

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103025\
 Data File : BF144147.D
 Acq On : 30 Oct 2025 18:06
 Operator : RC/JU
 Sample : PB170325BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170325BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/31/2025
 Supervised By :Jagrut Upadhyay 10/31/2025

Quant Time: Oct 30 18:46:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	88297	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	339199	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	193905	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	335987	20.000	ng	0.00
76) Chrysene-d12	14.057	240	183316	20.000	ng	0.00
86) Perylene-d12	15.539	264	262950	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	481668	86.305	ng	0.01
7) Phenol-d6	6.510	99	548395	88.973	ng	0.00
23) Nitrobenzene-d5	7.440	82	362597	58.566	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	225799	91.418	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	785905	57.035	ng	0.00
79) Terphenyl-d14	12.992	244	791599	75.492	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.711	88	65011	26.957	ng	96
3) Pyridine	3.469	79	184794	28.622	ng	98
4) n-Nitrosodimethylamine	3.422	42	113965	28.726	ng	86
6) Aniline	6.540	93	236896	26.865	ng	100
8) 2-Chlorophenol	6.663	128	178323	32.445	ng	99
9) Benzaldehyde	6.428	77	119599	24.992	ng	99
10) Phenol	6.522	94	237504	31.234	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	180093	32.776	ng	98
12) 1,3-Dichlorobenzene	6.822	146	217604	32.096	ng	98
13) 1,4-Dichlorobenzene	6.898	146	219550	32.859	ng	98
14) 1,2-Dichlorobenzene	7.046	146	210041	32.489	ng	98
15) Benzyl Alcohol	7.022	79	172150	34.349	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	342614	33.177	ng	97
17) 2-Methylphenol	7.128	107	141988	33.590	ng	95
18) Hexachloroethane	7.387	117	74398	31.145	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	138872	34.842	ng	93
20) 3+4-Methylphenols	7.281	107	162295	32.477	ng	89
22) Acetophenone	7.287	105	240496	32.808	ng	95
24) Nitrobenzene	7.463	77	209160	31.936	ng	98
25) Isophorone	7.698	82	367778	33.977	ng	98
26) 2-Nitrophenol	7.775	139	101778	32.667	ng	97
27) 2,4-Dimethylphenol	7.810	122	167763	36.234	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	225732	33.441	ng	98
29) 2,4-Dichlorophenol	8.016	162	173121	32.152	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	189367	34.186	ng	98
31) Naphthalene	8.181	128	505835	31.596	ng	99
32) Benzoic acid	7.934	122	93574	31.862	ng	85
33) 4-Chloroaniline	8.234	127	73936	13.266	ng	97
34) Hexachlorobutadiene	8.298	225	137944	30.455	ng	96
35) Caprolactam	8.598	113	51907m	38.443	ng	
36) 4-Chloro-3-methylphenol	8.716	107	160207	33.717	ng	97
37) 2-Methylnaphthalene	8.875	142	315917	29.930	ng	97
38) 1-Methylnaphthalene	8.975	142	318174	31.817	ng	100
40) 1,2,4,5-Tetrachloroben...	9.040	216	200989	30.160	ng	100
41) Hexachlorocyclopentadiene	9.028	237	195208	94.839	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	137832	31.820	ng	99

