

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
 Data File : BF144012.D
 Acq On : 21 Oct 2025 14:59
 Operator : RC/JU
 Sample : PB170166BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170166BSD

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 15:23:58 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	133446	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	518625	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	283438	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	479338	20.00	ng	0.00
76) Chrysene-d12	14.063	240	259427	20.00	ng	0.00
86) Perylene-d12	15.545	264	265427	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1028015	122.33	ng	0.01
7) Phenol-d6	6.510	99	1214971	121.30	ng	0.00
23) Nitrobenzene-d5	7.445	82	761520	89.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	381681	135.20	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1418195	79.39	ng	-0.01
79) Terphenyl-d14	13.004	244	1477256	97.32	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	155696	40.04	ng	97
3) Pyridine	3.499	79	453333	40.05	ng	99
4) n-Nitrosodimethylamine	3.446	42	275127	46.20	ng	94
6) Aniline	6.545	93	493609	32.89	ng	98
8) 2-Chlorophenol	6.669	128	387645	47.19	ng	99
9) Benzaldehyde	6.434	77	220406	28.52	ng	99
10) Phenol	6.528	94	541734	45.24	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	422051	45.62	ng	97
12) 1,3-Dichlorobenzene	6.822	146	442429	45.00	ng	99
13) 1,4-Dichlorobenzene	6.898	146	447319	46.12	ng	100
14) 1,2-Dichlorobenzene	7.051	146	439236	47.28	ng	99
15) Benzyl Alcohol	7.022	79	368829	49.14	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1011154	48.02	ng	100
17) 2-Methylphenol	7.134	107	318432	46.91	ng	99
18) Hexachloroethane	7.392	117	149845	46.32	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	306752	44.74	ng	100
20) 3+4-Methylphenols	7.287	107	355988	45.25	ng	# 76
22) Acetophenone	7.292	105	538406	49.10	ng	97
24) Nitrobenzene	7.463	77	456621	48.17	ng	100
25) Isophorone	7.704	82	837165	46.51	ng	99
26) 2-Nitrophenol	7.781	139	224501	55.24	ng	97
27) 2,4-Dimethylphenol	7.816	122	376854	51.55	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	528721	46.50	ng	99
29) 2,4-Dichlorophenol	8.022	162	349149	45.85	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	362396	48.39	ng	98
31) Naphthalene	8.187	128	1064832	45.14	ng	99
32) Benzoic acid	7.945	122	292026m	57.71	ng	
33) 4-Chloroaniline	8.234	127	134768	15.23	ng	97
34) Hexachlorobutadiene	8.304	225	234234	45.01	ng	98
35) Caprolactam	8.610	113	120084m	49.59	ng	
36) 4-Chloro-3-methylphenol	8.716	107	339307	46.38	ng	99
37) 2-Methylnaphthalene	8.881	142	650390	41.39	ng	100
38) 1-Methylnaphthalene	8.981	142	666453	43.72	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	386272	49.31	ng	98
41) Hexachlorocyclopentadiene	9.034	237	367321	113.02	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	260843	45.57	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	281193	46.49	ng	98
46) 1,1'-Biphenyl	9.345	154	921388	49.10	ng	98
47) 2-Chloronaphthalene	9.369	162	709052	45.32	ng	99
48) 2-Nitroaniline	9.463	65	252025	50.95	ng	99
49) Acenaphthylene	9.786	152	1122935	51.05	ng	99
50) Dimethylphthalate	9.645	163	846171	47.01	ng	100
51) 2,6-Dinitrotoluene	9.710	165	183336	54.93	ng	95
52) Acenaphthene	9.957	154	684189	47.47	ng	99
53) 3-Nitroaniline	9.875	138	118984	29.11	ng	95
54) 2,4-Dinitrophenol	9.986	184	185834	89.37	ng	# 90
55) Dibenzofuran	10.133	168	922016	45.32	ng	98
56) 4-Nitrophenol	10.039	139	265552	85.82	ng	94
57) 2,4-Dinitrotoluene	10.116	165	244879	53.92	ng	98
58) Fluorene	10.475	166	699527	45.56	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	209253	48.87	ng	# 98
60) Diethylphthalate	10.345	149	772537	46.20	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	370148	45.60	ng	97
62) 4-Nitroaniline	10.498	138	189298	48.17	ng	93
63) Azobenzene	10.628	77	829185	47.45	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	135373	56.20	ng	98
66) n-Nitrosodiphenylamine	10.586	169	711691	47.29	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	242757	45.83	ng	99
68) Hexachlorobenzene	11.022	284	286318	46.69	ng	99
69) Atrazine	11.116	200	223417	48.98	ng	99
70) Pentachlorophenol	11.222	266	299120	84.92	ng	97
71) Phenanthrene	11.439	178	1051103	45.23	ng	100
72) Anthracene	11.492	178	1067842	45.49	ng	99
73) Carbazole	11.645	167	951696	45.77	ng	99
74) Di-n-butylphthalate	11.975	149	1150551	47.75	ng	99
75) Fluoranthene	12.633	202	1069135	44.54	ng	99
77) Benzidine	12.757	184	257313	28.57	ng	98
78) Pyrene	12.863	202	1087880	50.30	ng	99
80) Butylbenzylphthalate	13.480	149	377145	53.69	ng	99
81) Benzo(a)anthracene	14.051	228	861940	50.77	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	148157	28.64	ng	99
83) Chrysene	14.092	228	744875	47.41	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	442497	52.26	ng	99
85) Di-n-octyl phthalate	14.651	149	730981	52.56	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	873923	53.73	ng	97
88) Benzo(b)fluoranthene	15.110	252	729756	47.86	ng	98
89) Benzo(k)fluoranthene	15.139	252	639376	45.32	ng	100
90) Benzo(a)pyrene	15.486	252	668392	50.56	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	712382	54.46	ng	99
92) Benzo(g,h,i)perylene	17.509	276	717596	54.86	ng	97

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

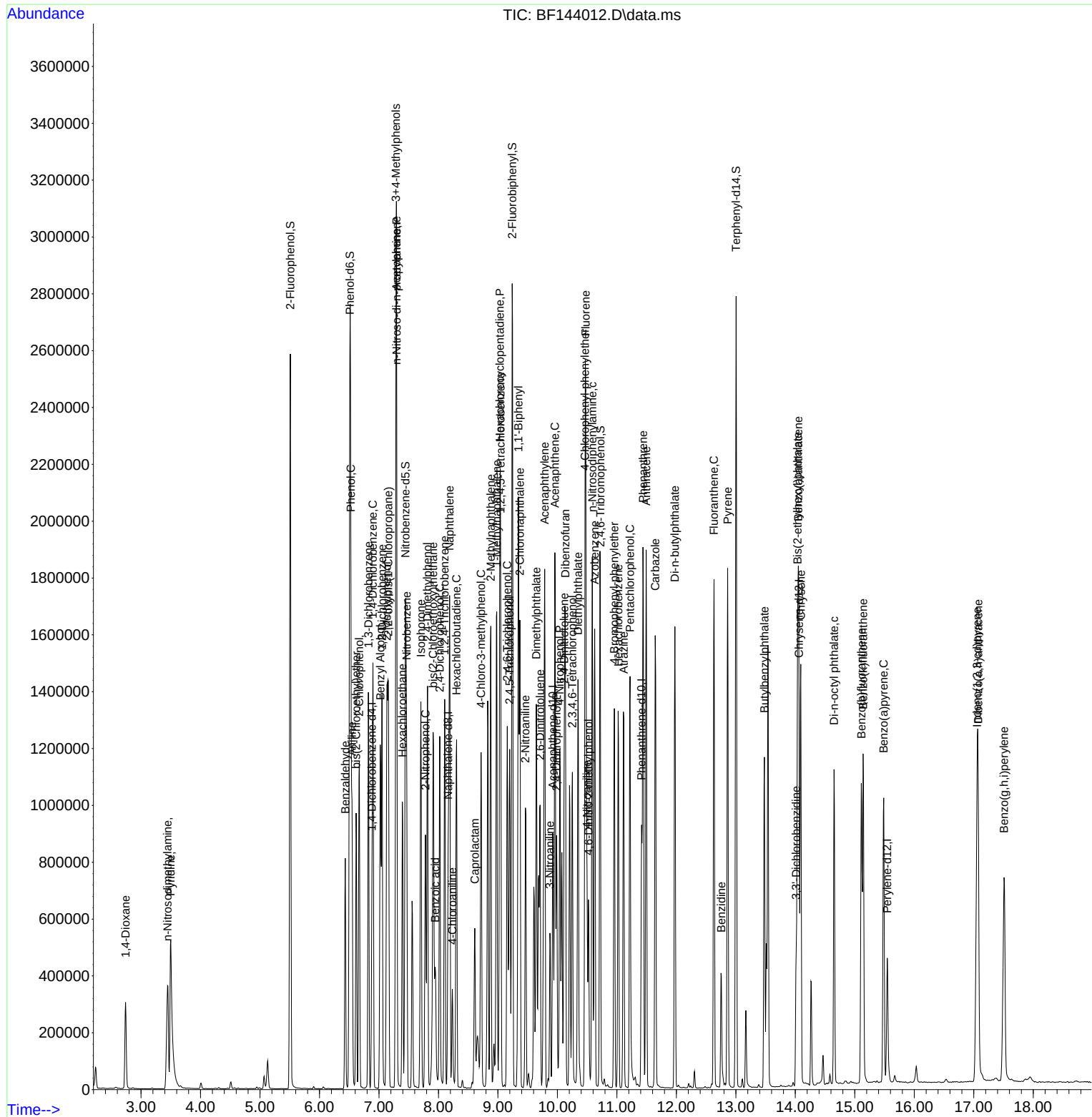
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
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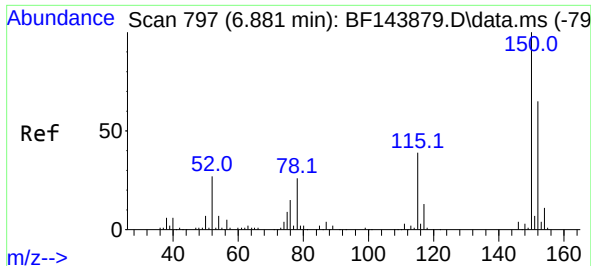
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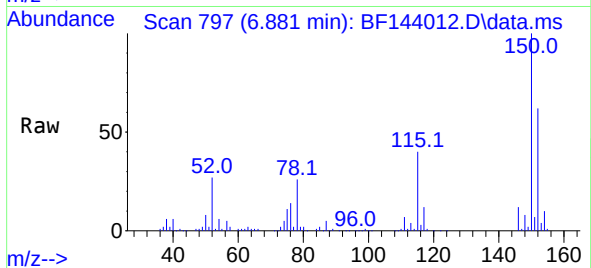
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#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

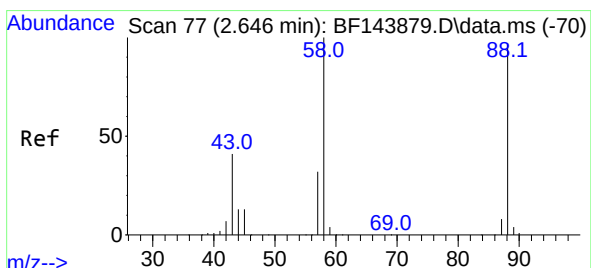
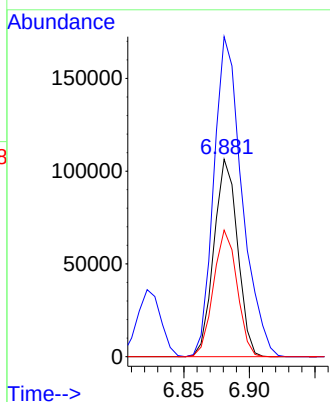
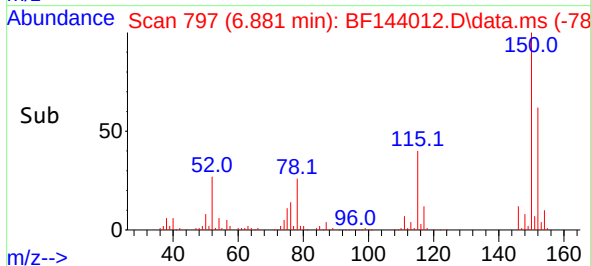
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



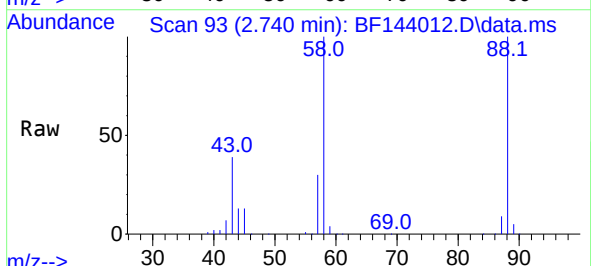
Tgt Ion:152 Resp: 133440
Ion Ratio Lower Upper
152 100
150 162.1 124.4 186.6
115 64.1 48.1 72.1

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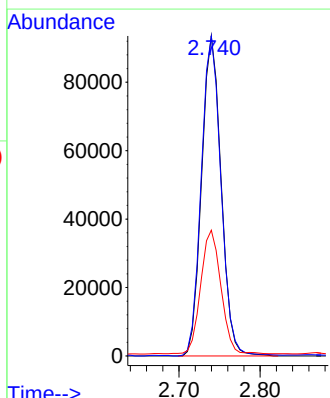
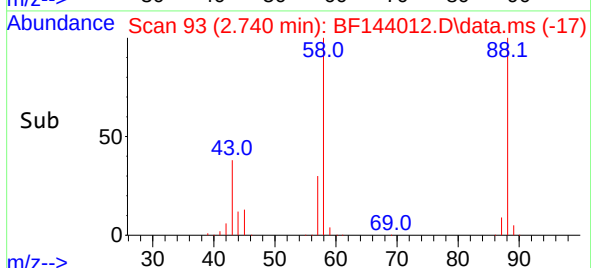
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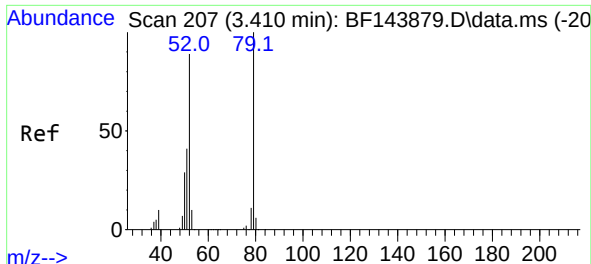


#2
1,4-Dioxane
Concen: 40.04 ng
RT: 2.740 min Scan# 93
Delta R.T. 0.094 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



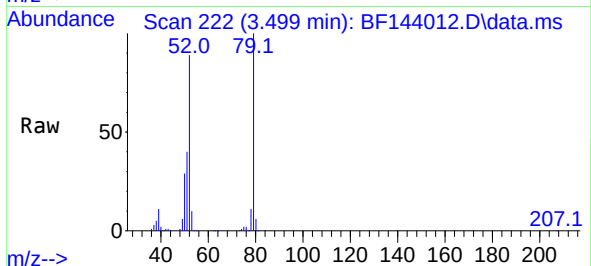
Tgt Ion: 88 Resp: 155696
Ion Ratio Lower Upper
88 100
58 101.5 83.0 124.6
43 39.8 33.9 50.9





#3
Pyridine
Concen: 40.05 ng
RT: 3.499 min Scan# 213
Delta R.T. 0.082 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

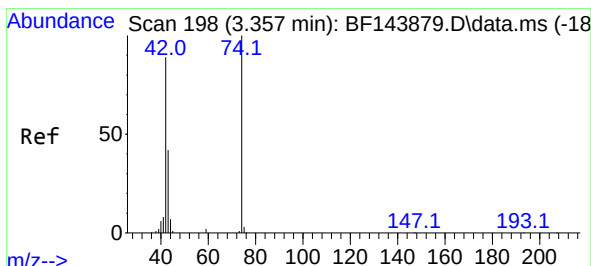
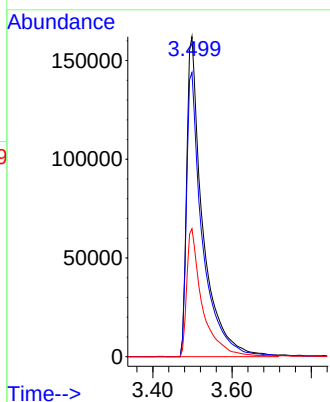
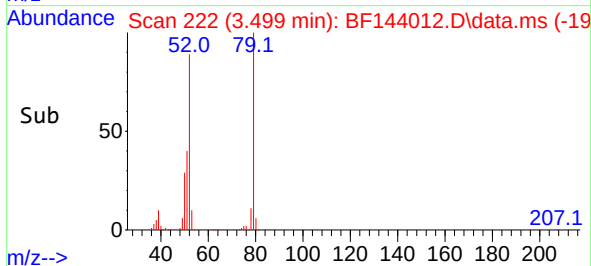
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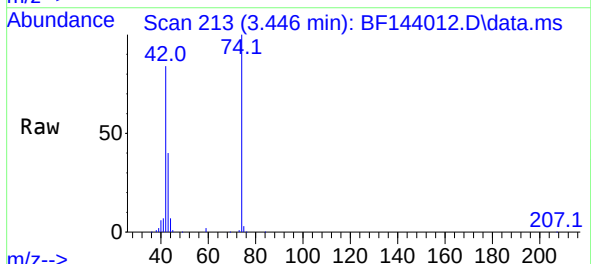
Tgt Ion: 79 Resp: 45333
Ion Ratio Lower Upper
79 100
52 88.8 71.5 107.3
51 40.0 32.9 49.3

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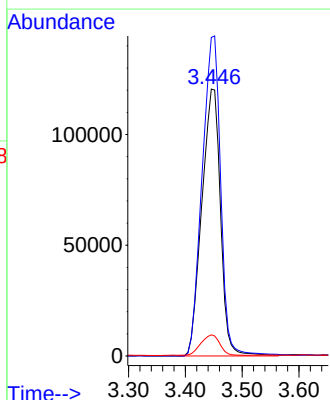
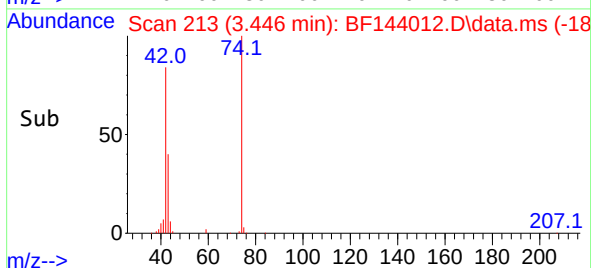
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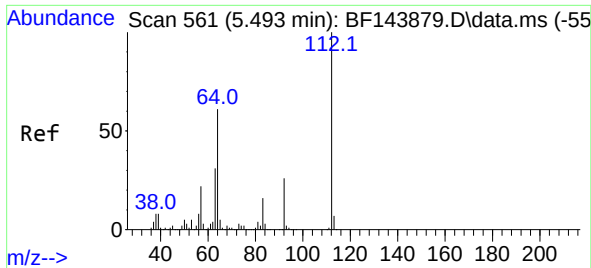


#4
n-Nitrosodimethylamine
Concen: 46.20 ng
RT: 3.446 min Scan# 213
Delta R.T. 0.059 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



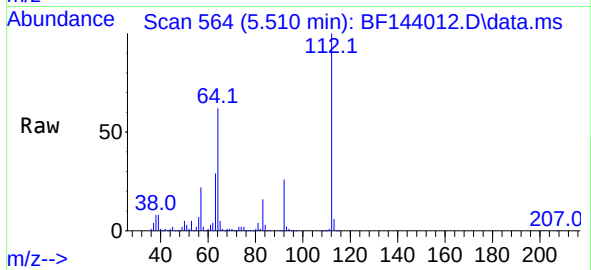
Tgt Ion: 42 Resp: 275127
Ion Ratio Lower Upper
42 100
74 119.3 90.0 135.0
44 7.9 6.2 9.2





#5
2-Fluorophenol
Concen: 122.33 ng
RT: 5.510 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

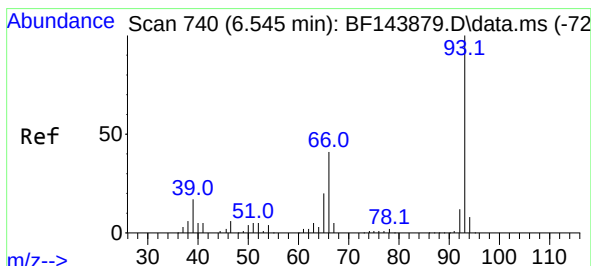
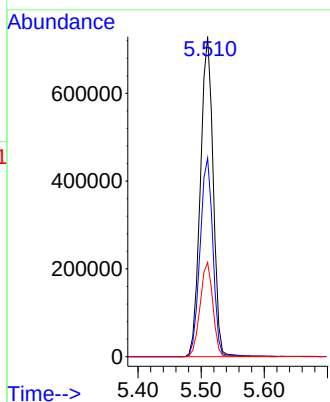
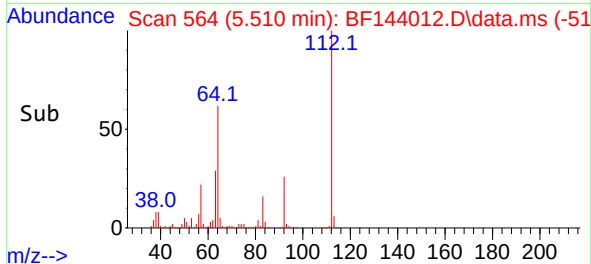
Instrument :
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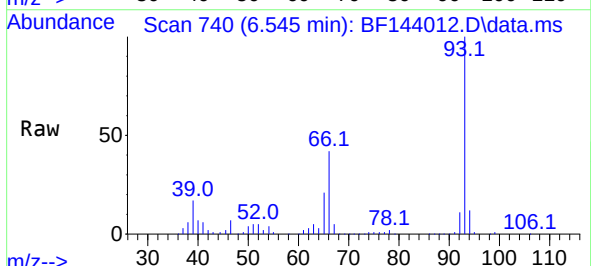
Tgt Ion:112 Resp: 102801
Ion Ratio Lower Upper
112 100
64 62.1 49.1 73.7
63 29.4 24.5 36.7

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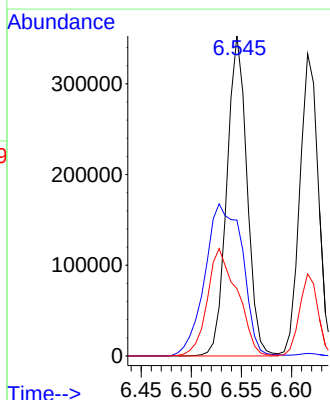
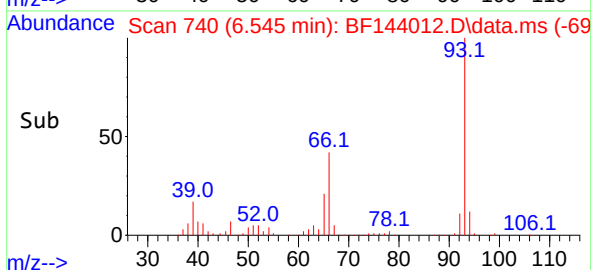
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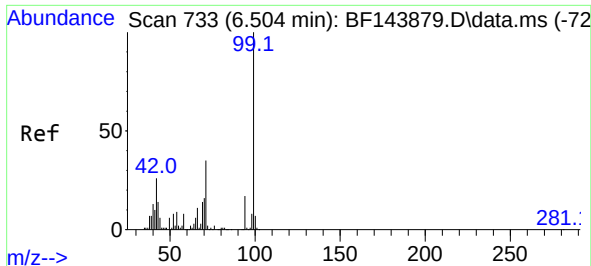


#6
Aniline
Concen: 32.89 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF144012.D
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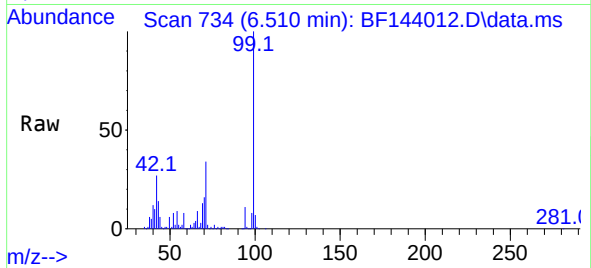
Tgt Ion: 93 Resp: 493609
Ion Ratio Lower Upper
93 100
66 42.5 33.0 49.6
65 21.1 15.8 23.8





#7
Phenol-d6
Concen: 121.30 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

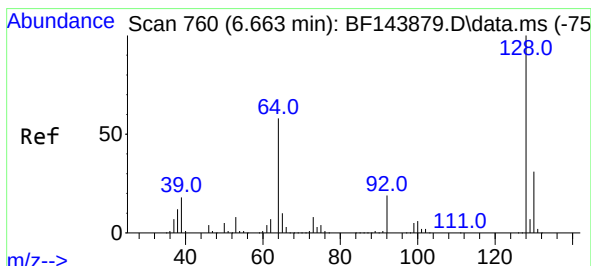
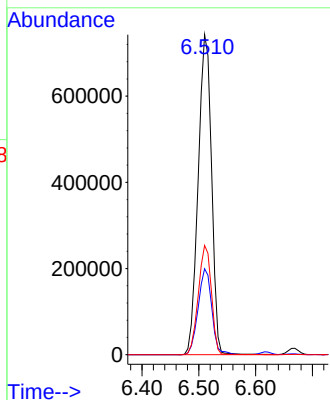
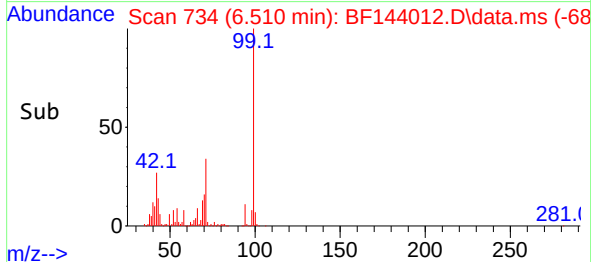
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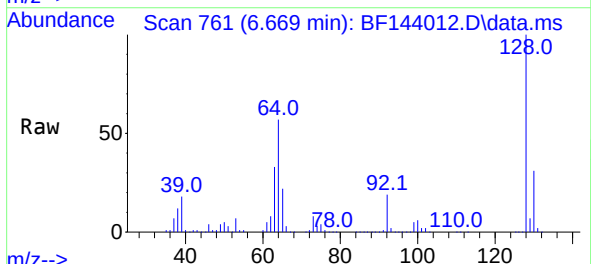
Tgt Ion: 99 Resp: 121497
Ion Ratio Lower Upper
99 100
42 26.9 21.0 31.4
71 34.2 27.8 41.8

