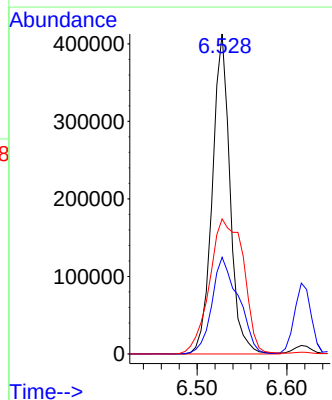
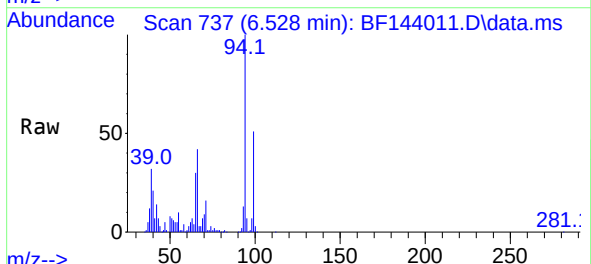
Manual Integrations
APPROVED

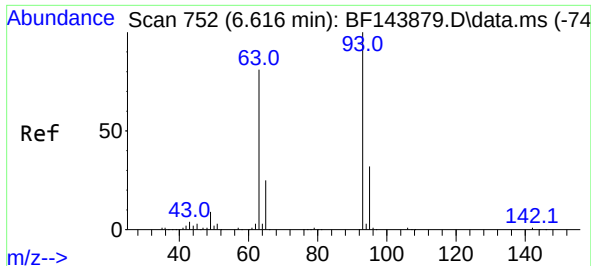
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#10
Phenol
Concen: 44.07 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Tgt Ion: 94 Resp: 565688
Ion Ratio Lower Upper
94 100
65 30.2 8.5 48.5
66 42.2 19.9 59.9





#11
bis(2-Chloroethyl)ether
Concen: 44.14 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

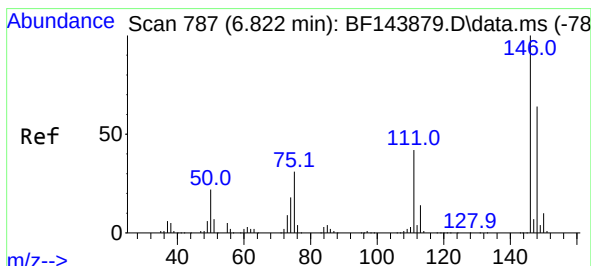
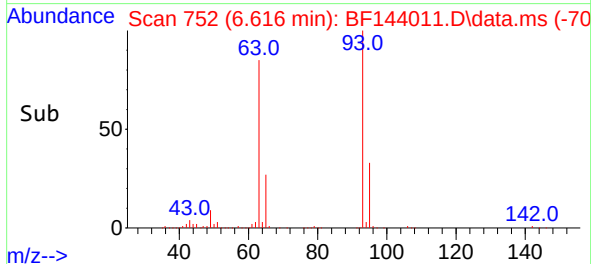
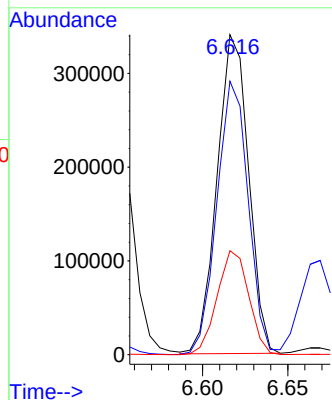
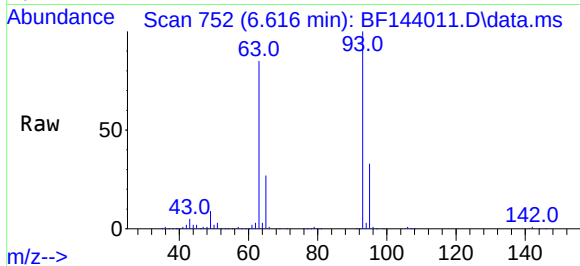
PB170166BS

Tgt Ion: 93 Resp: 43771
Ion Ratio Lower Upper
93 100
63 85.5 60.9 100.9
95 32.5 11.5 51.5

Manual Integrations

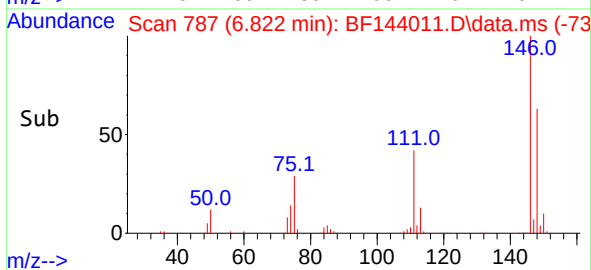
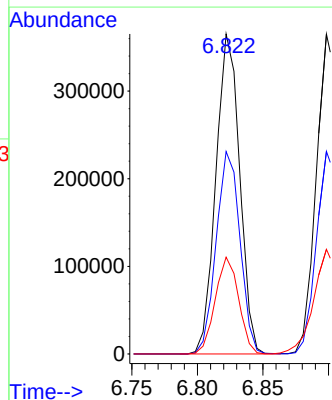
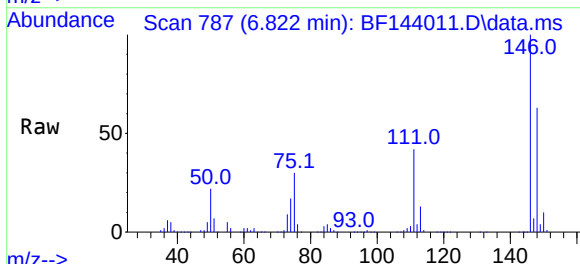
APPROVED

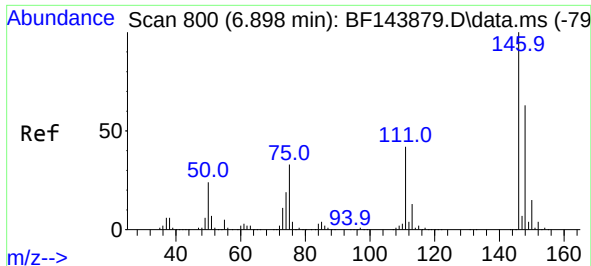
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#12
1,3-Dichlorobenzene
Concen: 43.66 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Tgt Ion:146 Resp: 460179
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.4
75 30.3 24.9 37.3





#13
1,4-Dichlorobenzene
Concen: 44.09 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

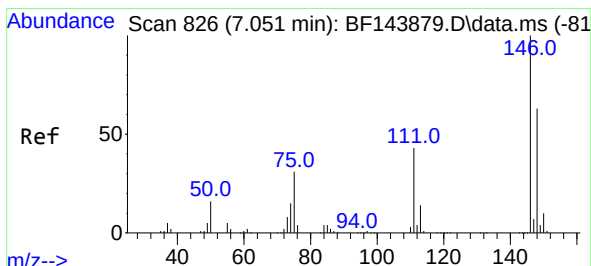
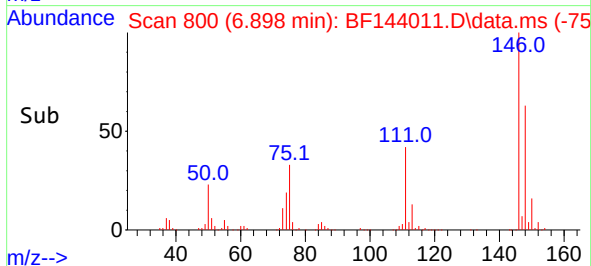
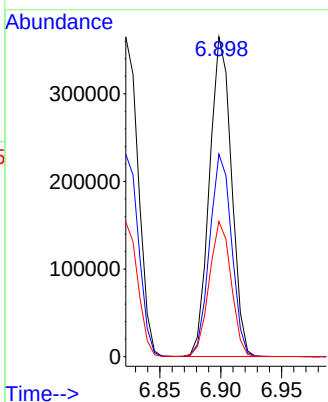
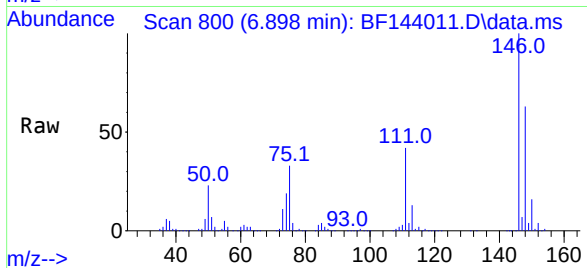
PB170166BS

Tgt Ion:146 Resp: 458450
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
111 42.3 33.4 50.0

Manual Integrations

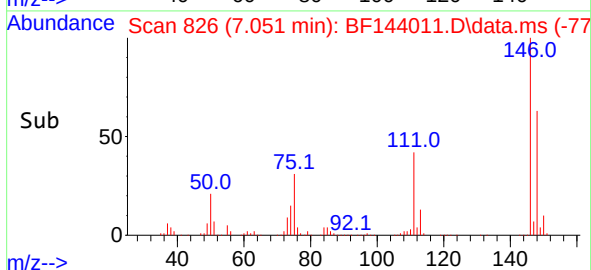
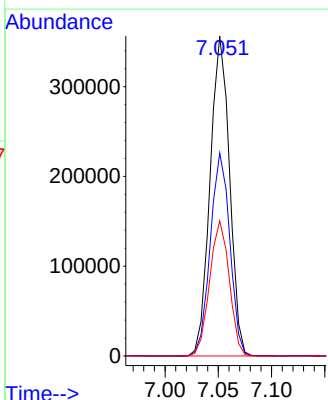
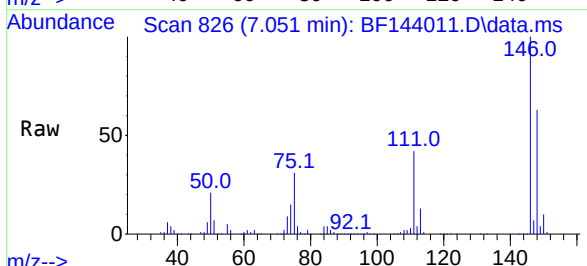
APPROVED

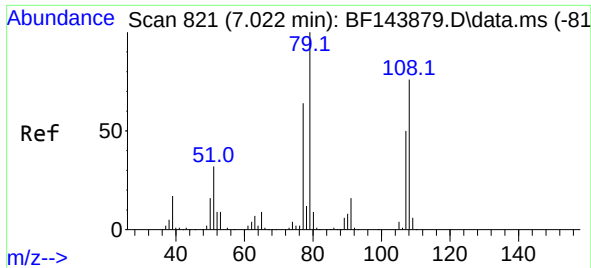
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#14
1,2-Dichlorobenzene
Concen: 45.31 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

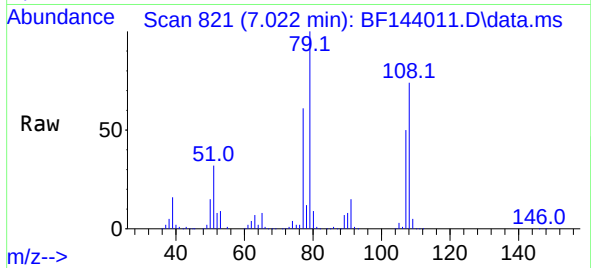
Tgt Ion:146 Resp: 451221
Ion Ratio Lower Upper
146 100
148 63.5 50.6 75.8
111 42.2 34.6 51.8





#15
Benzyl Alcohol
Concen: 47.67 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

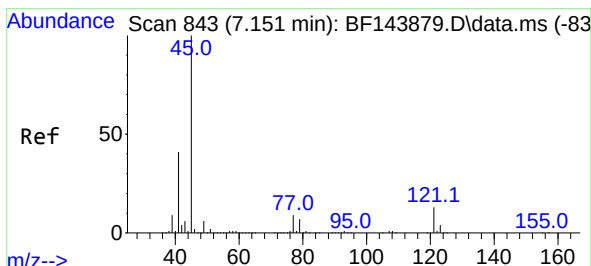
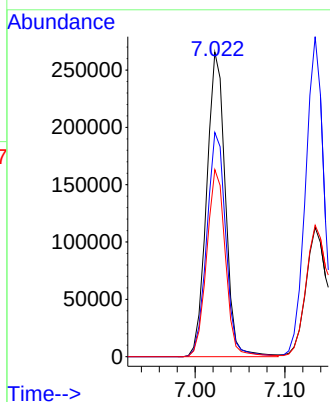
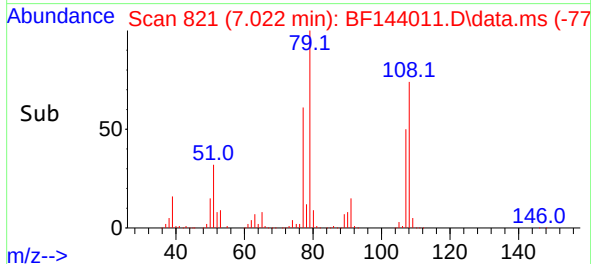
Instrument :
BNA_F
ClientSampleId :
PB170166BS



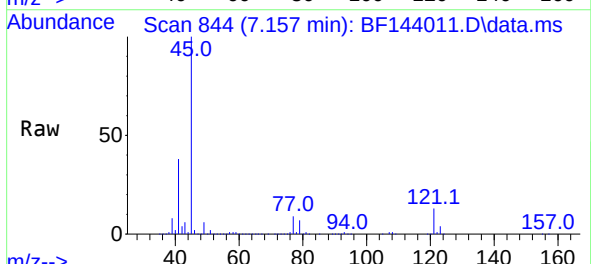
Tgt Ion: 79 Resp: 38354
Ion Ratio Lower Upper
79 100
108 73.6 60.8 91.2
77 61.4 51.0 76.6

Manual Integrations
APPROVED

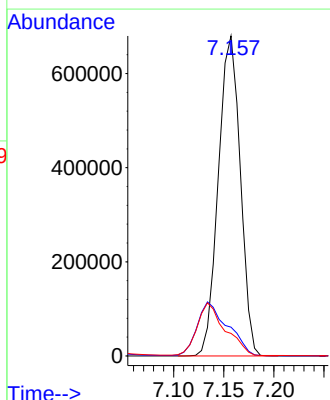
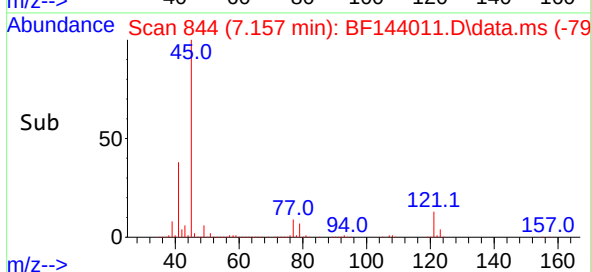
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

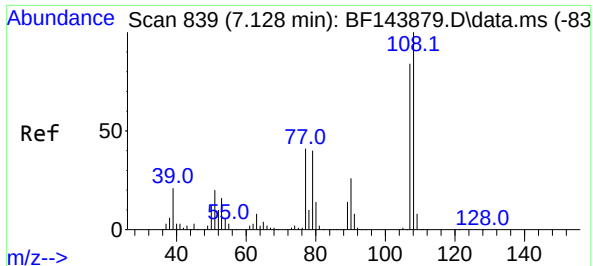


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.83 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



Tgt Ion: 45 Resp: 1034514
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.0
79 7.1 0.0 26.8





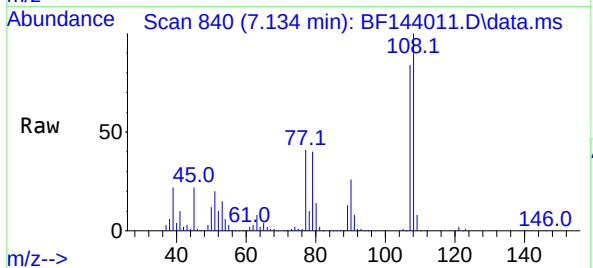
#17
2-Methylphenol
Concen: 45.50 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

PB170166BS



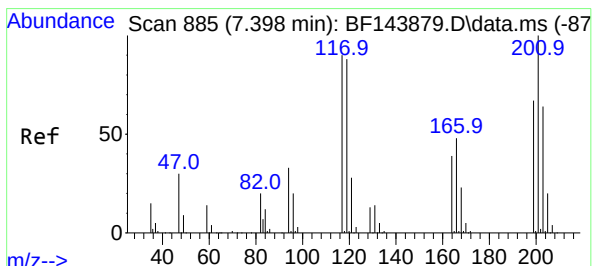
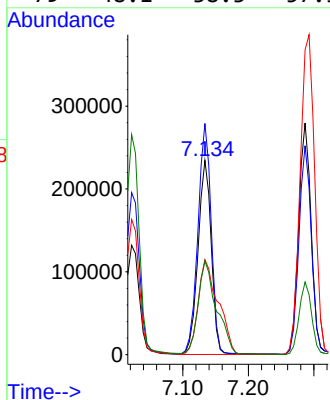
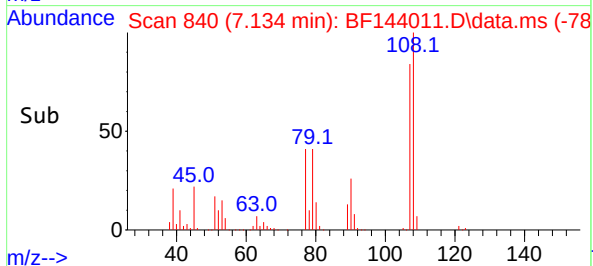
Tgt Ion:107 Resp: 331138
Ion Ratio Lower Upper
107 100
108 119.1 94.7 142.1
77 49.0 38.8 58.2
79 48.1 38.3 57.5

Manual Integrations

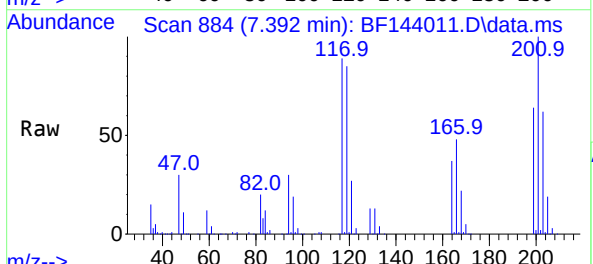
APPROVED

Reviewed By :Rahul Chavli 10/22/2025

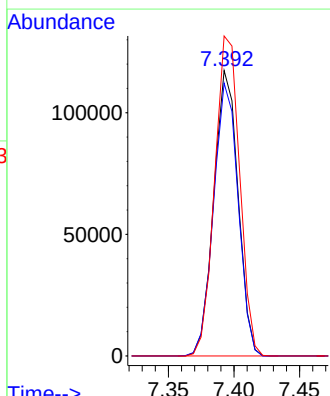
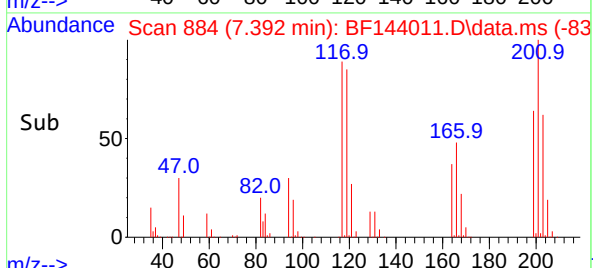
Supervised By :Jagrut Upadhyay 10/22/2025

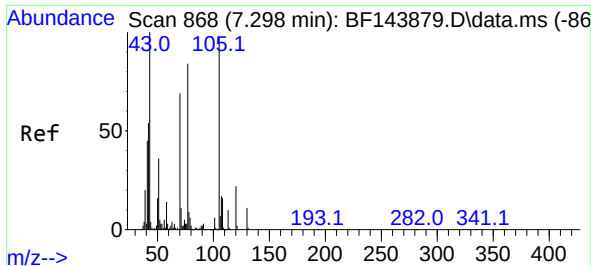


#18
Hexachloroethane
Concen: 43.57 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



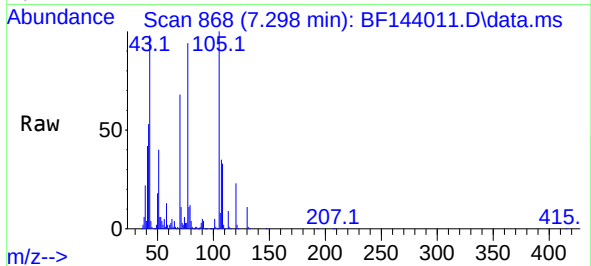
Tgt Ion:117 Resp: 151068
Ion Ratio Lower Upper
117 100
119 95.6 77.8 116.8
201 112.1 88.5 132.7





#19
n-Nitroso-di-n-propylamine
Concen: 43.57 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

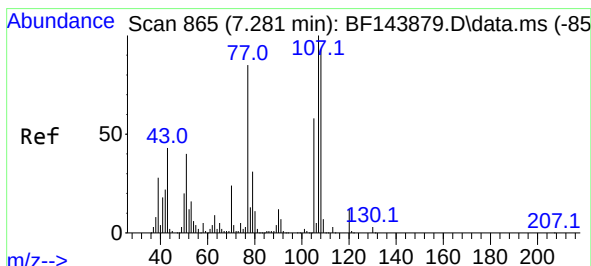
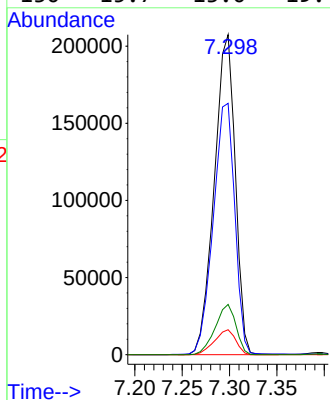
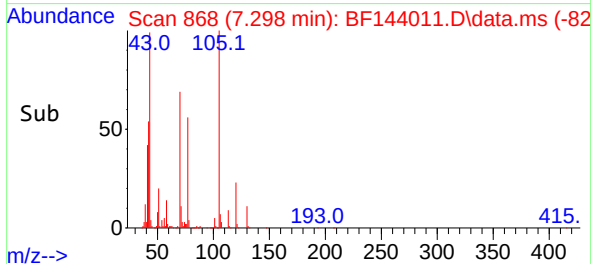
Instrument :
BNA_F
ClientSampleId :
PB170166BS



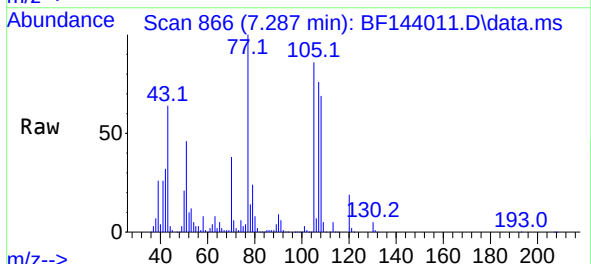
Tgt Ion: 70 Resp: 320210
Ion Ratio Lower Upper
70 100
42 78.6 62.8 94.2
101 7.8 6.7 10.1
130 15.7 13.0 19.4