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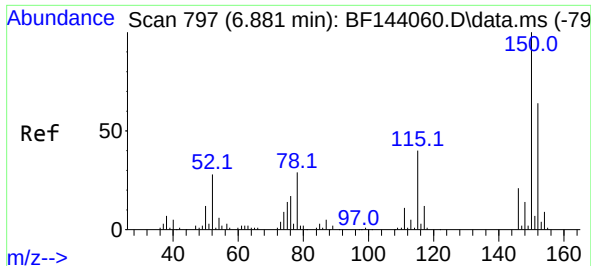
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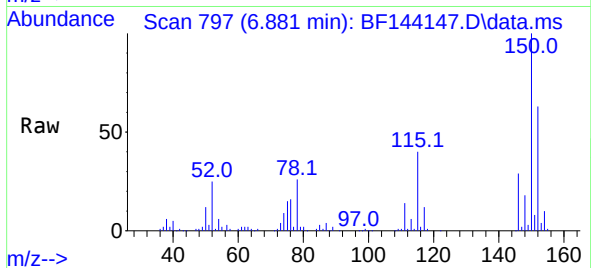
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	143511	31.568	ng	96
46) 1,1'-Biphenyl	9.339	154	443771	31.971	ng	98
47) 2-Chloronaphthalene	9.363	162	358751	30.850	ng	96
48) 2-Nitroaniline	9.463	65	111036	32.155	ng	95
49) Acenaphthylene	9.781	152	564327	35.991	ng	99
50) Dimethylphthalate	9.639	163	425035	33.441	ng	100
51) 2,6-Dinitrotoluene	9.704	165	92065	36.640	ng	88
52) Acenaphthene	9.951	154	350361m	33.458	ng	
53) 3-Nitroaniline	9.875	138	55916	20.016	ng	97
54) 2,4-Dinitrophenol	9.986	184	95924	70.584	ng	90
55) Dibenzofuran	10.128	168	473493	32.570	ng	95
56) 4-Nitrophenol	10.039	139	118137	62.449	ng	89
57) 2,4-Dinitrotoluene	10.110	165	120280	35.468	ng	95
58) Fluorene	10.469	166	365761	33.020	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	118262	36.916	ng	96
60) Diethylphthalate	10.339	149	395455	33.085	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	202984	32.586	ng	96
62) 4-Nitroaniline	10.486	138	85838	32.429	ng	92
63) Azobenzene	10.622	77	371403	32.829	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	71478	33.159	ng	95
66) n-Nitrosodiphenylamine	10.581	169	358889	33.432	ng	97
67) 4-Bromophenyl-phenylether	10.951	248	136756	32.509	ng	98
68) Hexachlorobenzene	11.016	284	165432	32.065	ng	99
69) Atrazine	11.104	200	121294	34.433	ng	99
70) Pentachlorophenol	11.216	266	163369	66.524	ng	97
71) Phenanthrene	11.433	178	528365	31.657	ng	99
72) Anthracene	11.486	178	549017	31.843	ng	99
73) Carbazole	11.639	167	469910	32.021	ng	99
74) Di-n-butylphthalate	11.969	149	573853	31.894	ng	99
75) Fluoranthene	12.628	202	526736	28.565	ng	99
77) Benzidine	12.745	184	187600	32.883	ng	100
78) Pyrene	12.857	202	520201	39.472	ng	99
80) Butylbenzylphthalate	13.469	149	173401	34.778	ng	98
81) Benzo(a)anthracene	14.045	228	414210	33.435	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	76992	17.853	ng	98
83) Chrysene	14.080	228	383855	33.019	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	221439	32.533	ng	99
85) Di-n-octyl phthalate	14.645	149	389047	33.236	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	621627	34.433	ng	99
88) Benzo(b)fluoranthene	15.104	252	528961	35.583	ng	100
89) Benzo(k)fluoranthene	15.133	252	406937	29.670	ng	99
90) Benzo(a)pyrene	15.474	252	467027	35.019	ng	98
91) Dibenzo(a,h)anthracene	17.063	278	505320	35.361	ng	99
92) Benzo(g,h,i)perylene	17.504	276	501764	34.924	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

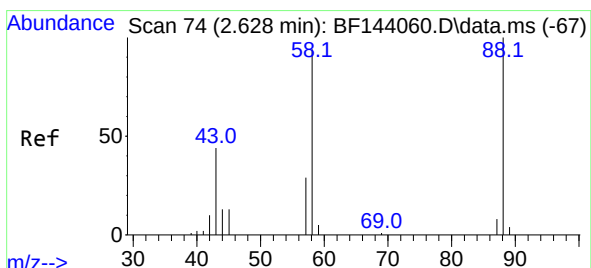
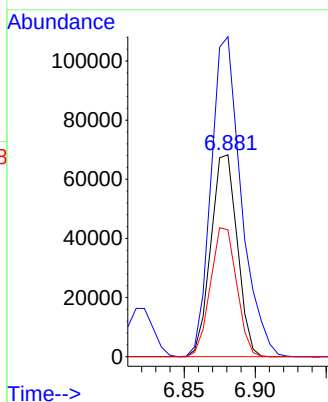
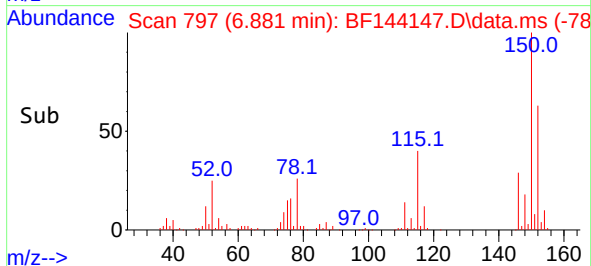
Instrument :
BNA_F
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PB170325BS