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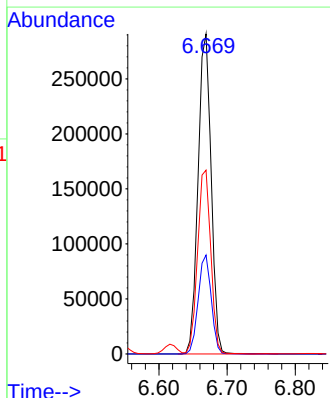
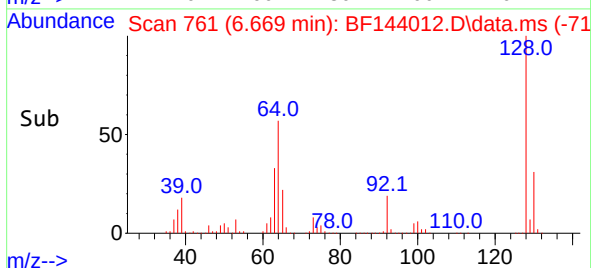
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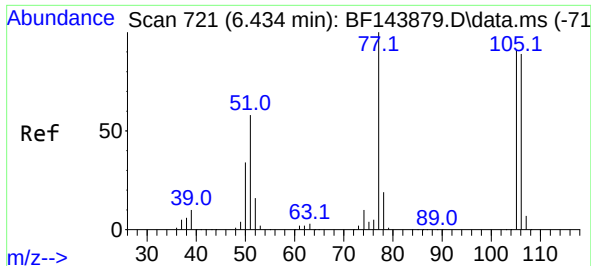


#8
2-Chlorophenol
Concen: 47.19 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



Tgt Ion:128 Resp: 387645
Ion Ratio Lower Upper
128 100
130 30.9 10.7 50.7
64 57.4 39.0 79.0





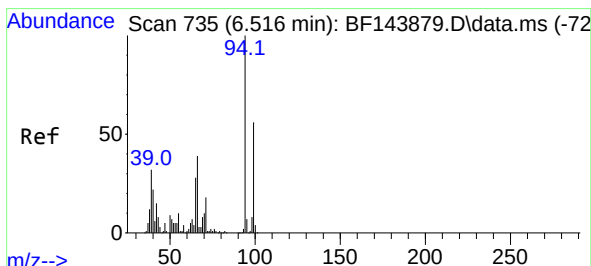
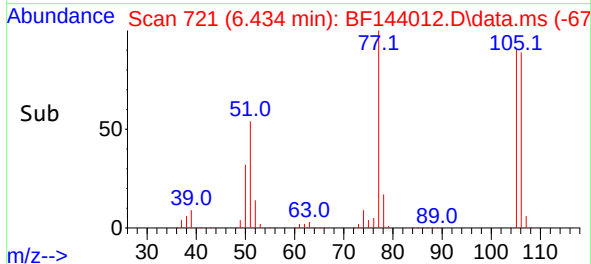
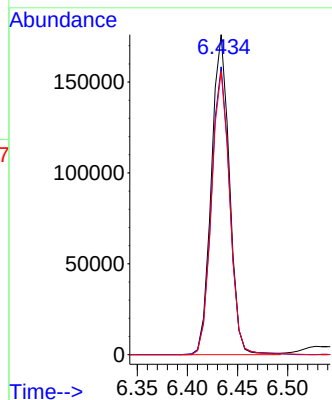
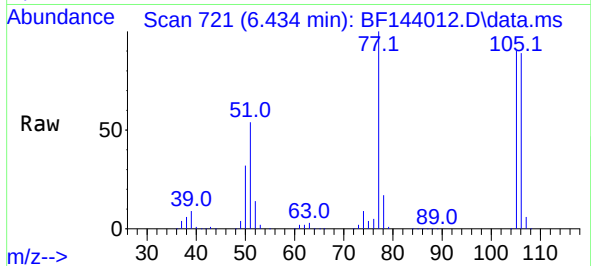
#9
Benzaldehyde
Concen: 28.52 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144012.D
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Tgt Ion: 77 Resp: 220400
Ion Ratio Lower Upper
77 100
105 90.0 70.9 110.9
106 88.5 68.9 108.9

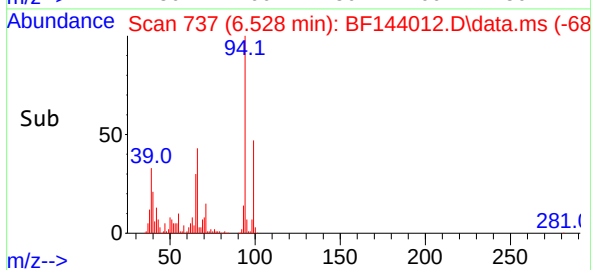
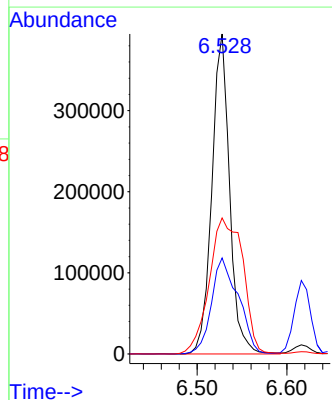
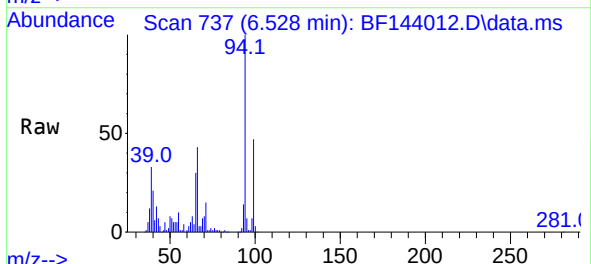
Manual Integrations
APPROVED

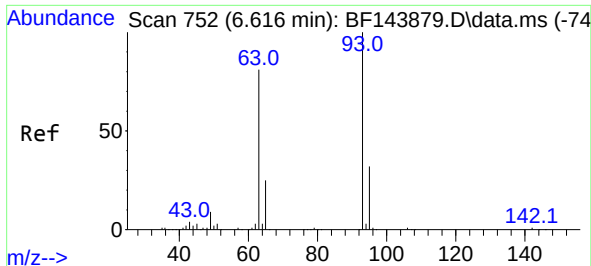
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#10
Phenol
Concen: 45.24 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

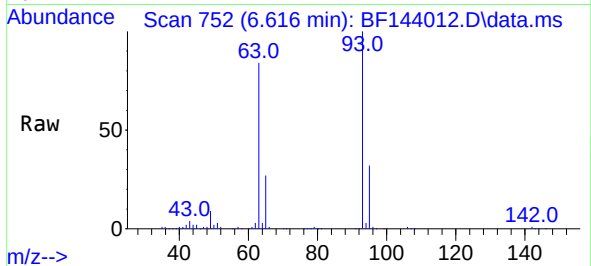
Tgt Ion: 94 Resp: 541734
Ion Ratio Lower Upper
94 100
65 30.0 8.5 48.5
66 42.5 19.9 59.9





#11
bis(2-Chloroethyl)ether
Concen: 45.62 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

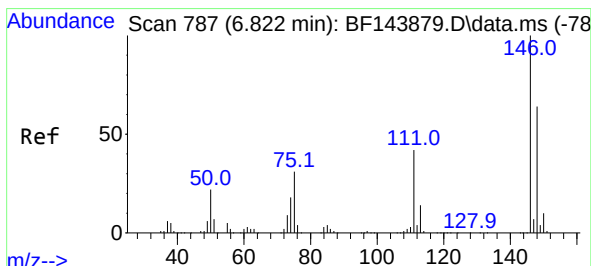
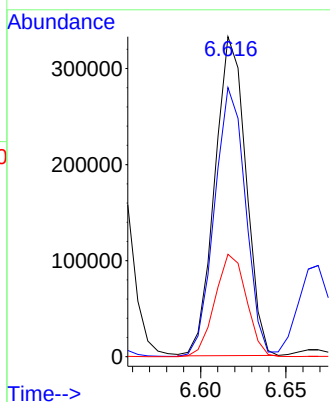
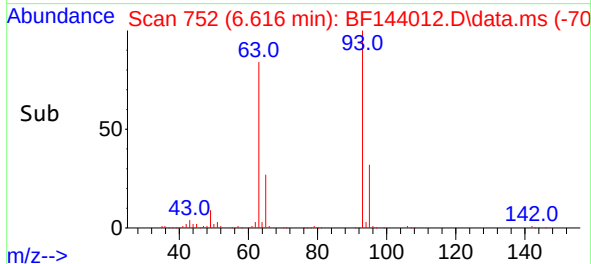
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



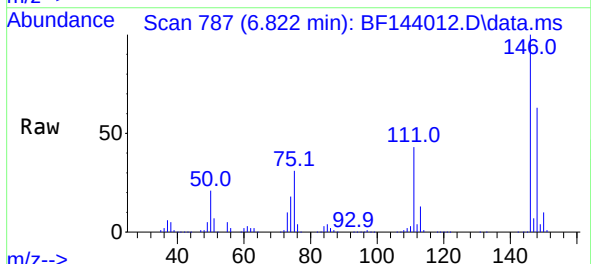
Tgt Ion: 93 Resp: 42205
Ion Ratio Lower Upper
93 100
63 84.1 60.9 100.9
95 32.0 11.5 51.5

Manual Integrations
APPROVED

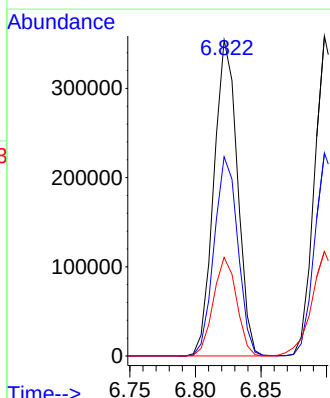
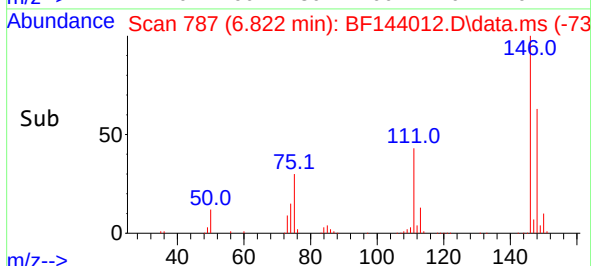
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

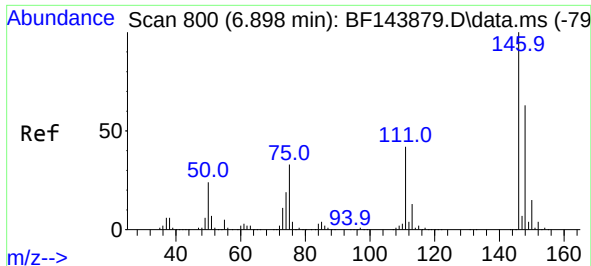


#12
1,3-Dichlorobenzene
Concen: 45.00 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



Tgt Ion:146 Resp: 442429
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.4
75 31.2 24.9 37.3





#13
1,4-Dichlorobenzene
Concen: 46.12 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

Instrument :

BNA_F

ClientSampleId :

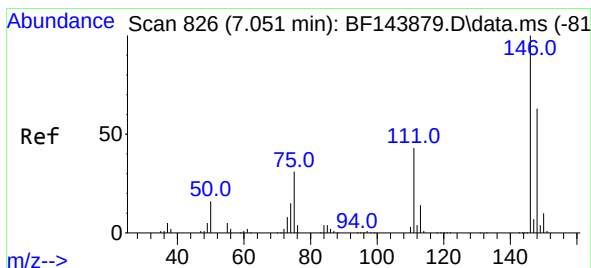
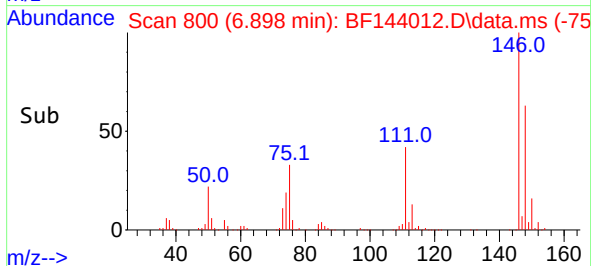
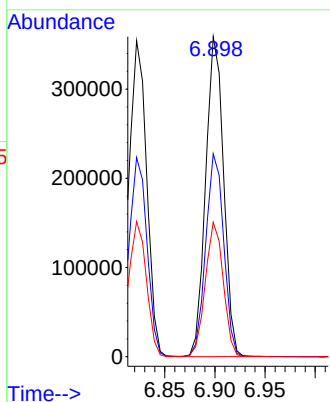
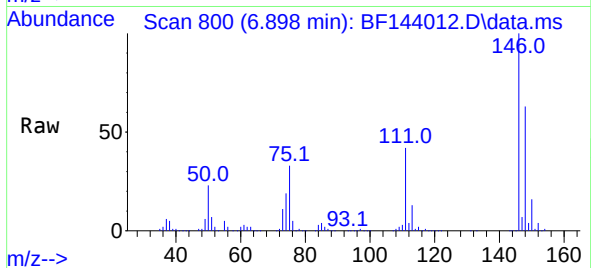
PB170166BSD

Tgt Ion:146 Resp: 447319
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
111 42.0 33.4 50.0

Manual Integrations

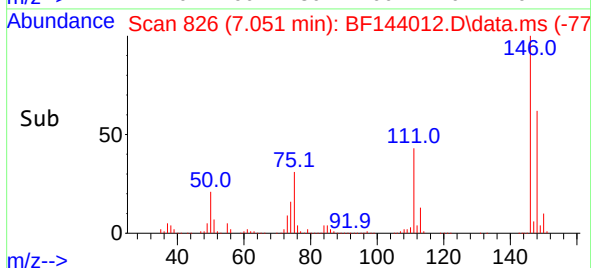
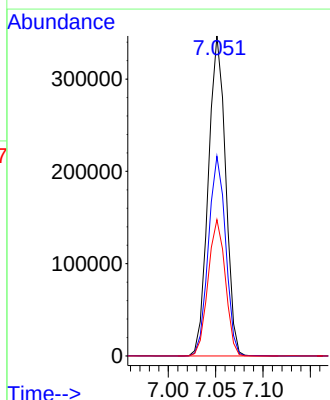
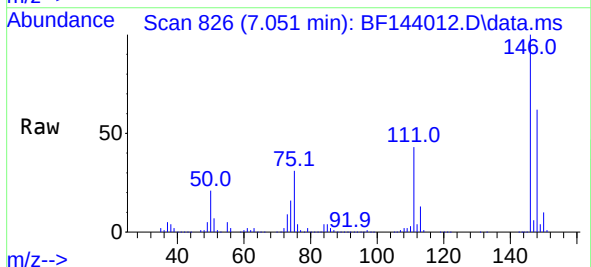
APPROVED

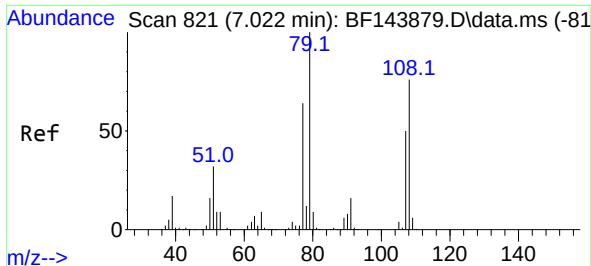
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#14
1,2-Dichlorobenzene
Concen: 47.28 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

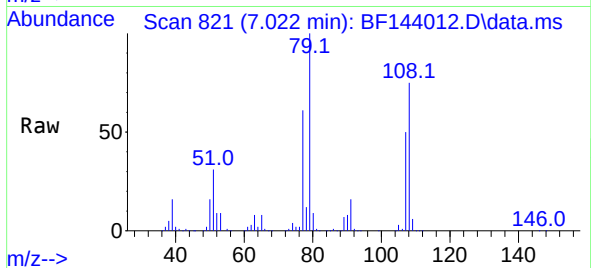
Tgt Ion:146 Resp: 439236
Ion Ratio Lower Upper
146 100
148 62.4 50.6 75.8
111 42.6 34.6 51.8





#15
Benzyl Alcohol
Concen: 49.14 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

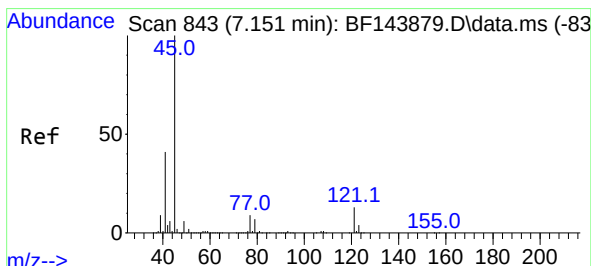
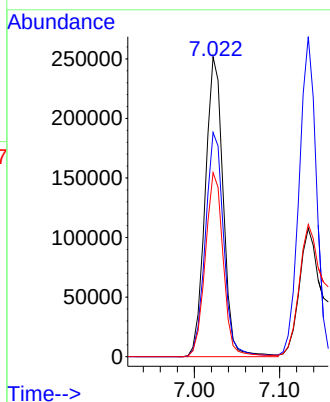
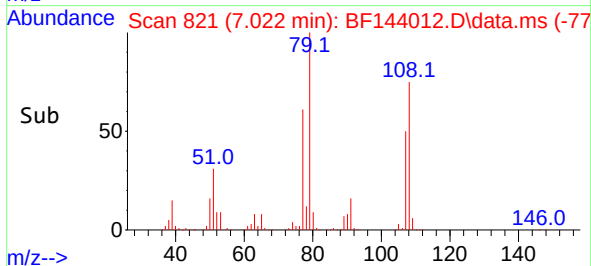
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



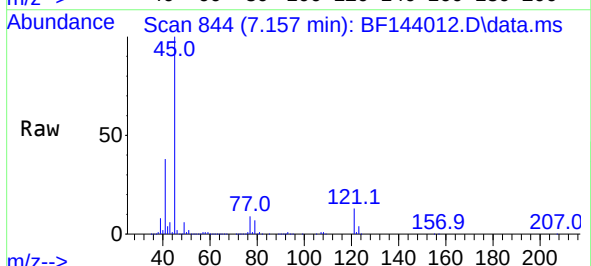
Tgt Ion: 79 Resp: 368829
Ion Ratio Lower Upper
79 100
108 74.8 60.8 91.2
77 61.4 51.0 76.6

Manual Integrations
APPROVED

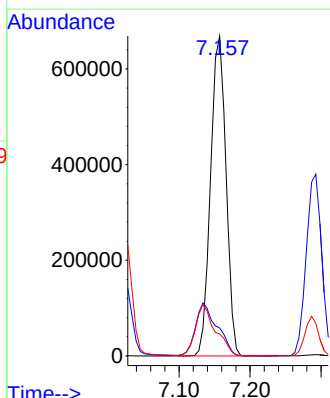
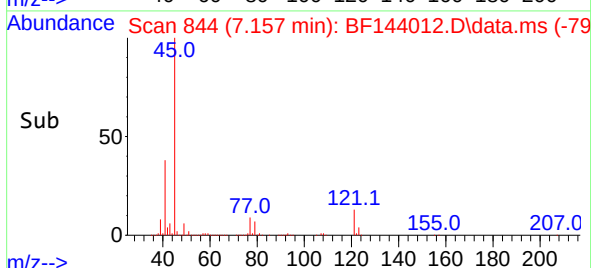
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

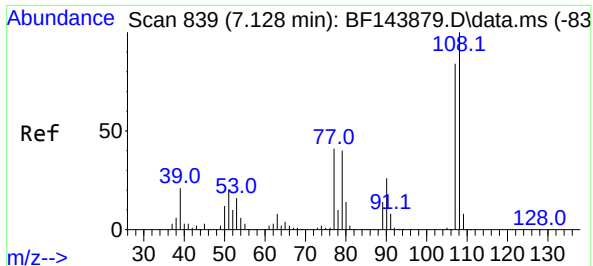


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.02 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



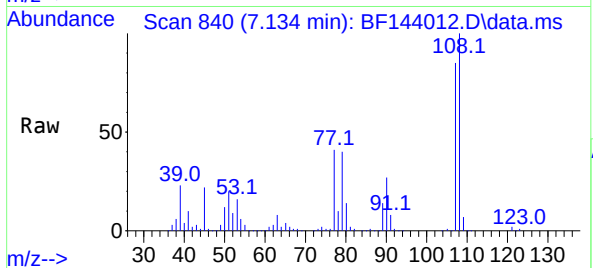
Tgt Ion: 45 Resp: 1011154
Ion Ratio Lower Upper
45 100
77 8.7 0.0 29.0
79 6.9 0.0 26.8





#17
2-Methylphenol
Concen: 46.91 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

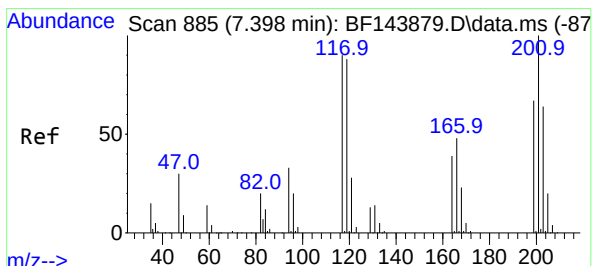
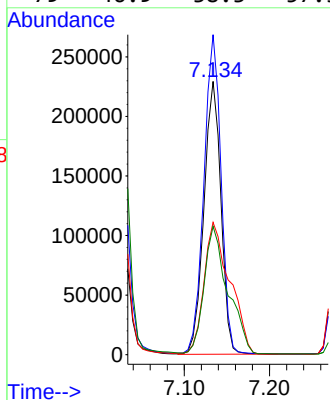
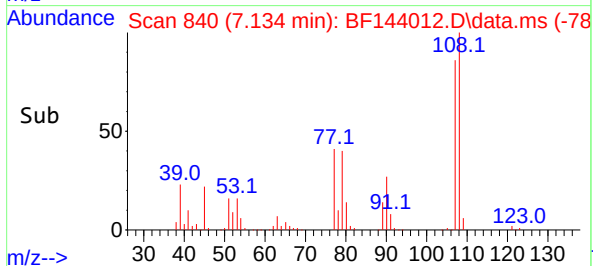
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



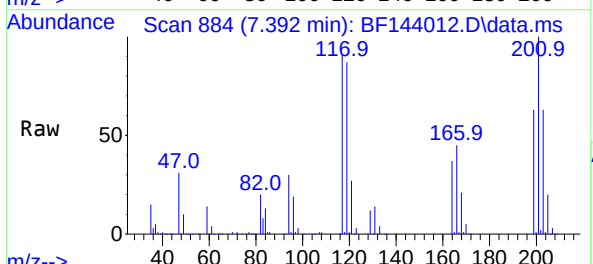
Tgt Ion:107 Resp: 31843
Ion Ratio Lower Upper
107 100
108 117.1 94.7 142.1
77 48.4 38.8 58.2
79 46.9 38.3 57.5

Manual Integrations
APPROVED

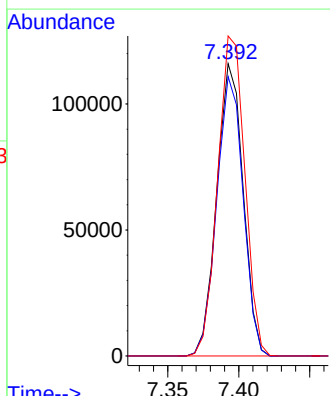
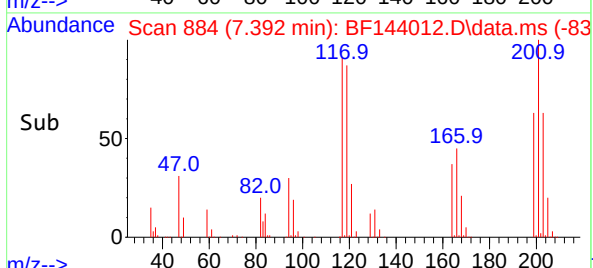
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

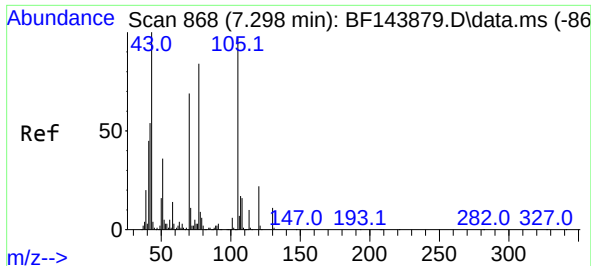


#18
Hexachloroethane
Concen: 46.32 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



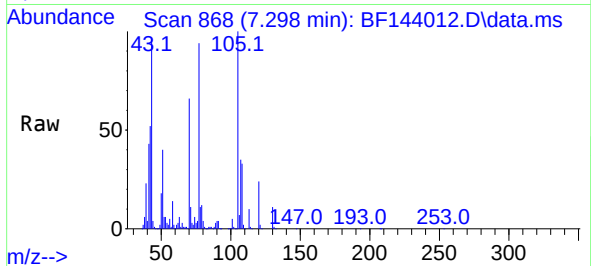
Tgt Ion:117 Resp: 149845
Ion Ratio Lower Upper
117 100
119 95.6 77.8 116.8
201 109.5 88.5 132.7





#19
n-Nitroso-di-n-propylamine
Concen: 44.74 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

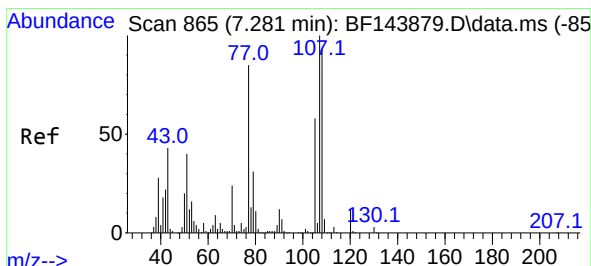
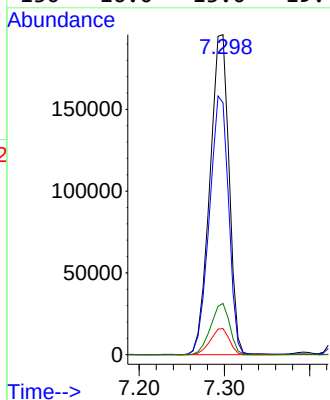
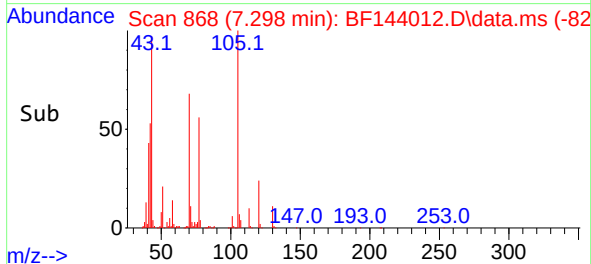
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



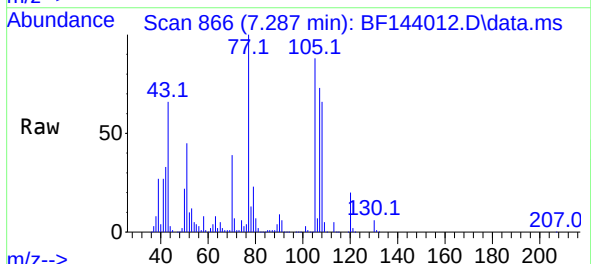
Tgt Ion: 70 Resp: 30675
Ion Ratio Lower Upper
70 100
42 78.7 62.8 94.2
101 8.1 6.7 10.1
130 16.0 13.0 19.4

Manual Integrations
APPROVED

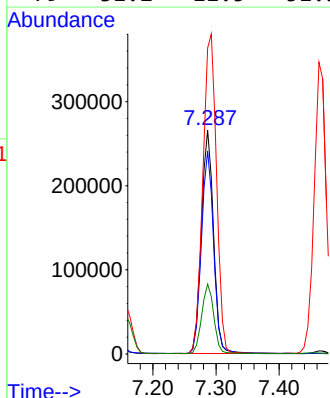
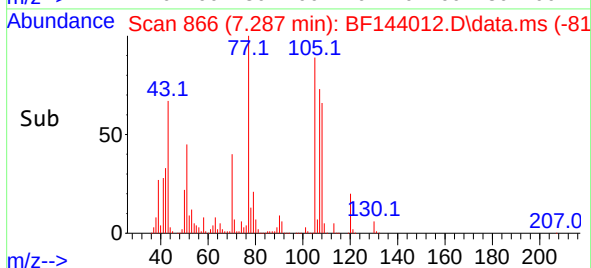
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