Manual Integrations
APPROVED

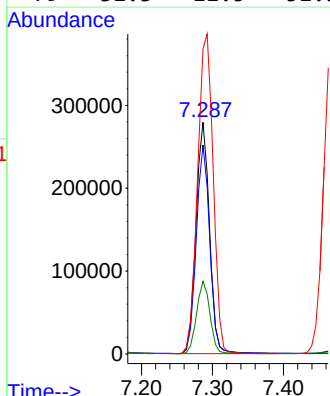
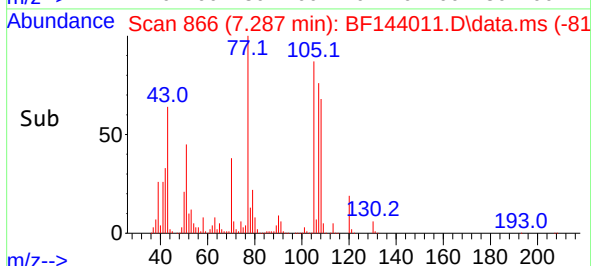
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

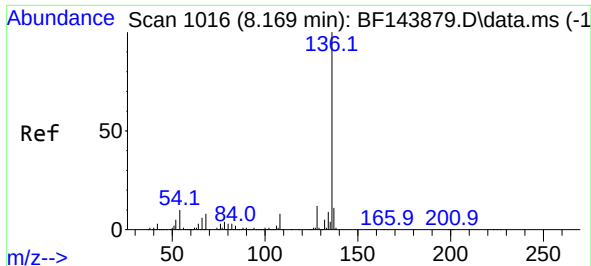


#20
3+4-Methylphenols
Concen: 43.92 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



Tgt Ion:107 Resp: 370409
Ion Ratio Lower Upper
107 100
108 90.2 73.0 113.0
77 131.6 64.6 104.6#
79 31.3 11.5 51.5





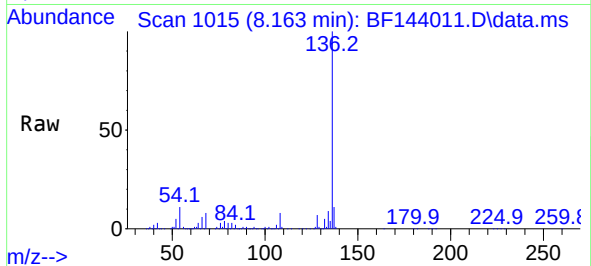
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

PB170166BS

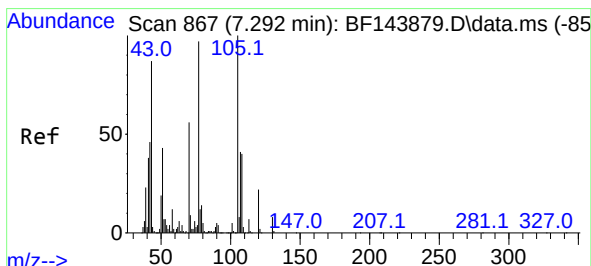
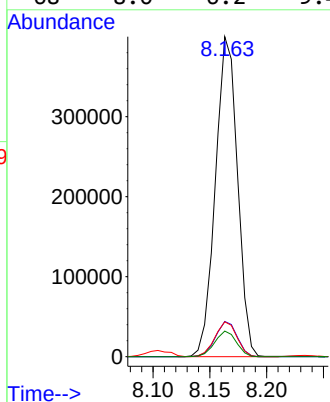
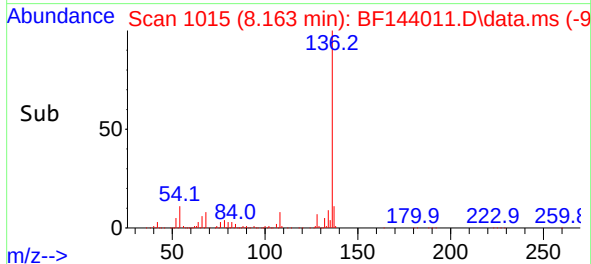


Tgt Ion:136 Resp: 54209
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.9 8.2 12.4
68 8.0 6.2 9.4

Manual Integrations

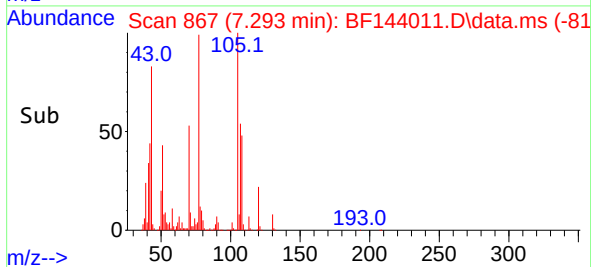
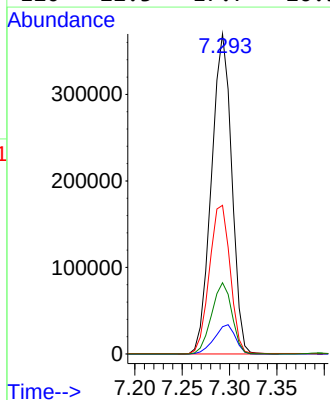
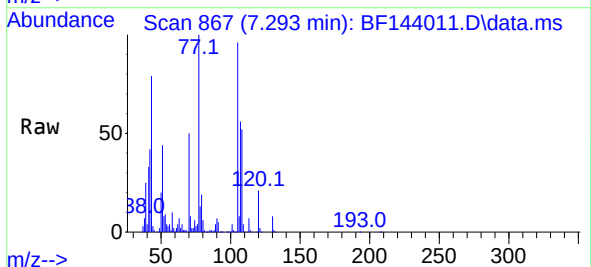
APPROVED

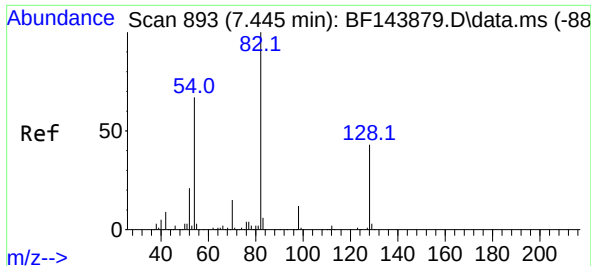
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#22
Acetophenone
Concen: 48.05 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Tgt Ion:105 Resp: 550722
Ion Ratio Lower Upper
105 100
71 8.5 7.4 11.0
51 46.4 34.2 51.4
120 22.3 17.7 26.5





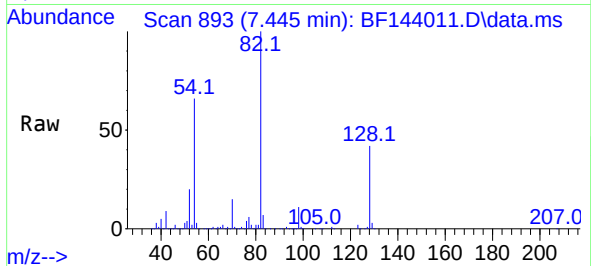
#23
Nitrobenzene-d5
Concen: 88.28 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

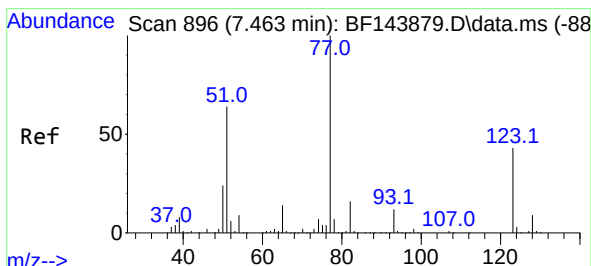
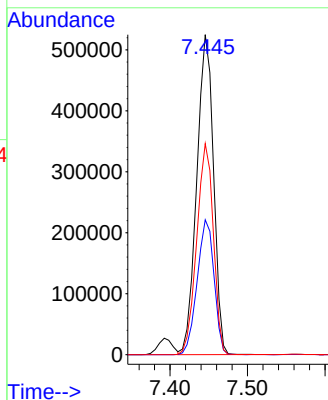
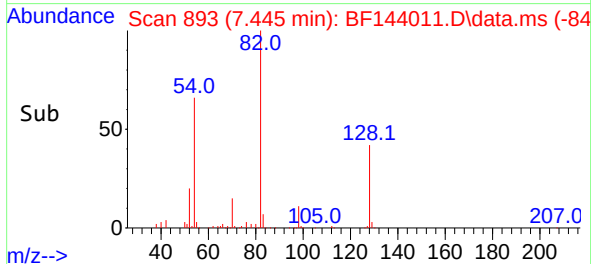
PB170166BS



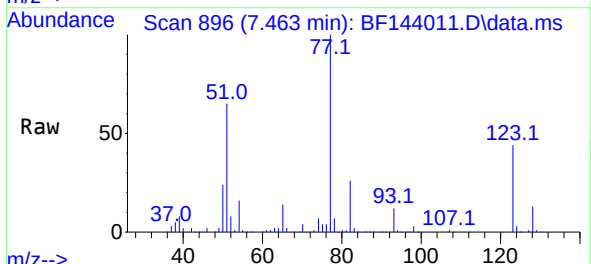
Tgt Ion: 82 Resp: 787738
Ion Ratio Lower Upper
82 100
128 42.1 34.0 51.0
54 65.9 53.2 79.8

Manual Integrations
APPROVED

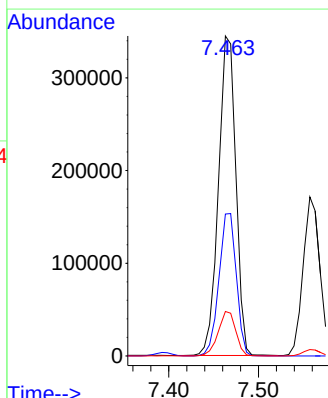
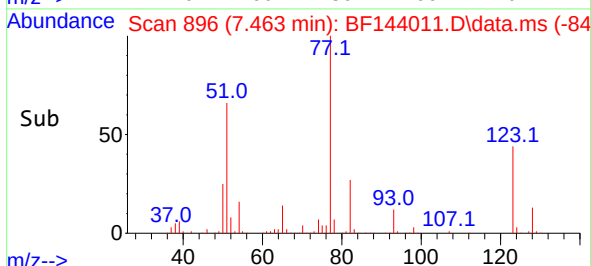
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

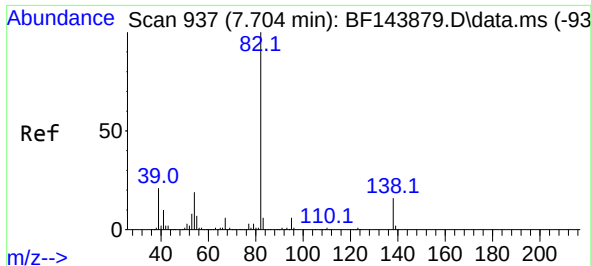


#24
Nitrobenzene
Concen: 46.85 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



Tgt Ion: 77 Resp: 464227
Ion Ratio Lower Upper
77 100
123 44.4 34.2 51.4
65 13.9 11.0 16.6





#25
Isophorone
Concen: 46.11 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

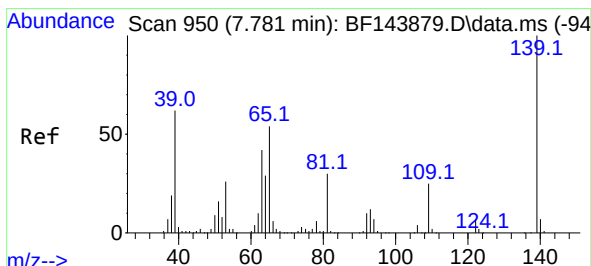
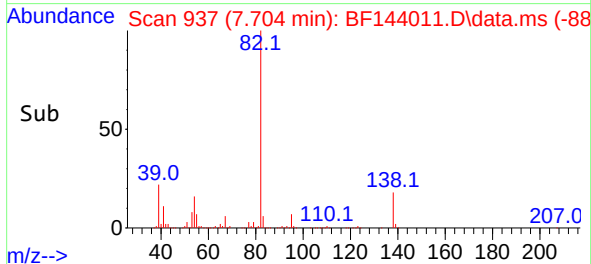
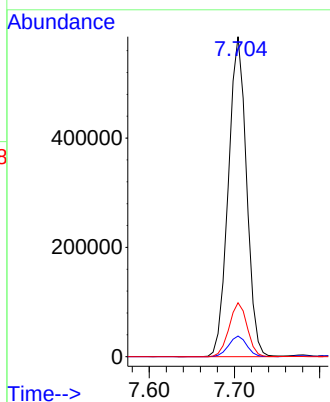
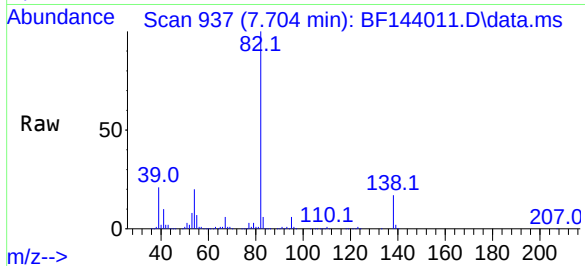
ClientSampleId :

PB170166BS

Tgt Ion: 82 Resp: 86751
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 16.8 12.9 19.3

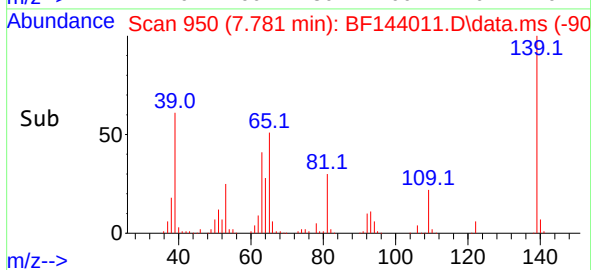
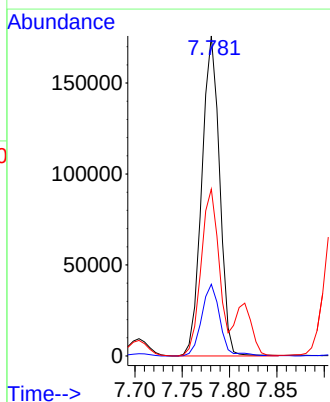
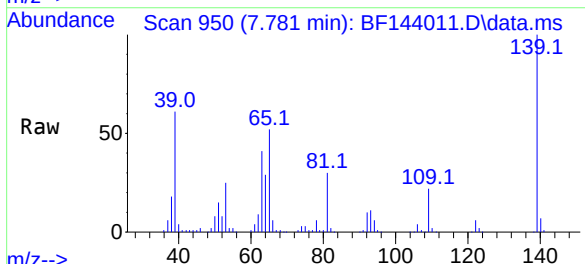
Manual Integrations
APPROVED

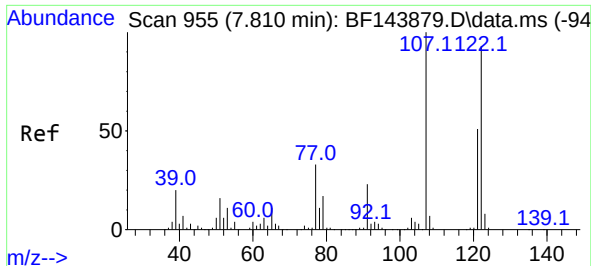
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#26
2-Nitrophenol
Concen: 54.11 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Tgt Ion:139 Resp: 229883
Ion Ratio Lower Upper
139 100
109 22.4 19.8 29.6
65 52.1 42.9 64.3





#27
2,4-Dimethylphenol
Concen: 50.10 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

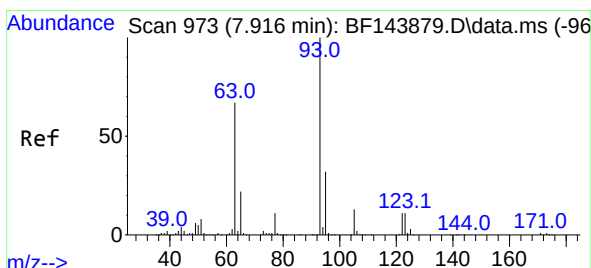
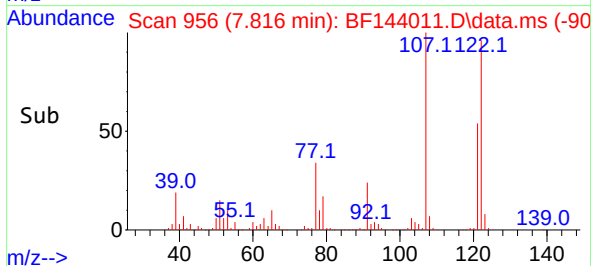
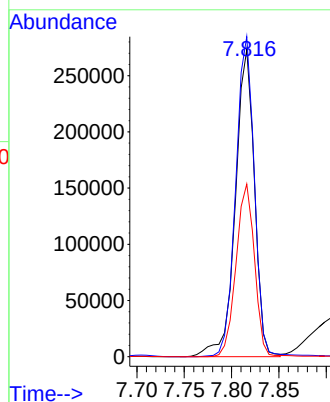
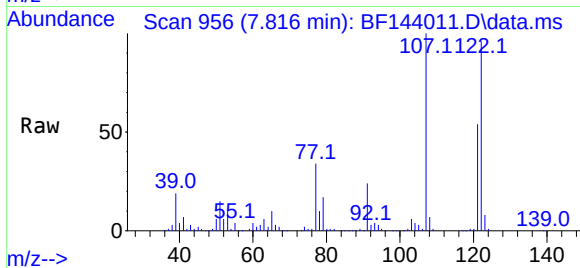
PB170166BS

Tgt Ion:122 Resp: 38283
Ion Ratio Lower Upper
122 100
107 104.2 86.1 129.1
121 56.2 43.8 65.6

Manual Integrations

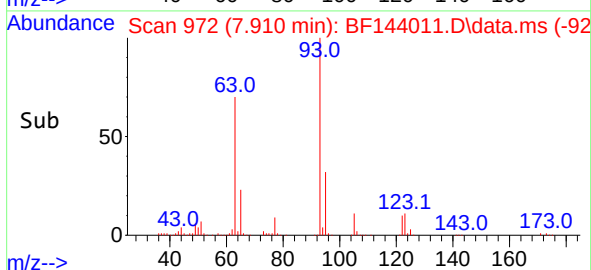
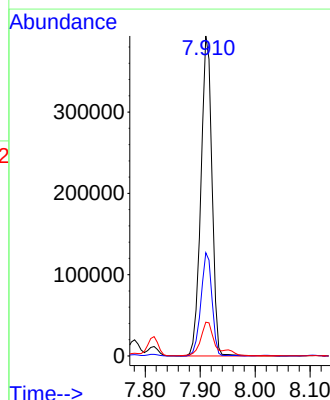
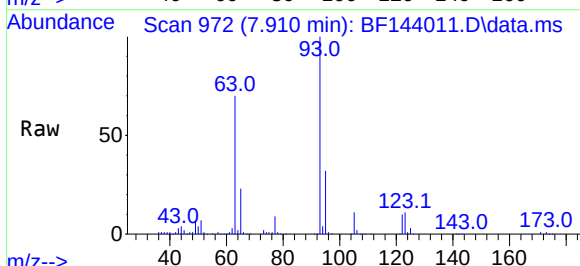
APPROVED

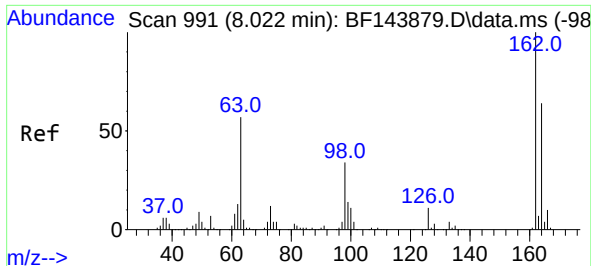
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#28
bis(2-Chloroethoxy)methane
Concen: 46.40 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Tgt Ion: 93 Resp: 551455
Ion Ratio Lower Upper
93 100
95 32.2 25.9 38.9
123 10.6 9.4 14.0





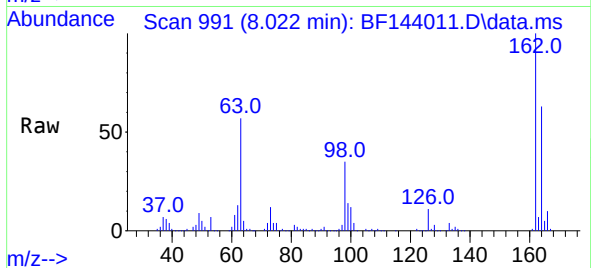
#29
2,4-Dichlorophenol
Concen: 46.28 ng
RT: 8.022 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

PB170166BS

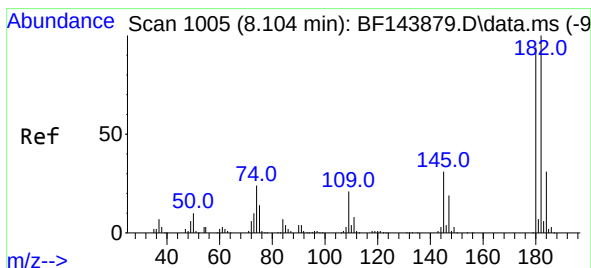
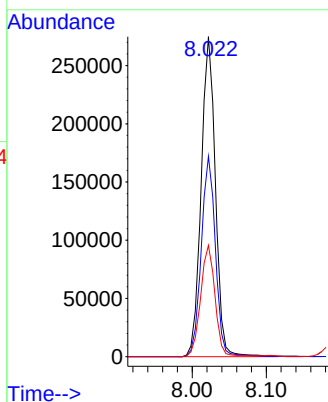
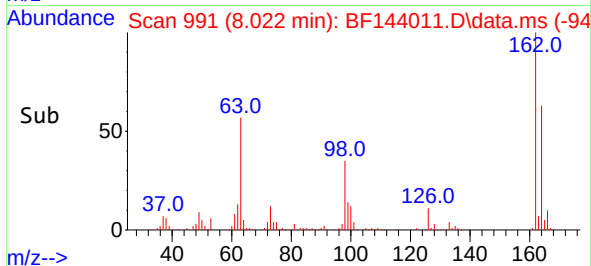


Tgt Ion:162 Resp: 368392
Ion Ratio Lower Upper
162 100
164 62.6 43.9 83.9
98 34.8 14.4 54.4

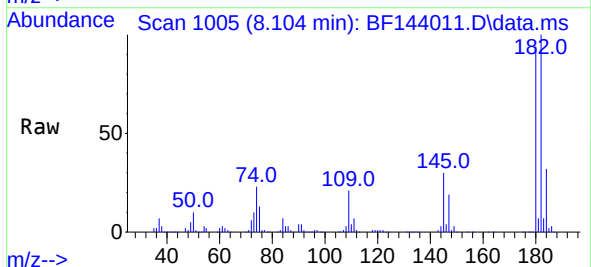
Manual Integrations

APPROVED

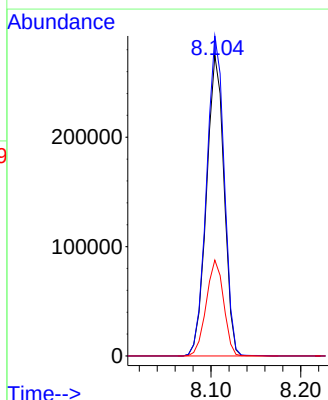
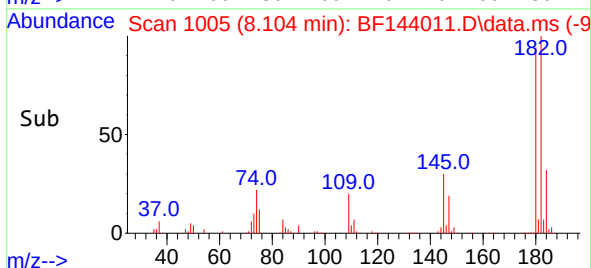
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