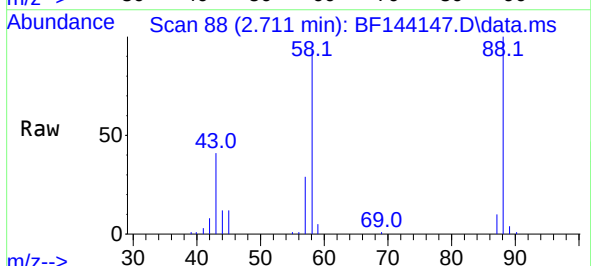
Tgt Ion:152 Resp: 8829
Ion Ratio Lower Upper
152 100
150 158.4 124.4 186.6
115 62.9 49.4 74.0

Manual Integrations
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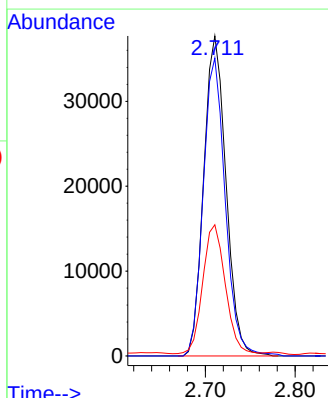
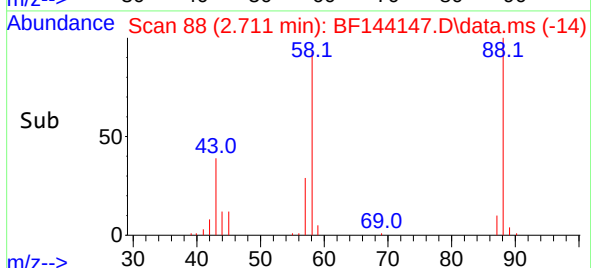
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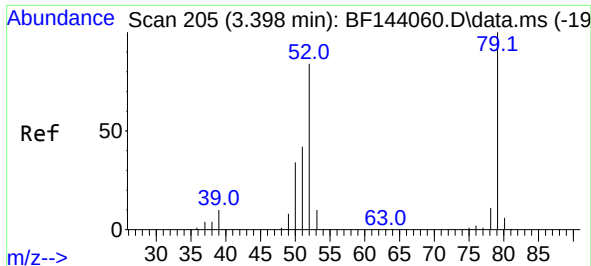


#2
1,4-Dioxane
Concen: 26.957 ng
RT: 2.711 min Scan# 88
Delta R.T. 0.083 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



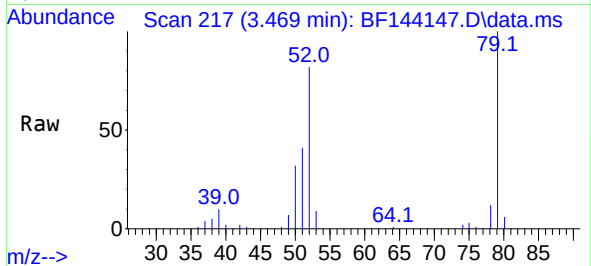
Tgt Ion: 88 Resp: 65011
Ion Ratio Lower Upper
88 100
58 92.1 76.5 114.7
43 40.6 35.3 52.9





#3
Pyridine
Concen: 28.622 ng
RT: 3.469 min Scan# 217
Delta R.T. 0.071 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

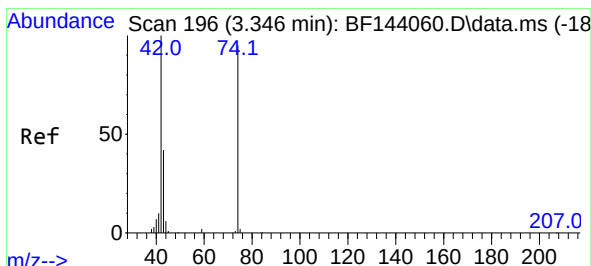
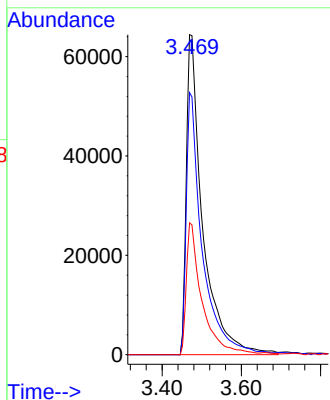
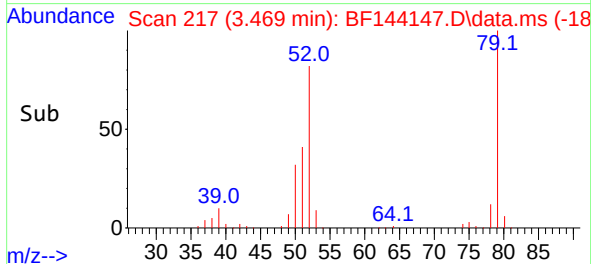
Instrument :
BNA_F
ClientSampleId :
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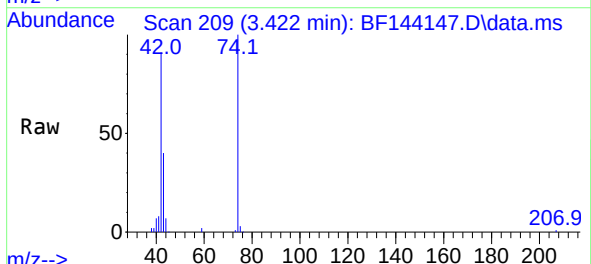
Tgt Ion: 79 Resp: 184794
Ion Ratio Lower Upper
79 100
52 81.9 67.5 101.3
51 41.2 33.6 50.4