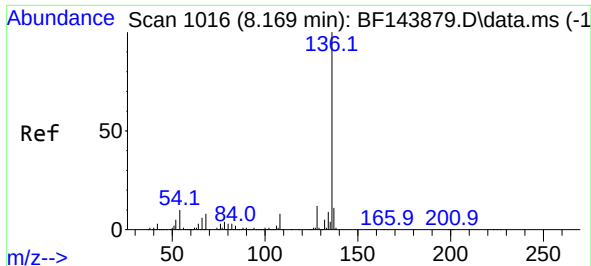


#20
3+4-Methylphenols
Concen: 45.25 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



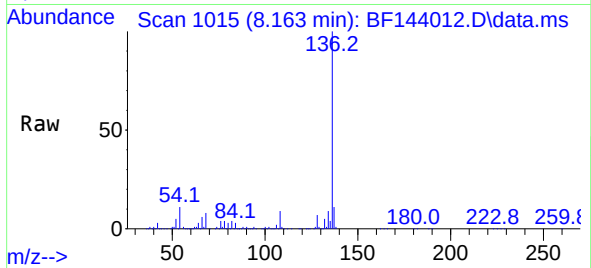
Tgt Ion:107 Resp: 355988
Ion Ratio Lower Upper
107 100
108 90.7 73.0 113.0
77 136.7 64.6 104.6#
79 31.2 11.5 51.5





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

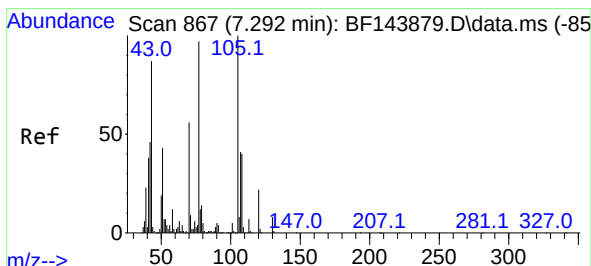
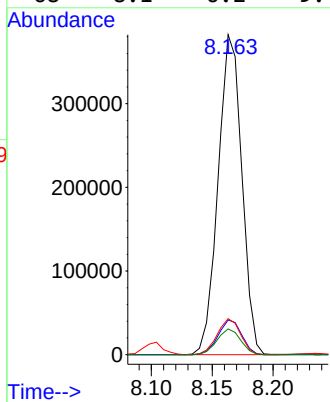
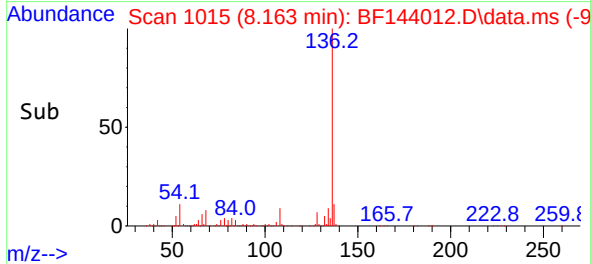
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



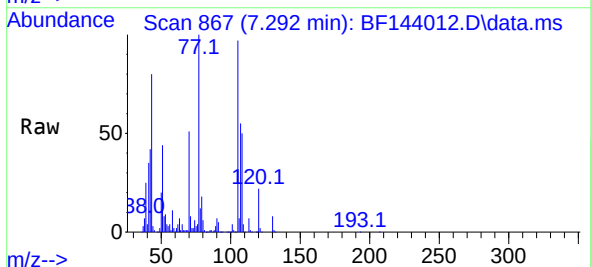
Tgt Ion:136 Resp: 518625
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 11.3 8.2 12.4
68 8.1 6.2 9.4

Manual Integrations
APPROVED

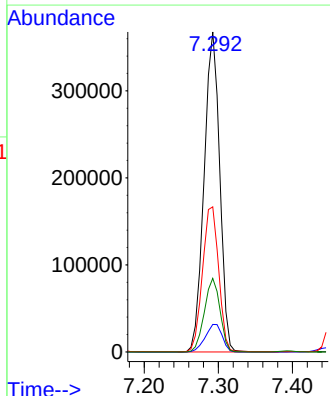
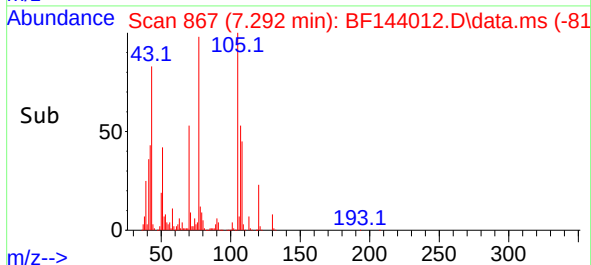
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

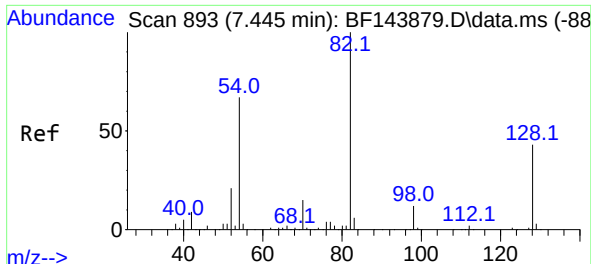


#22
Acetophenone
Concen: 49.10 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



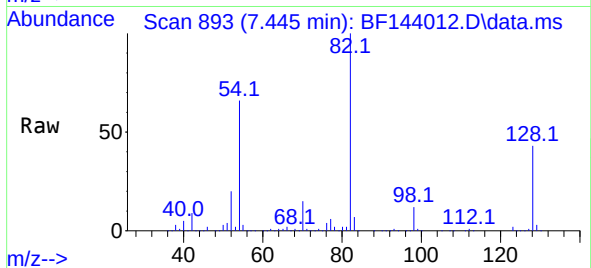
Tgt Ion:105 Resp: 538406
Ion Ratio Lower Upper
105 100
71 8.6 7.4 11.0
51 45.4 34.2 51.4
120 23.0 17.7 26.5





#23
Nitrobenzene-d5
Concen: 89.21 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

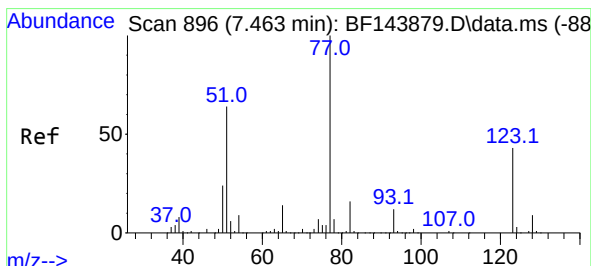
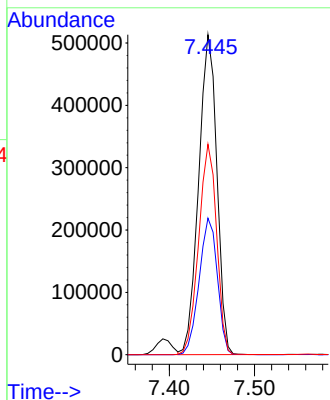
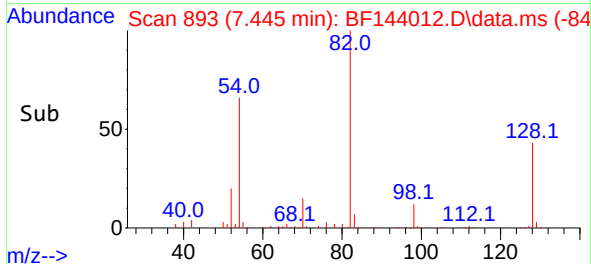
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



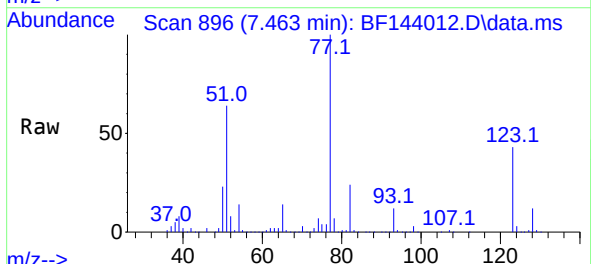
Tgt Ion: 82 Resp: 761520
Ion Ratio Lower Upper
82 100
128 42.6 34.0 51.0
54 65.8 53.2 79.8

Manual Integrations
APPROVED

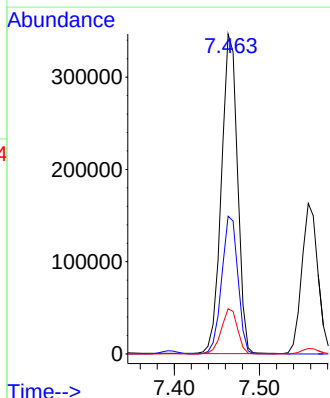
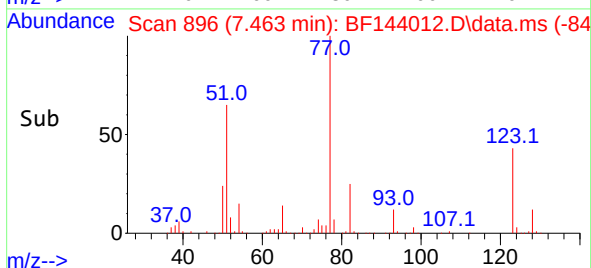
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

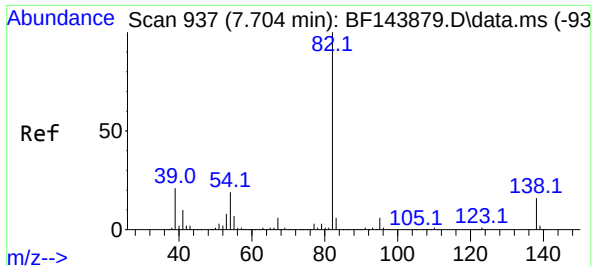


#24
Nitrobenzene
Concen: 48.17 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



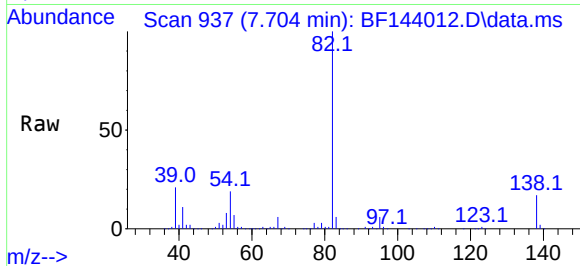
Tgt Ion: 77 Resp: 456621
Ion Ratio Lower Upper
77 100
123 43.0 34.2 51.4
65 14.1 11.0 16.6





#25
Isophorone
Concen: 46.51 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

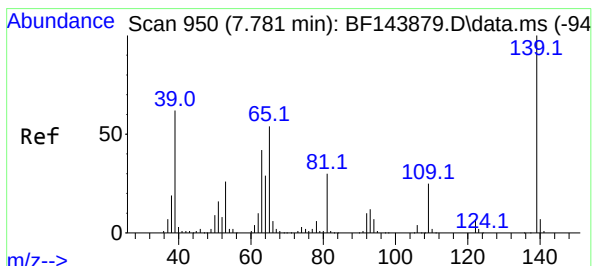
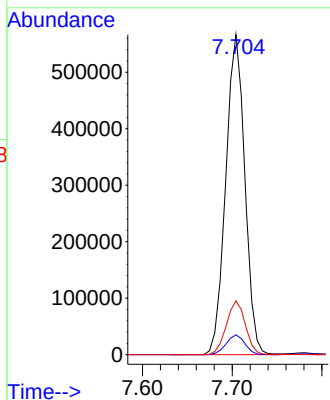
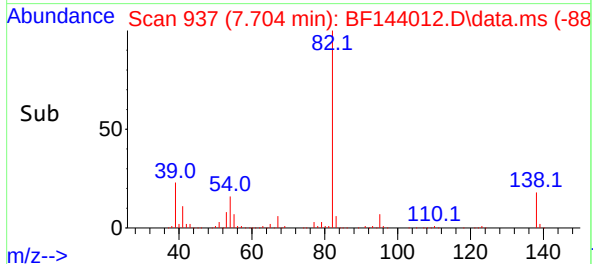
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



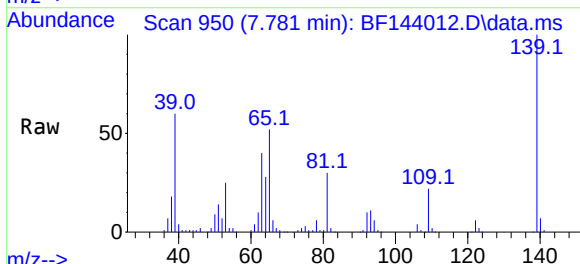
Tgt Ion: 82 Resp: 83716
Ion Ratio Lower Upper
82 100
95 6.2 5.1 7.7
138 16.8 12.9 19.3

Manual Integrations
APPROVED

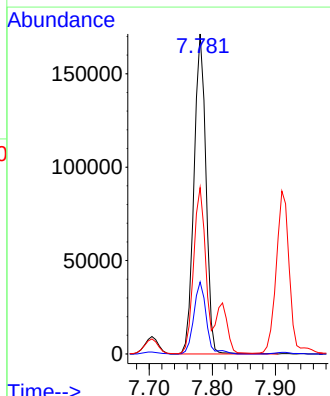
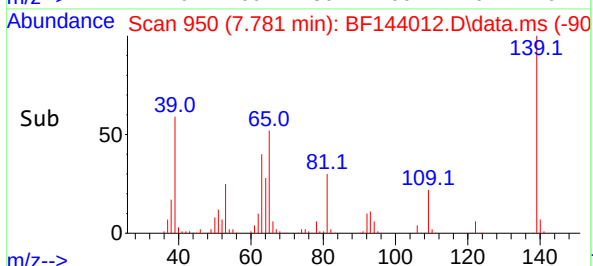
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

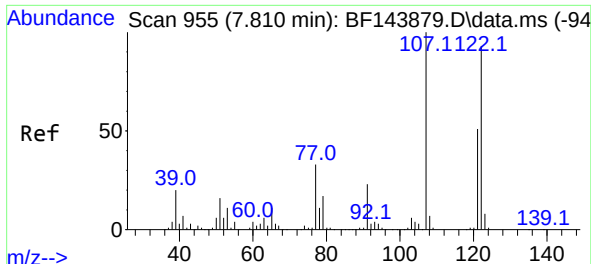


#26
2-Nitrophenol
Concen: 55.24 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



Tgt Ion:139 Resp: 224501
Ion Ratio Lower Upper
139 100
109 22.5 19.8 29.6
65 52.0 42.9 64.3





#27
2,4-Dimethylphenol
Concen: 51.55 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

Instrument :

BNA_F

ClientSampleId :

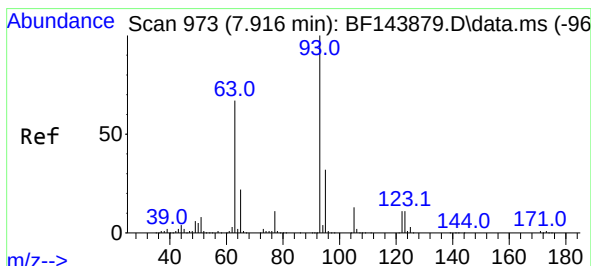
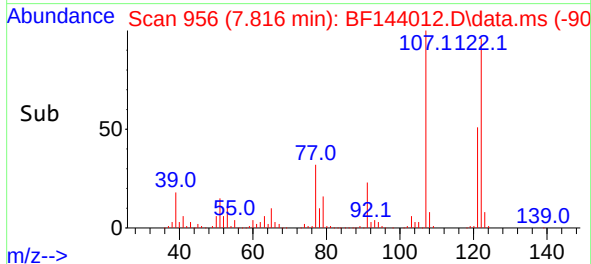
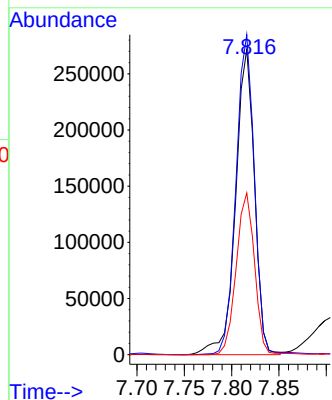
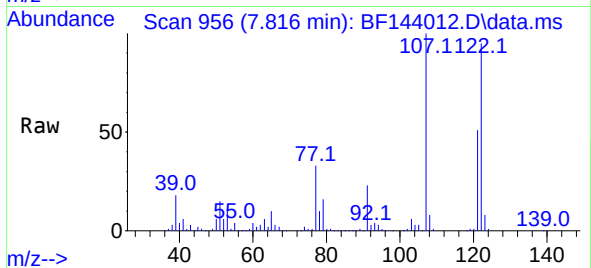
PB170166BSD

Tgt Ion:122 Resp: 376854
Ion Ratio Lower Upper
122 100
107 104.7 86.1 129.1
121 52.9 43.8 65.6

Manual Integrations

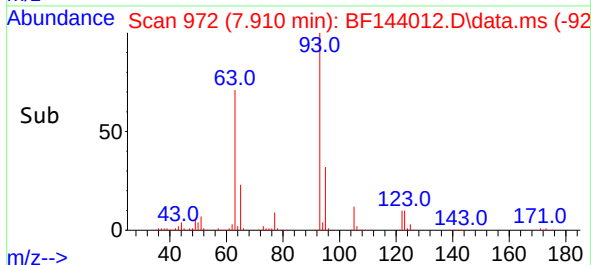
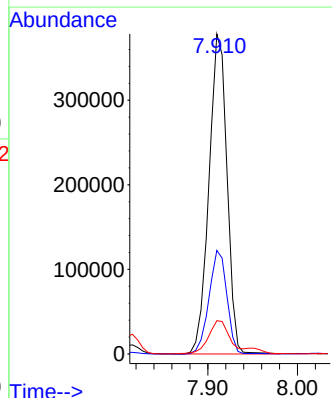
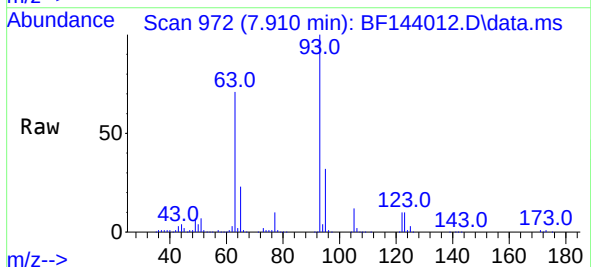
APPROVED

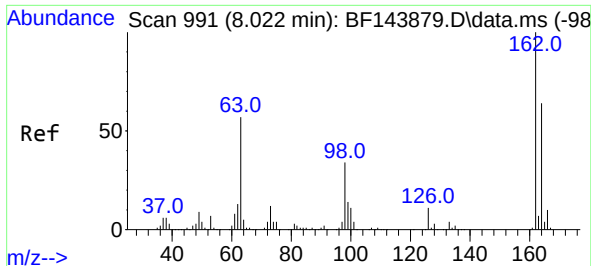
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#28
bis(2-Chloroethoxy)methane
Concen: 46.50 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

Tgt Ion: 93 Resp: 528721
Ion Ratio Lower Upper
93 100
95 32.4 25.9 38.9
123 10.4 9.4 14.0





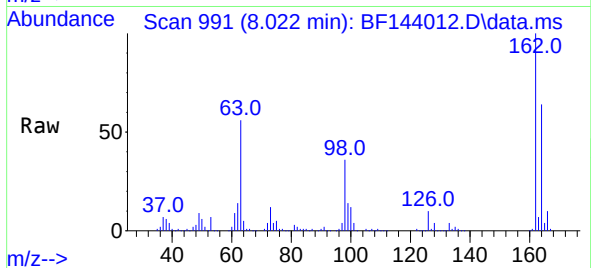
#29
2,4-Dichlorophenol
Concen: 45.85 ng
RT: 8.022 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

Instrument :

BNA_F

ClientSampleId :

PB170166BSD



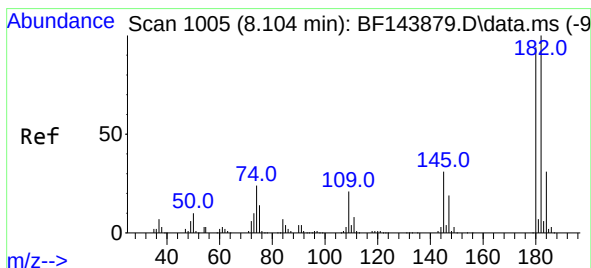
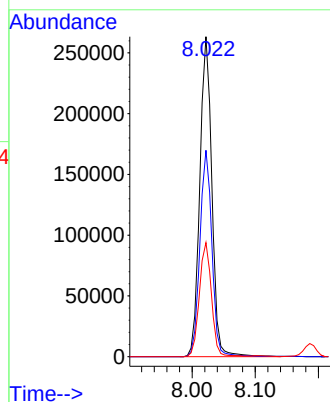
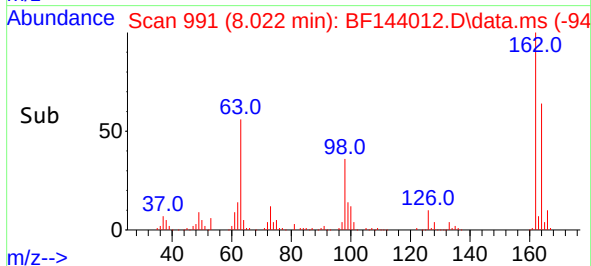
Tgt Ion:162 Resp: 349149
Ion Ratio Lower Upper
162 100
164 64.5 43.9 83.9
98 35.7 14.4 54.4

Manual Integrations

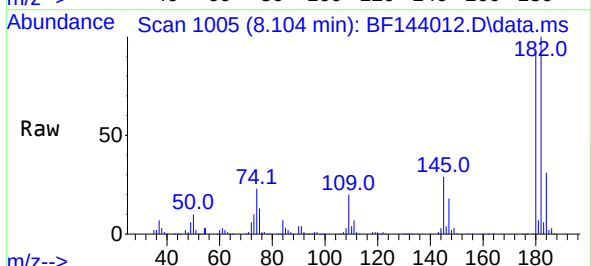
APPROVED

Reviewed By :Rahul Chavli 10/22/2025

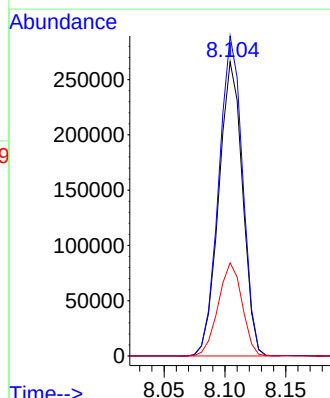
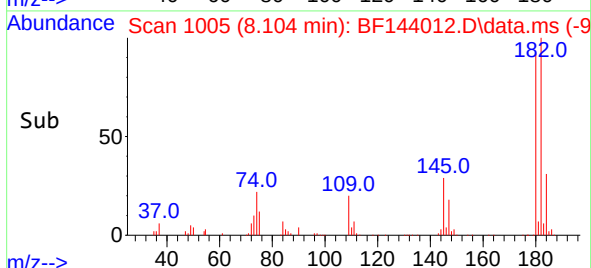
Supervised By :Jagrut Upadhyay 10/22/2025

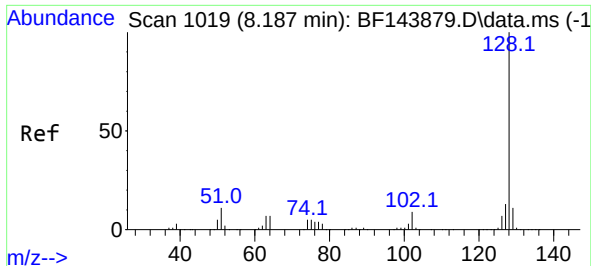


#30
1,2,4-Trichlorobenzene
Concen: 48.39 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



Tgt Ion:180 Resp: 362396
Ion Ratio Lower Upper
180 100
182 108.8 85.4 128.0
145 31.7 26.3 39.5





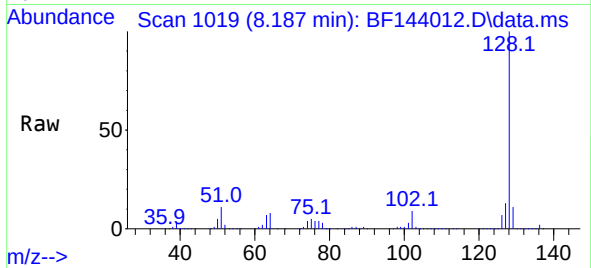
#31
Naphthalene
Concen: 45.14 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

Instrument :

BNA_F

ClientSampleId :

PB170166BSD

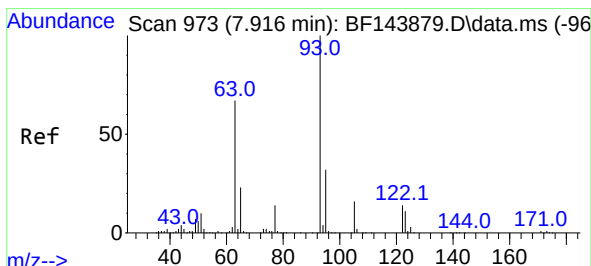
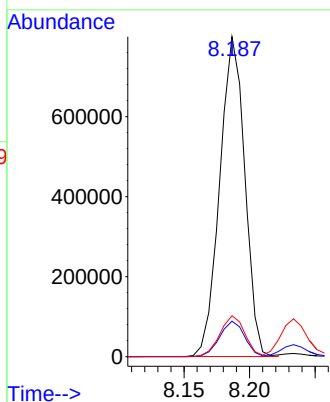
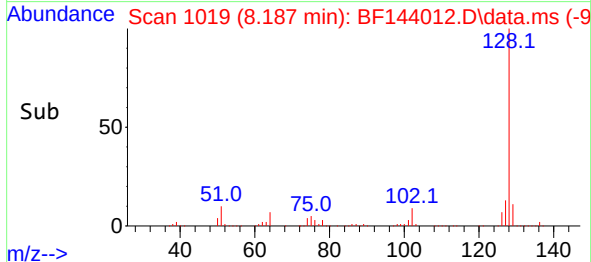


Tgt Ion:128 Resp: 1064832
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.8 10.0 15.0

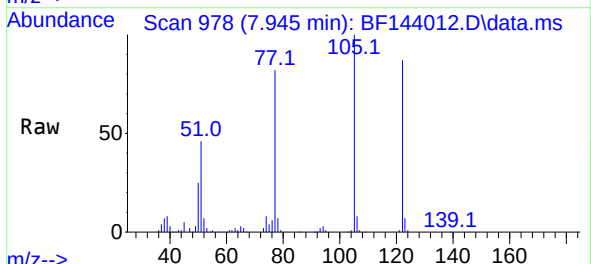
Manual Integrations

APPROVED

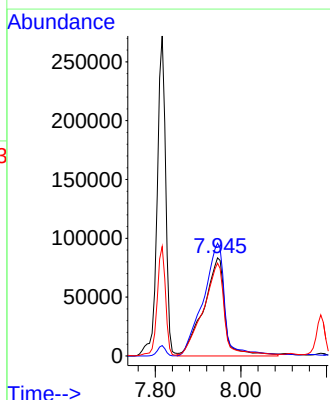
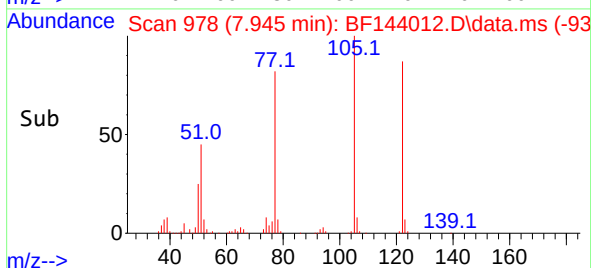
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