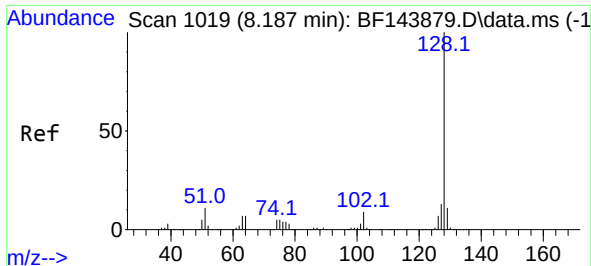


#30
1,2,4-Trichlorobenzene
Concen: 47.73 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



Tgt Ion:180 Resp: 373675
Ion Ratio Lower Upper
180 100
182 106.4 85.4 128.0
145 31.9 26.3 39.5





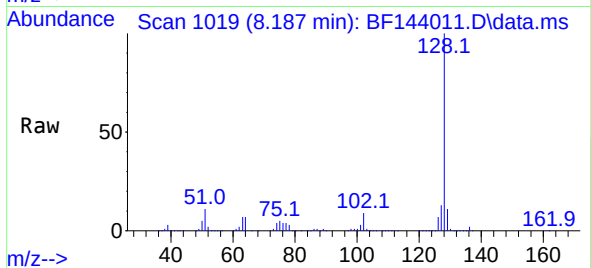
#31
Naphthalene
Concen: 44.31 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

PB170166BS



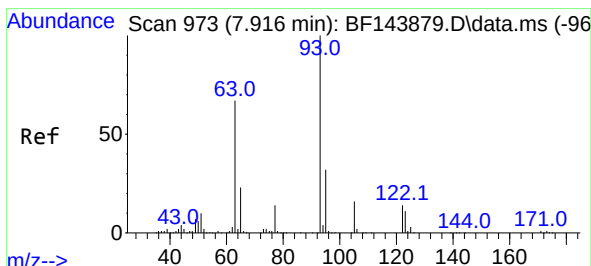
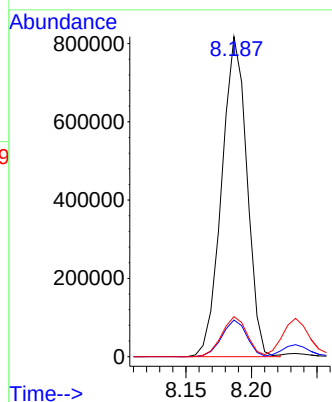
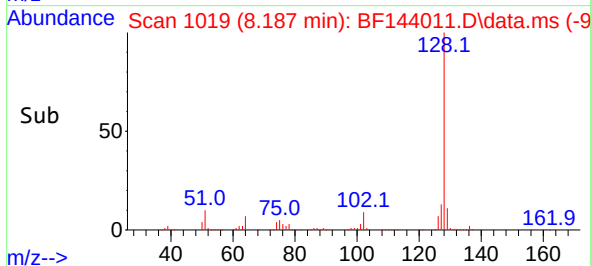
Tgt Ion:128 Resp: 109259
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 12.5 10.0 15.0

Manual Integrations

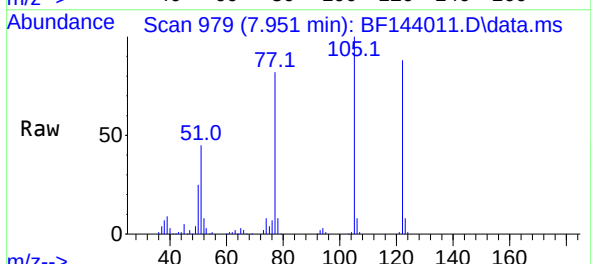
APPROVED

Reviewed By :Rahul Chavli 10/22/2025

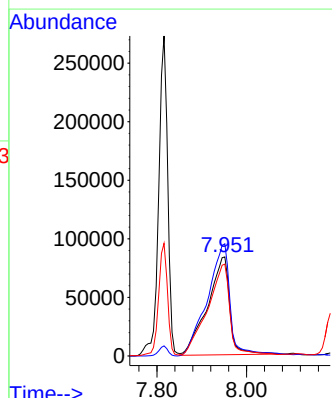
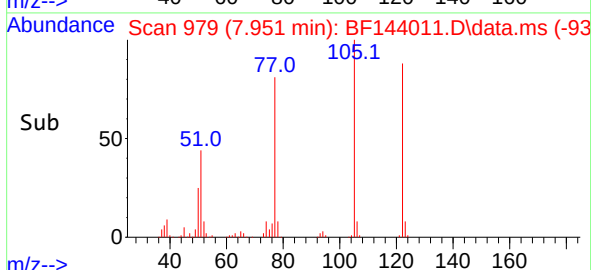
Supervised By :Jagrut Upadhyay 10/22/2025

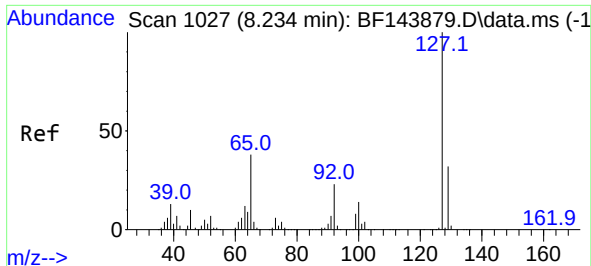


#32
Benzoic acid
Concen: 54.74 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.012 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



Tgt Ion:122 Resp: 289503
Ion Ratio Lower Upper
122 100
105 113.1 93.5 133.5
77 92.7 76.3 116.3





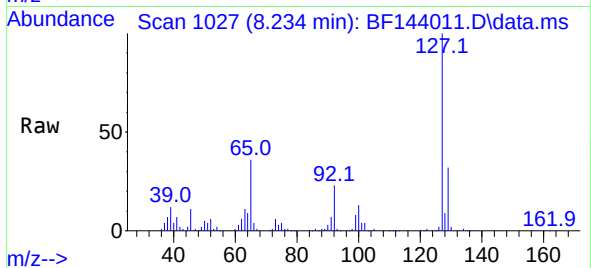
#33
4-Chloroaniline
Concen: 16.36 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

PB170166BS

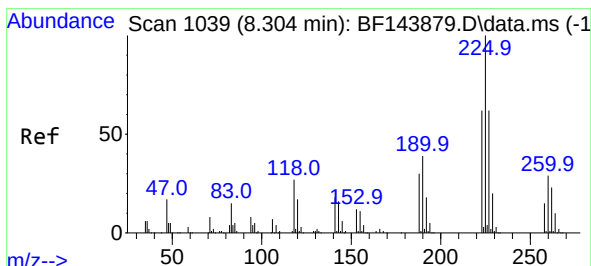
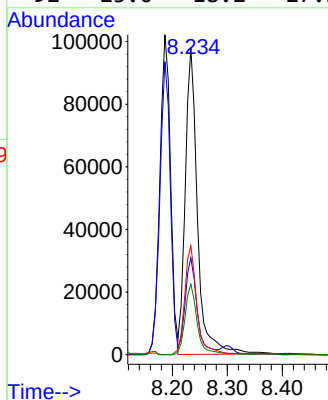
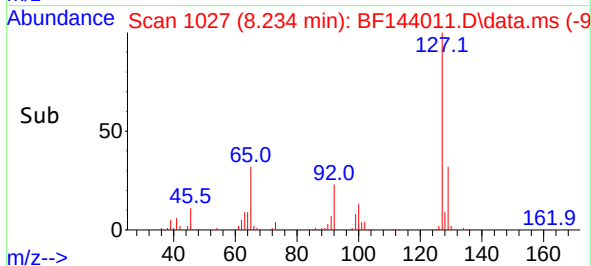


Tgt Ion:127 Resp: 15134
Ion Ratio Lower Upper
127 100
129 31.5 25.8 38.8
65 35.5 30.0 45.0
92 23.0 18.2 27.2

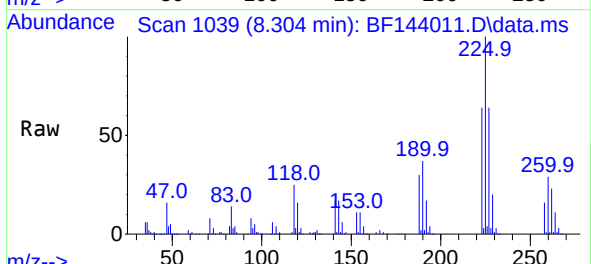
Manual Integrations

APPROVED

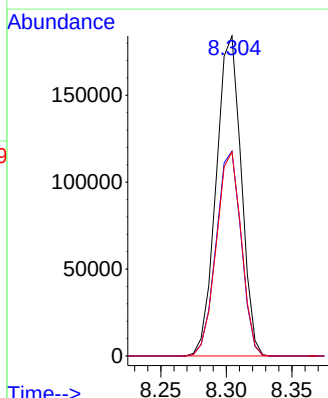
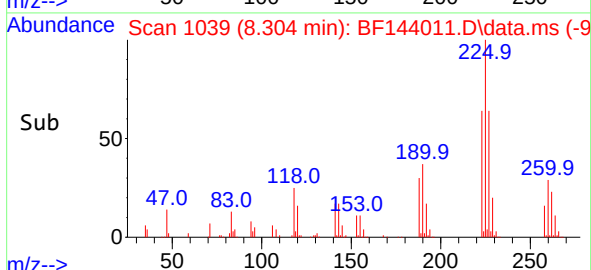
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

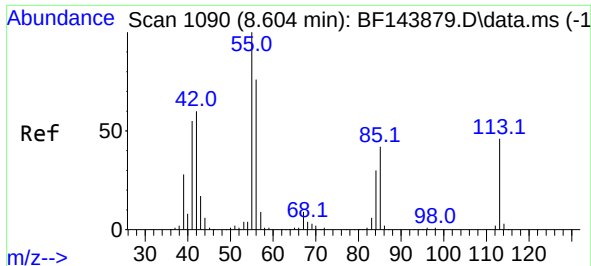


#34
Hexachlorobutadiene
Concen: 44.82 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



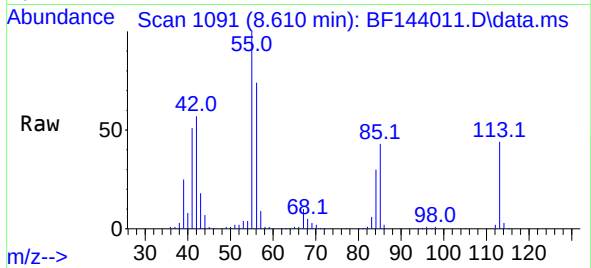
Tgt Ion:225 Resp: 243818
Ion Ratio Lower Upper
225 100
223 63.9 49.4 74.2
227 63.8 49.7 74.5





#35
Caprolactam
Concen: 48.22 ng m
RT: 8.610 min Scan# 1109
Delta R.T. -0.035 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

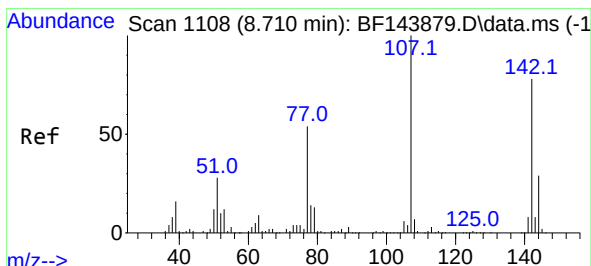
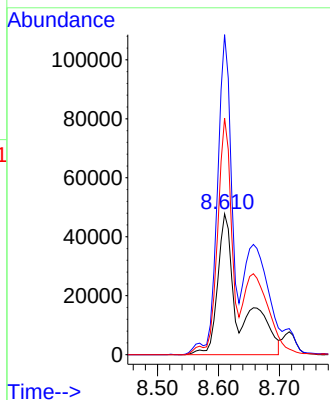
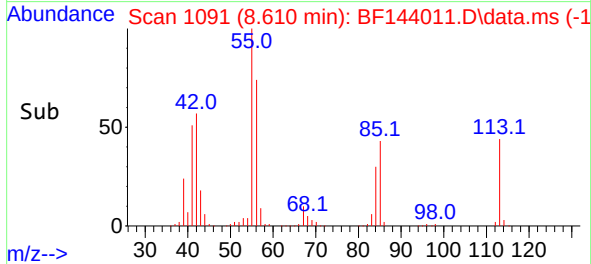
Instrument :
BNA_F
ClientSampleId :
PB170166BS



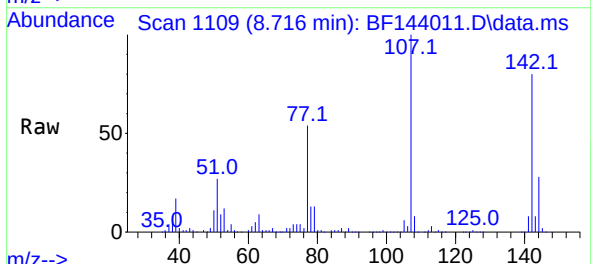
Tgt Ion:113 Resp: 122040
Ion Ratio Lower Upper
113 100
55 227.2 199.6 239.6
56 168.0 146.0 186.0

Manual Integrations
APPROVED

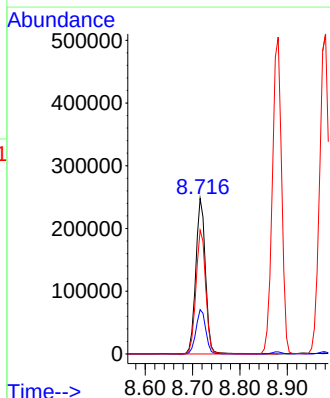
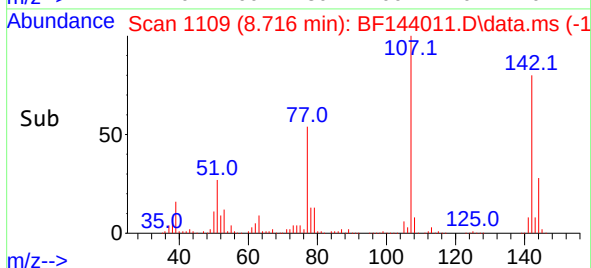
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

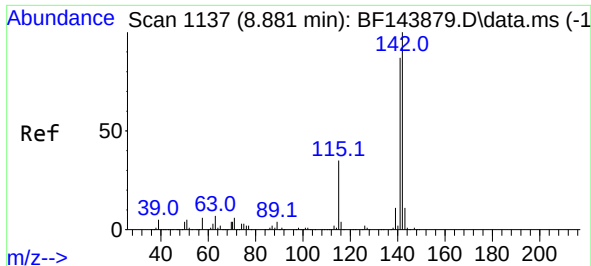


#36
4-Chloro-3-methylphenol
Concen: 46.17 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



Tgt Ion:107 Resp: 353031
Ion Ratio Lower Upper
107 100
144 28.5 23.1 34.7
142 79.6 62.6 94.0





#37
2-Methylnaphthalene
Concen: 41.63 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

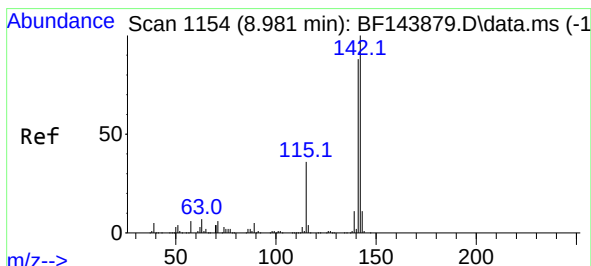
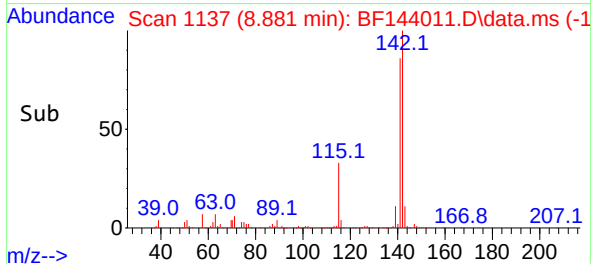
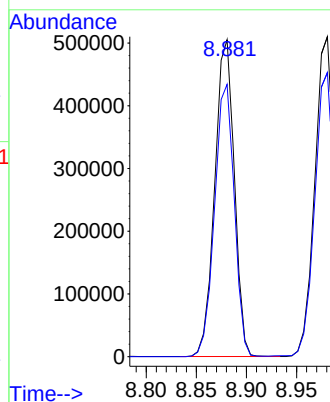
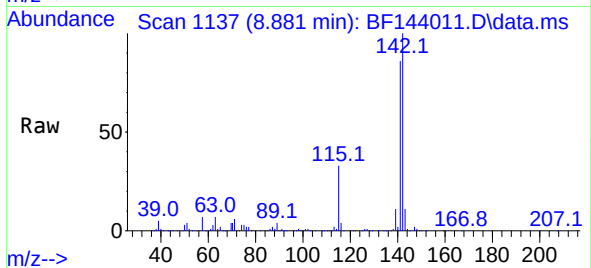
PB170166BS

Tgt Ion:142 Resp: 683790
Ion Ratio Lower Upper
142 100
141 85.9 69.2 103.8

Manual Integrations

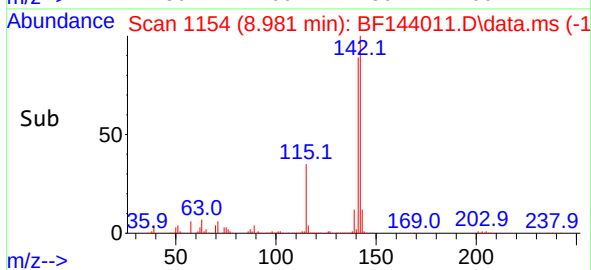
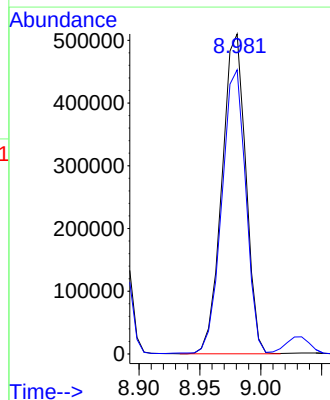
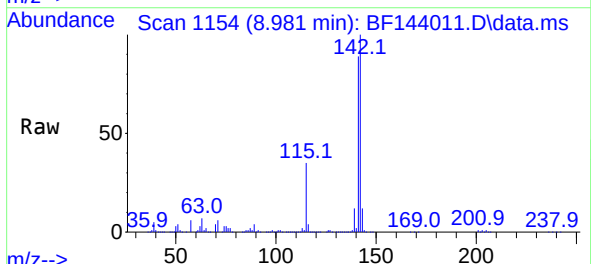
APPROVED

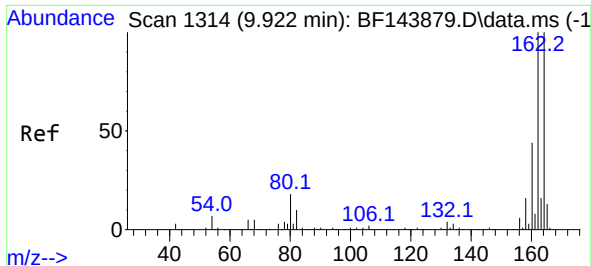
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#38
1-Methylnaphthalene
Concen: 43.54 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Tgt Ion:142 Resp: 693649
Ion Ratio Lower Upper
142 100
141 88.8 70.8 106.2





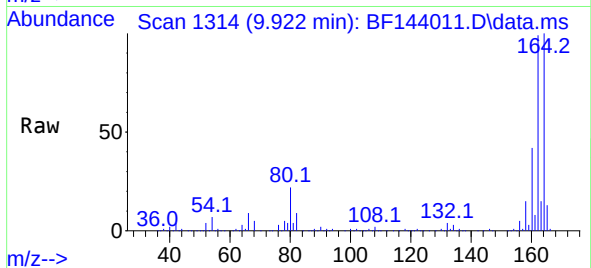
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1114
Delta R.T. -0.005 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

PB170166BS



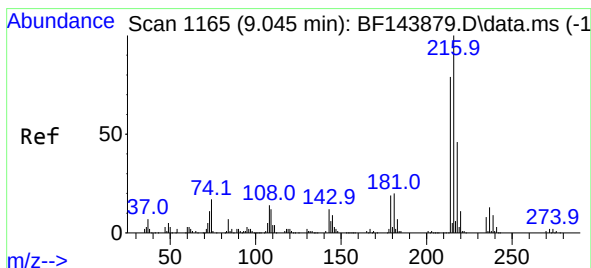
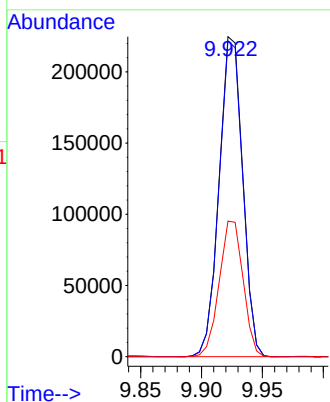
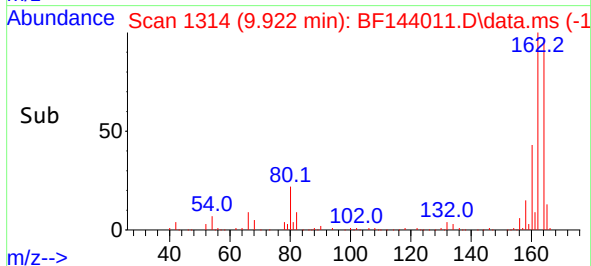
Tgt Ion:164 Resp: 30338
Ion Ratio Lower Upper
164 100
162 98.7 80.2 120.2
160 42.3 35.4 53.0

Manual Integrations

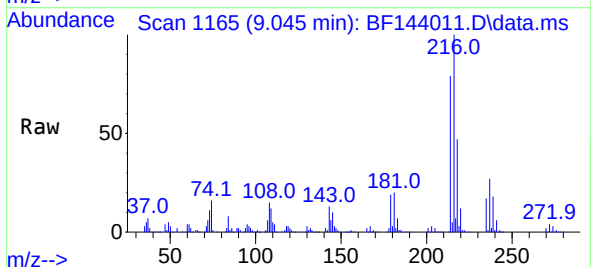
APPROVED

Reviewed By :Rahul Chavli 10/22/2025

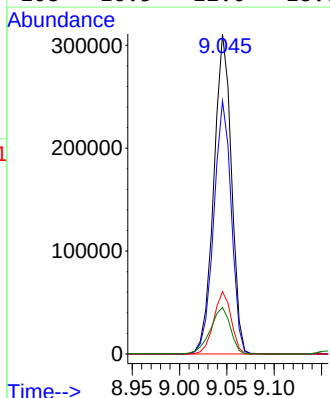
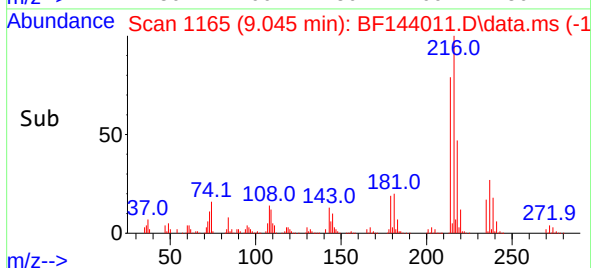
Supervised By :Jagrut Upadhyay 10/22/2025

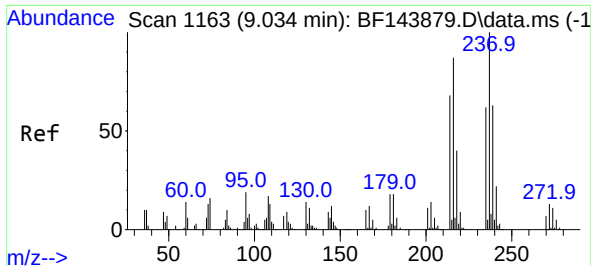


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.14 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