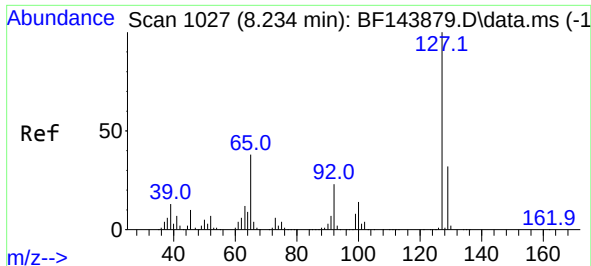


#32
Benzoic acid
Concen: 57.71 ng m
RT: 7.945 min Scan# 978
Delta R.T. -0.018 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



Tgt Ion:122 Resp: 292026
Ion Ratio Lower Upper
122 100
105 115.1 93.5 133.5
77 94.7 76.3 116.3





#33
4-Chloroaniline
Concen: 15.23 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

Instrument :

BNA_F

ClientSampleId :

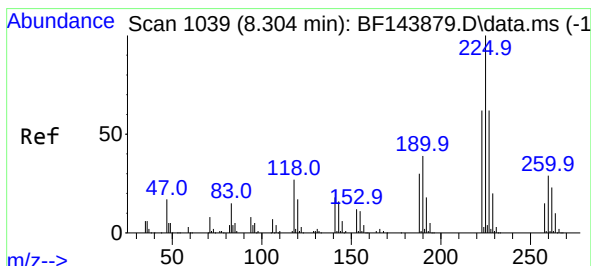
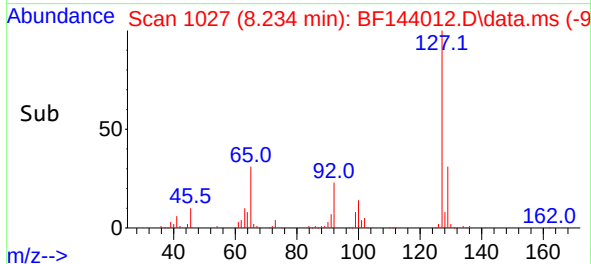
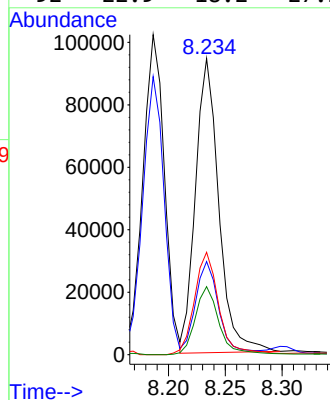
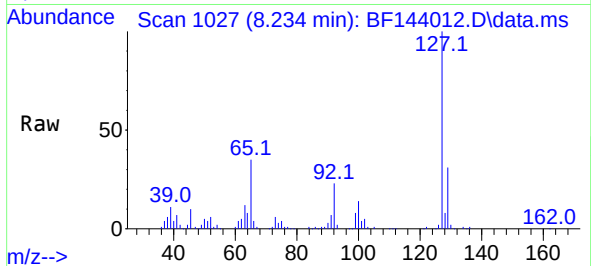
PB170166BSD

Tgt Ion:127 Resp: 134768
Ion Ratio Lower Upper
127 100
129 31.5 25.8 38.8
65 34.6 30.0 45.0
92 22.9 18.2 27.2

Manual Integrations

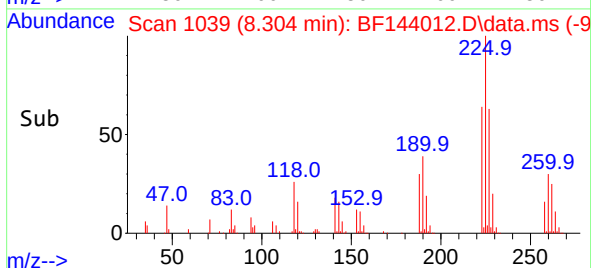
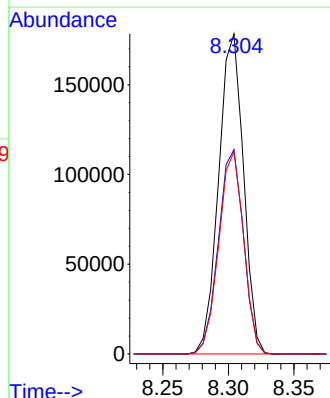
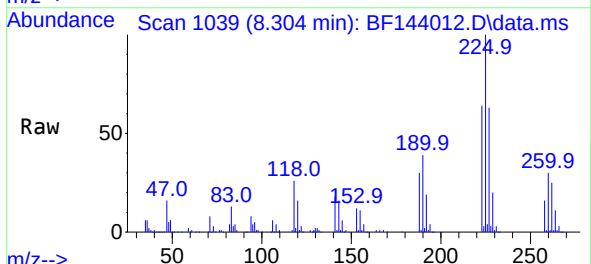
APPROVED

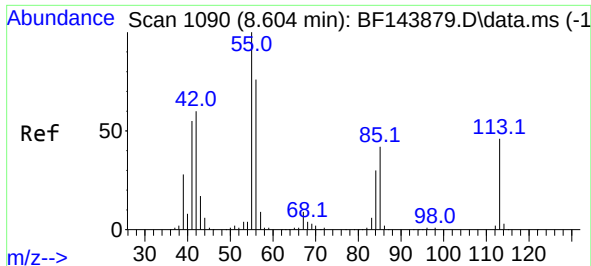
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#34
Hexachlorobutadiene
Concen: 45.01 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

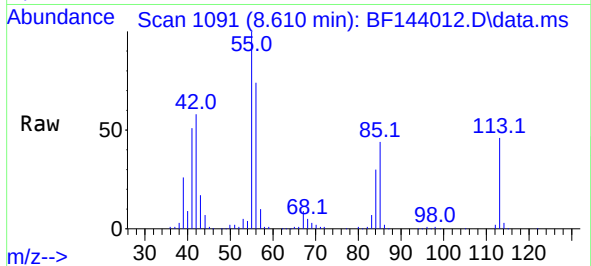
Tgt Ion:225 Resp: 234234
Ion Ratio Lower Upper
225 100
223 63.9 49.4 74.2
227 63.2 49.7 74.5





#35
Caprolactam
Concen: 49.59 ng m
RT: 8.610 min Scan# 1109
Delta R.T. -0.035 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

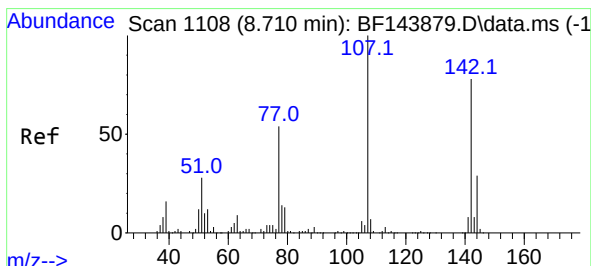
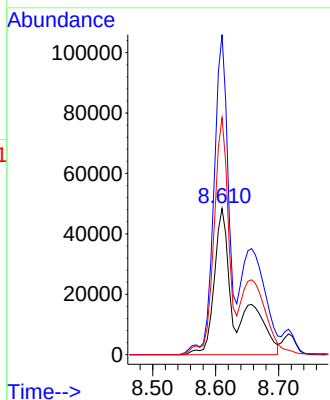
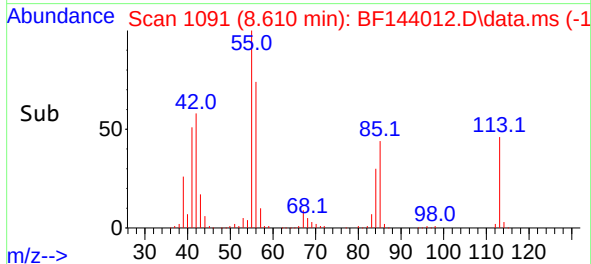
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



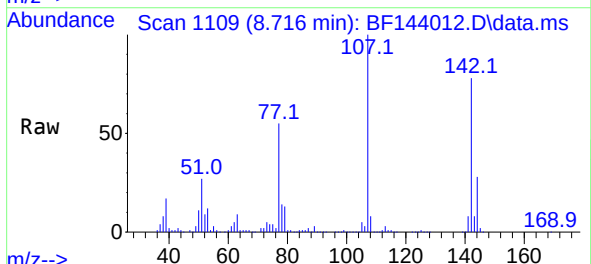
Tgt Ion:113 Resp: 120084
Ion Ratio Lower Upper
113 100
55 218.7 199.6 239.6
56 162.1 146.0 186.0

Manual Integrations
APPROVED

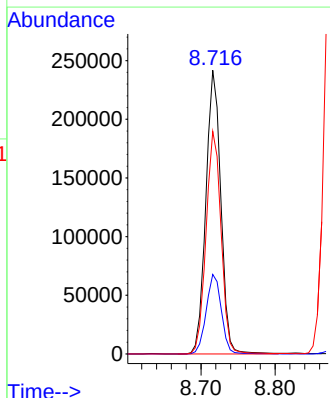
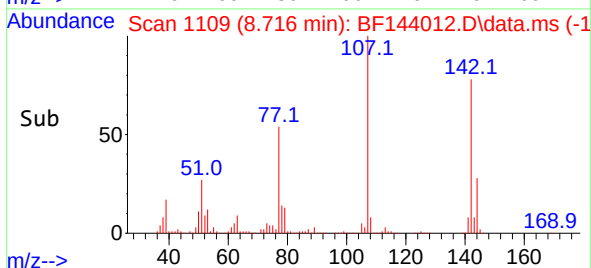
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

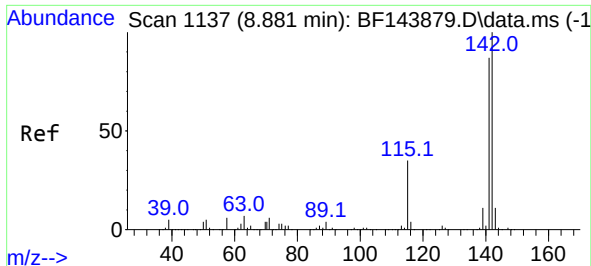


#36
4-Chloro-3-methylphenol
Concen: 46.38 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



Tgt Ion:107 Resp: 339307
Ion Ratio Lower Upper
107 100
144 28.0 23.1 34.7
142 78.4 62.6 94.0





#37

2-Methylnaphthalene

Concen: 41.39 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF144012.D

Acq: 21 Oct 2025 14:59

Instrument :

BNA_F

ClientSampleId :

PB170166BSD

Tgt Ion:142 Resp: 650390

Ion Ratio Lower Upper

142 100

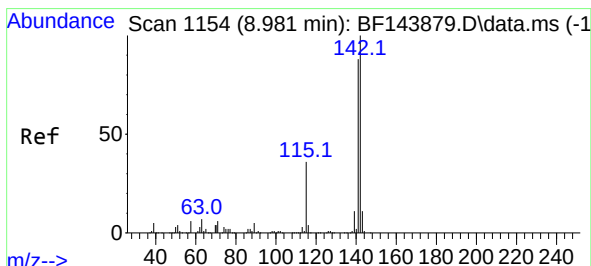
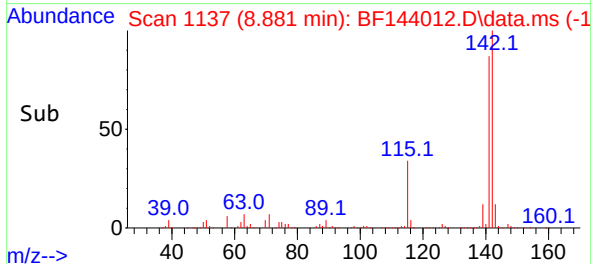
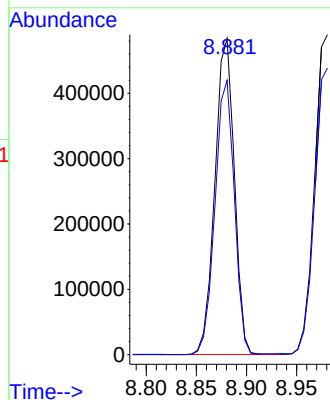
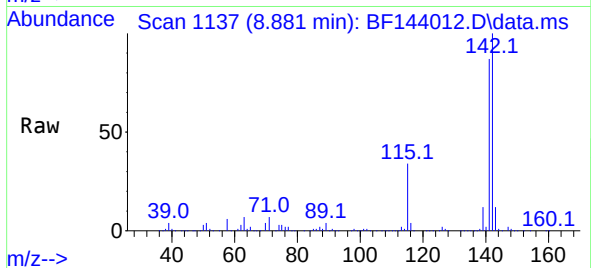
141 86.7 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/22/2025

Supervised By :Jagrut Upadhyay 10/22/2025



#38

1-Methylnaphthalene

Concen: 43.72 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF144012.D

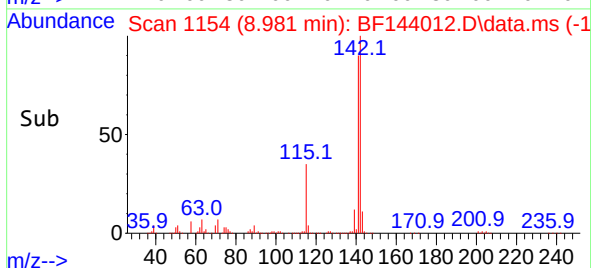
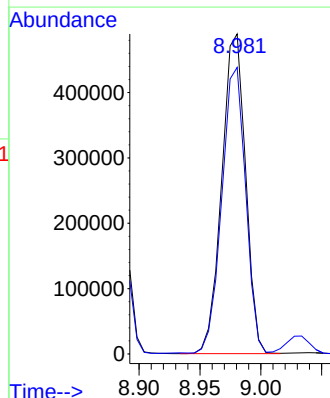
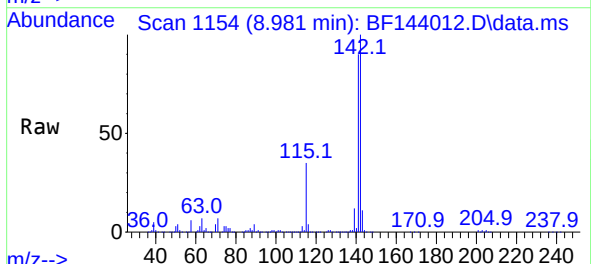
Acq: 21 Oct 2025 14:59

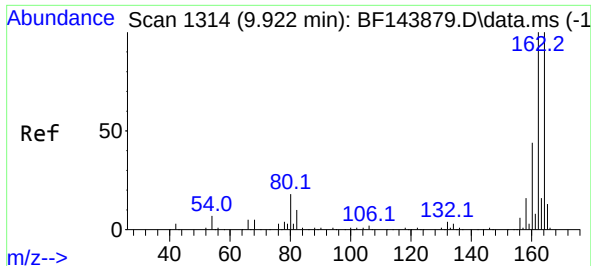
Tgt Ion:142 Resp: 666453

Ion Ratio Lower Upper

142 100

141 89.5 70.8 106.2





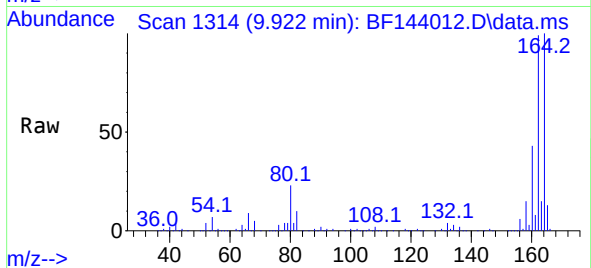
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1113
Delta R.T. -0.005 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

Instrument :

BNA_F

ClientSampleId :

PB170166BSD



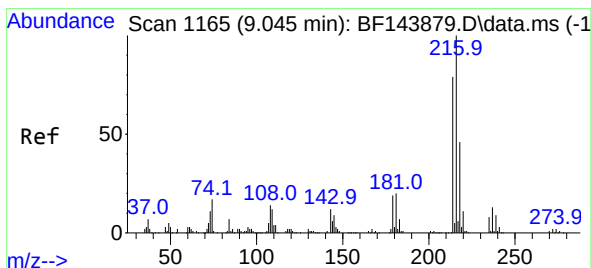
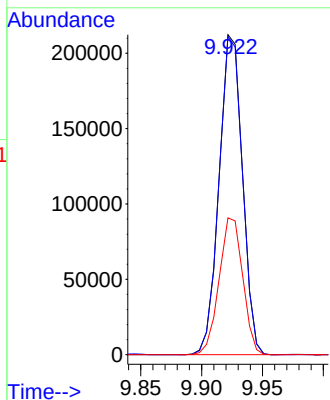
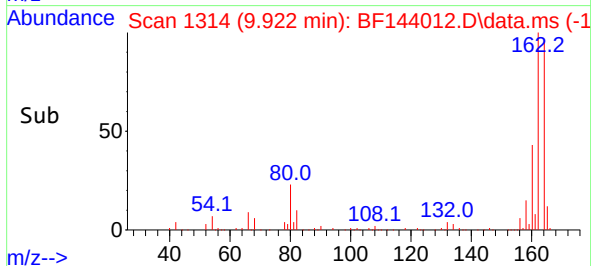
Tgt Ion:164 Resp: 283438
Ion Ratio Lower Upper
164 100
162 99.4 80.2 120.2
160 42.8 35.4 53.0

Manual Integrations

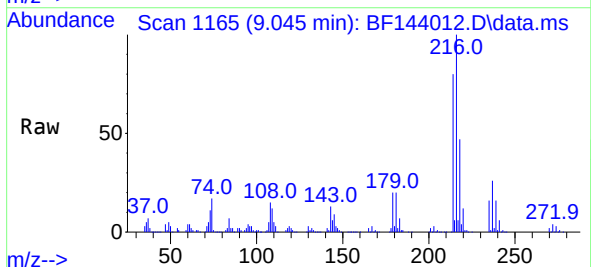
APPROVED

Reviewed By :Rahul Chavli 10/22/2025

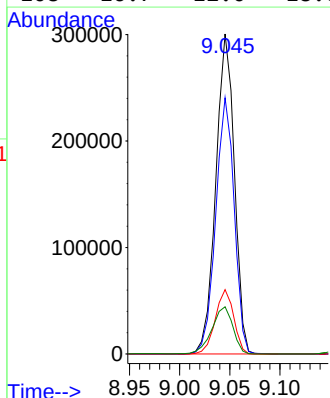
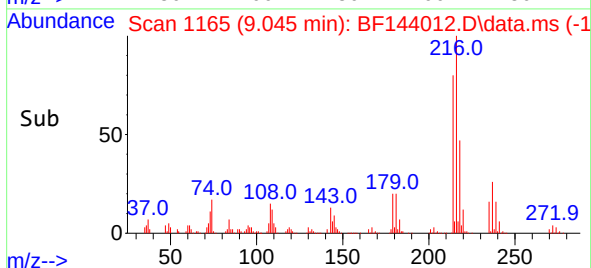
Supervised By :Jagrut Upadhyay 10/22/2025

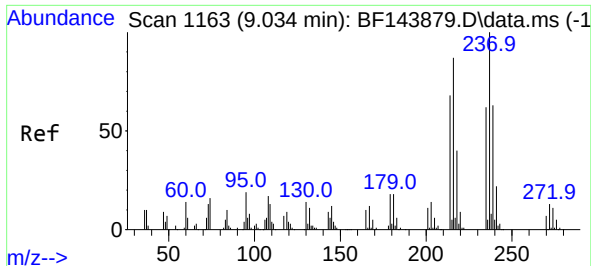


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.31 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



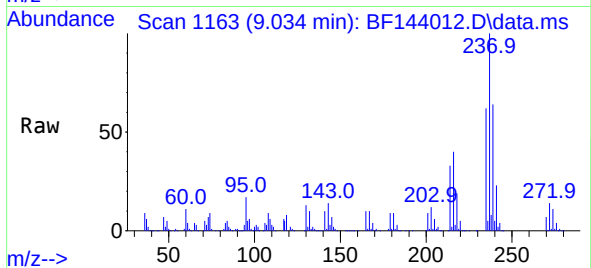
Tgt Ion:216 Resp: 386272
Ion Ratio Lower Upper
216 100
214 79.8 62.6 94.0
179 20.0 15.4 23.0
108 16.7 12.0 18.0





#41
Hexachlorocyclopentadiene
Concen: 113.02 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

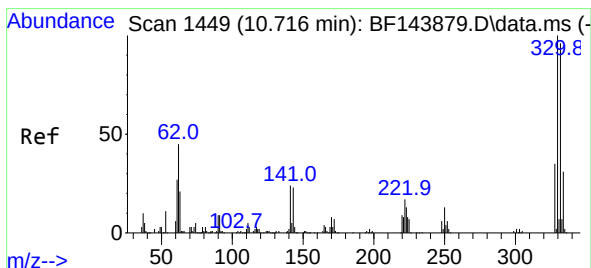
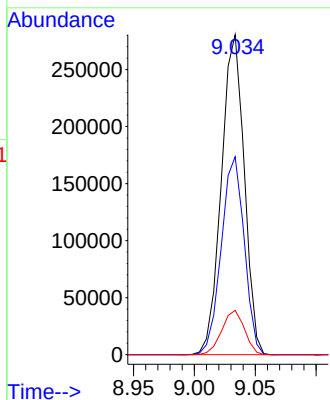
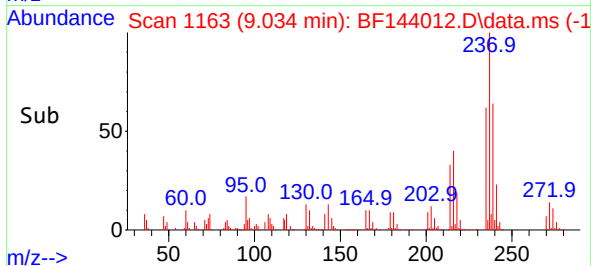
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



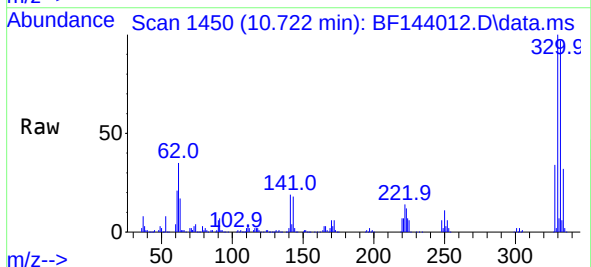
Tgt Ion:237 Resp: 36732
Ion Ratio Lower Upper
237 100
235 61.8 42.3 82.3
272 13.9 0.0 33.1

Manual Integrations
APPROVED

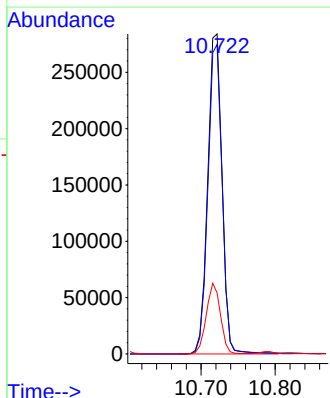
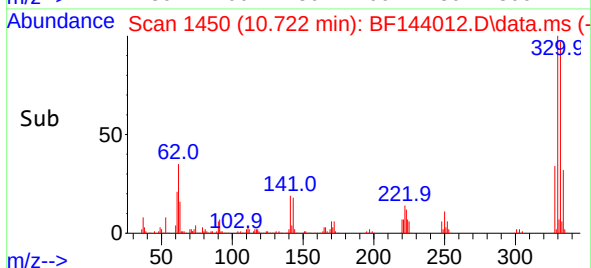
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

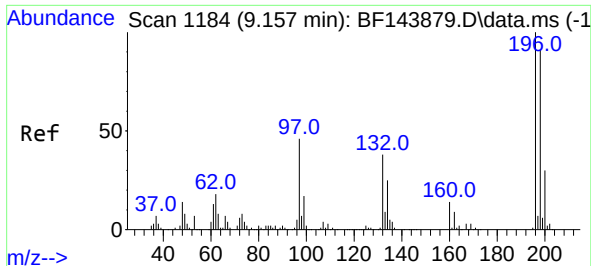


#42
2,4,6-Tribromophenol
Concen: 135.20 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



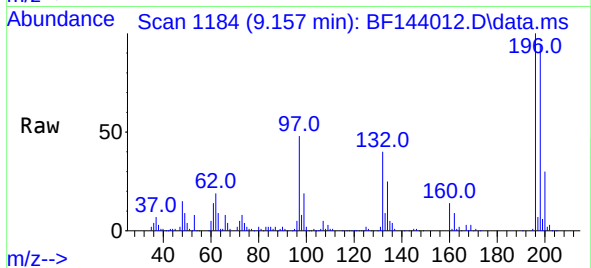
Tgt Ion:330 Resp: 381681
Ion Ratio Lower Upper
330 100
332 95.7 76.9 115.3
141 21.9 20.2 30.4





#43
2,4,6-Trichlorophenol
Concen: 45.57 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

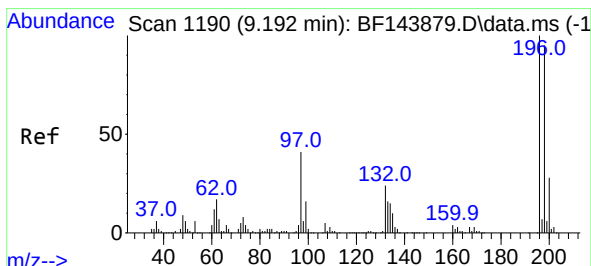
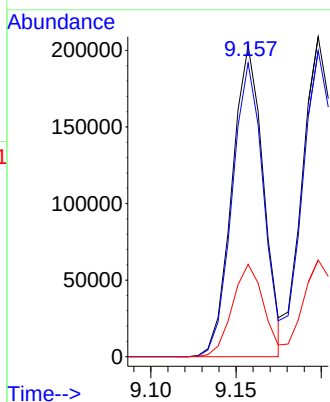
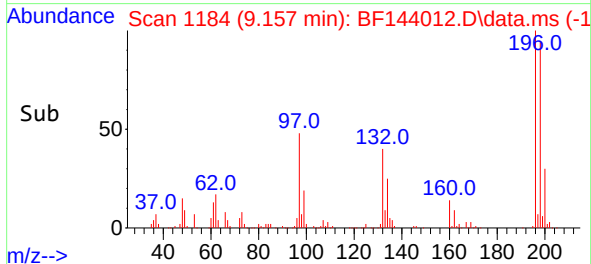
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



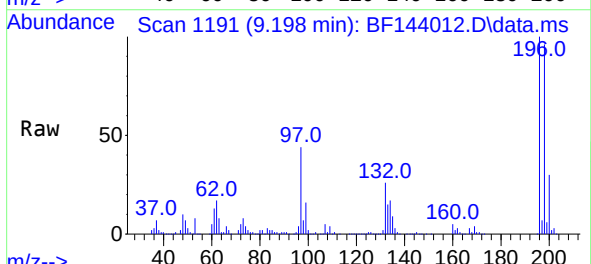
Tgt Ion:196 Resp: 26084
Ion Ratio Lower Upper
196 100
198 94.4 72.8 109.2
200 29.7 24.0 36.0

Manual Integrations
APPROVED

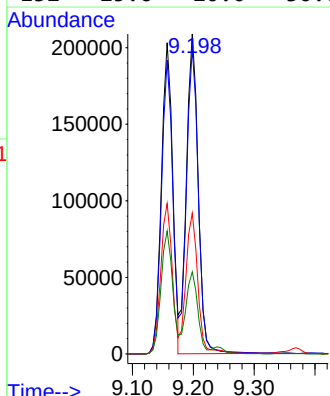
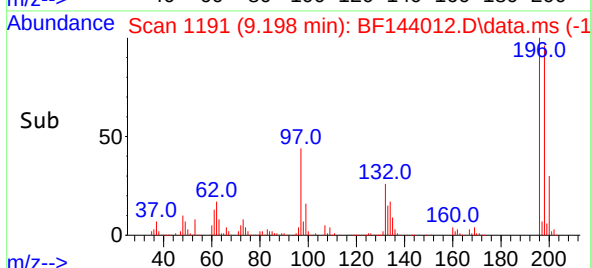
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

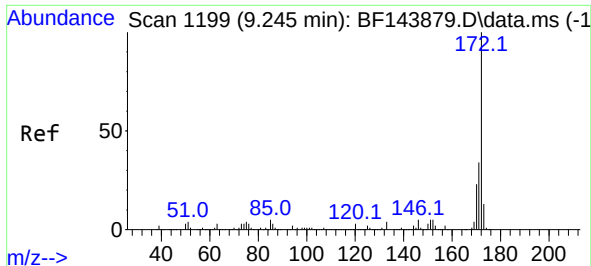


#44
2,4,5-Trichlorophenol
Concen: 46.49 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



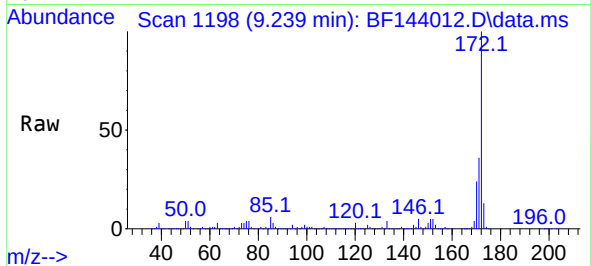
Tgt Ion:196 Resp: 281193
Ion Ratio Lower Upper
196 100
198 95.6 75.5 113.3
97 44.0 33.9 50.9
132 25.6 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 79.39 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

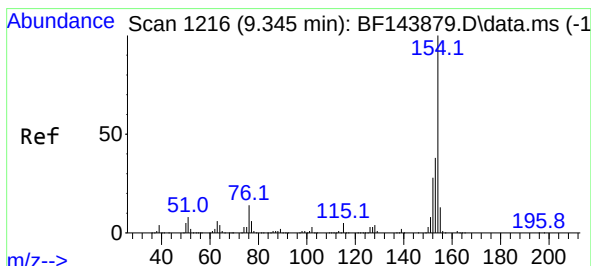
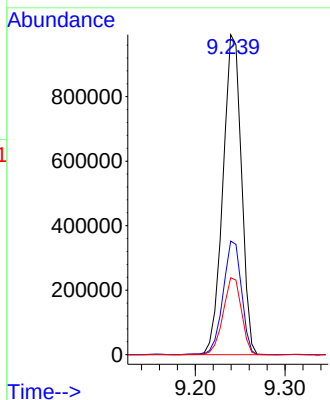
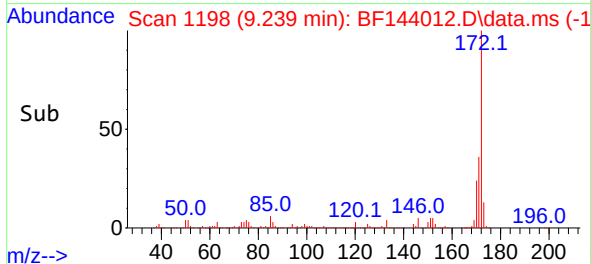
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



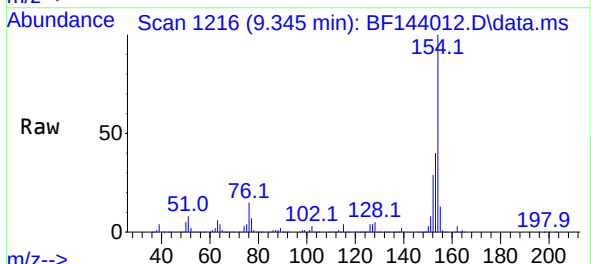
Tgt Ion:172 Resp: 141819
Ion Ratio Lower Upper
172 100
171 35.5 27.4 41.0
170 24.1 18.6 28.0

Manual Integrations
APPROVED

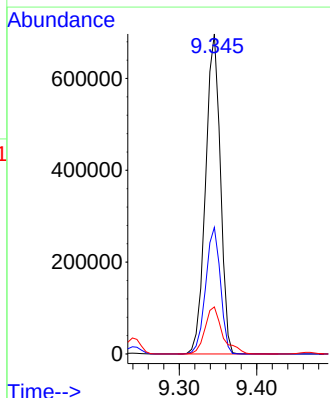
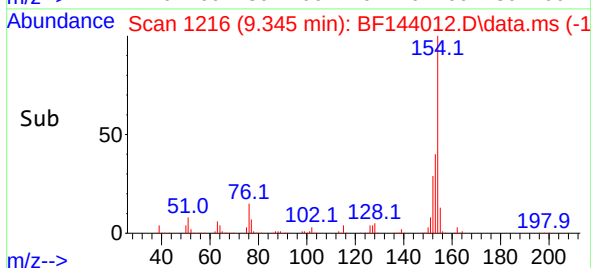
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

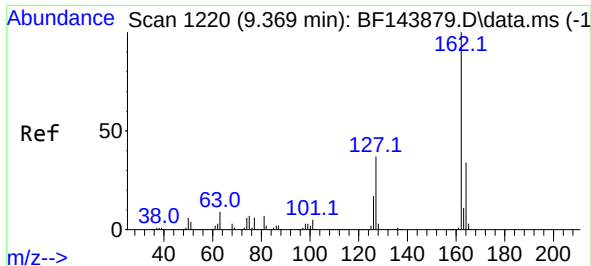


#46
1,1'-Biphenyl
Concen: 49.10 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



Tgt Ion:154 Resp: 921388
Ion Ratio Lower Upper
154 100
153 39.6 18.4 58.4
76 14.7 0.0 34.0





#47

2-Chloronaphthalene

Concen: 45.32 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144012.D

Acq: 21 Oct 2025 14:59

Instrument :

BNA_F

ClientSampleId :

PB170166BSD

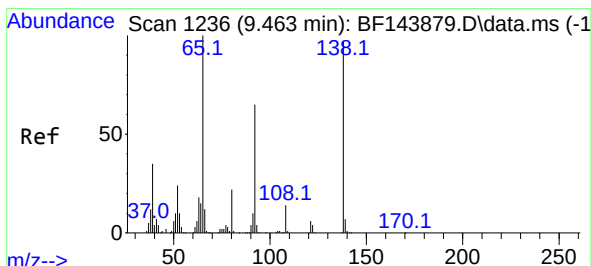
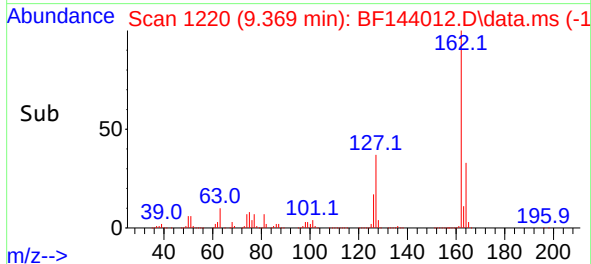
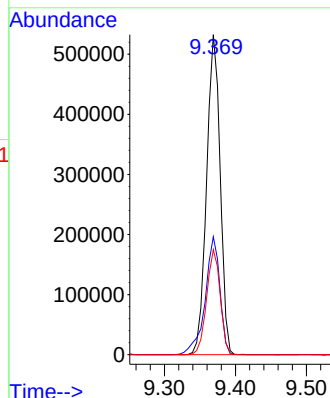
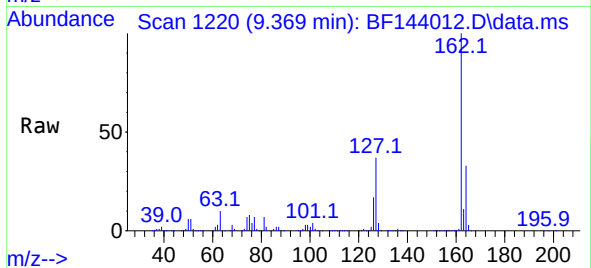
Tgt Ion:162 Resp: 709052
 Ion Ratio Lower Upper
 162 100
 127 36.8 30.2 45.2
 164 32.8 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/22/2025

Supervised By :Jagrut Upadhyay 10/22/2025



#48

2-Nitroaniline

Concen: 50.95 ng

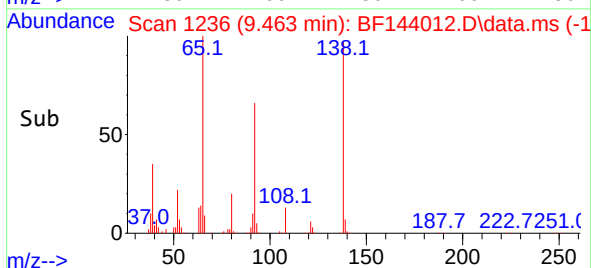
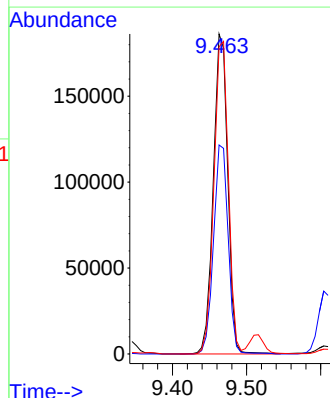
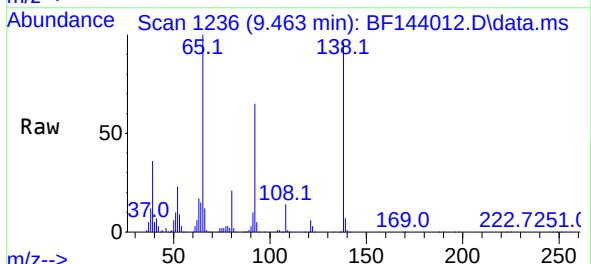
RT: 9.463 min Scan# 1236

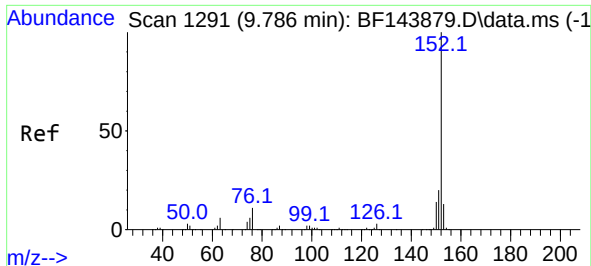
Delta R.T. -0.006 min

Lab File: BF144012.D

Acq: 21 Oct 2025 14:59

Tgt Ion: 65 Resp: 252025
 Ion Ratio Lower Upper
 65 100
 92 65.3 52.1 78.1
 138 96.0 77.4 116.2





#49

Acenaphthylene

Concen: 51.05 ng

RT: 9.786 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF144012.D

Acq: 21 Oct 2025 14:59

Instrument :

BNA_F

ClientSampleId :

PB170166BSD

Tgt Ion:152 Resp: 112293

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.6

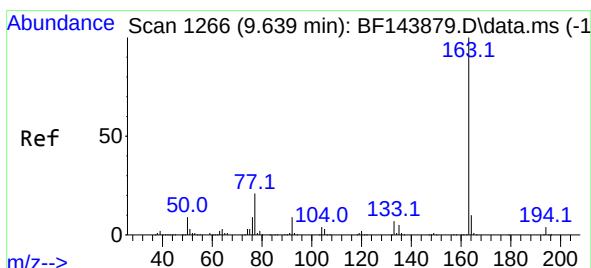
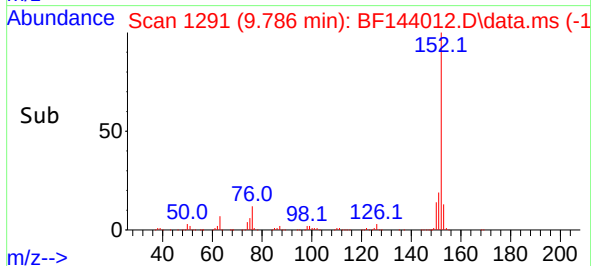
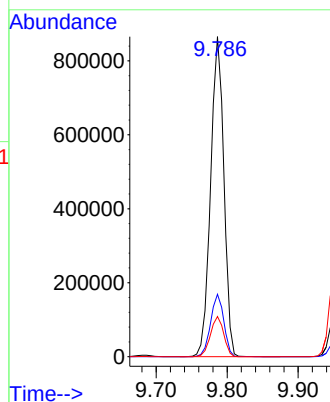
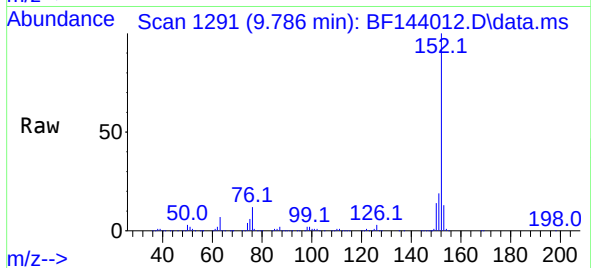
153 12.5 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/22/2025

Supervised By :Jagrut Upadhyay 10/22/2025



#50

Dimethylphthalate

Concen: 47.01 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF144012.D

Acq: 21 Oct 2025 14:59

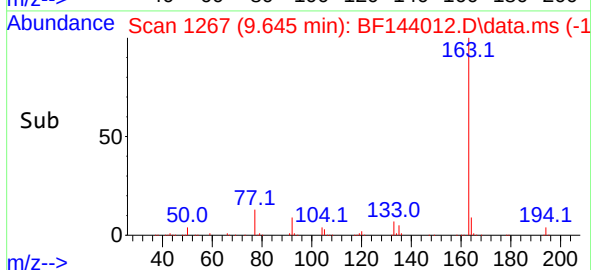
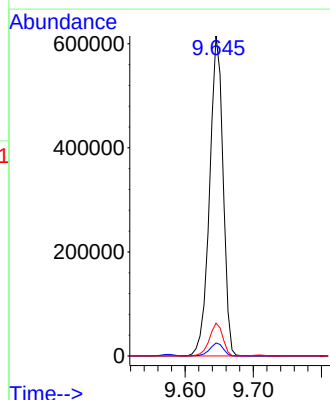
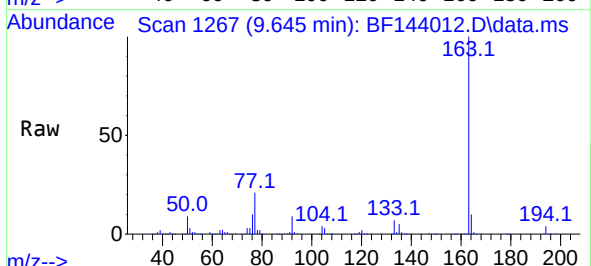
Tgt Ion:163 Resp: 846171

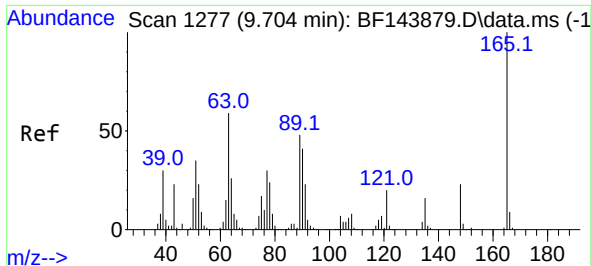
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

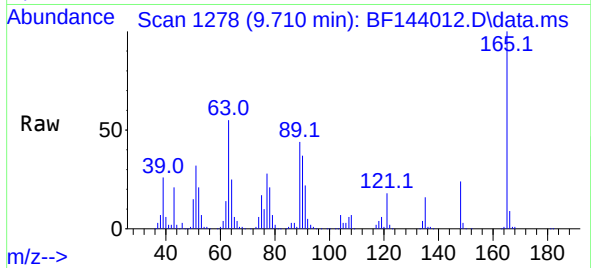
164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 54.93 ng
RT: 9.710 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

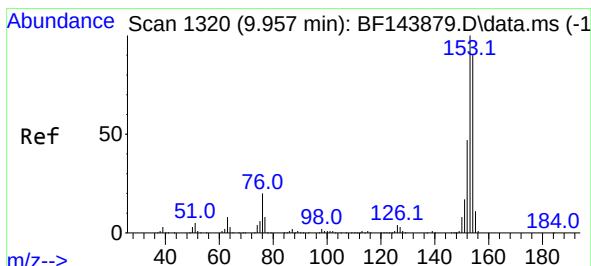
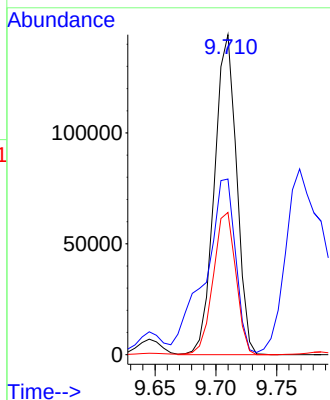
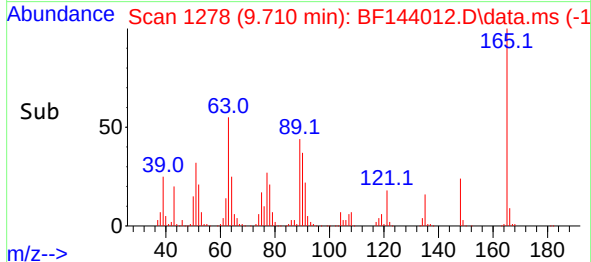
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



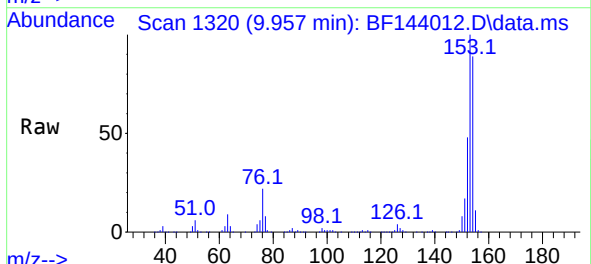
Tgt Ion:165 Resp: 183336
Ion Ratio Lower Upper
165 100
63 54.9 47.3 70.9
89 44.4 38.2 57.4

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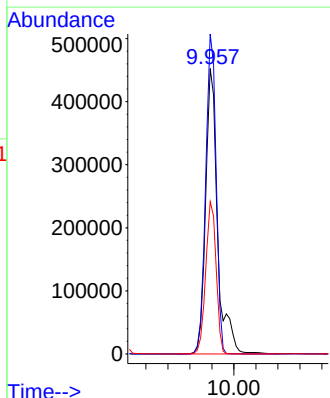
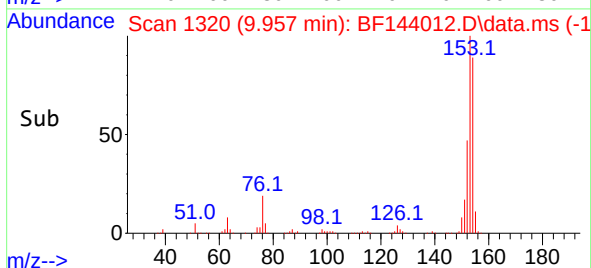
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

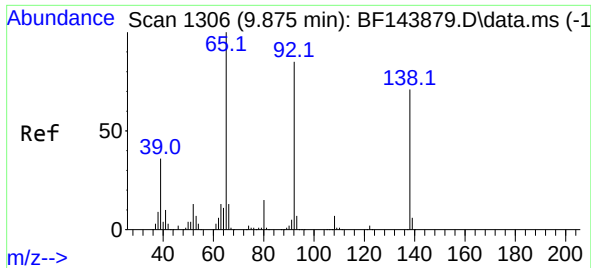


#52
Acenaphthene
Concen: 47.47 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



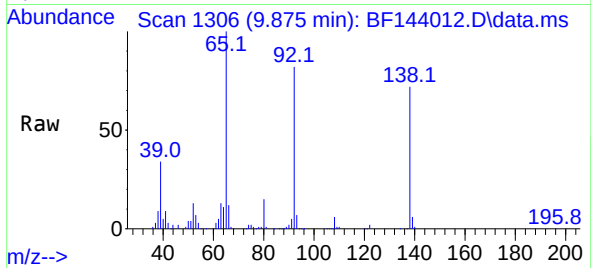
Tgt Ion:154 Resp: 684189
Ion Ratio Lower Upper
154 100
153 112.1 89.3 133.9
152 53.4 42.2 63.2





#53
3-Nitroaniline
Concen: 29.11 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

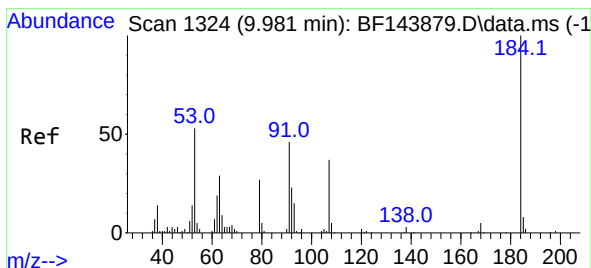
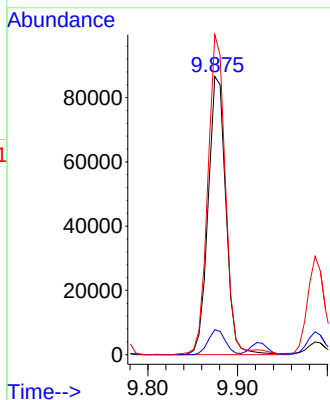
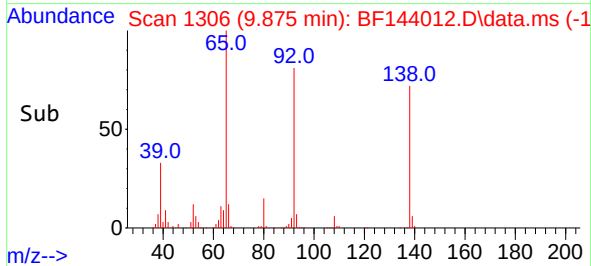
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



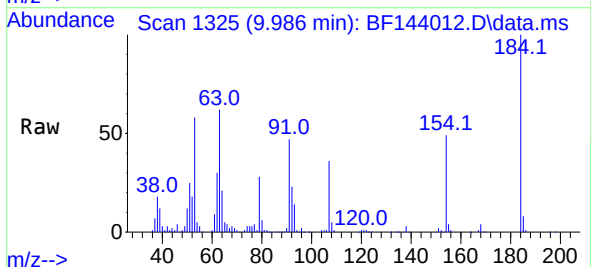
Tgt Ion:138 Resp: 118984
Ion Ratio Lower Upper
138 100
108 9.0 8.3 12.5
92 115.0 96.2 144.2

Manual Integrations
APPROVED

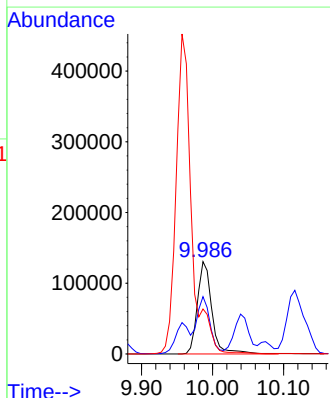
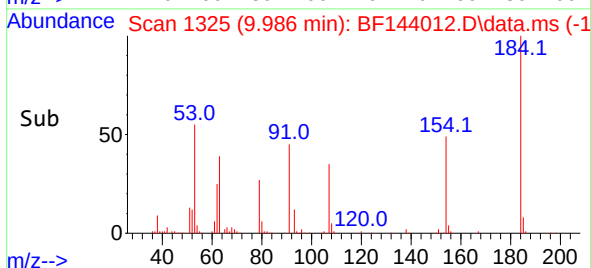
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

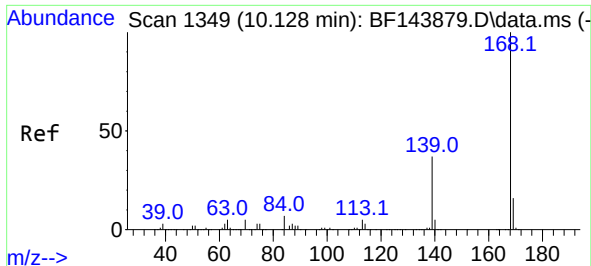


#54
2,4-Dinitrophenol
Concen: 89.37 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



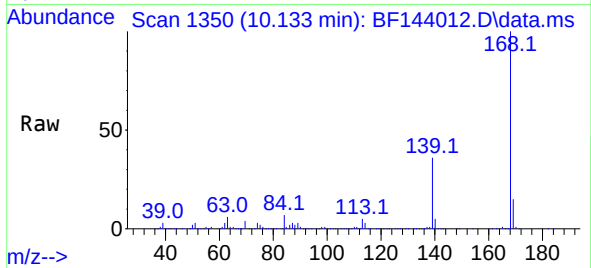
Tgt Ion:184 Resp: 185834
Ion Ratio Lower Upper
184 100
63 62.1 48.2 72.4
154 48.7 49.2 73.8#





#55
Dibenzenofuran
Concen: 45.32 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

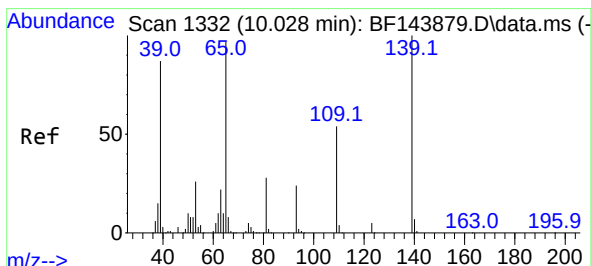
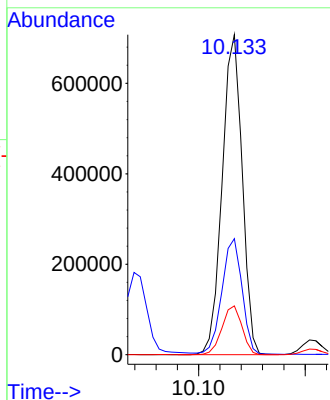
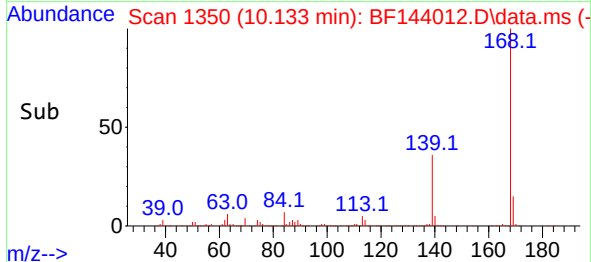
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



Tgt Ion:168 Resp: 922010
Ion Ratio Lower Upper
168 100
139 36.2 29.8 44.8
169 15.3 12.8 19.2