Tgt Ion:216 Resp: 403668
Ion Ratio Lower Upper
216 100
214 78.6 62.6 94.0
179 19.2 15.4 23.0
108 16.5 12.0 18.0





#41
Hexachlorocyclopentadiene
Concen: 108.67 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

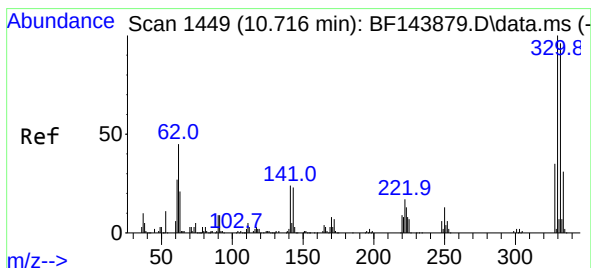
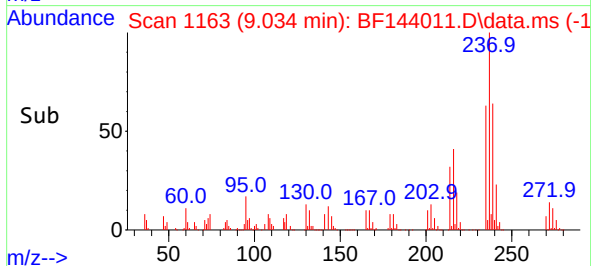
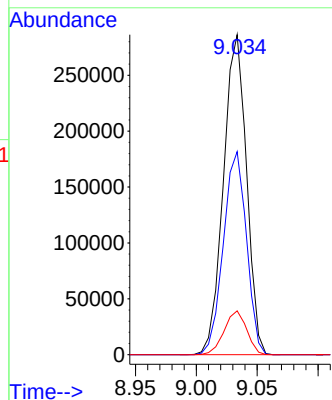
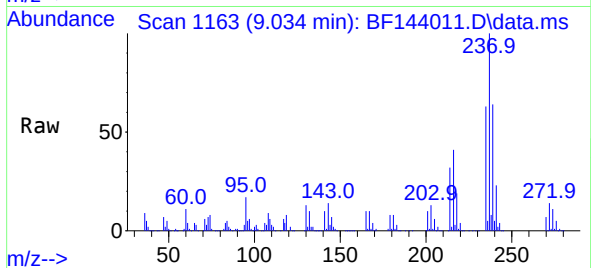
PB170166BS

Tgt Ion:237 Resp: 37803
Ion Ratio Lower Upper
237 100
235 63.4 42.3 82.3
272 13.7 0.0 33.1

Manual Integrations

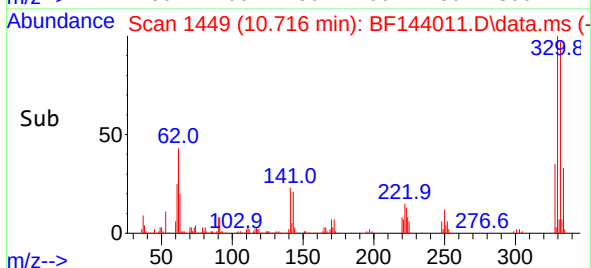
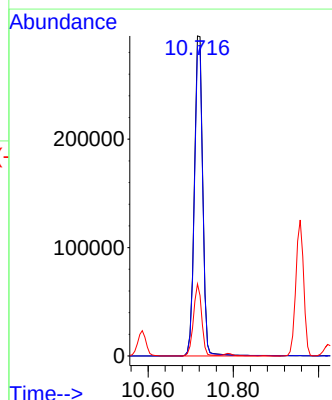
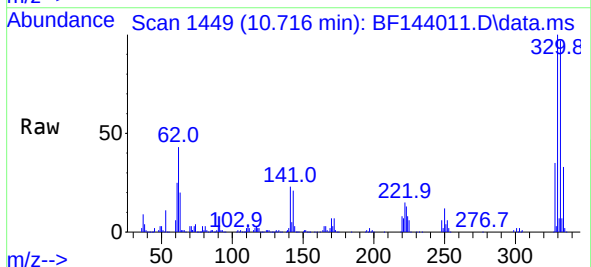
APPROVED

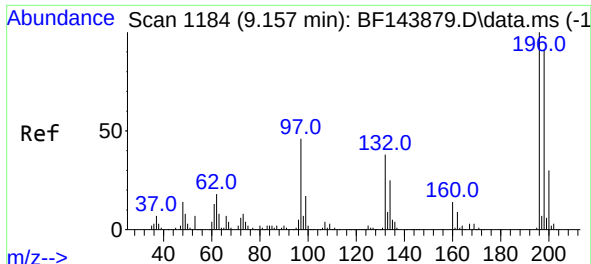
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#42
2,4,6-Tribromophenol
Concen: 133.25 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Tgt Ion:330 Resp: 402650
Ion Ratio Lower Upper
330 100
332 96.0 76.9 115.3
141 22.1 20.2 30.4





#43
2,4,6-Trichlorophenol
Concen: 44.61 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

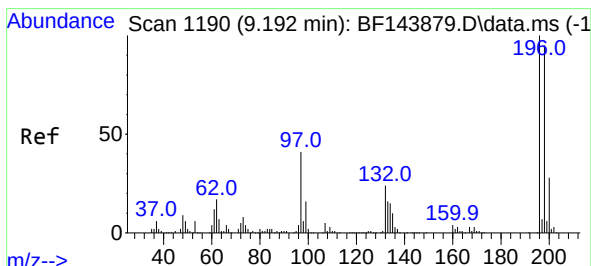
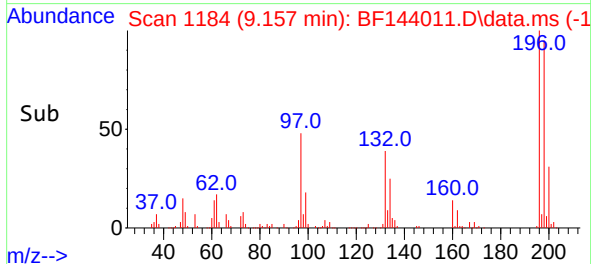
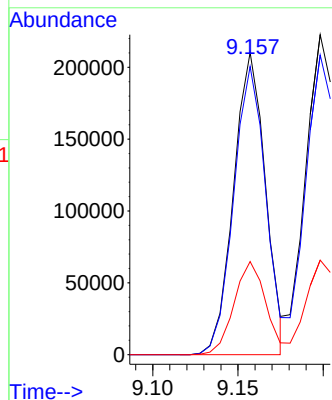
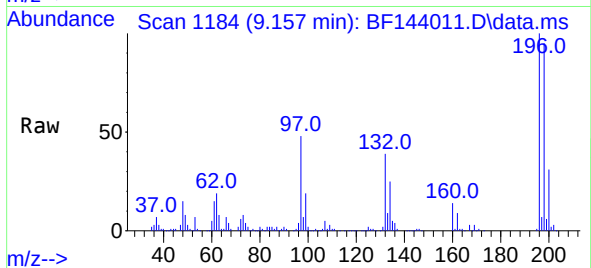
PB170166BS

Tgt Ion:196 Resp: 27331
Ion Ratio Lower Upper
196 100
198 95.3 72.8 109.2
200 30.8 24.0 36.0

Manual Integrations

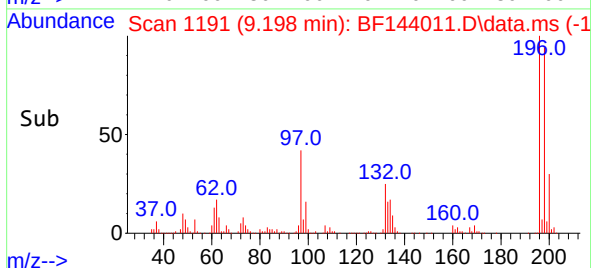
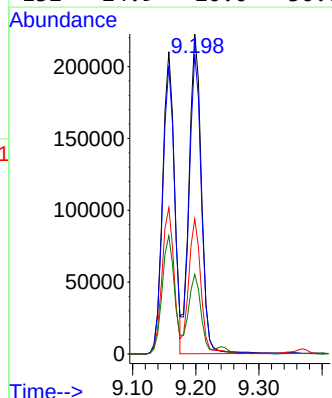
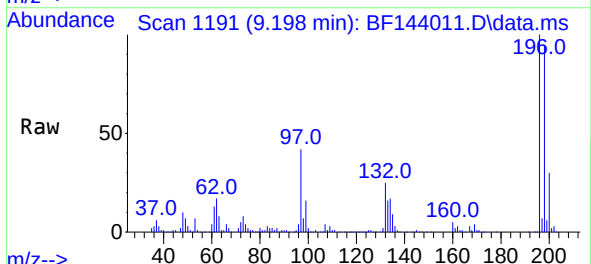
APPROVED

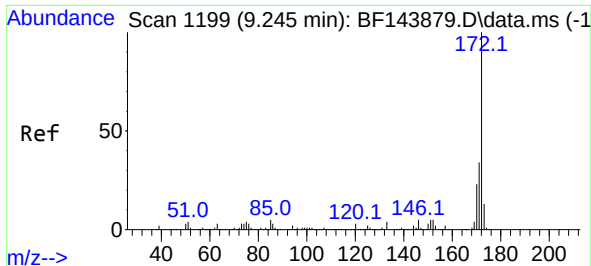
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#44
2,4,5-Trichlorophenol
Concen: 46.38 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Tgt Ion:196 Resp: 300310
Ion Ratio Lower Upper
196 100
198 93.6 75.5 113.3
97 42.2 33.9 50.9
132 24.9 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 77.69 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF144011.D

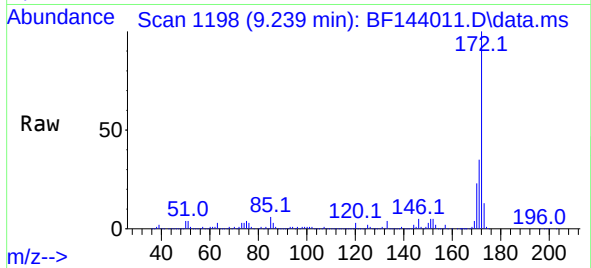
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

PB170166BS



Tgt Ion:172 Resp: 1485429

Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.0

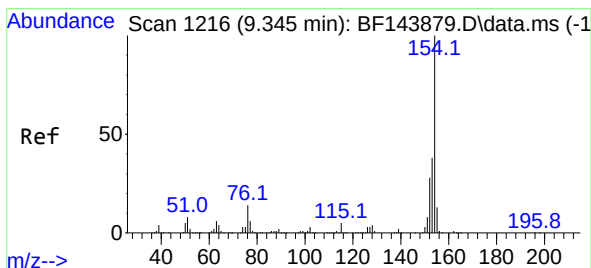
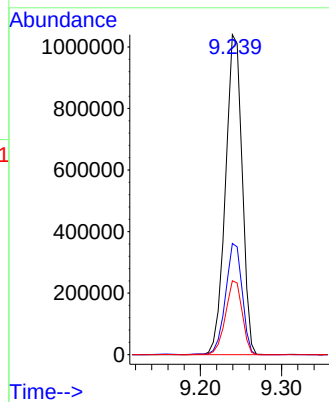
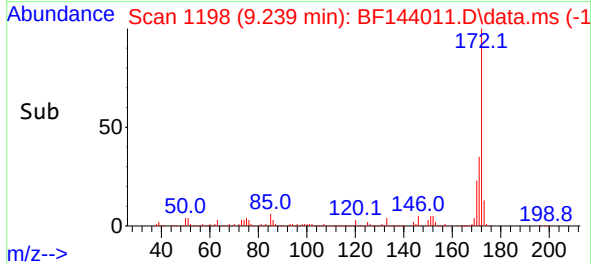
170 23.1 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/22/2025

Supervised By :Jagrut Upadhyay 10/22/2025



#46

1,1'-Biphenyl

Concen: 48.24 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

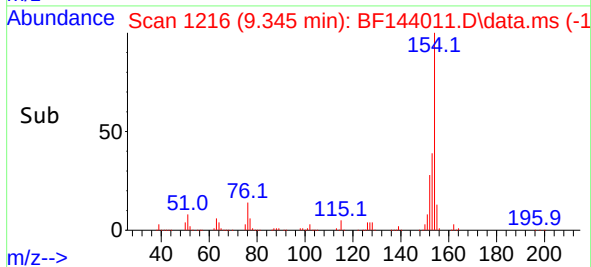
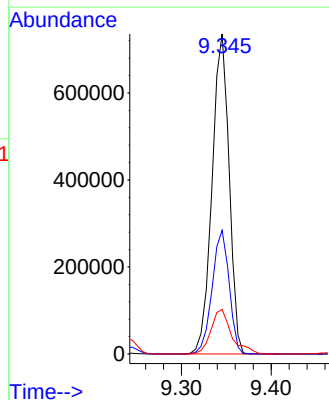
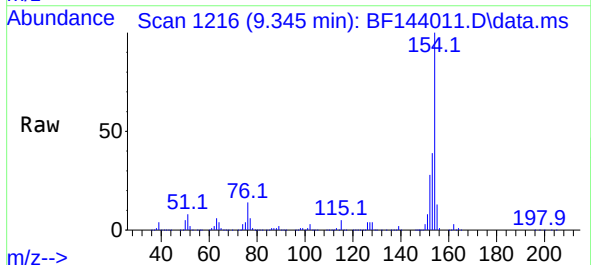
Tgt Ion:154 Resp: 969032

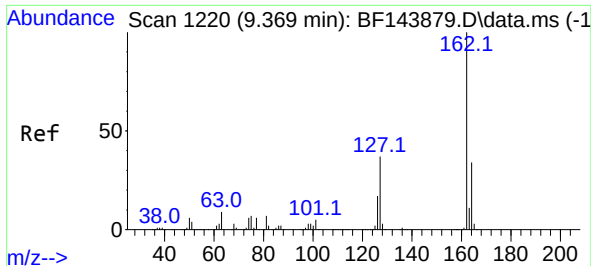
Ion Ratio Lower Upper

154 100

153 38.7 18.4 58.4

76 13.9 0.0 34.0





#47
2-Chloronaphthalene
Concen: 44.34 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

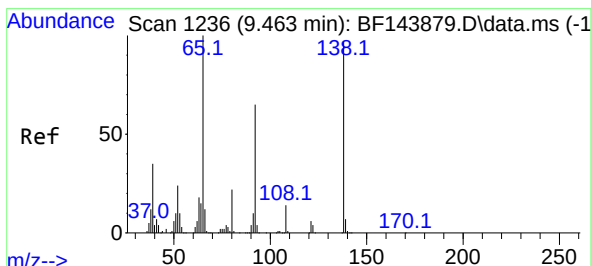
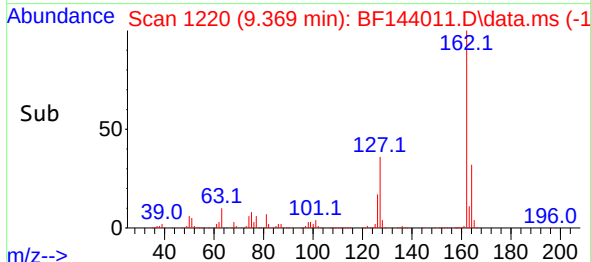
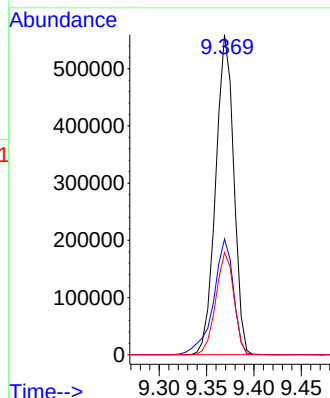
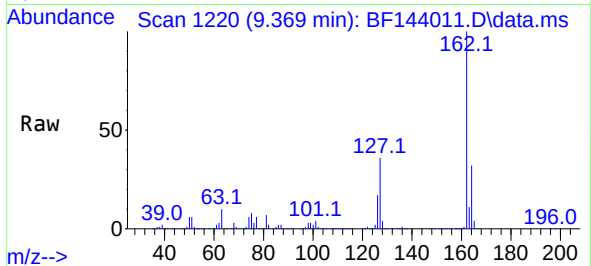
PB170166BS

Tgt Ion:162 Resp: 742619
Ion Ratio Lower Upper
162 100
127 36.1 30.2 45.2
164 31.9 26.9 40.3

Manual Integrations

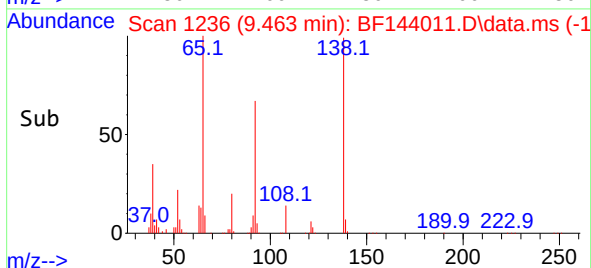
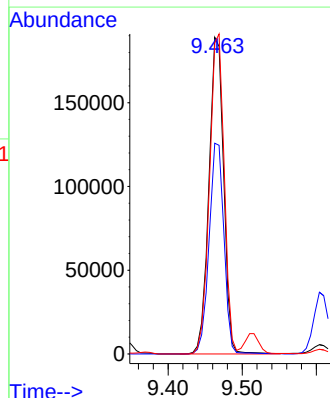
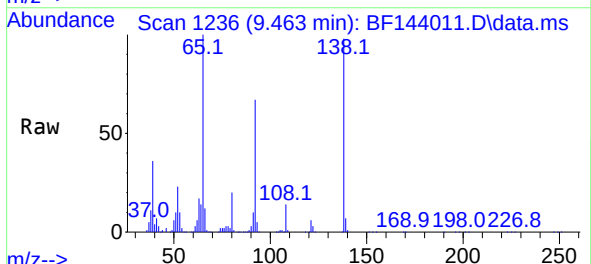
APPROVED

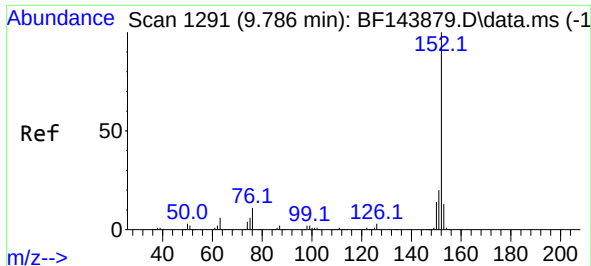
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#48
2-Nitroaniline
Concen: 49.43 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Tgt Ion: 65 Resp: 261709
Ion Ratio Lower Upper
65 100
92 66.5 52.1 78.1
138 98.2 77.4 116.2





#49

Acenaphthylene

Concen: 49.89 ng

RT: 9.786 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF144011.D

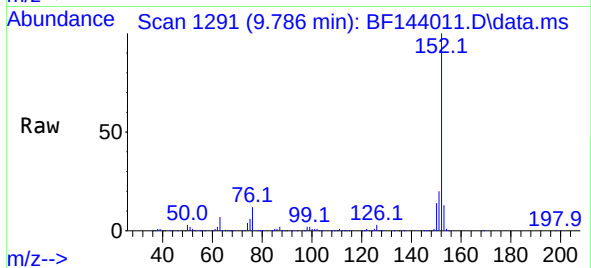
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

PB170166BS



Tgt Ion:152 Resp: 1174680

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.6

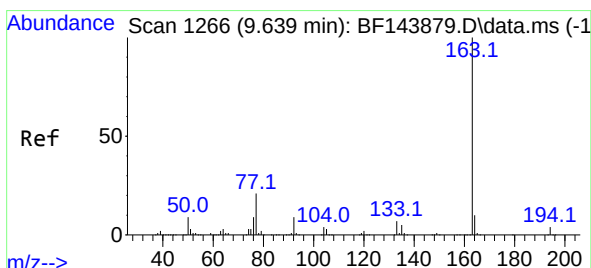
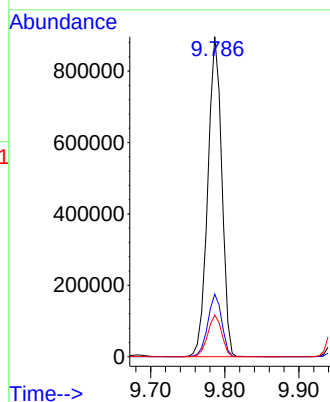
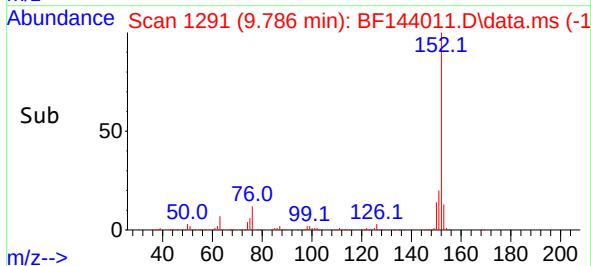
153 13.0 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/22/2025

Supervised By :Jagrut Upadhyay 10/22/2025



#50

Dimethylphthalate

Concen: 46.31 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

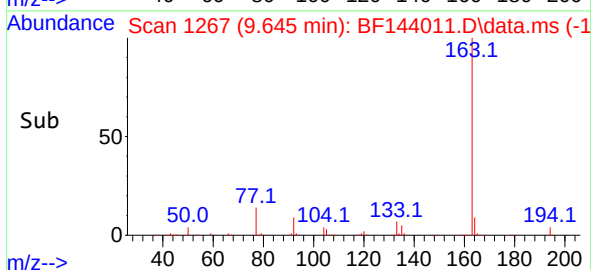
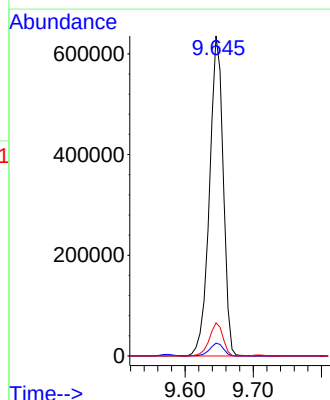
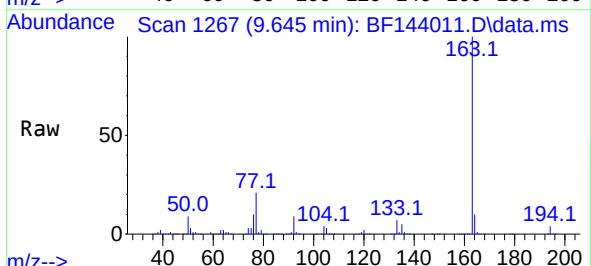
Tgt Ion:163 Resp: 892205

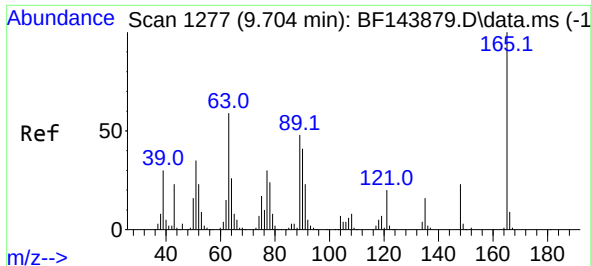
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.4 8.1 12.1