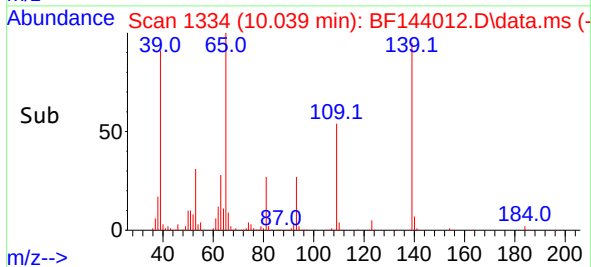
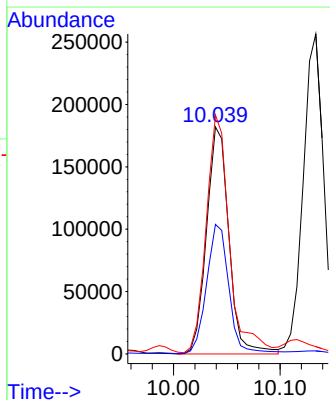
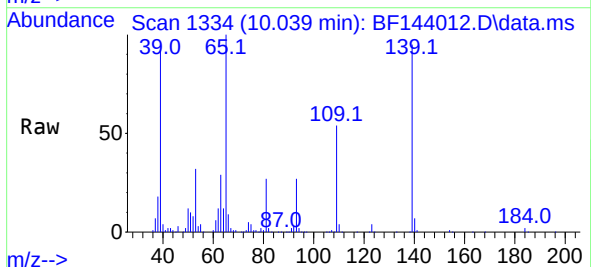
Manual Integrations
APPROVED

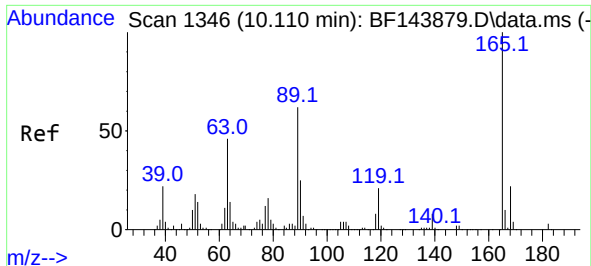
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#56
4-Nitrophenol
Concen: 85.82 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

Tgt Ion:139 Resp: 265552
Ion Ratio Lower Upper
139 100
109 57.1 34.5 74.5
65 105.3 77.6 117.6





#57
2,4-Dinitrotoluene
Concen: 53.92 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

Instrument :

BNA_F

ClientSampleId :

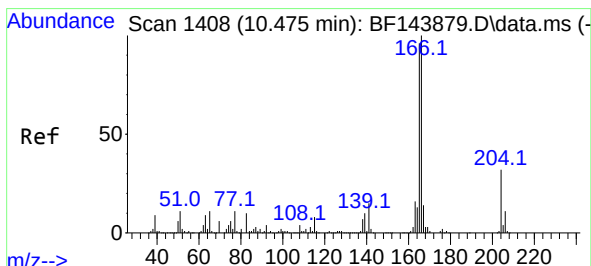
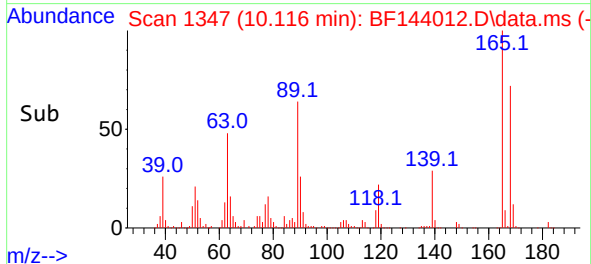
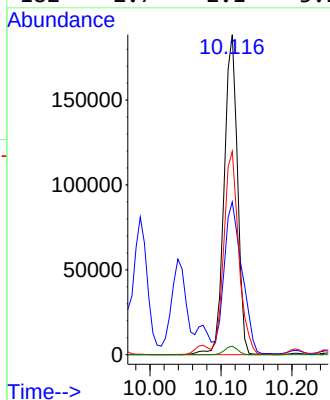
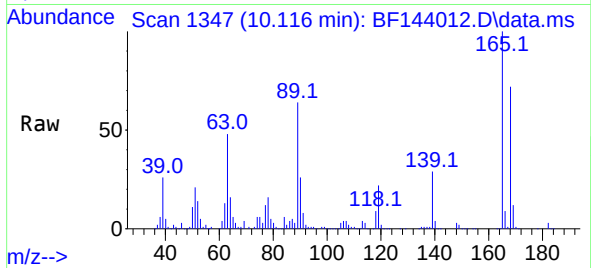
PB170166BSD

Tgt Ion:165 Resp: 244879
Ion Ratio Lower Upper
165 100
63 47.7 37.2 55.8
89 63.5 49.4 74.2
182 2.7 2.1 3.1

Manual Integrations

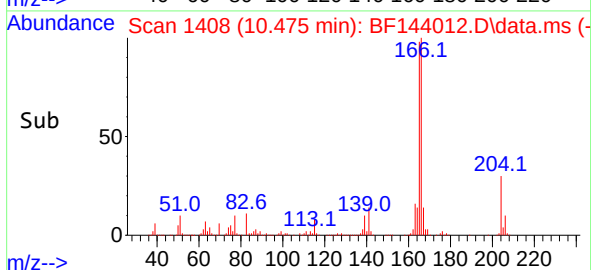
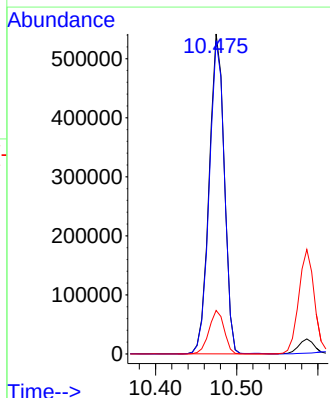
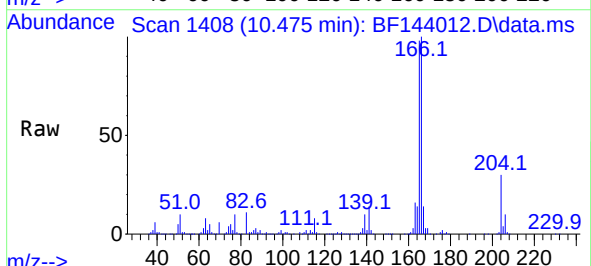
APPROVED

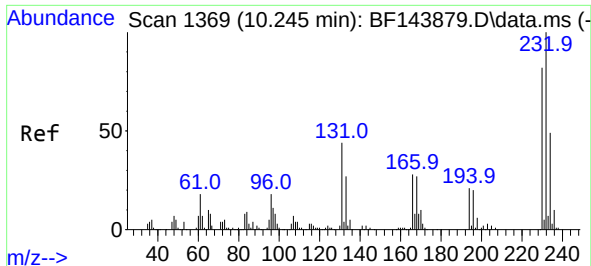
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#58
Fluorene
Concen: 45.56 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

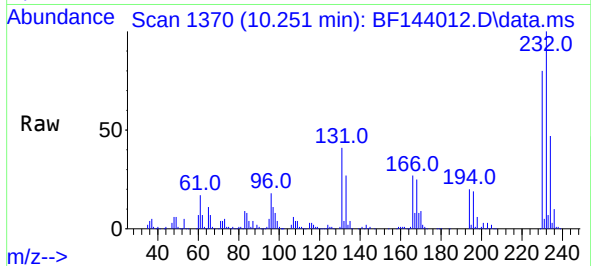
Tgt Ion:166 Resp: 699527
Ion Ratio Lower Upper
166 100
165 97.9 77.0 115.6
167 13.6 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.87 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

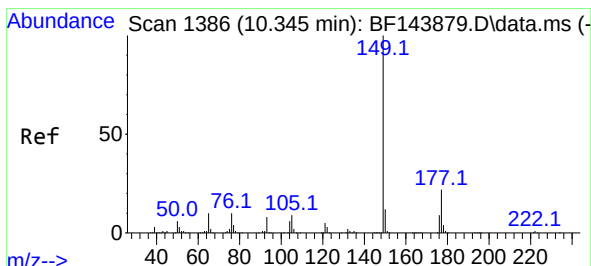
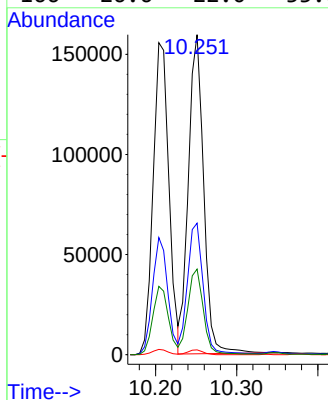
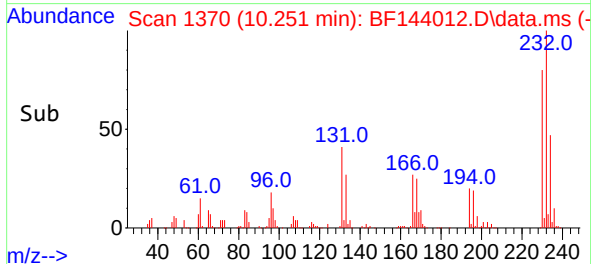
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



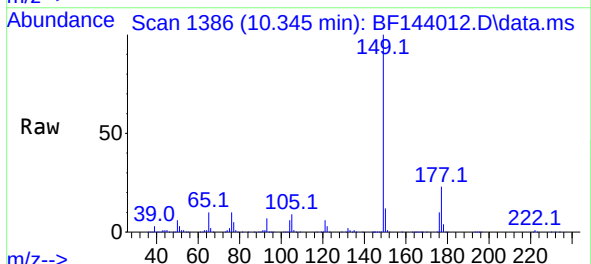
Tgt Ion:232 Resp: 20925
Ion Ratio Lower Upper
232 100
131 42.4 34.9 52.3
130 1.5 1.6 2.4
166 26.6 22.0 33.0

Manual Integrations
APPROVED

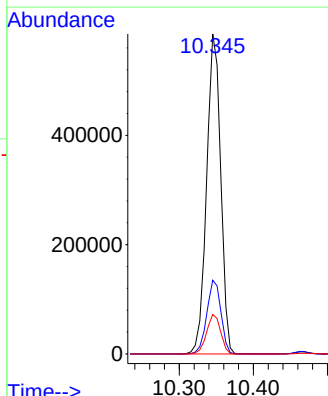
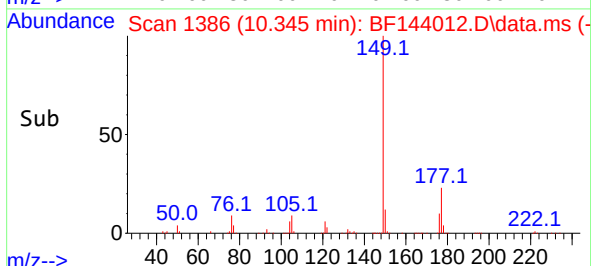
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

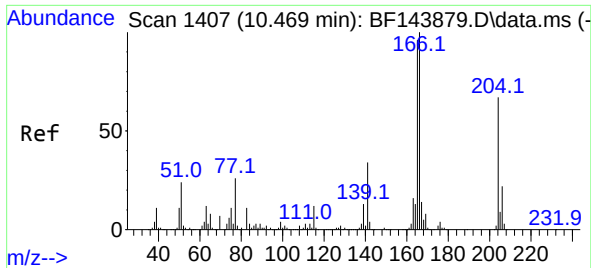


#60
Diethylphthalate
Concen: 46.20 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



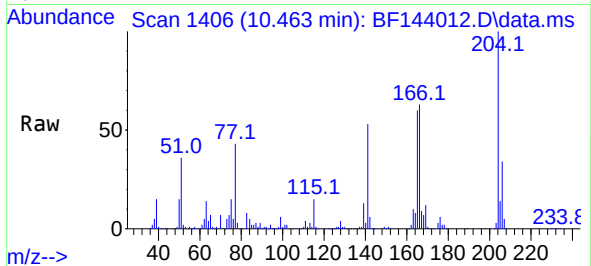
Tgt Ion:149 Resp: 772537
Ion Ratio Lower Upper
149 100
177 23.0 17.9 26.9
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 45.60 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

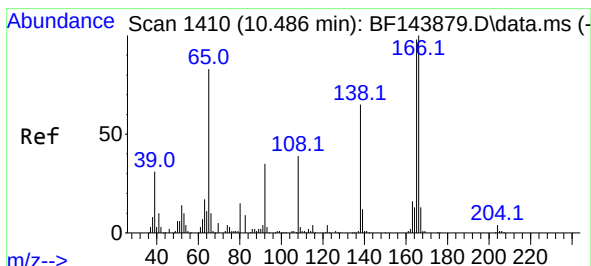
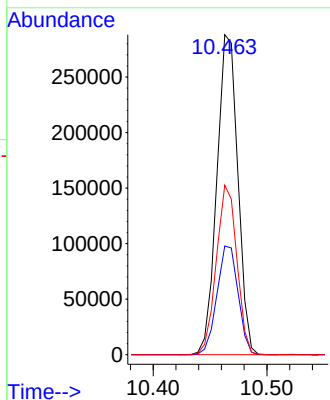
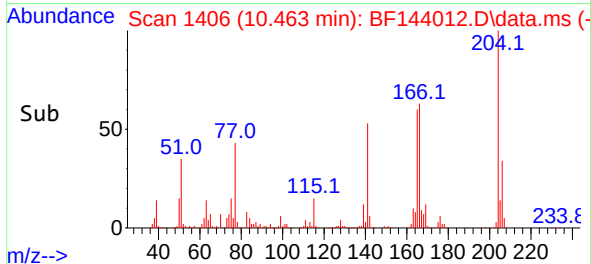
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



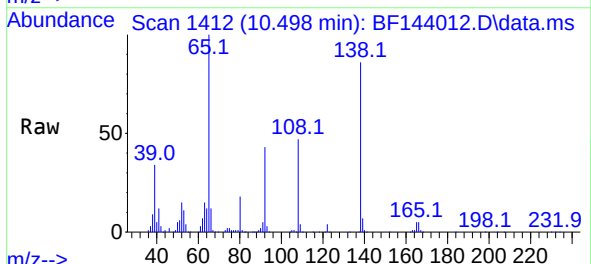
Tgt Ion:204 Resp: 37014
Ion Ratio Lower Upper
204 100
206 34.0 26.6 40.0
141 53.0 40.4 60.6

Manual Integrations
APPROVED

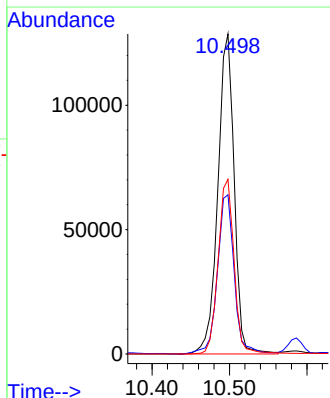
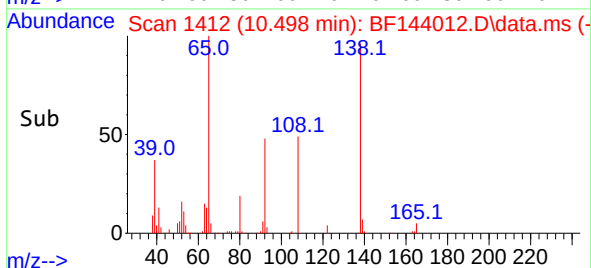
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

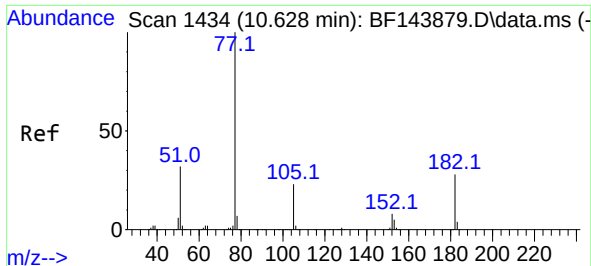


#62
4-Nitroaniline
Concen: 48.17 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



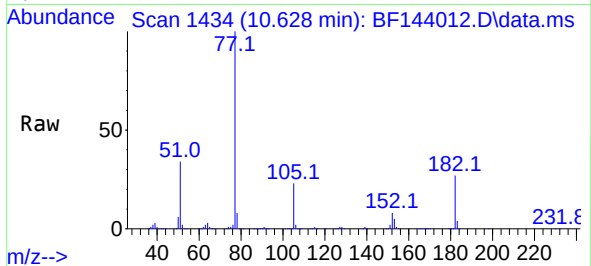
Tgt Ion:138 Resp: 189298
Ion Ratio Lower Upper
138 100
92 49.8 33.9 73.9
108 54.6 40.2 80.2





#63
Azobenzene
Concen: 47.45 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

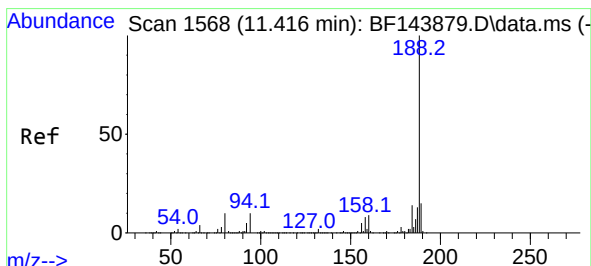
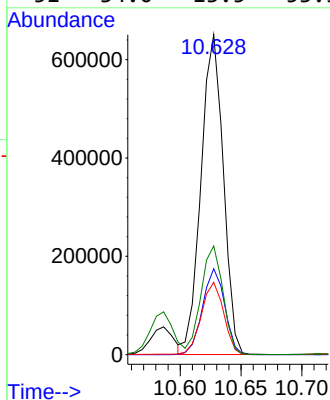
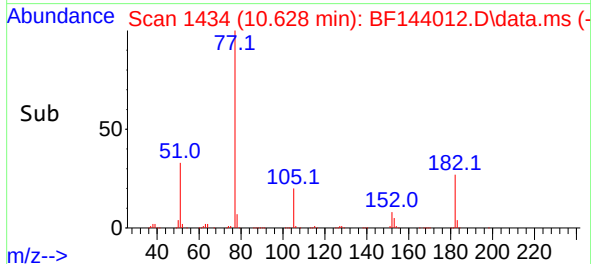
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



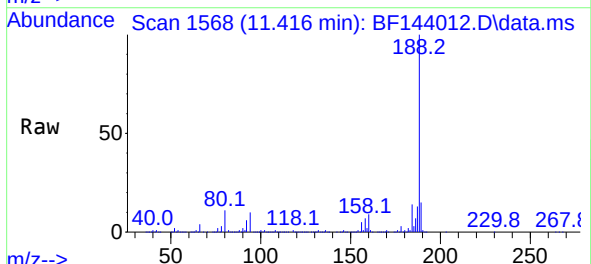
Tgt Ion: 77 Resp: 82918
Ion Ratio Lower Upper
77 100
182 26.9 7.3 47.3
105 22.6 3.0 43.0
51 34.0 13.5 53.5

Manual Integrations
APPROVED

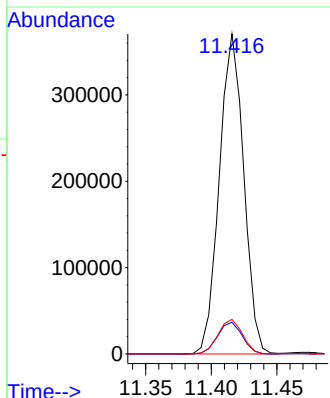
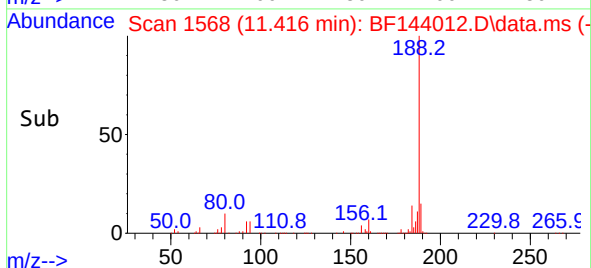
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

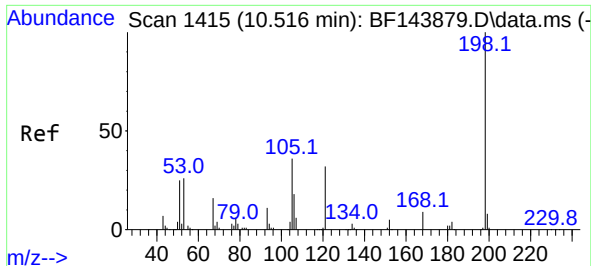


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



Tgt Ion:188 Resp: 479338
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.8 7.9 11.9





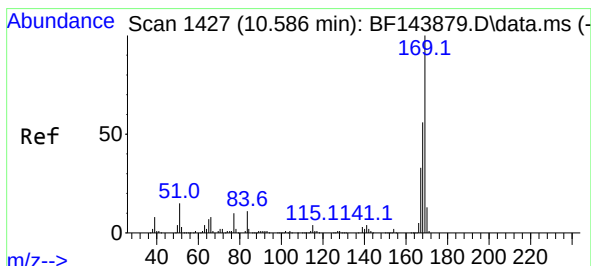
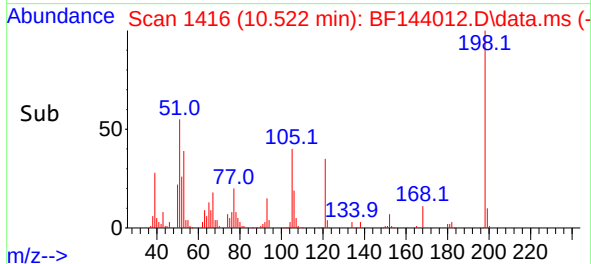
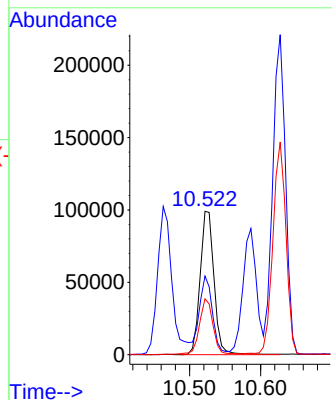
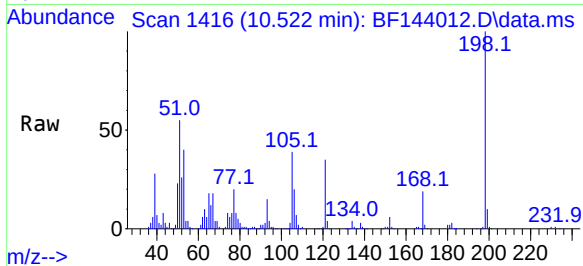
#65
4,6-Dinitro-2-methylphenol
Concen: 56.20 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

Instrument :
BNA_F
ClientSampleId :
PB170166BSD

Tgt Ion:198 Resp: 13537
Ion Ratio Lower Upper
198 100
51 54.7 33.8 73.8
105 38.9 17.0 57.0

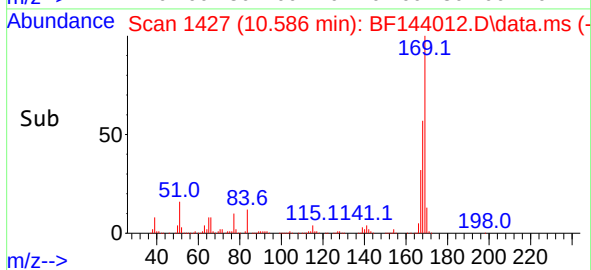
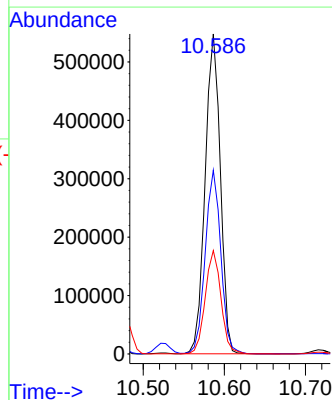
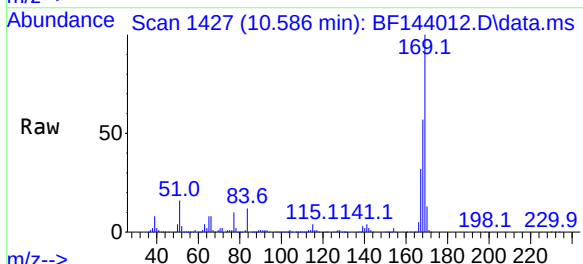
Manual Integrations
APPROVED

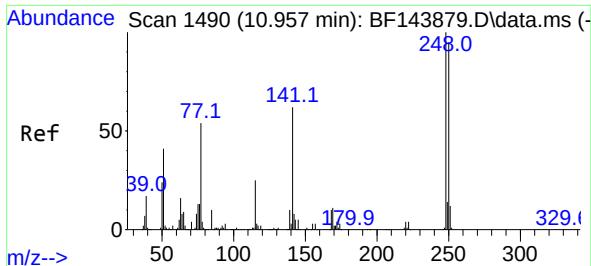
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#66
n-Nitrosodiphenylamine
Concen: 47.29 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

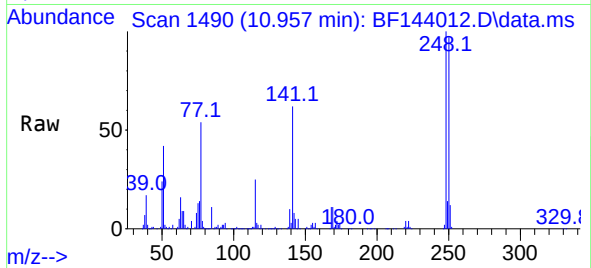
Tgt Ion:169 Resp: 711691
Ion Ratio Lower Upper
169 100
168 57.4 44.9 67.3
167 32.3 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 45.83 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

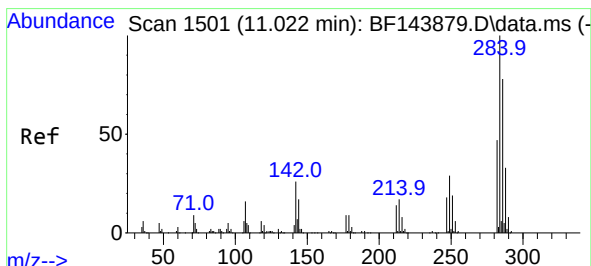
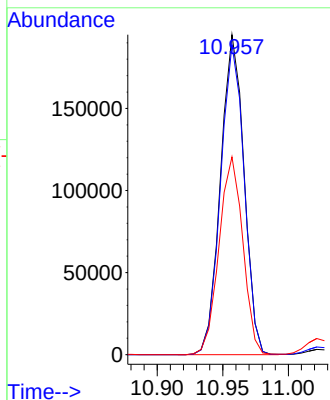
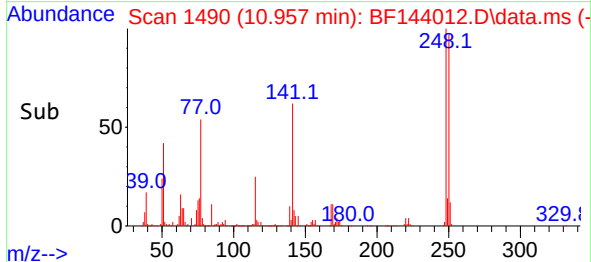
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



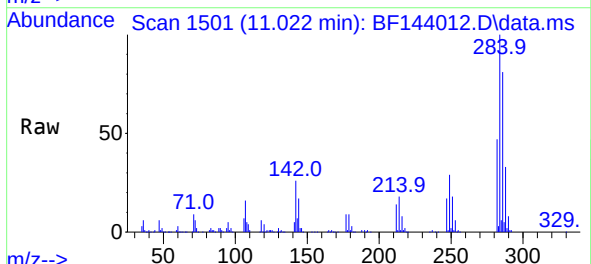
Tgt Ion:248 Resp: 24275
Ion Ratio Lower Upper
248 100
250 96.9 76.3 114.5
141 61.8 49.7 74.5