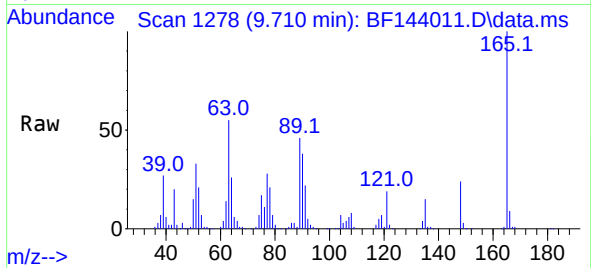
#51
2,6-Dinitrotoluene
Concen: 52.58 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

PB170166BS



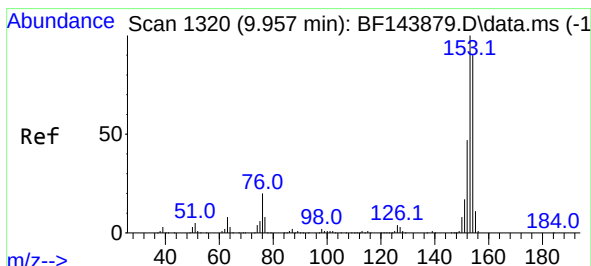
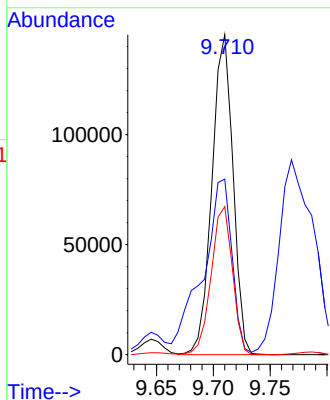
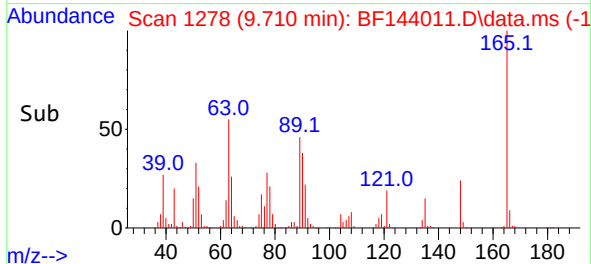
Tgt Ion:165 Resp: 18784
Ion Ratio Lower Upper
165 100
63 54.8 47.3 70.9
89 46.3 38.2 57.4

Manual Integrations

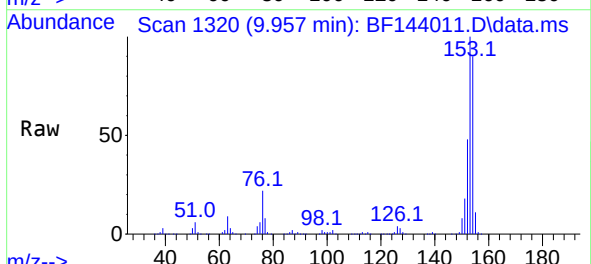
APPROVED

Reviewed By :Rahul Chavli 10/22/2025

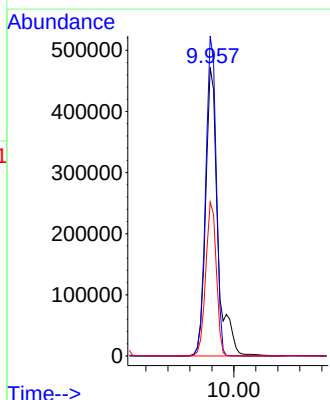
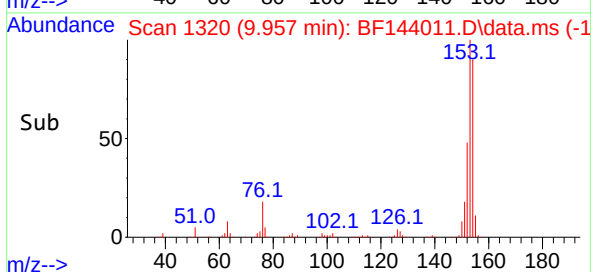
Supervised By :Jagrut Upadhyay 10/22/2025

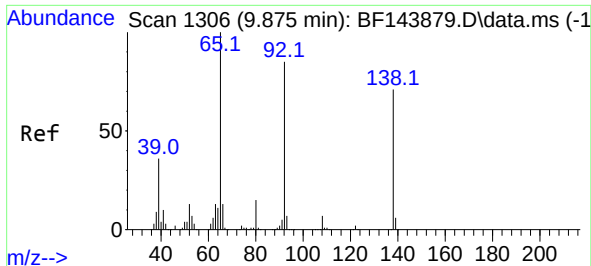


#52
Acenaphthene
Concen: 46.93 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



Tgt Ion:154 Resp: 724010
Ion Ratio Lower Upper
154 100
153 110.9 89.3 133.9
152 53.3 42.2 63.2





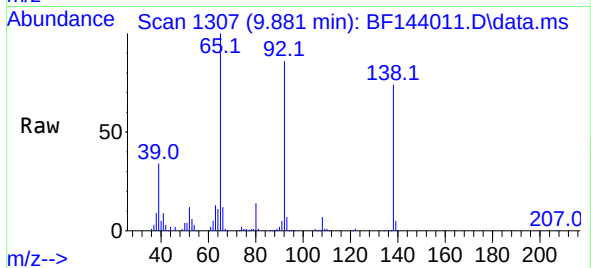
#53
3-Nitroaniline
Concen: 28.72 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

PB170166BS

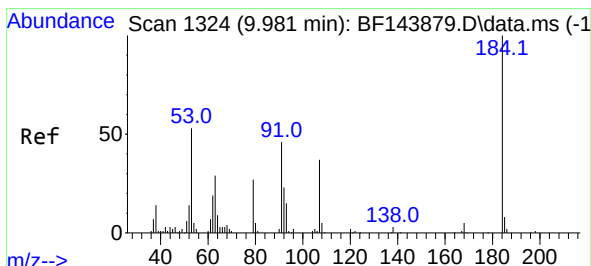
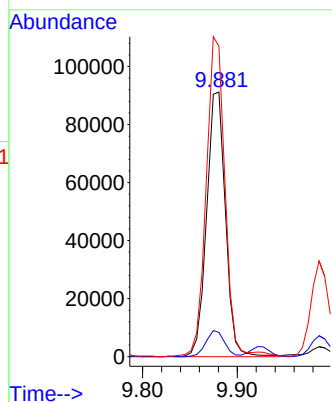
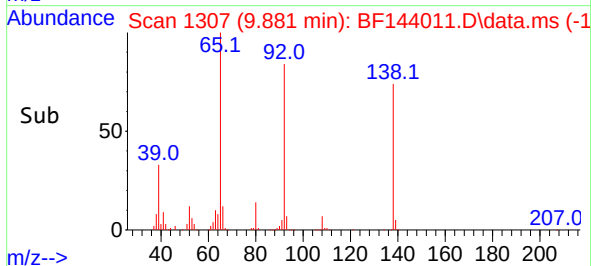


Tgt Ion:138 Resp: 12561
Ion Ratio Lower Upper
138 100
108 9.2 8.3 12.5
92 117.3 96.2 144.2

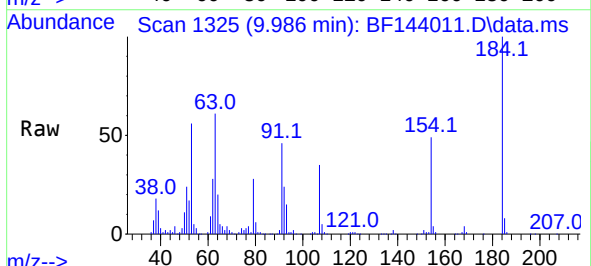
Manual Integrations

APPROVED

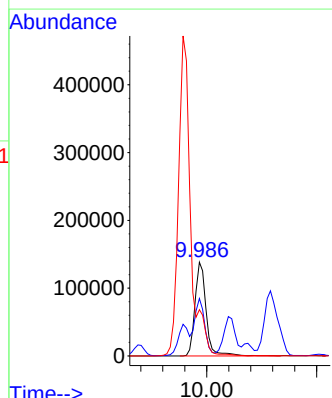
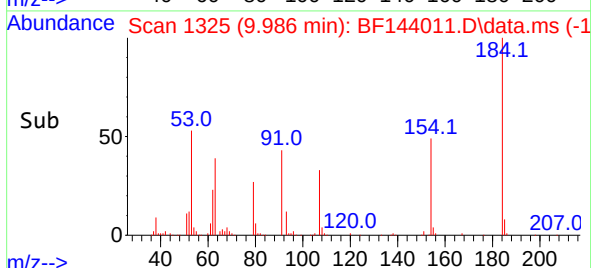
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

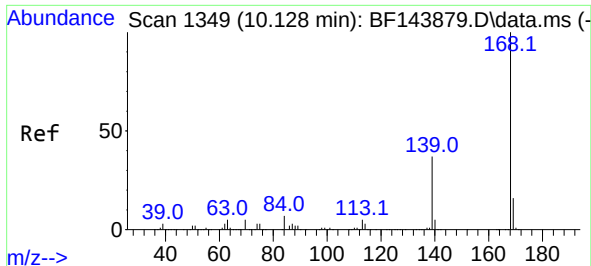


#54
2,4-Dinitrophenol
Concen: 88.04 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



Tgt Ion:184 Resp: 195686
Ion Ratio Lower Upper
184 100
63 61.3 48.2 72.4
154 49.3 49.2 73.8





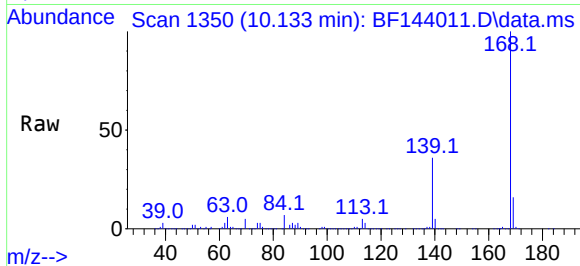
#55
Dibenzenofuran
Concen: 43.97 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

PB170166BS

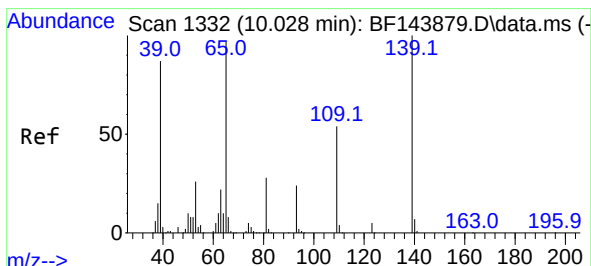
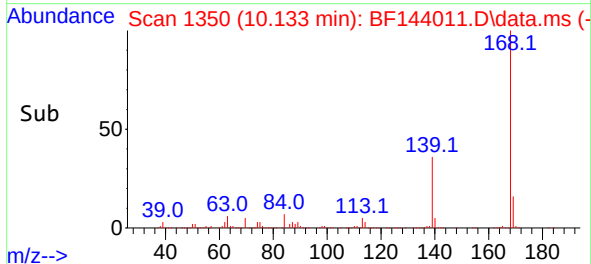
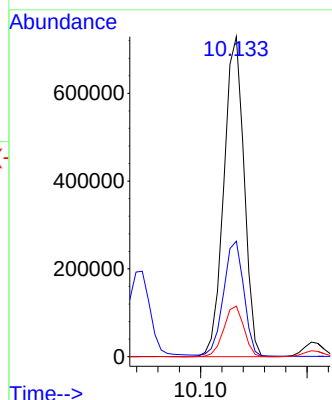


Tgt Ion:168 Resp: 957500
Ion Ratio Lower Upper
168 100
139 36.1 29.8 44.8
169 15.8 12.8 19.2

Manual Integrations

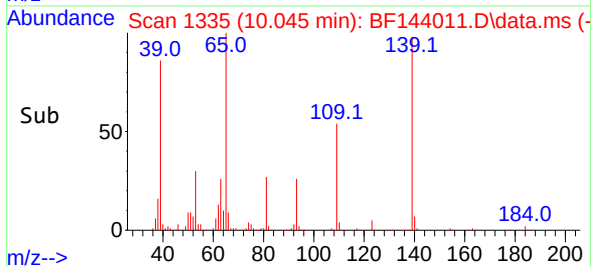
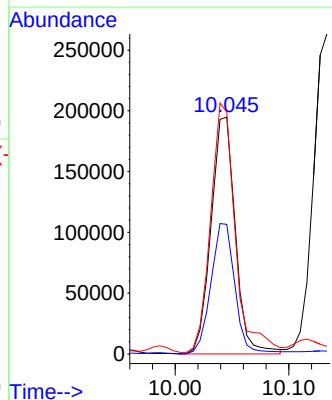
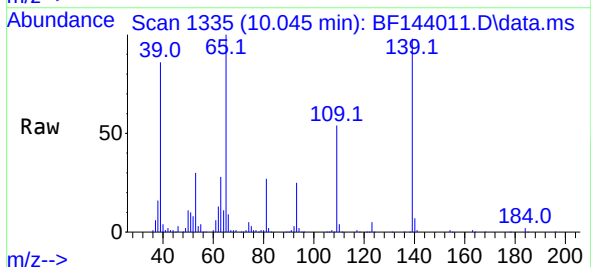
APPROVED

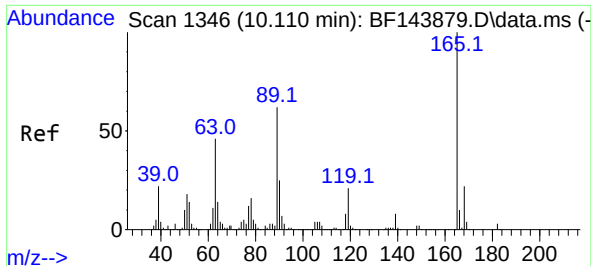
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#56
4-Nitrophenol
Concen: 87.47 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Tgt Ion:139 Resp: 289721
Ion Ratio Lower Upper
139 100
109 54.7 34.5 74.5
65 102.1 77.6 117.6





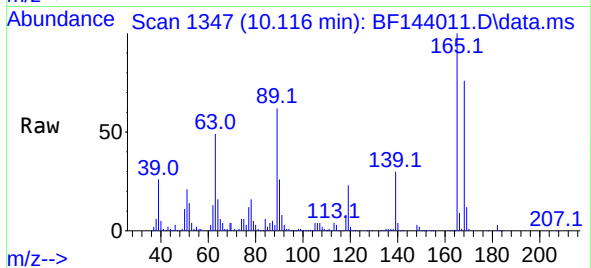
#57
2,4-Dinitrotoluene
Concen: 53.05 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

PB170166BS

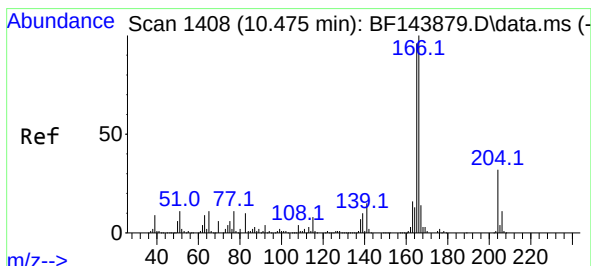
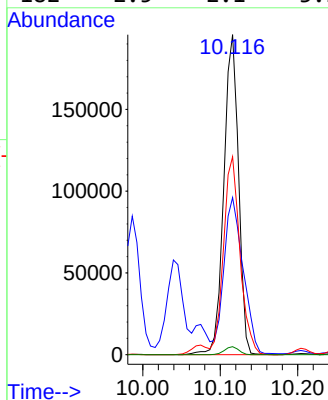
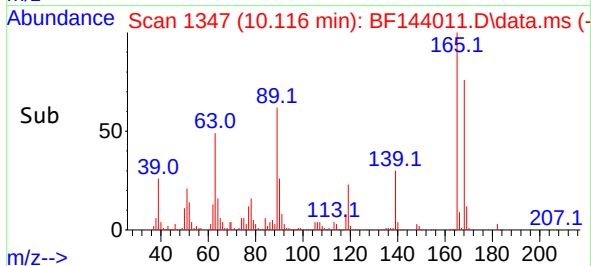


Tgt Ion:165 Resp: 25788
Ion Ratio Lower Upper
165 100
63 49.1 37.2 55.8
89 61.9 49.4 74.2
182 2.5 2.1 3.1

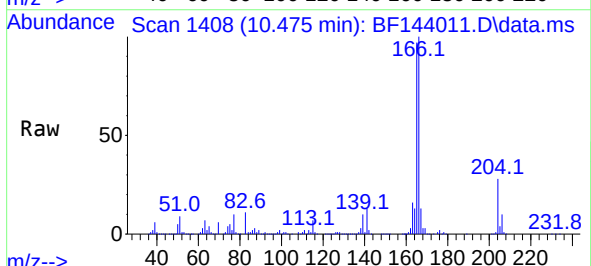
Manual Integrations

APPROVED

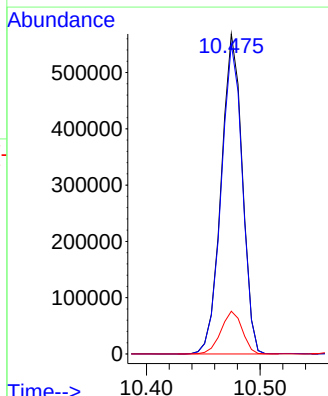
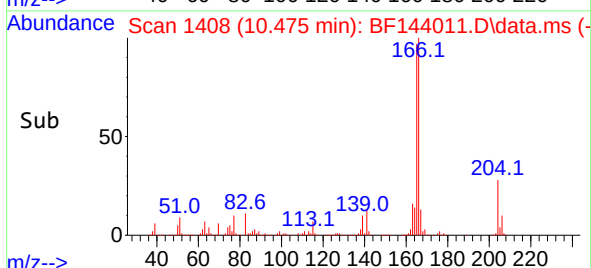
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

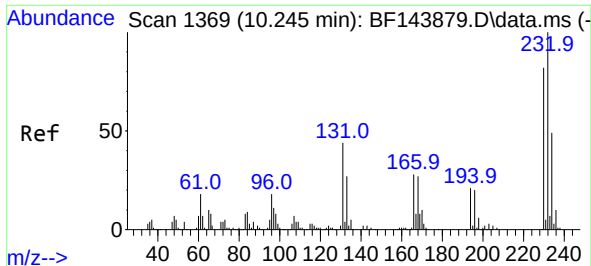


#58
Fluorene
Concen: 44.67 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



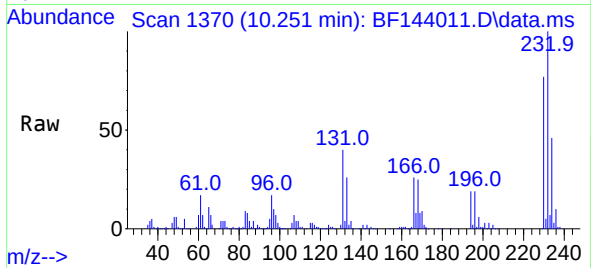
Tgt Ion:166 Resp: 734096
Ion Ratio Lower Upper
166 100
165 96.9 77.0 115.6
167 13.3 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.28 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

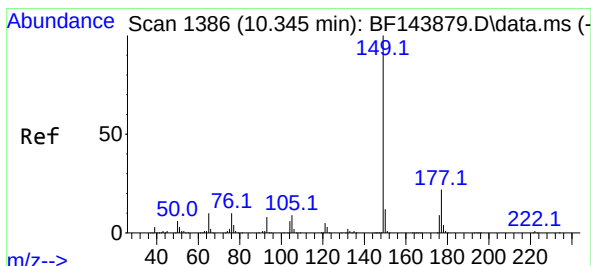
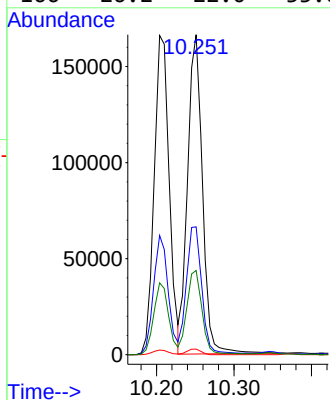
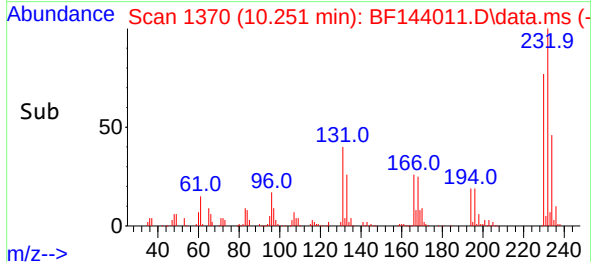
Instrument :
BNA_F
ClientSampleId :
PB170166BS



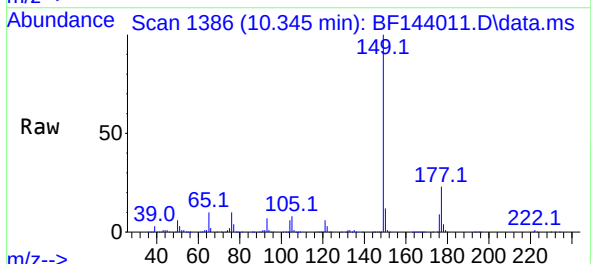
Tgt Ion:232 Resp: 221268
Ion Ratio Lower Upper
232 100
131 41.8 34.9 52.3
130 1.7 1.6 2.4
166 26.2 22.0 33.0

Manual Integrations
APPROVED

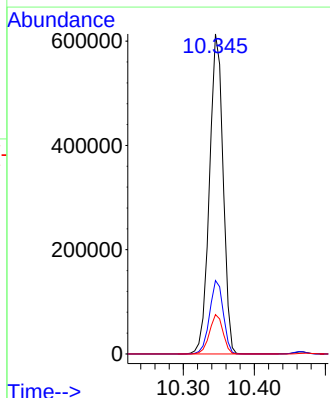
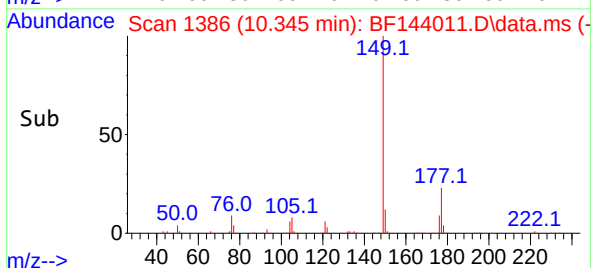
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

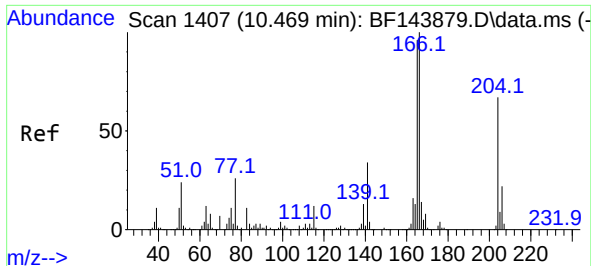


#60
Diethylphthalate
Concen: 45.79 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



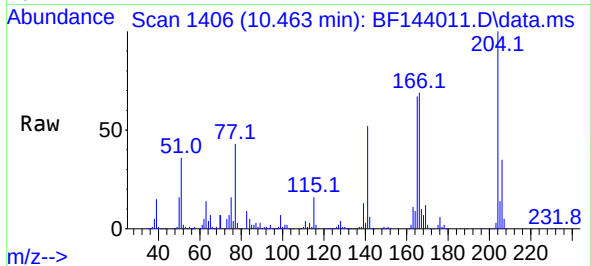
Tgt Ion:149 Resp: 819628
Ion Ratio Lower Upper
149 100
177 23.0 17.9 26.9
150 12.3 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 44.37 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