Manual Integrations
APPROVED

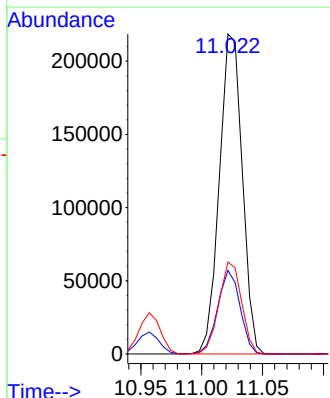
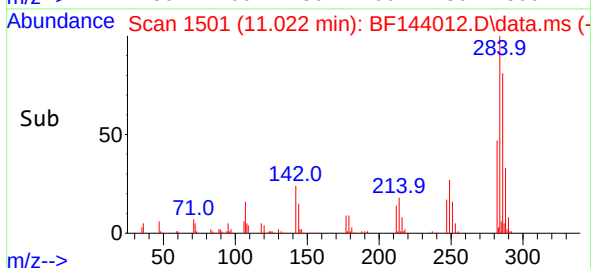
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

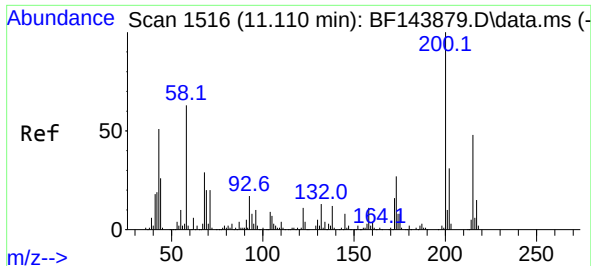


#68
Hexachlorobenzene
Concen: 46.69 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



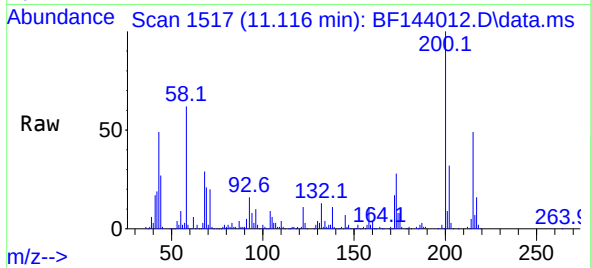
Tgt Ion:284 Resp: 286318
Ion Ratio Lower Upper
284 100
142 26.1 20.6 30.8
249 28.7 23.2 34.8





#69
Atrazine
Concen: 48.98 ng
RT: 11.116 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

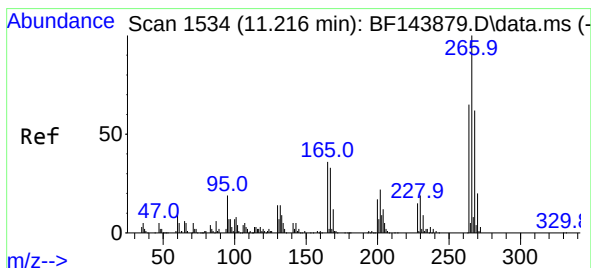
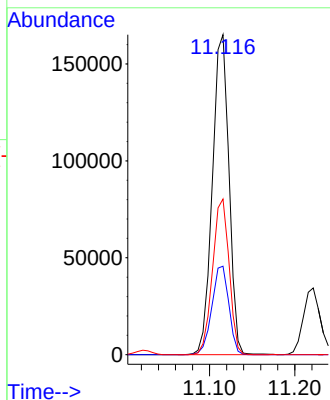
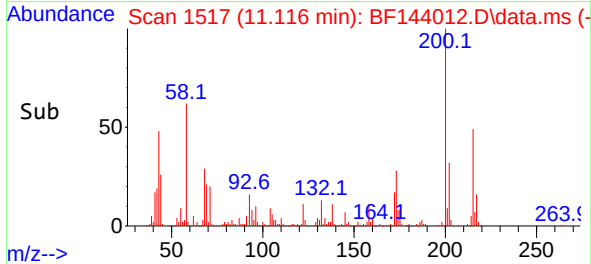
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



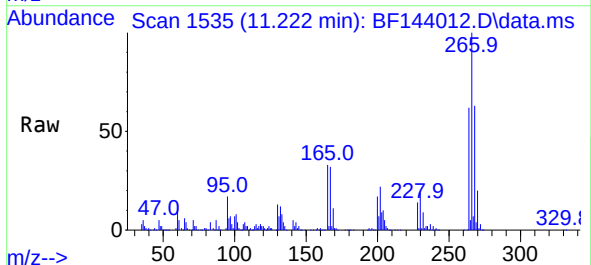
Tgt Ion:200 Resp: 22341
Ion Ratio Lower Upper
200 100
173 27.7 7.0 47.0
215 48.7 27.8 67.8

Manual Integrations
APPROVED

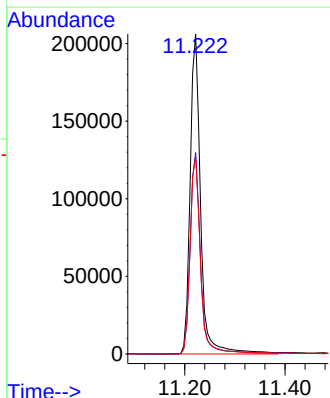
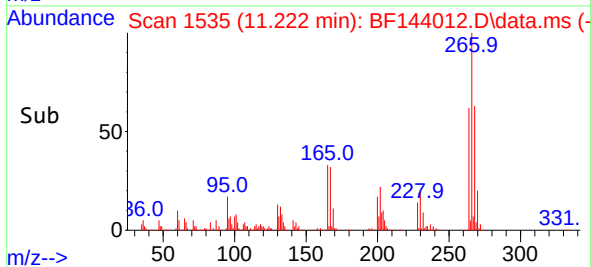
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

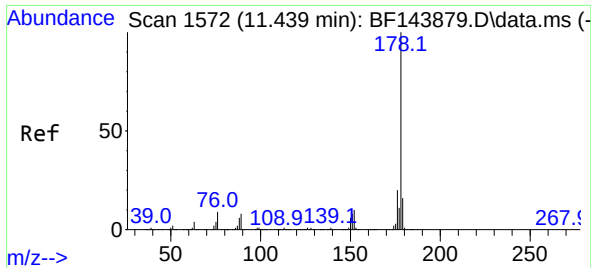


#70
Pentachlorophenol
Concen: 84.92 ng
RT: 11.222 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



Tgt Ion:266 Resp: 299120
Ion Ratio Lower Upper
266 100
268 62.9 49.4 74.0
264 62.0 51.8 77.6





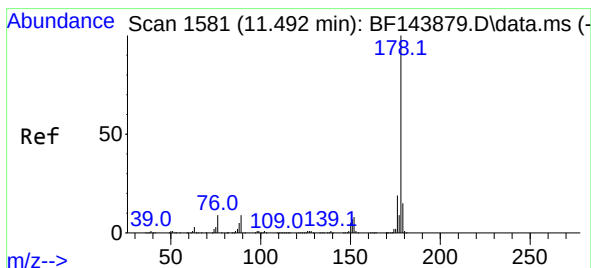
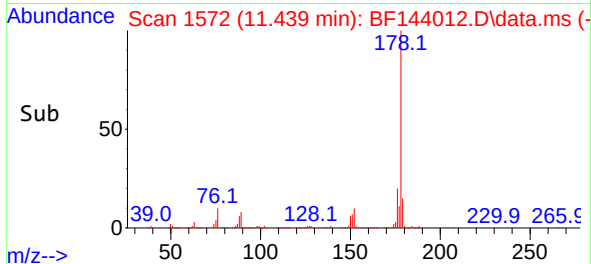
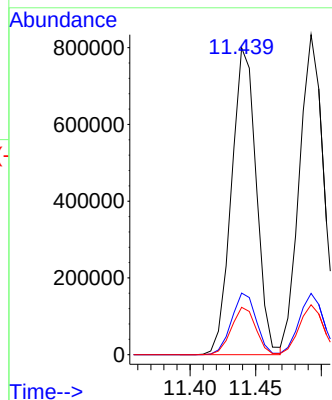
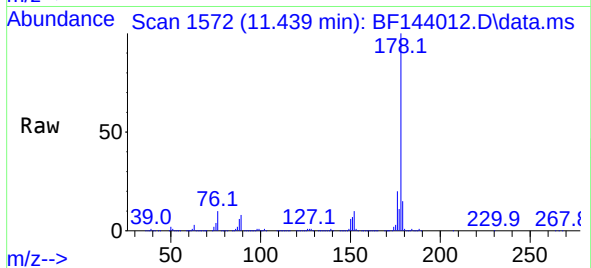
#71
Phenanthrene
Concen: 45.23 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

Instrument :
BNA_F
ClientSampleId :
PB170166BSD

Tgt Ion:178 Resp: 105110
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 15.4 12.4 18.6

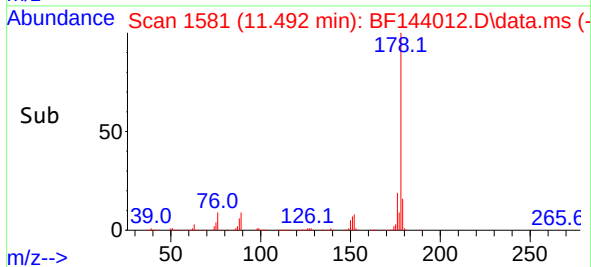
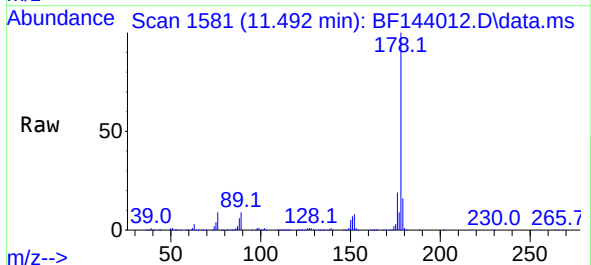
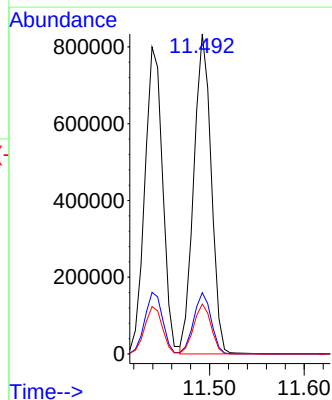
Manual Integrations
APPROVED

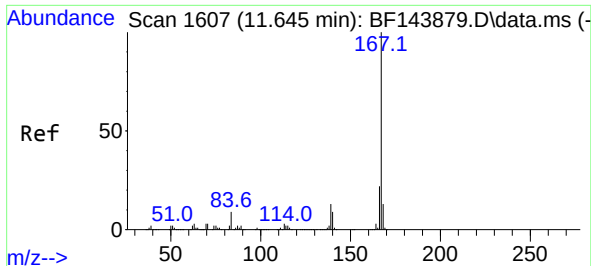
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#72
Anthracene
Concen: 45.49 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

Tgt Ion:178 Resp: 1067842
Ion Ratio Lower Upper
178 100
176 19.1 14.9 22.3
179 15.6 12.2 18.2





#73
 Carbazole
 Concen: 45.77 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF144012.D
 Acq: 21 Oct 2025 14:59

Instrument :

BNA_F

ClientSampleId :

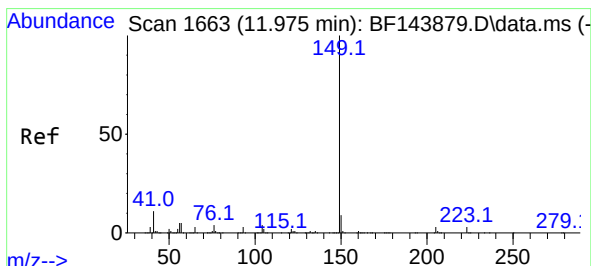
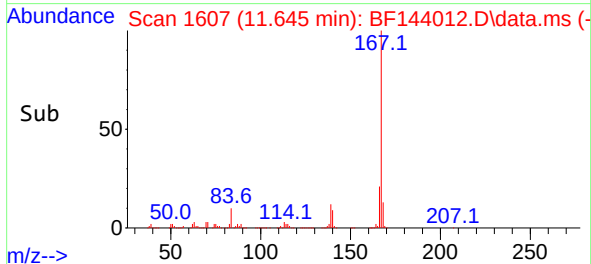
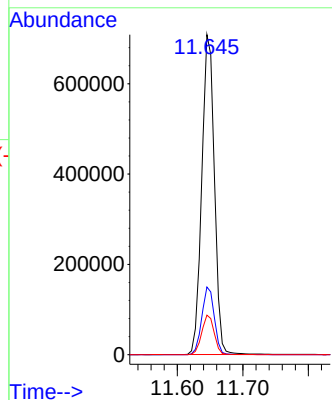
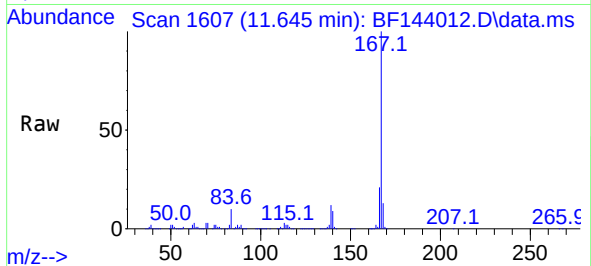
PB170166BSD

Tgt Ion:167 Resp: 951690
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 12.4 10.1 15.1

Manual Integrations

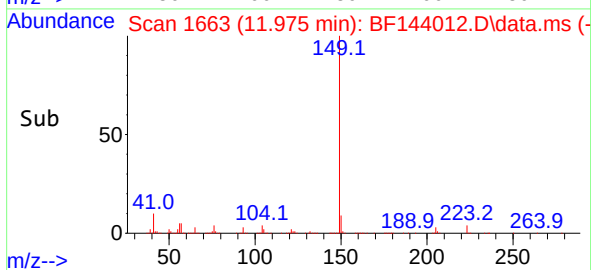
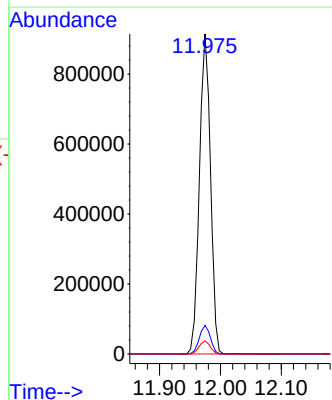
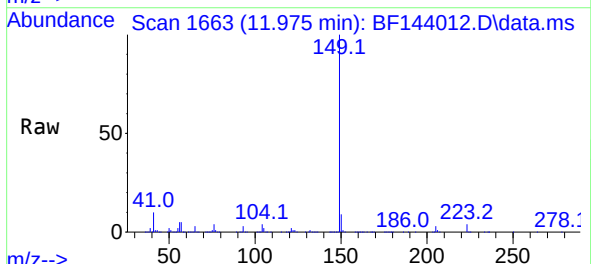
APPROVED

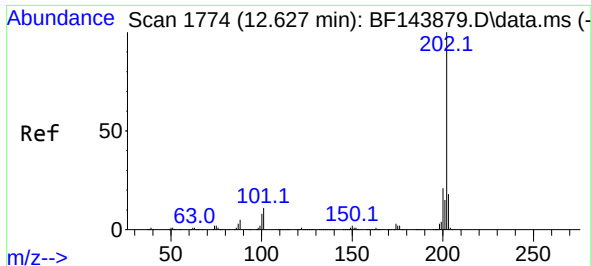
Reviewed By :Rahul Chavli 10/22/2025
 Supervised By :Jagrut Upadhyay 10/22/2025



#74
 Di-n-butylphthalate
 Concen: 47.75 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF144012.D
 Acq: 21 Oct 2025 14:59

Tgt Ion:149 Resp: 1150551
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.1 3.4 5.2





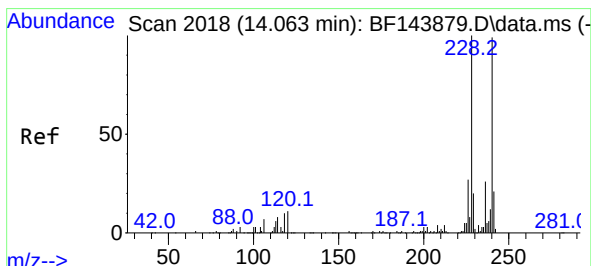
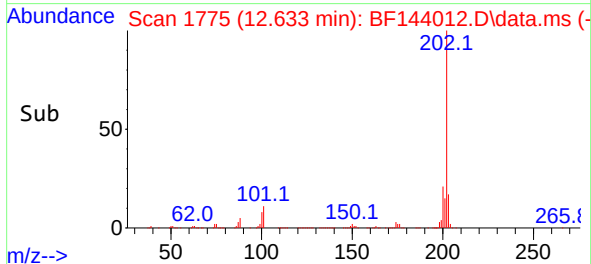
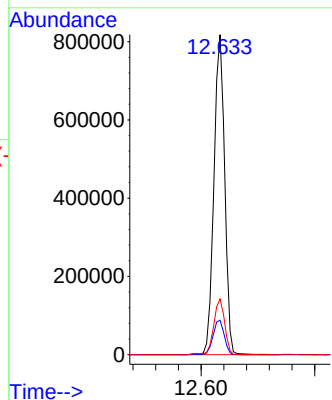
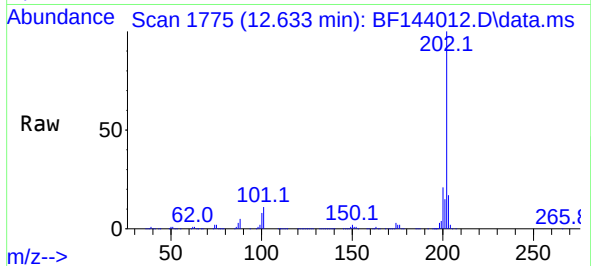
#75
Fluoranthene
Concen: 44.54 ng
RT: 12.633 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

Instrument :
BNA_F
ClientSampleId :
PB170166BSD

Tgt Ion:202 Resp: 106913
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.7
203 17.4 0.0 37.8

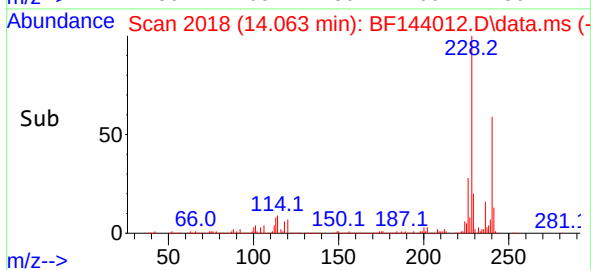
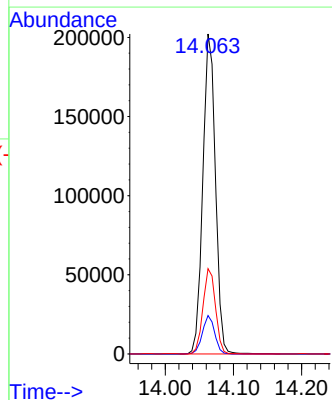
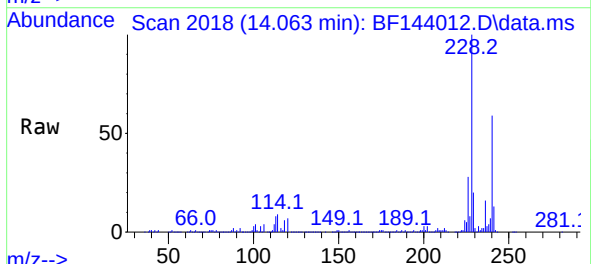
Manual Integrations
APPROVED

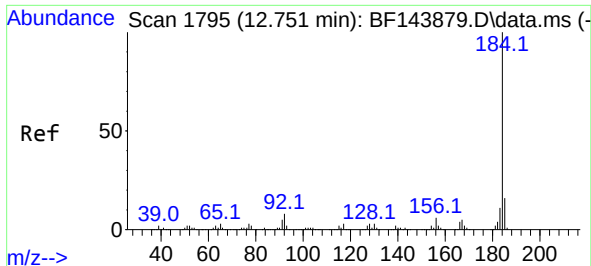
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

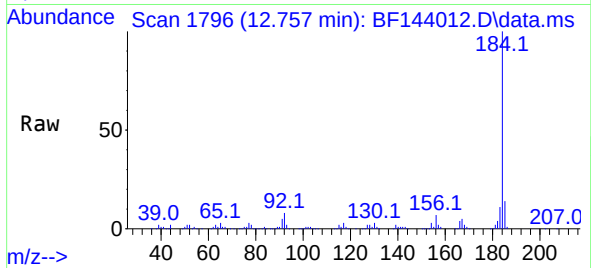
Tgt Ion:240 Resp: 259427
Ion Ratio Lower Upper
240 100
120 12.0 8.6 13.0
236 26.7 21.1 31.7





#77
Benzidine
Concen: 28.57 ng
RT: 12.757 min Scan# 1795
Delta R.T. -0.000 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

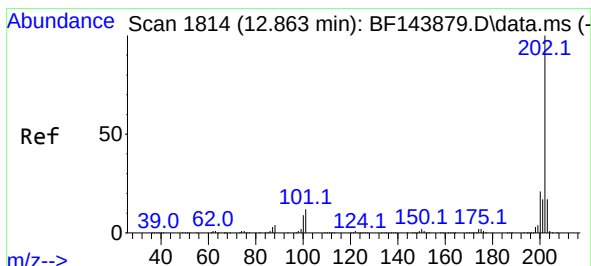
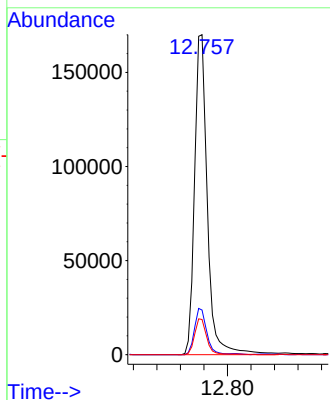
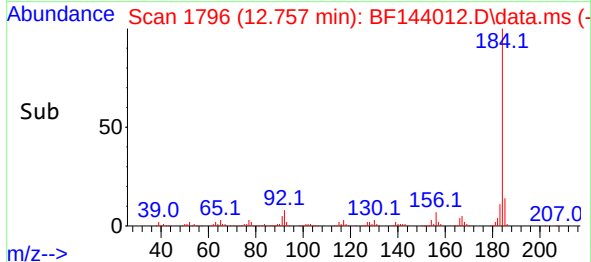
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



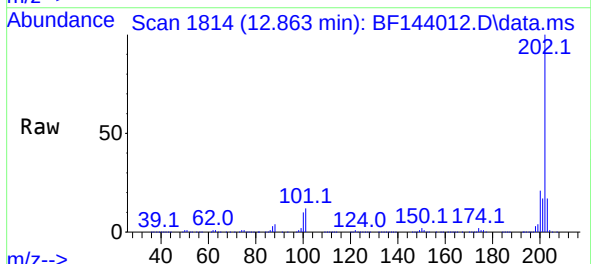
Tgt Ion:184 Resp: 25731
Ion Ratio Lower Upper
184 100
185 14.0 12.6 18.8
183 11.0 8.8 13.2

Manual Integrations
APPROVED

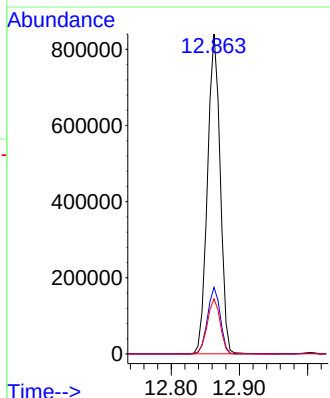
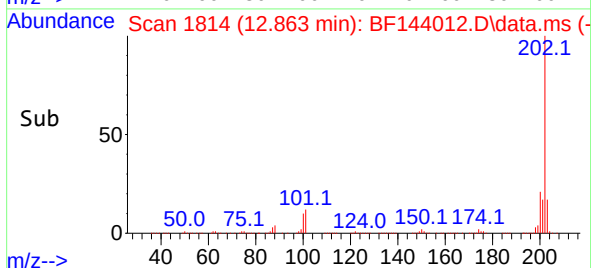
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

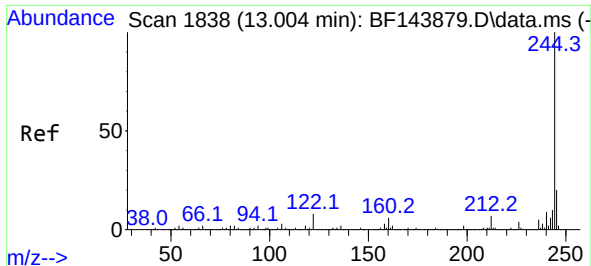


#78
Pyrene
Concen: 50.30 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



Tgt Ion:202 Resp: 1087880
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.6
203 17.3 13.8 20.6





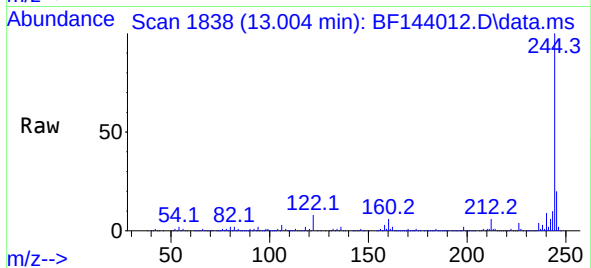
#79
 Terphenyl-d14
 Concen: 97.32 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF144012.D
 Acq: 21 Oct 2025 14:59

Instrument :

BNA_F

ClientSampleId :

PB170166BSD

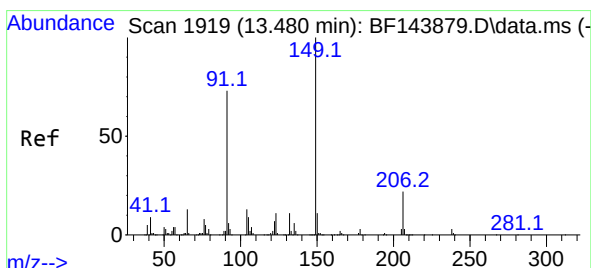
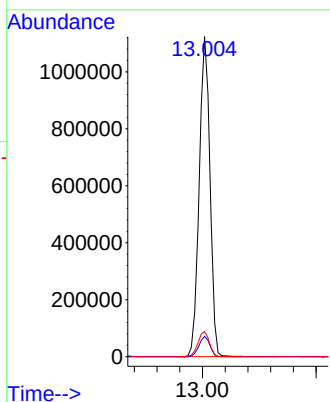
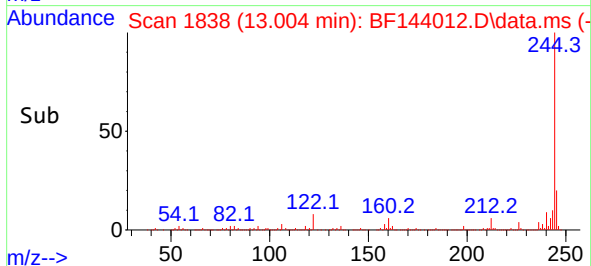


Tgt Ion:244 Resp: 1477250
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 7.9 6.4 9.6