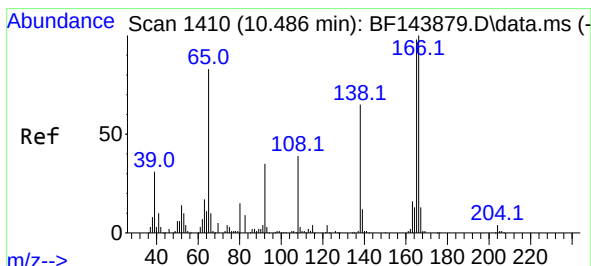
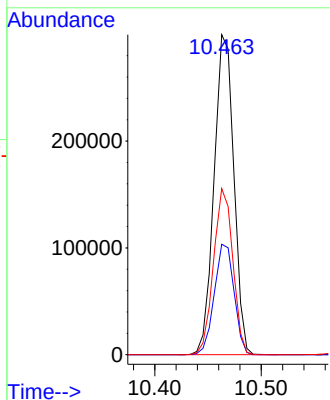
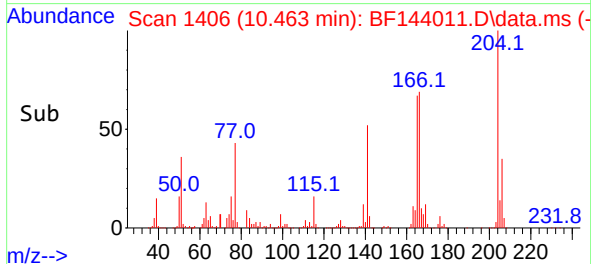
Instrument :
BNA_F
ClientSampleId :
PB170166BS



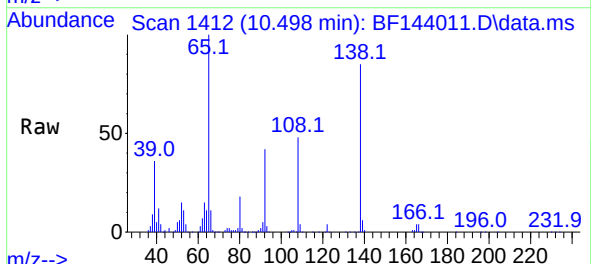
Tgt Ion:204 Resp: 385490
Ion Ratio Lower Upper
204 100
206 34.5 26.6 40.0
141 51.9 40.4 60.6

Manual Integrations
APPROVED

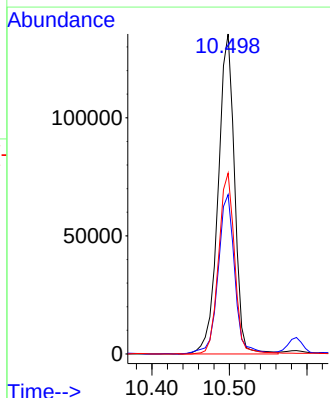
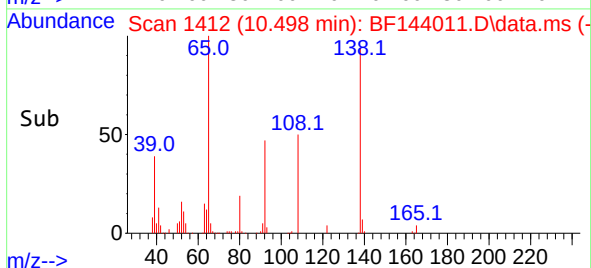
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

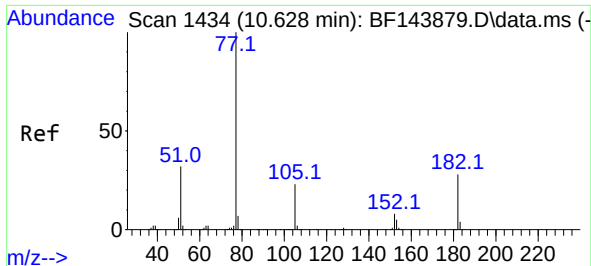


#62
4-Nitroaniline
Concen: 47.34 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



Tgt Ion:138 Resp: 199147
Ion Ratio Lower Upper
138 100
92 49.8 33.9 73.9
108 56.5 40.2 80.2





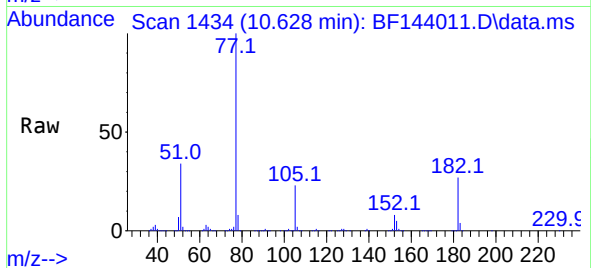
#63
Azobenzene
Concen: 46.35 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

PB170166BS



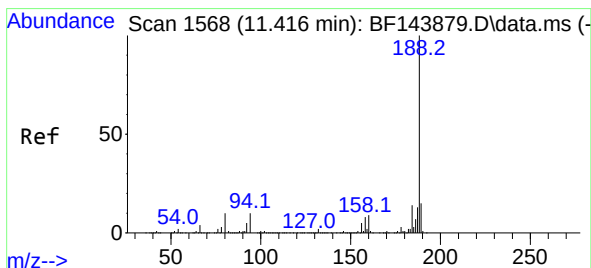
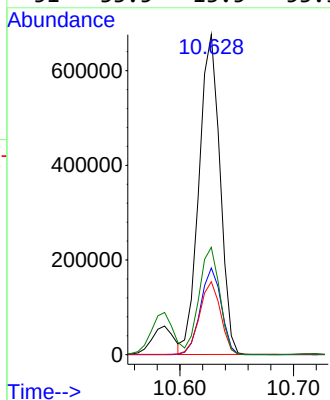
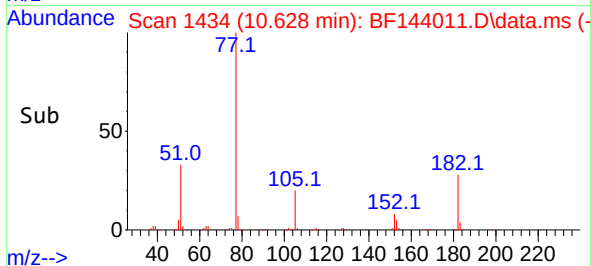
Tgt Ion: 77 Resp: 866985
Ion Ratio Lower Upper
77 100
182 27.1 7.3 47.3
105 22.8 3.0 43.0
51 33.5 13.5 53.5

Manual Integrations

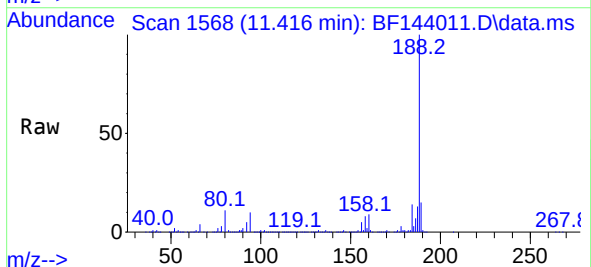
APPROVED

Reviewed By :Rahul Chavli 10/22/2025

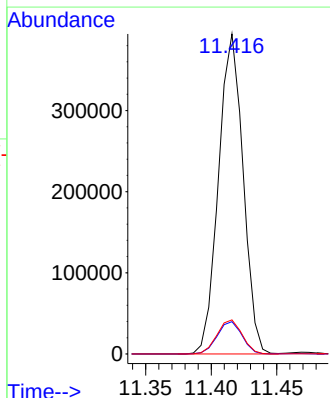
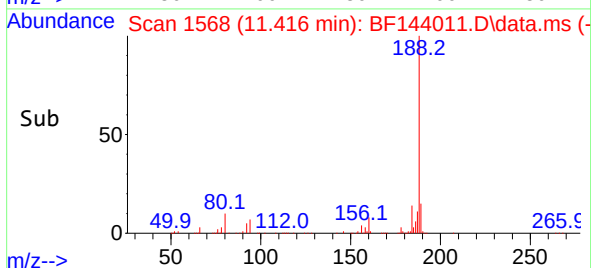
Supervised By :Jagrut Upadhyay 10/22/2025

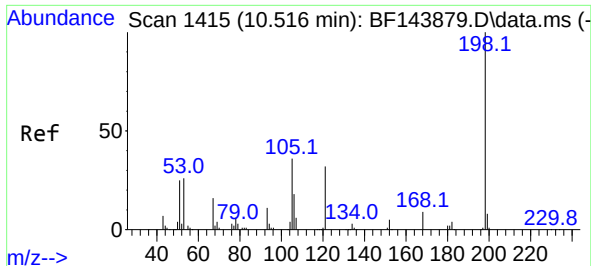


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



Tgt Ion:188 Resp: 514428
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 10.7 7.9 11.9





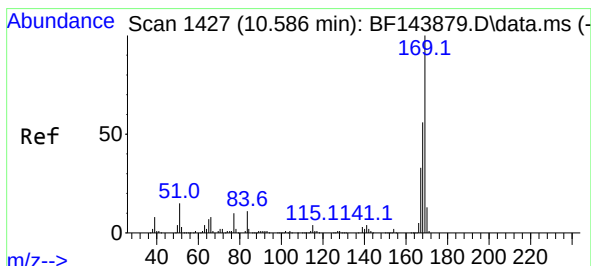
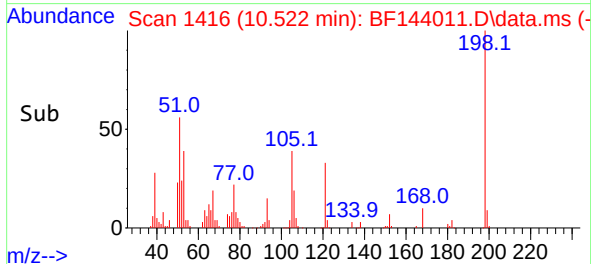
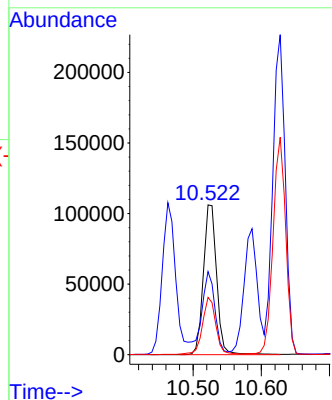
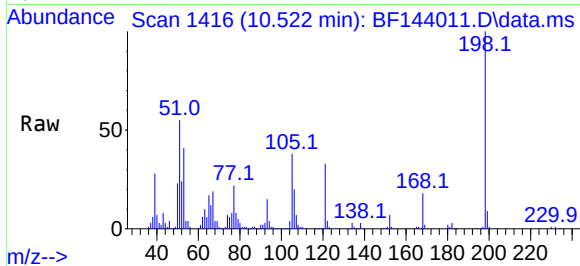
#65
4,6-Dinitro-2-methylphenol
Concen: 55.57 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :
BNA_F
ClientSampleId :
PB170166BS

Tgt Ion:198 Resp: 143660
Ion Ratio Lower Upper
198 100
51 55.5 33.8 73.8
105 38.2 17.0 57.0

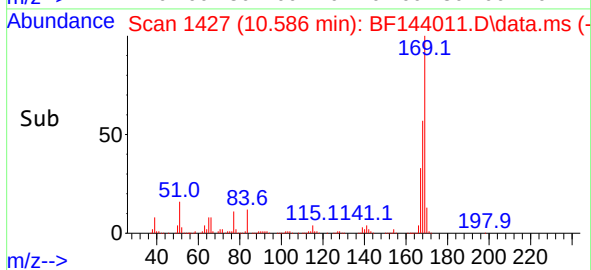
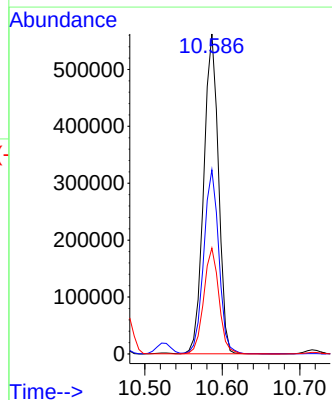
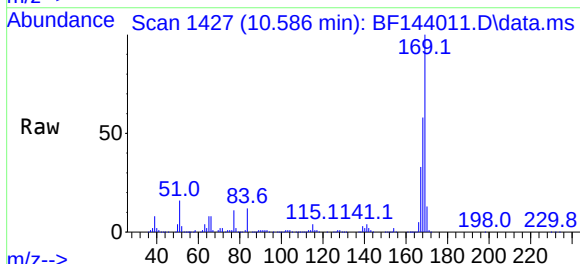
Manual Integrations
APPROVED

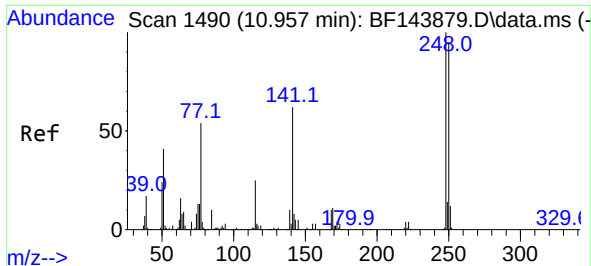
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#66
n-Nitrosodiphenylamine
Concen: 45.92 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

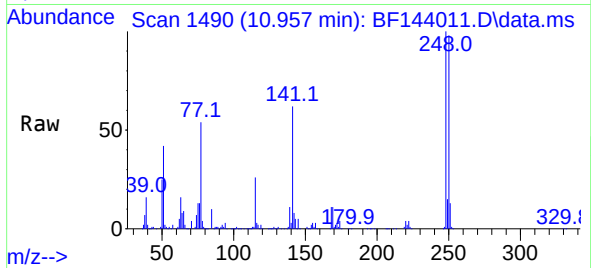
Tgt Ion:169 Resp: 741697
Ion Ratio Lower Upper
169 100
168 57.6 44.9 67.3
167 33.1 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 44.69 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

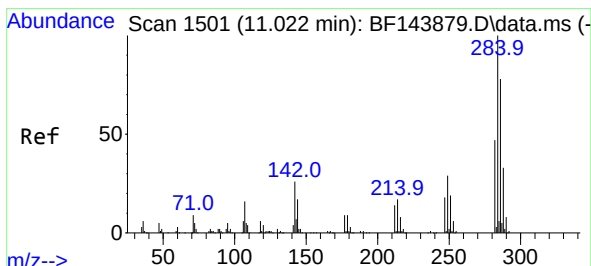
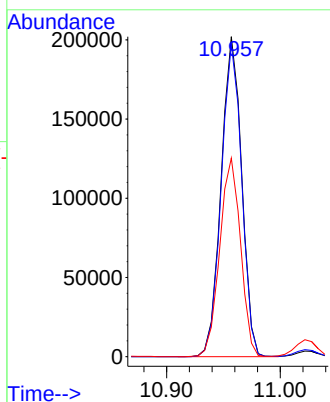
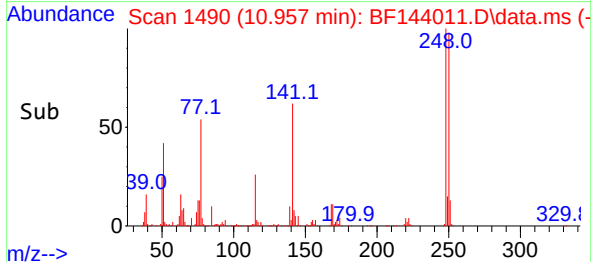
Instrument :
BNA_F
ClientSampleId :
PB170166BS



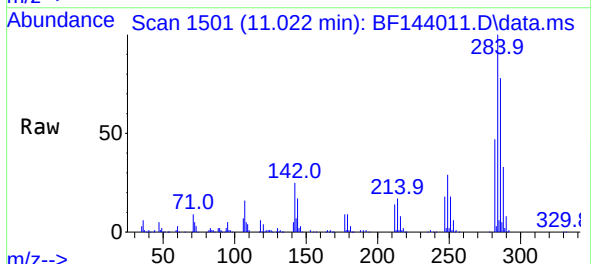
Tgt Ion:248 Resp: 254094
Ion Ratio Lower Upper
248 100
250 97.8 76.3 114.5
141 62.1 49.7 74.5

Manual Integrations
APPROVED

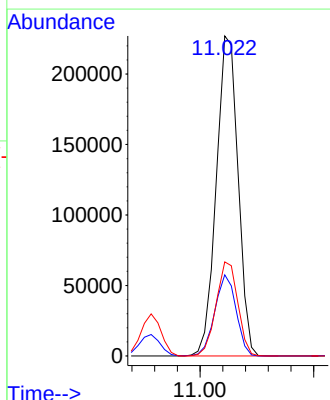
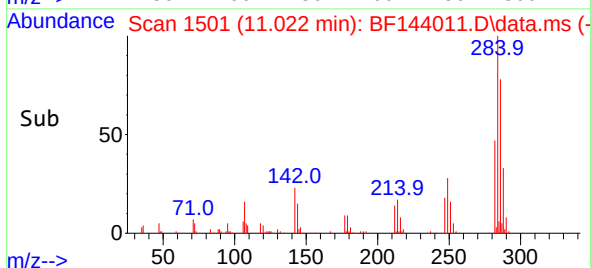
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

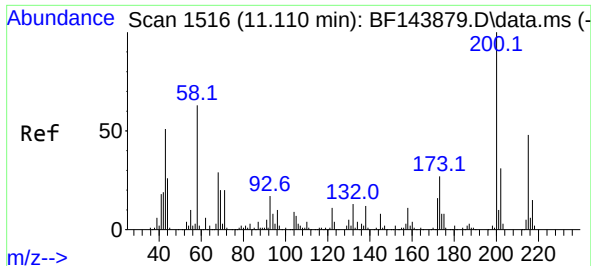


#68
Hexachlorobenzene
Concen: 45.95 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



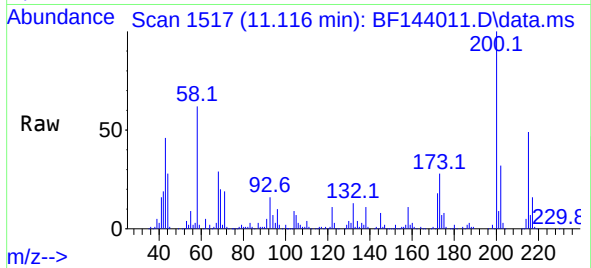
Tgt Ion:284 Resp: 302432
Ion Ratio Lower Upper
284 100
142 25.4 20.6 30.8
249 29.4 23.2 34.8





#69
Atrazine
Concen: 49.24 ng
RT: 11.116 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

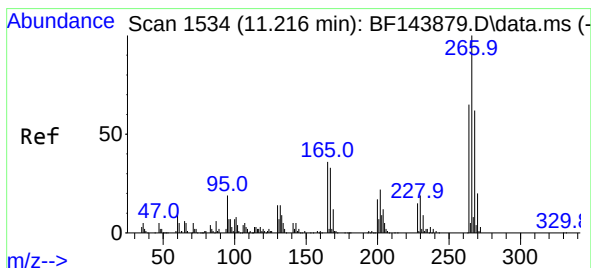
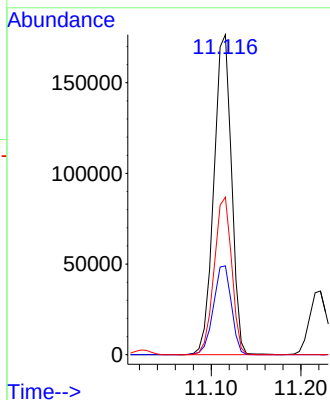
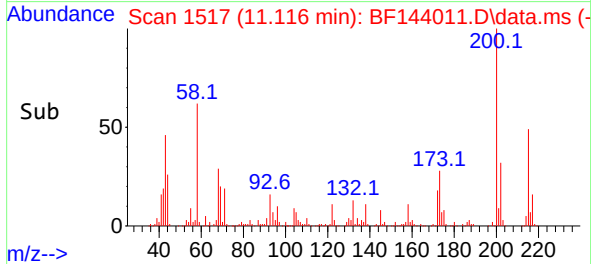
Instrument :
BNA_F
ClientSampleId :
PB170166BS



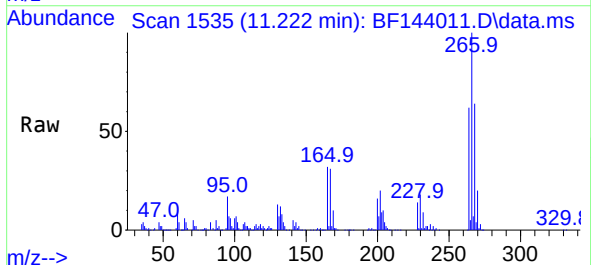
Tgt Ion:200 Resp: 241090
Ion Ratio Lower Upper
200 100
173 27.8 7.0 47.0
215 49.2 27.8 67.8

Manual Integrations
APPROVED

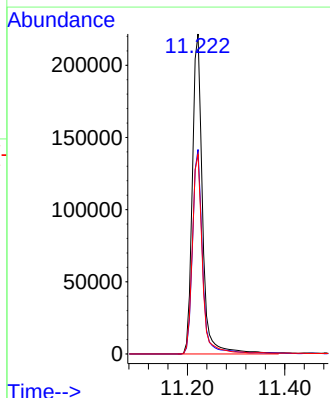
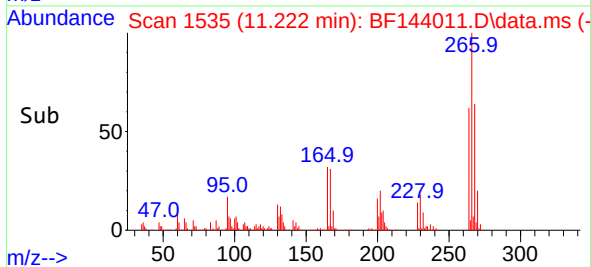
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

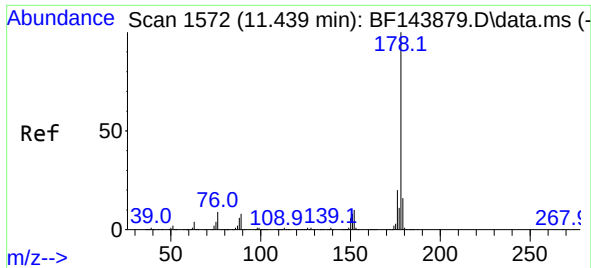


#70
Pentachlorophenol
Concen: 85.52 ng
RT: 11.222 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



Tgt Ion:266 Resp: 323274
Ion Ratio Lower Upper
266 100
268 63.9 49.4 74.0
264 62.4 51.8 77.6





#71
Phenanthrene
Concen: 45.37 ng
RT: 11.439 min Scan# 11572
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

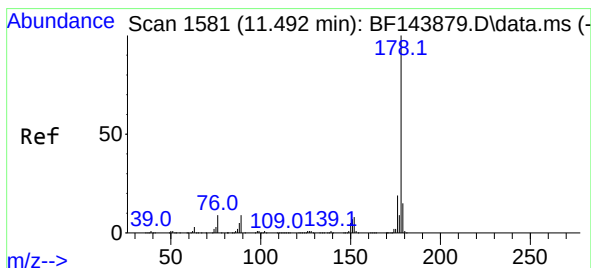
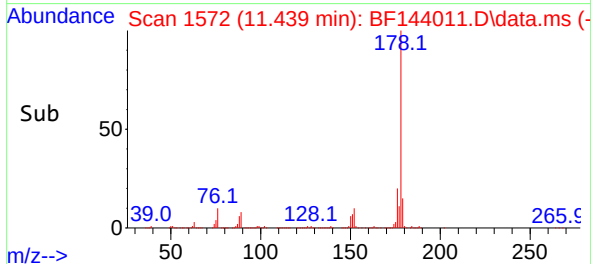
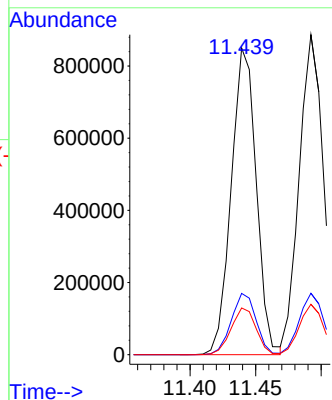
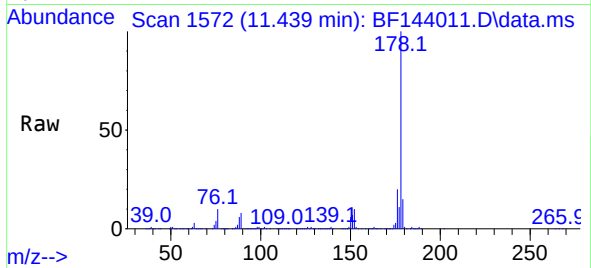
PB170166BS

Tgt Ion:178 Resp: 1131472
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.3 12.4 18.6

Manual Integrations

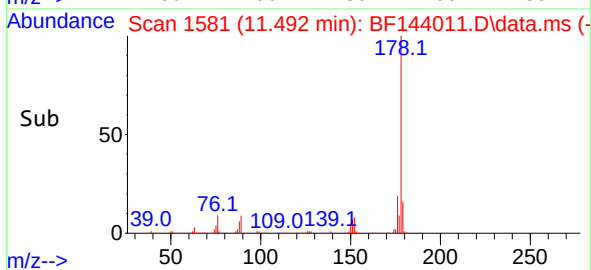
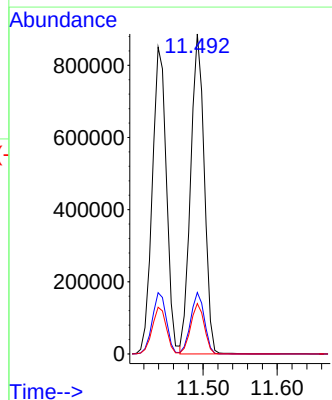
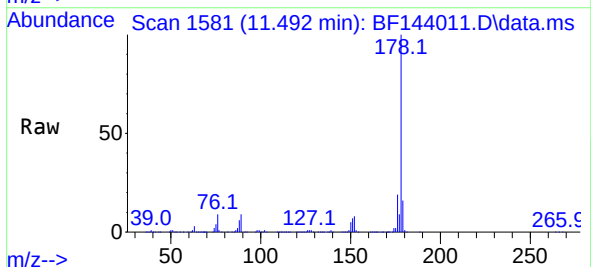
APPROVED

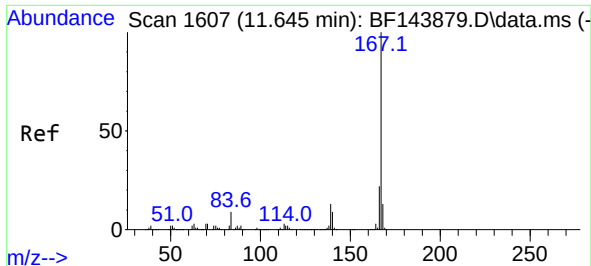
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#72
Anthracene
Concen: 44.95 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Tgt Ion:178 Resp: 1132576
Ion Ratio Lower Upper
178 100
176 19.2 14.9 22.3
179 15.7 12.2 18.2





#73
 Carbazole
 Concen: 45.04 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF144011.D
 Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

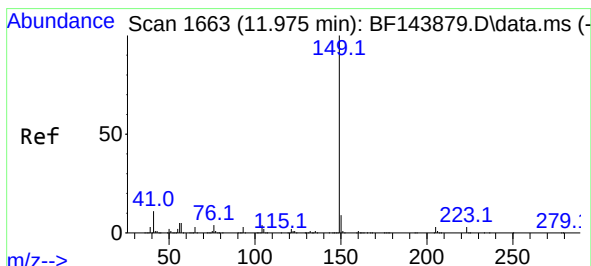
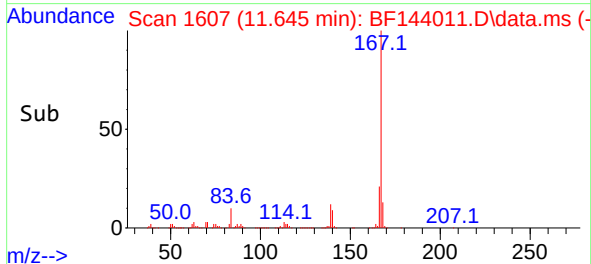
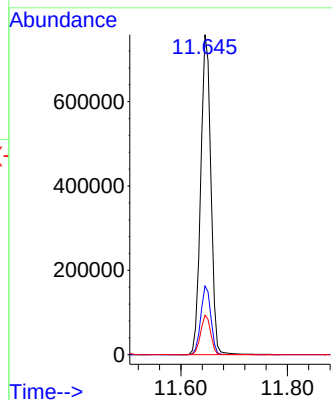
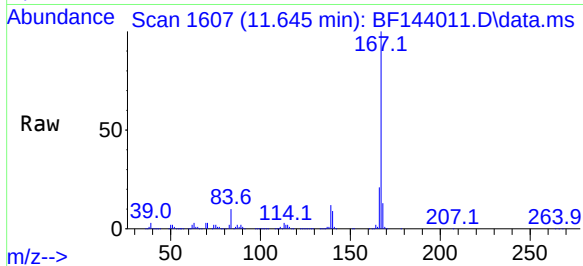
PB170166BS

Tgt Ion:167 Resp: 100501
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.3 10.1 15.1

Manual Integrations

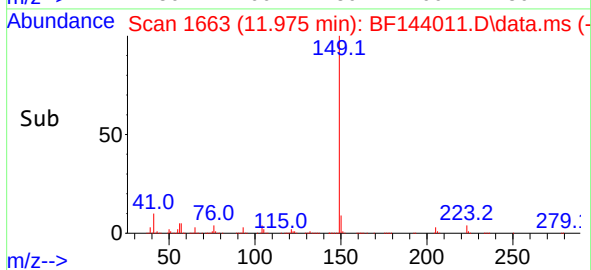
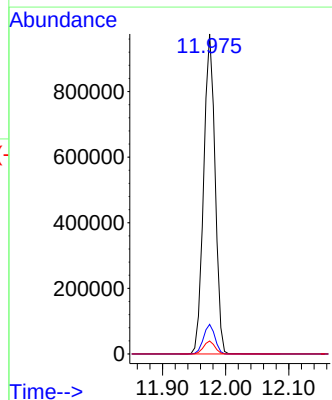
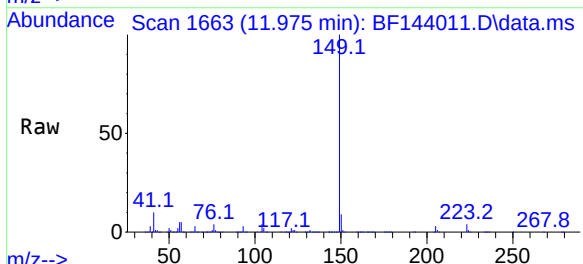
APPROVED

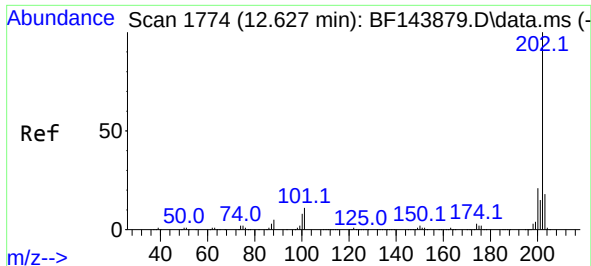
Reviewed By :Rahul Chavli 10/22/2025
 Supervised By :Jagrut Upadhyay 10/22/2025



#74
 Di-n-butylphthalate
 Concen: 47.47 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF144011.D
 Acq: 21 Oct 2025 14:26

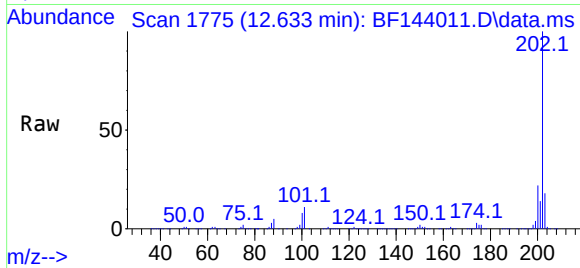
Tgt Ion:149 Resp: 1227652
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.0 3.4 5.2





#75
Fluoranthene
Concen: 45.05 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

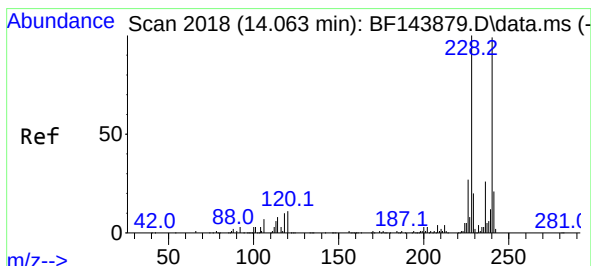
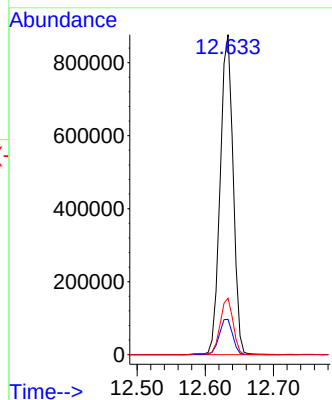
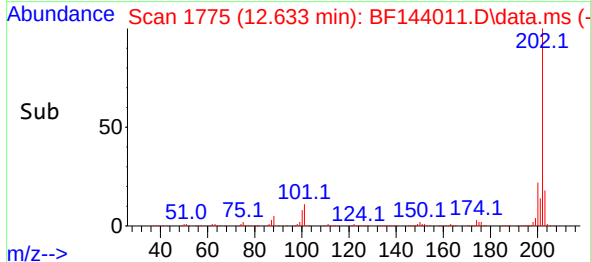
Instrument :
BNA_F
ClientSampleId :
PB170166BS



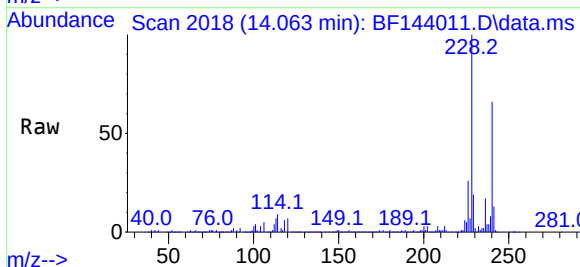
Tgt Ion:202 Resp: 1160588
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.7
203 17.7 0.0 37.8

Manual Integrations
APPROVED

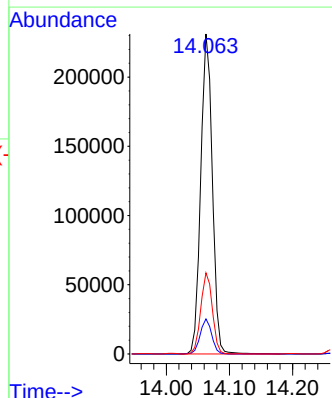
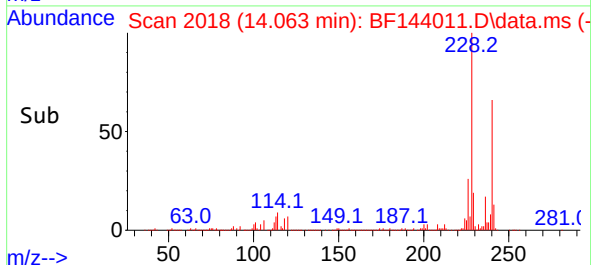
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

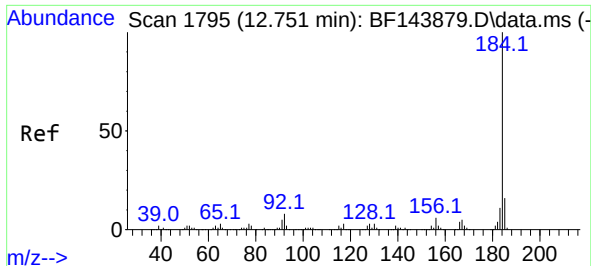


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



Tgt Ion:240 Resp: 294228
Ion Ratio Lower Upper
240 100
120 10.9 8.6 13.0
236 25.4 21.1 31.7





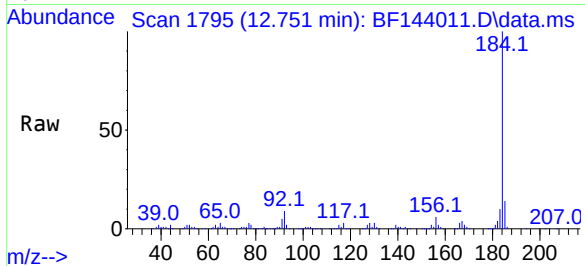
#77
Benzidine
Concen: 27.10 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

PB170166BS

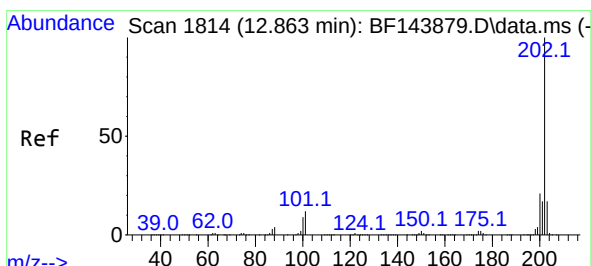
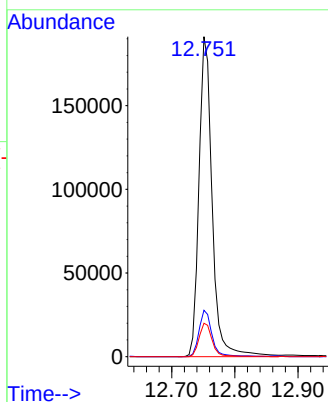
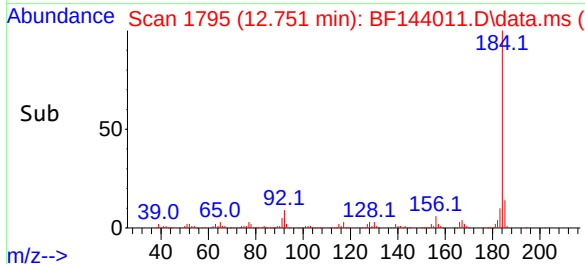


Tgt Ion:184 Resp: 276908
Ion Ratio Lower Upper
184 100
185 14.5 12.6 18.8
183 10.5 8.8 13.2

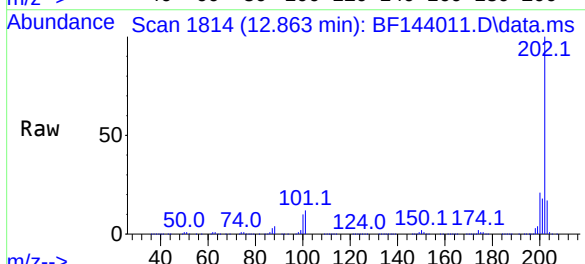
Manual Integrations

APPROVED

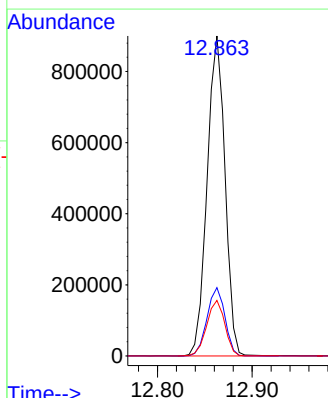
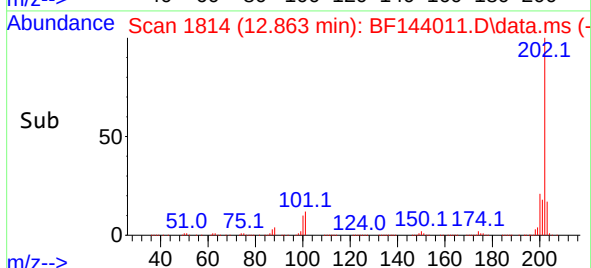
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

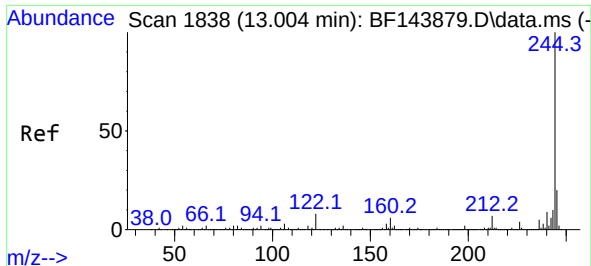


#78
Pyrene
Concen: 48.20 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



Tgt Ion:202 Resp: 1182316
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.3 13.8 20.6





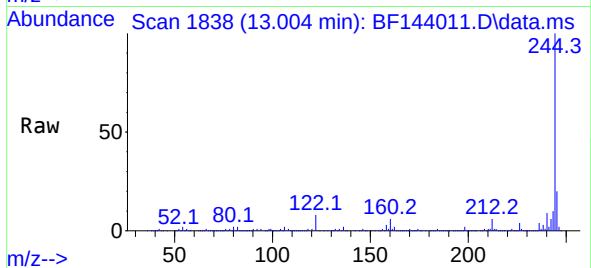
#79
 Terphenyl-d14
 Concen: 93.60 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF144011.D
 Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

PB170166BS

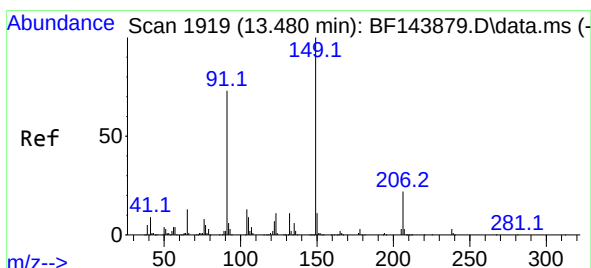
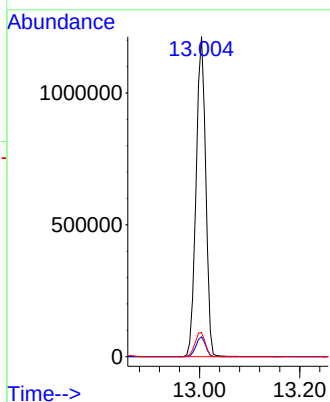
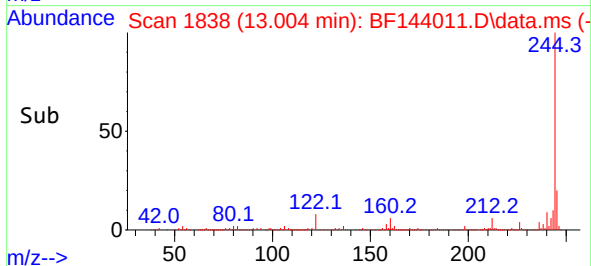


Tgt Ion:244 Resp: 1611319
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 7.6 6.4 9.6

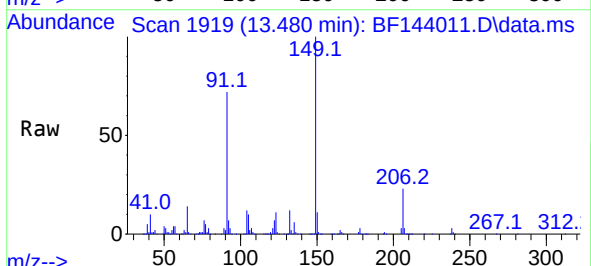
Manual Integrations

APPROVED

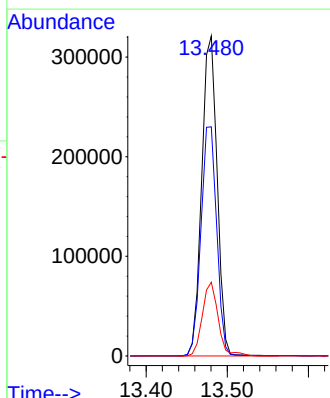
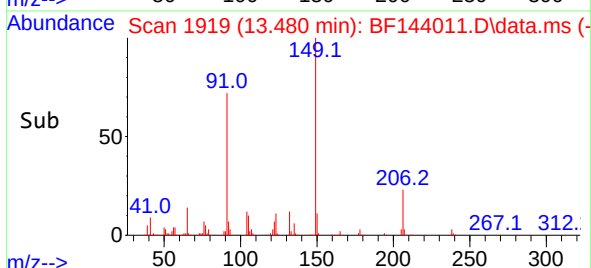
Reviewed By :Rahul Chavli 10/22/2025
 Supervised By :Jagrut Upadhyay 10/22/2025

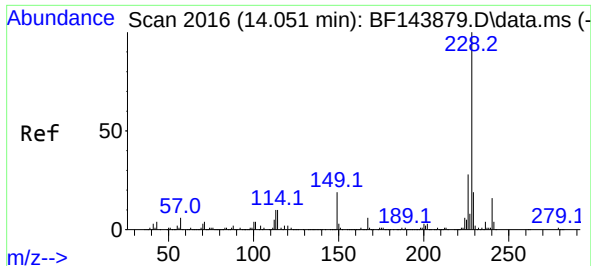


#80
 Butylbenzylphthalate
 Concen: 53.13 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF144011.D
 Acq: 21 Oct 2025 14:26



Tgt Ion:149 Resp: 423233
 Ion Ratio Lower Upper
 149 100
 91 71.6 58.2 87.2
 206 23.0 17.9 26.9





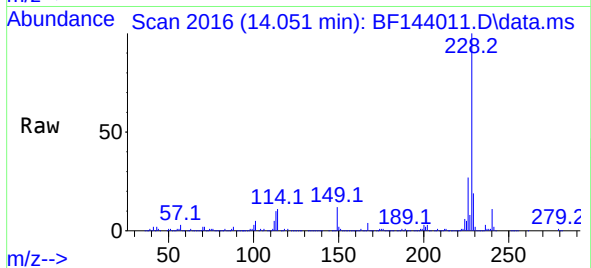
#81
Benzo(a)anthracene
Concen: 49.82 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

PB170166BS

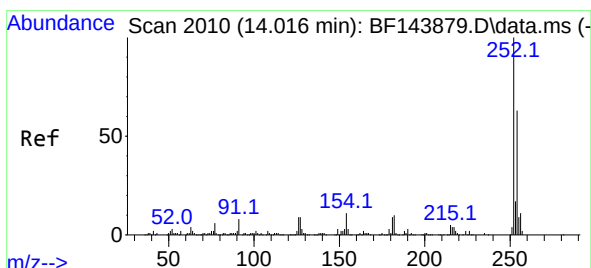
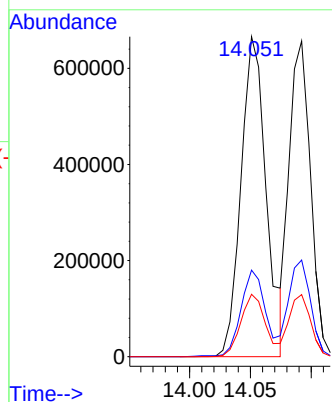
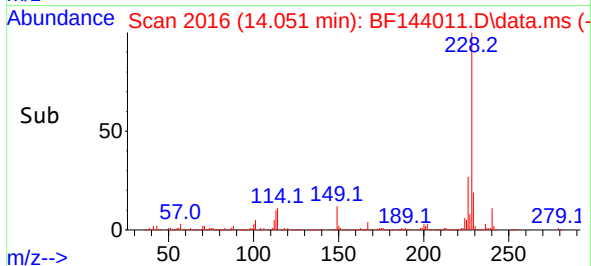