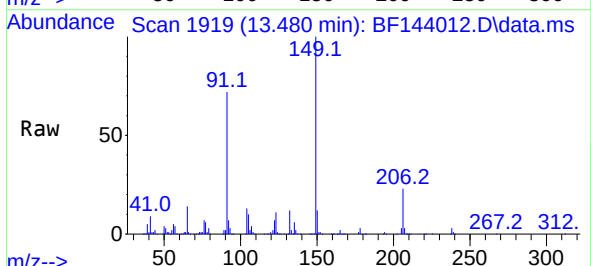
Manual Integrations

APPROVED

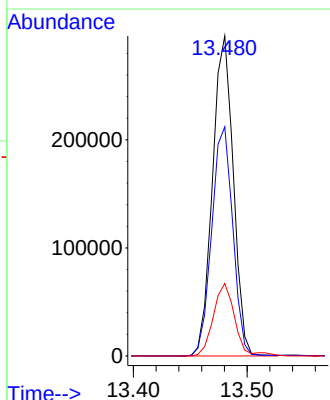
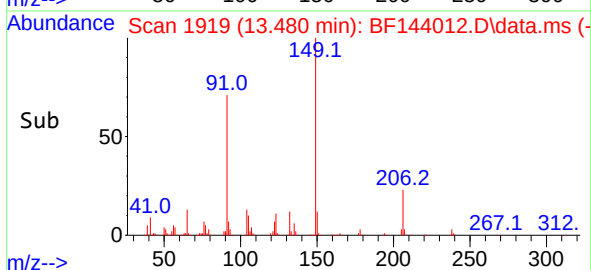
Reviewed By :Rahul Chavli 10/22/2025
 Supervised By :Jagrut Upadhyay 10/22/2025

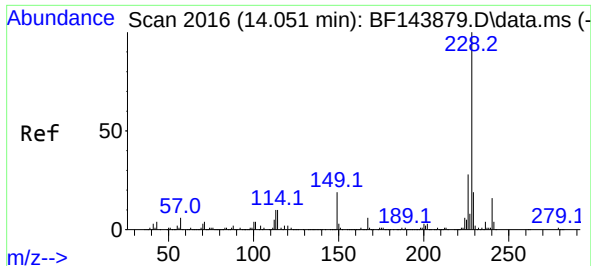


#80
 Butylbenzylphthalate
 Concen: 53.69 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF144012.D
 Acq: 21 Oct 2025 14:59



Tgt Ion:149 Resp: 377145
 Ion Ratio Lower Upper
 149 100
 91 71.6 58.2 87.2
 206 22.7 17.9 26.9





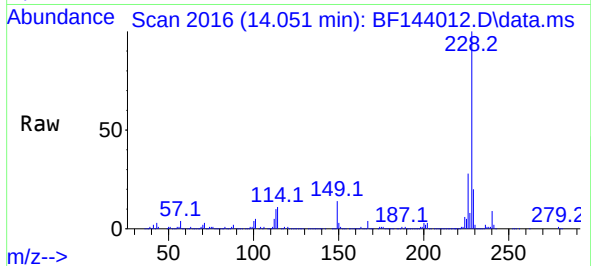
#81
Benzo(a)anthracene
Concen: 50.77 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

Instrument :

BNA_F

ClientSampleId :

PB170166BSD

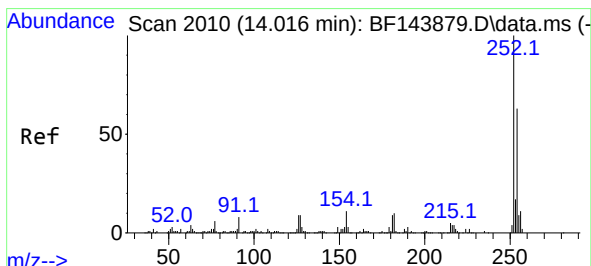
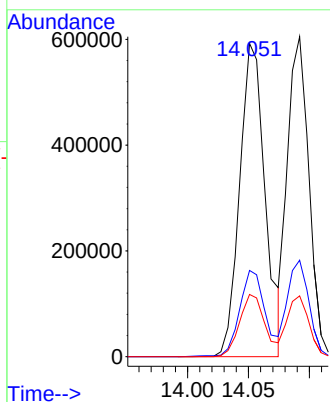
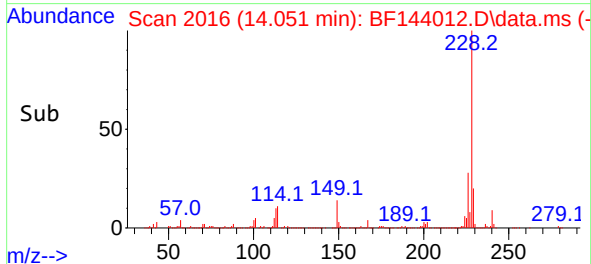


Tgt Ion:228 Resp: 861940
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.2
229 19.9 15.6 23.4

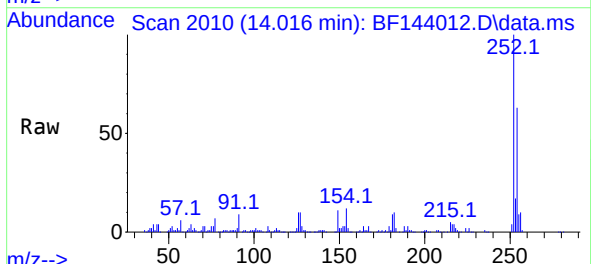
Manual Integrations

APPROVED

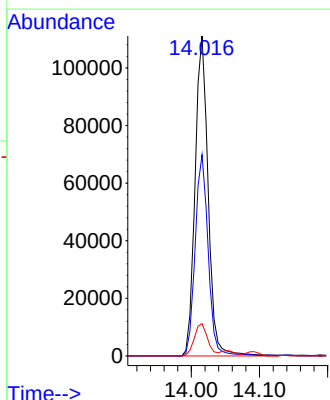
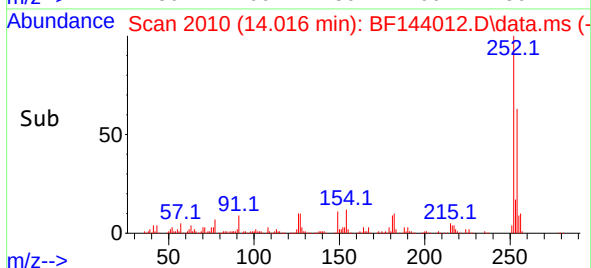
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

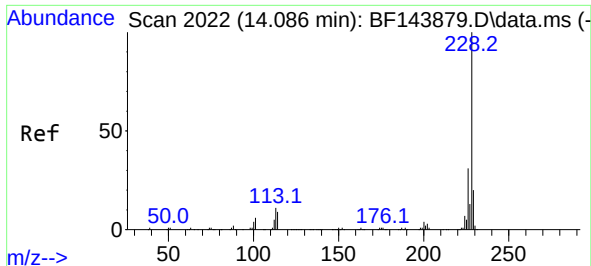


#82
3,3'-Dichlorobenzidine
Concen: 28.64 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



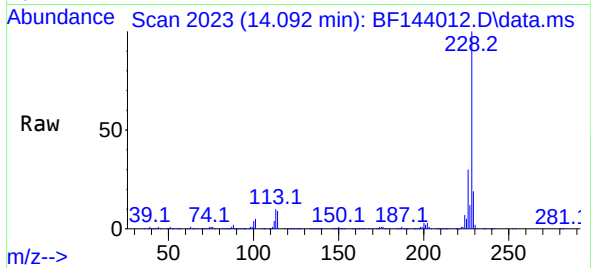
Tgt Ion:252 Resp: 148157
Ion Ratio Lower Upper
252 100
254 62.9 50.6 76.0
126 10.1 7.0 10.6





#83
Chrysene
Concen: 47.41 ng
RT: 14.092 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

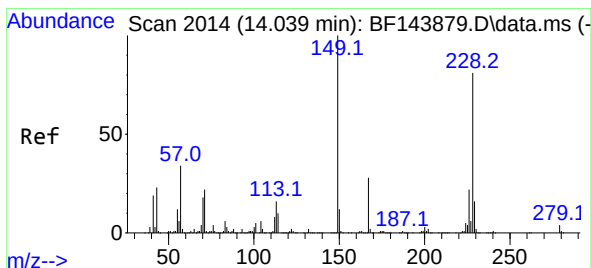
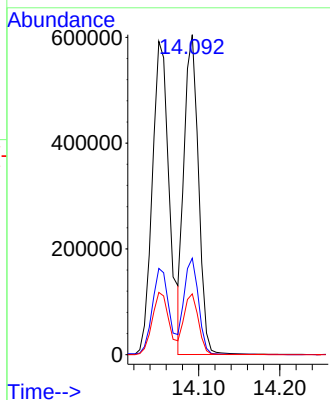
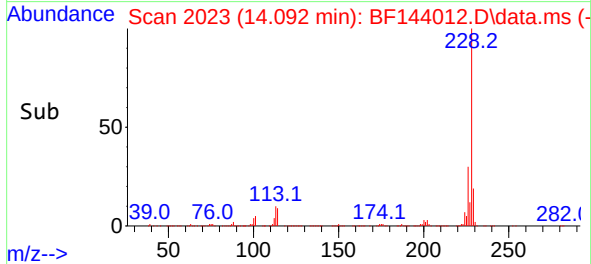
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



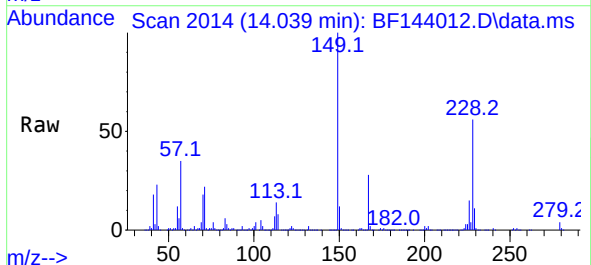
Tgt Ion:228 Resp: 744879
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 19.0 15.9 23.9

Manual Integrations
APPROVED

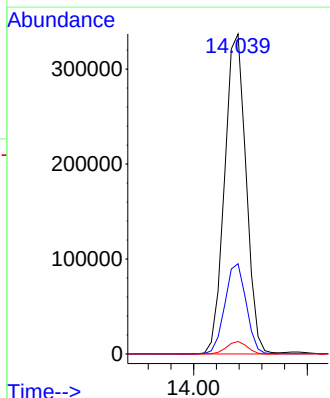
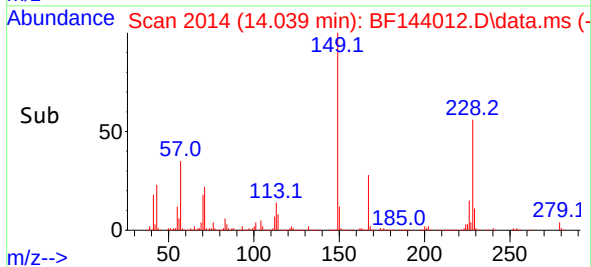
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

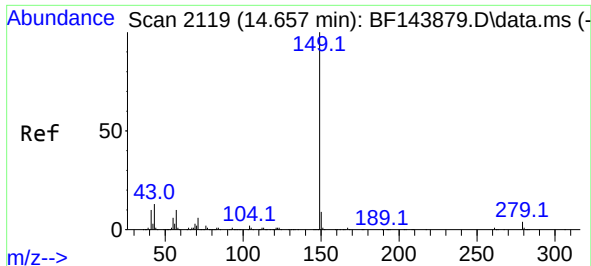


#84
Bis(2-ethylhexyl)phthalate
Concen: 52.26 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



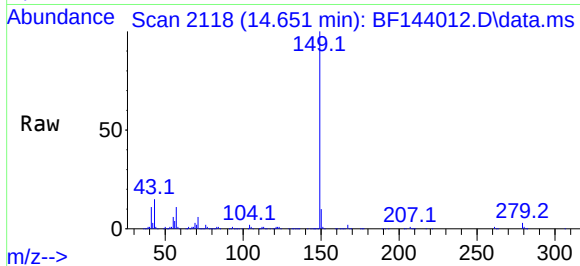
Tgt Ion:149 Resp: 442497
Ion Ratio Lower Upper
149 100
167 28.2 22.2 33.4
279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 52.56 ng
RT: 14.651 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

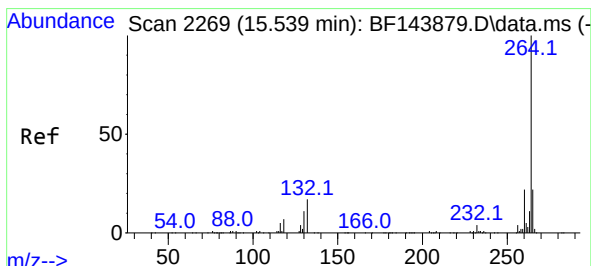
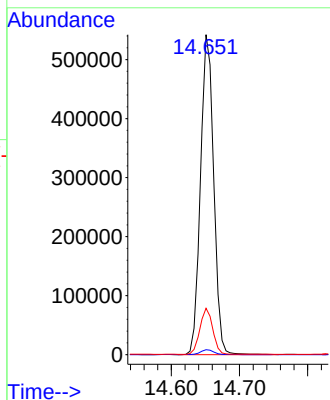
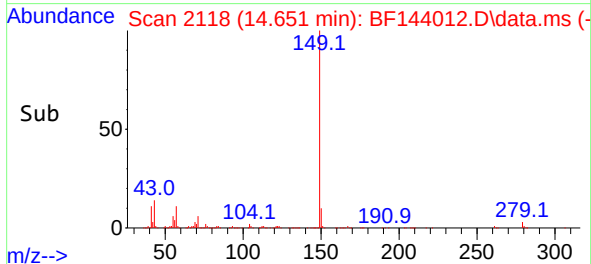
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



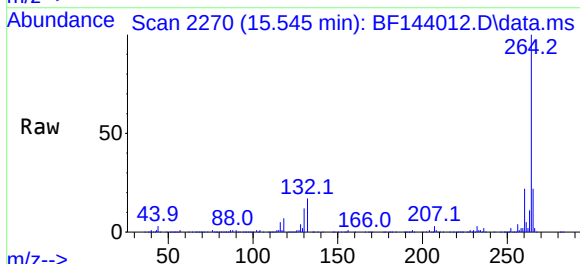
Tgt Ion:149 Resp: 73098
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 13.9 11.0 16.4

Manual Integrations
APPROVED

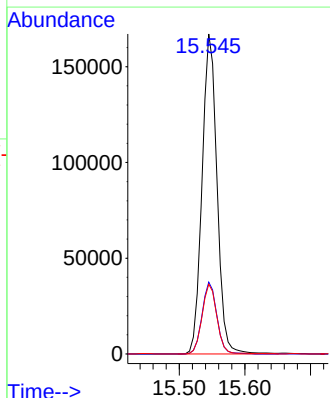
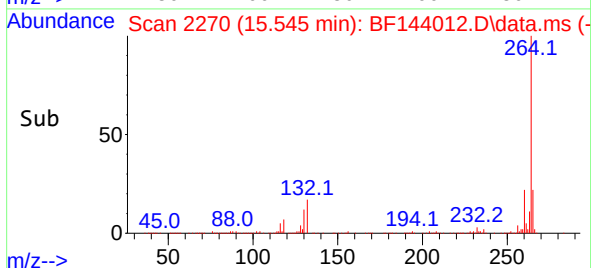
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

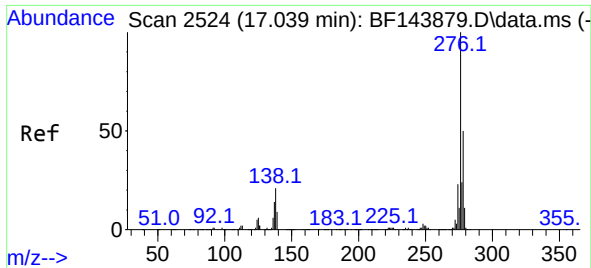


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



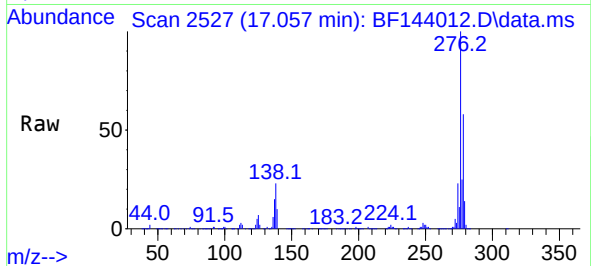
Tgt Ion:264 Resp: 265427
Ion Ratio Lower Upper
264 100
260 22.4 17.8 26.8
265 21.8 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.73 ng
RT: 17.057 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

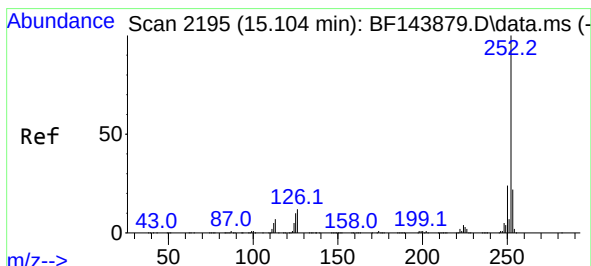
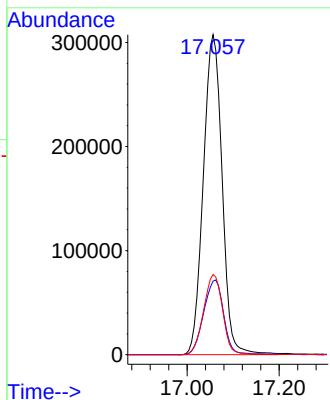
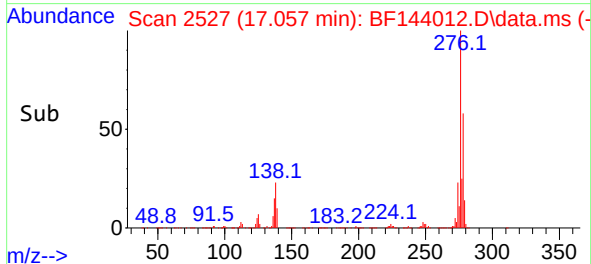
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



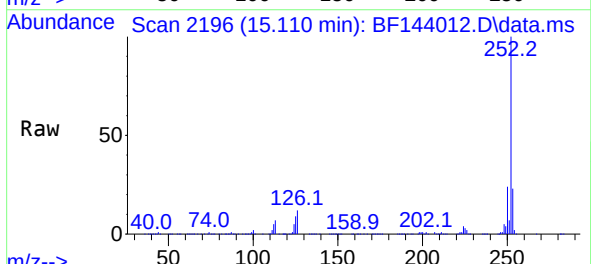
Tgt Ion:276 Resp: 87392
Ion Ratio Lower Upper
276 100
138 24.8 18.2 27.2
277 25.3 19.8 29.6

Manual Integrations
APPROVED

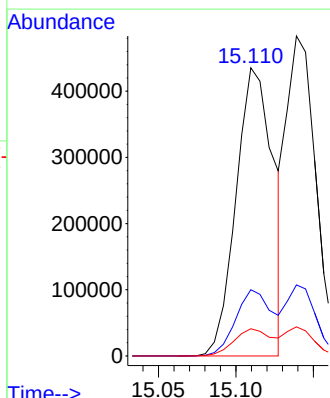
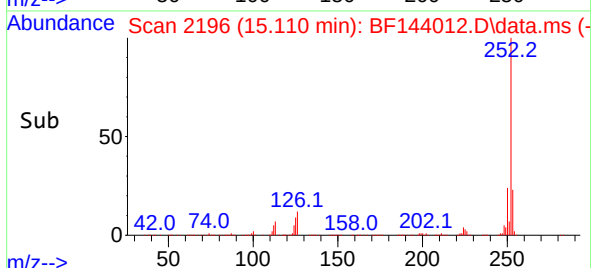
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

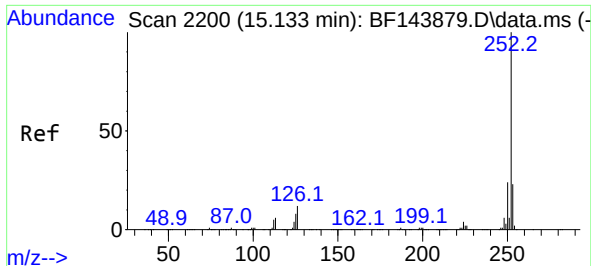


#88
Benzo(b)fluoranthene
Concen: 47.86 ng
RT: 15.110 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



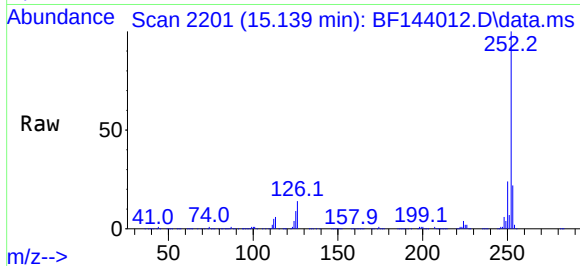
Tgt Ion:252 Resp: 729756
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 9.4 7.8 11.6





#89
Benzo(k)fluoranthene
Concen: 45.32 ng
RT: 15.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59

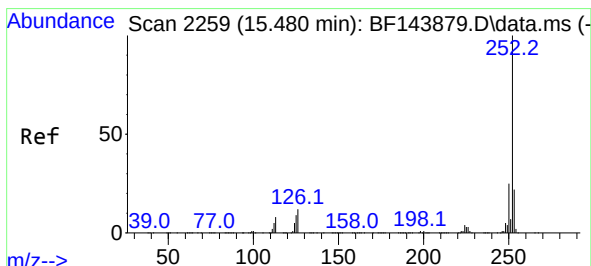
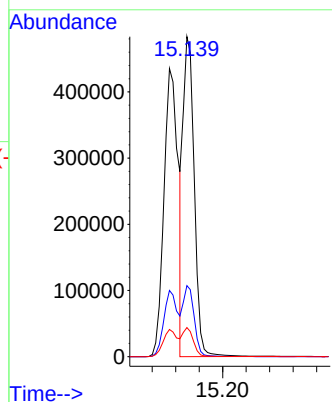
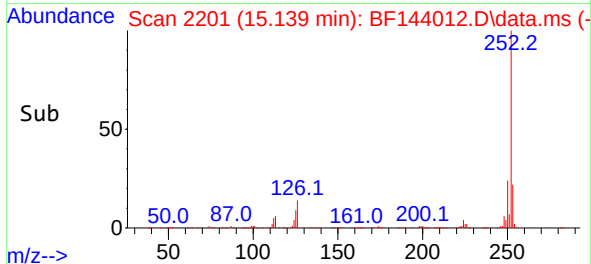
Instrument :
BNA_F
ClientSampleId :
PB170166BSD



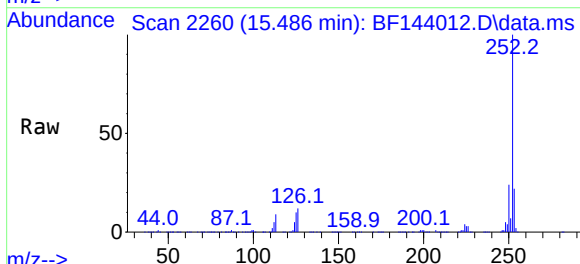
Tgt Ion:252 Resp: 639370
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.1 7.4 11.2

Manual Integrations
APPROVED

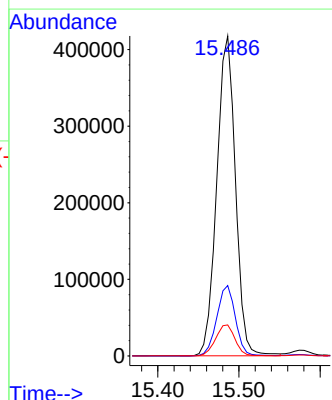
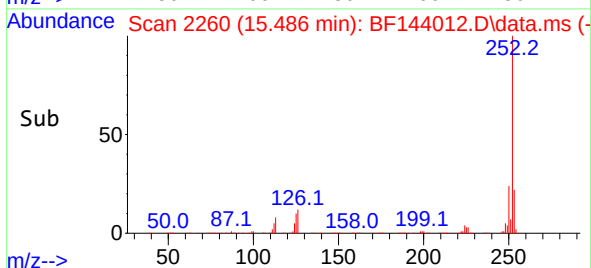
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

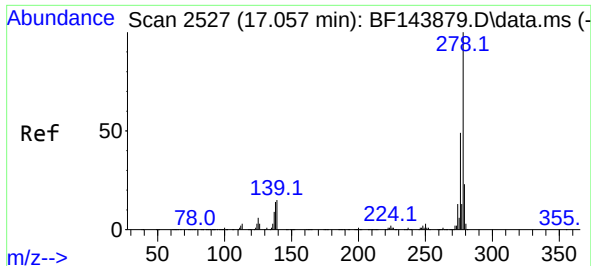


#90
Benzo(a)pyrene
Concen: 50.56 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF144012.D
Acq: 21 Oct 2025 14:59



Tgt Ion:252 Resp: 668392
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.7 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 54.46 ng

RT: 17.074 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144012.D

Acq: 21 Oct 2025 14:59

Instrument :

BNA_F

ClientSampleId :

PB170166BSD

Tgt Ion:278 Resp: 71238

Ion Ratio Lower Upper

278 100

139 14.8 11.7 17.5

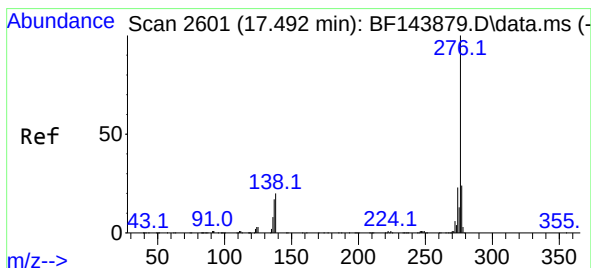
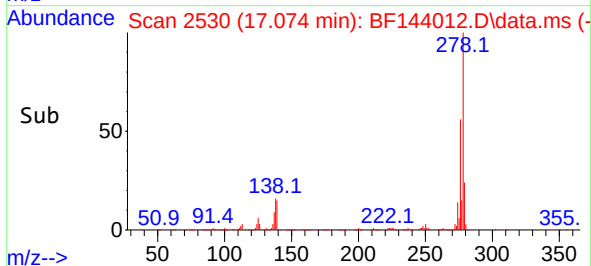
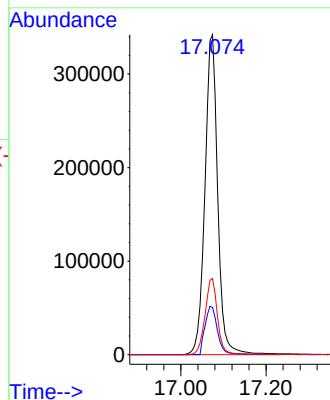
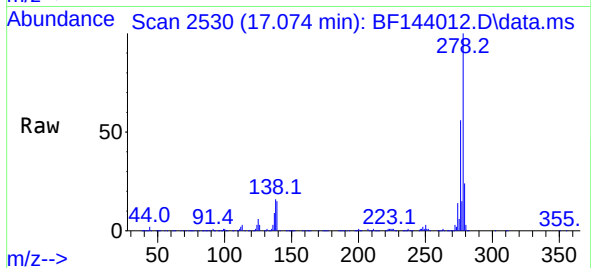
279 23.8 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/22/2025

Supervised By :Jagrut Upadhyay 10/22/2025



#92

Benzo(g,h,i)perylene

Concen: 54.86 ng

RT: 17.509 min Scan# 2604

Delta R.T. -0.006 min

Lab File: BF144012.D

Acq: 21 Oct 2025 14:59

Tgt Ion:276 Resp: 717596

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.6

138 23.1 16.1 24.1