Tgt Ion:228 Resp: 959279
Ion Ratio Lower Upper
228 100
226 27.0 22.2 33.2
229 19.5 15.6 23.4

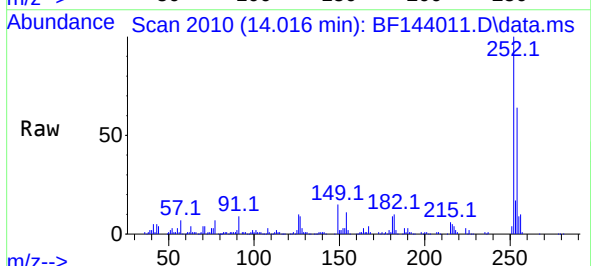
Manual Integrations

APPROVED

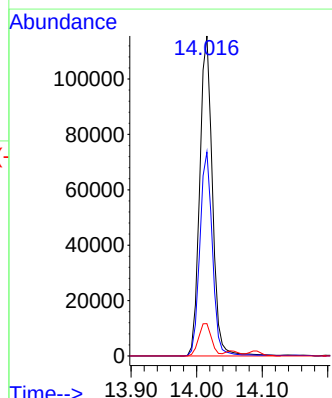
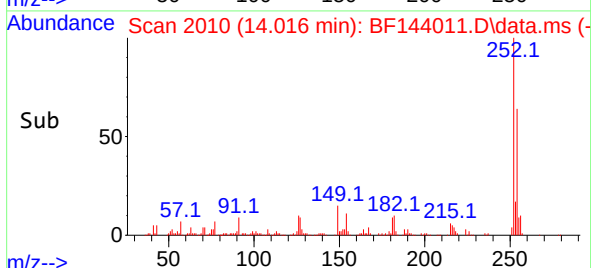
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

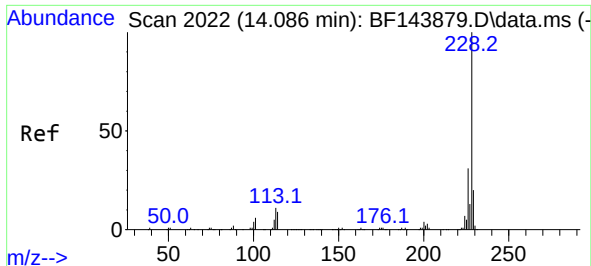


#82
3,3'-Dichlorobenzidine
Concen: 26.56 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



Tgt Ion:252 Resp: 155849
Ion Ratio Lower Upper
252 100
254 63.7 50.6 76.0
126 10.1 7.0 10.6





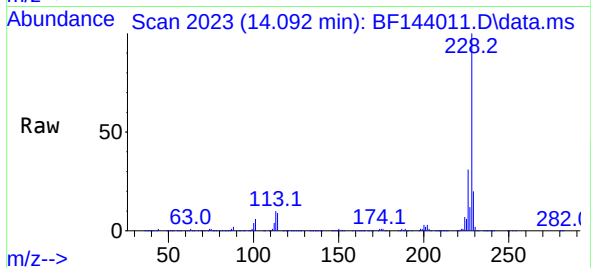
#83
Chrysene
Concen: 45.31 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

PB170166BS

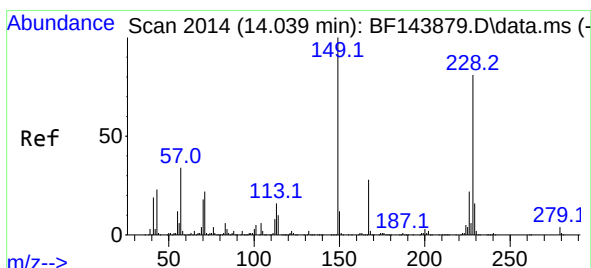
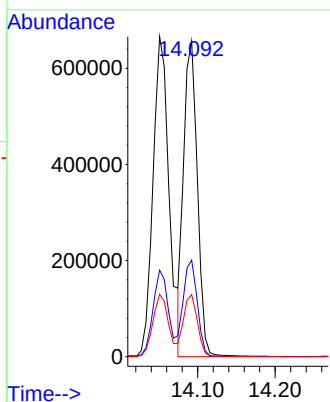
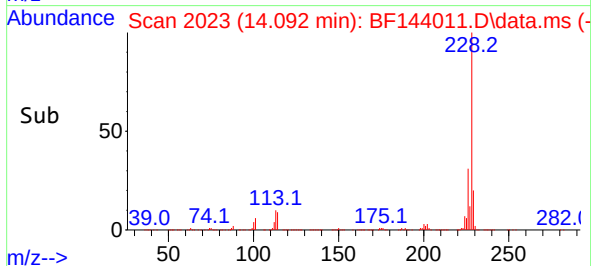


Tgt Ion:228 Resp: 80748
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 19.7 15.9 23.9

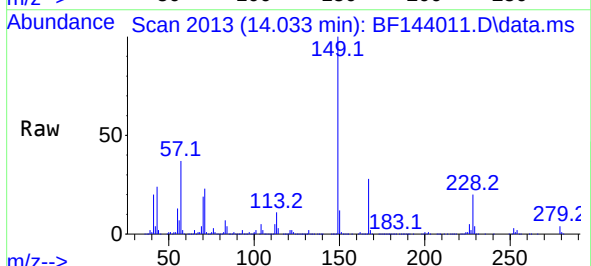
Manual Integrations

APPROVED

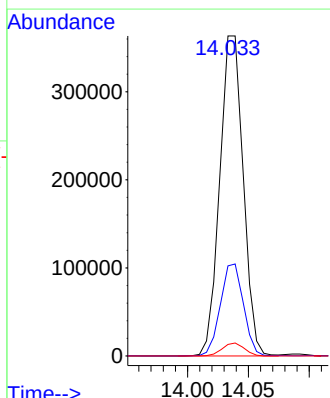
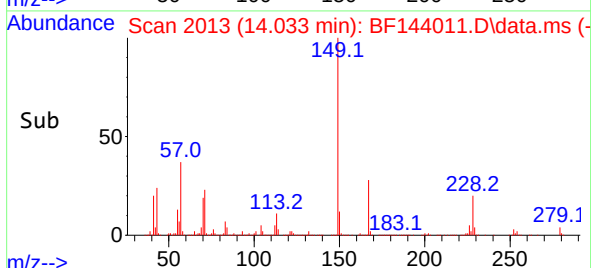
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

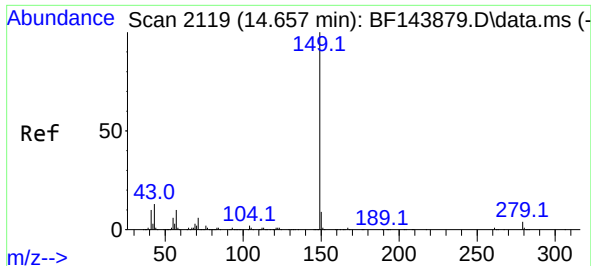


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.87 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



Tgt Ion:149 Resp: 488485
Ion Ratio Lower Upper
149 100
167 28.1 22.2 33.4
279 3.6 3.1 4.7





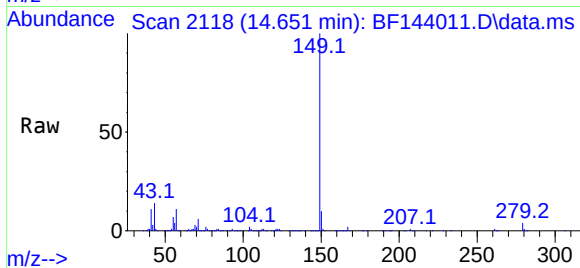
#85
Di-n-octyl phthalate
Concen: 46.97 ng
RT: 14.651 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

PB170166BS

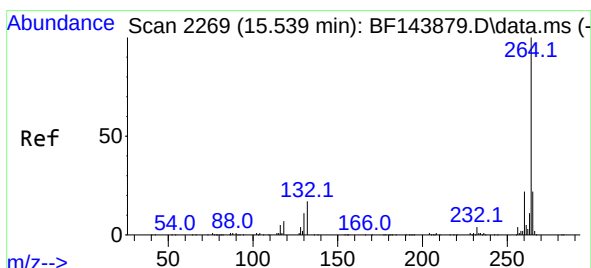
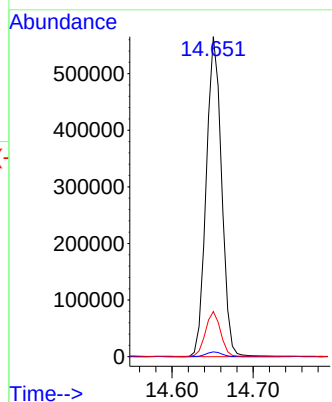
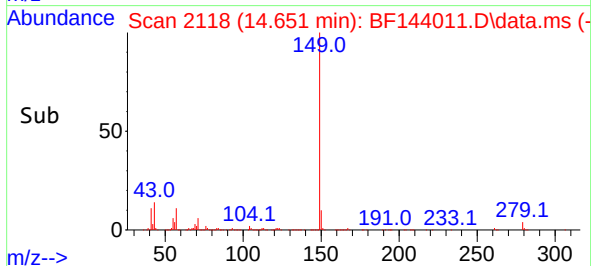


Tgt Ion:149 Resp: 74085
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 13.7 11.0 16.4

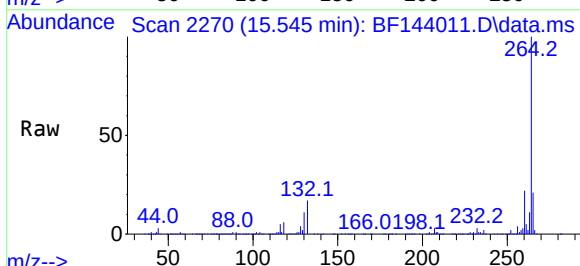
Manual Integrations

APPROVED

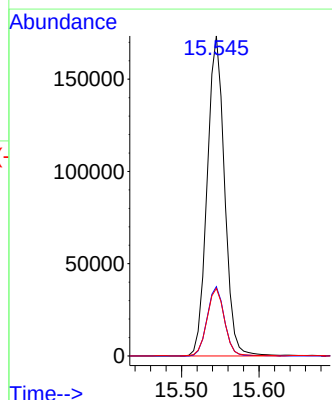
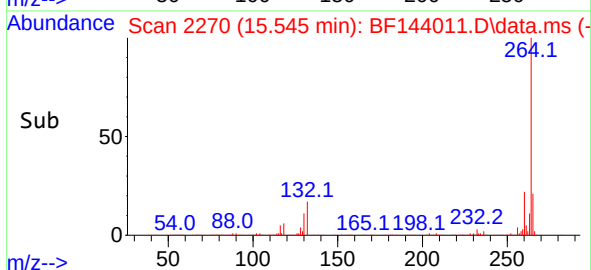
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

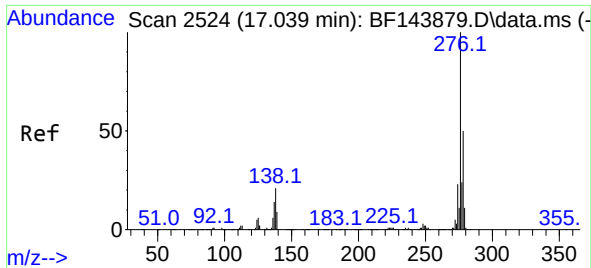


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



Tgt Ion:264 Resp: 269889
Ion Ratio Lower Upper
264 100
260 21.7 17.8 26.8
265 21.1 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.39 ng
RT: 17.051 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

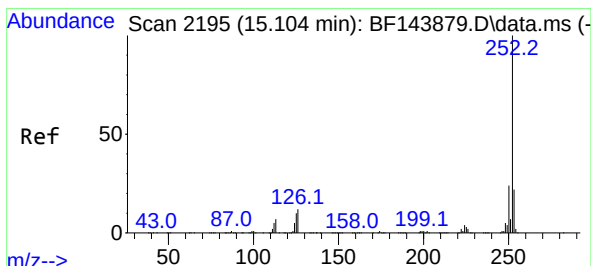
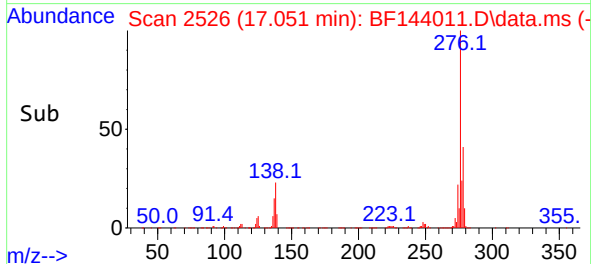
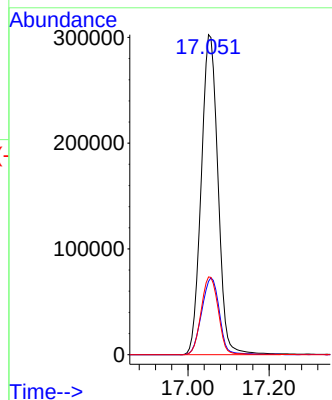
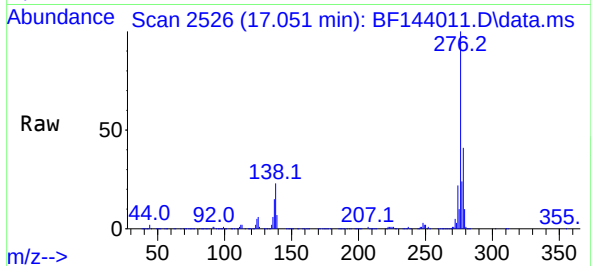
PB170166BS

Tgt Ion:276 Resp: 86636
Ion Ratio Lower Upper
276 100
138 25.4 18.2 27.2
277 24.9 19.8 29.6

Manual Integrations

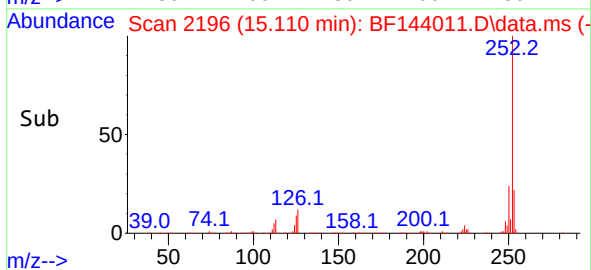
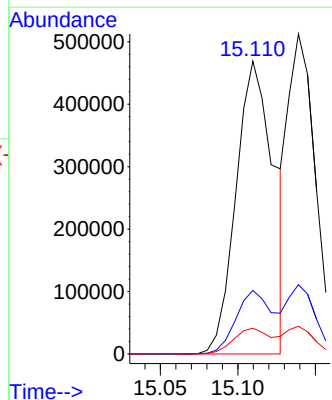
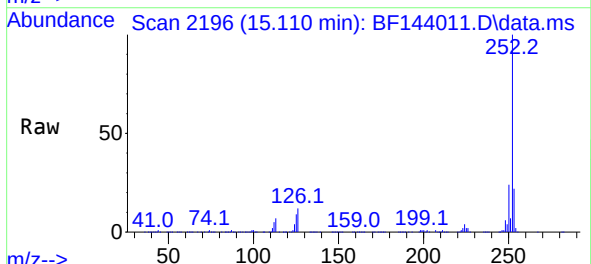
APPROVED

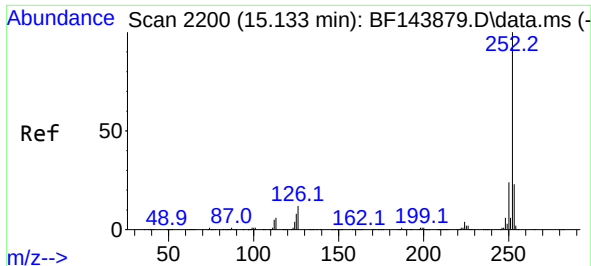
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#88
Benzo(b)fluoranthene
Concen: 51.16 ng
RT: 15.110 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Tgt Ion:252 Resp: 793165
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 8.8 7.8 11.6





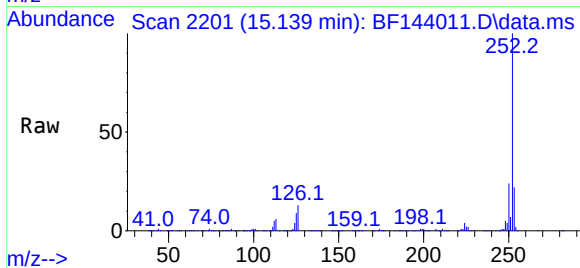
#89
Benzo(k)fluoranthene
Concen: 44.22 ng
RT: 15.139 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

PB170166BS

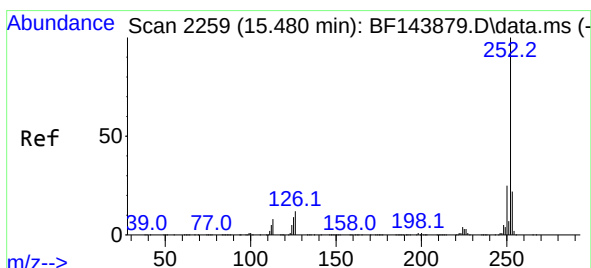
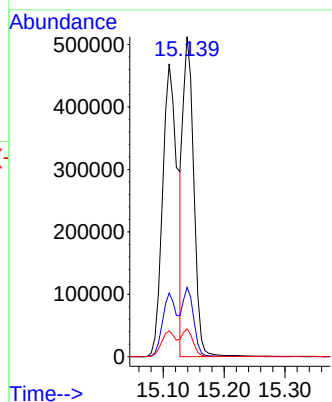
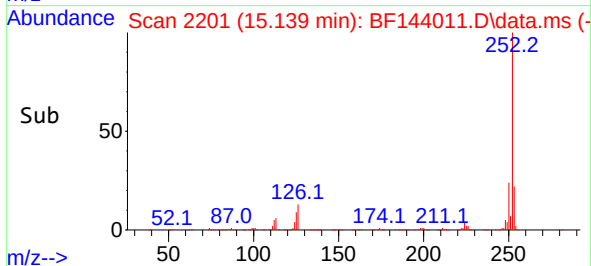


Tgt Ion:252 Resp: 634319
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 8.7 7.4 11.2

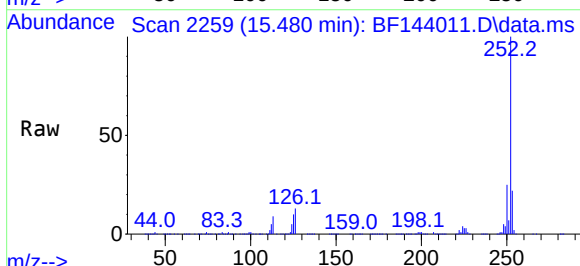
Manual Integrations

APPROVED

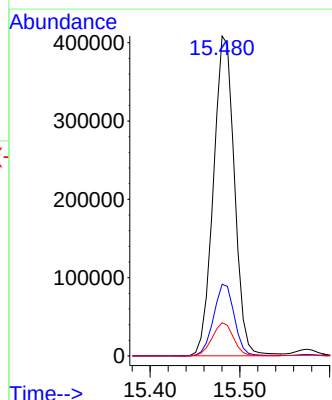
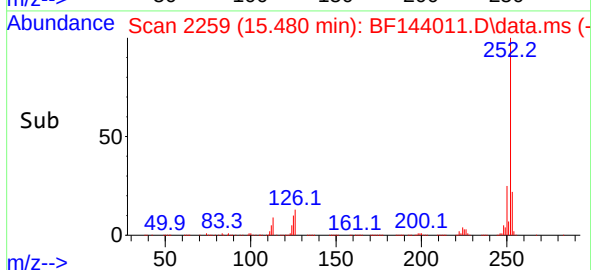
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

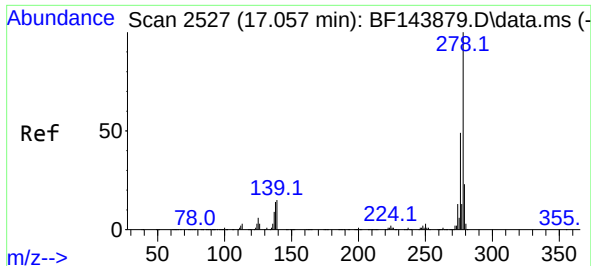


#90
Benzo(a)pyrene
Concen: 49.48 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26



Tgt Ion:252 Resp: 665215
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 10.4 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 52.86 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Instrument :

BNA_F

ClientSampleId :

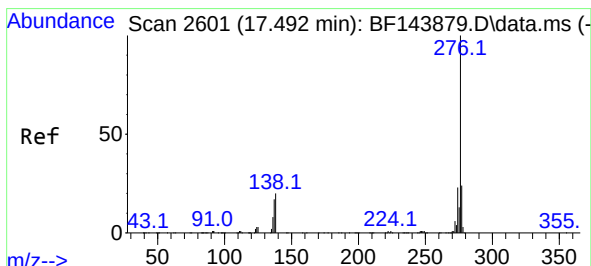
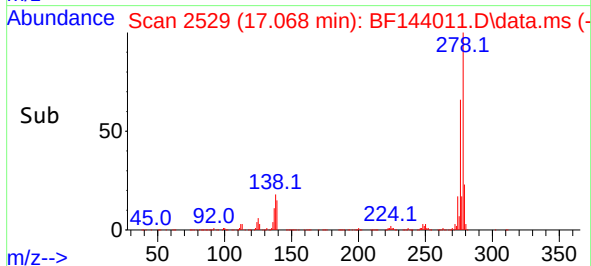
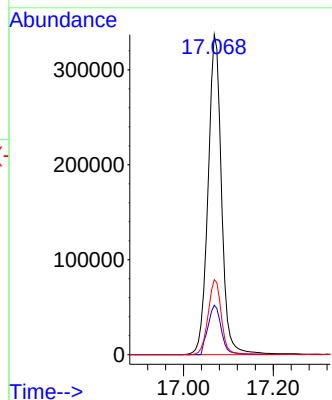
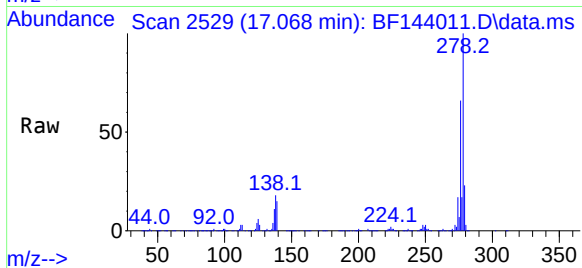
PB170166BS

Tgt Ion:278 Resp: 70301
Ion Ratio Lower Upper
278 100
139 15.4 11.7 17.5
279 23.5 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#92
Benzo(g,h,i)perylene
Concen: 53.47 ng
RT: 17.509 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF144011.D
Acq: 21 Oct 2025 14:26

Tgt Ion:276 Resp: 711157
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 21.9 16.1 24.1