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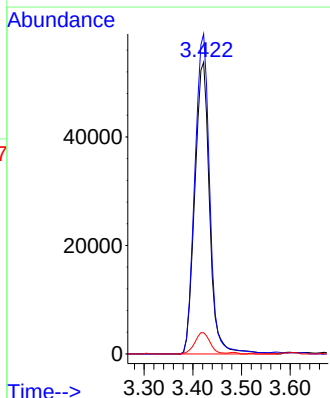
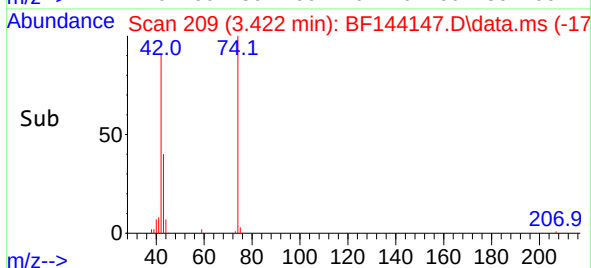
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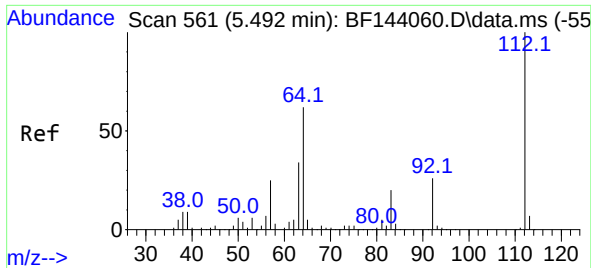


#4
n-Nitrosodimethylamine
Concen: 28.726 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.077 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



Tgt Ion: 42 Resp: 113965
Ion Ratio Lower Upper
42 100
74 109.7 76.4 114.6
44 7.3 5.2 7.8





#5
2-Fluorophenol
Concen: 86.305 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

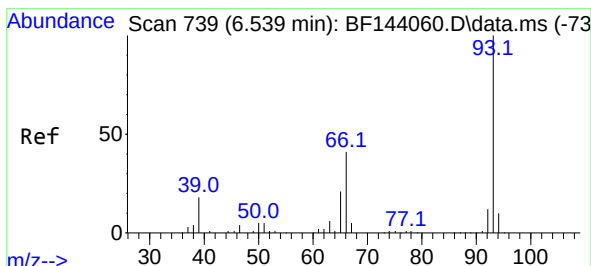
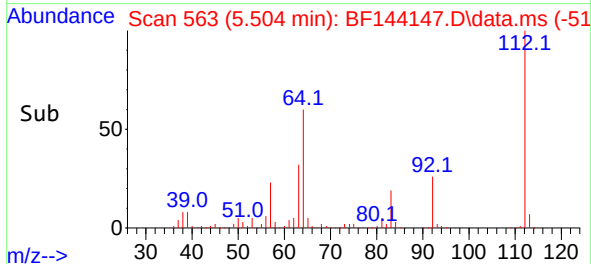
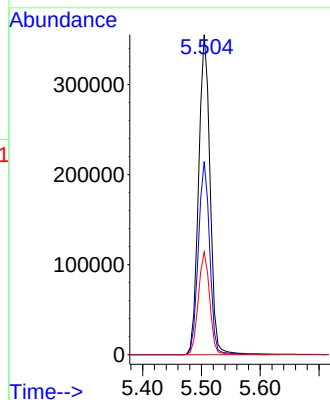
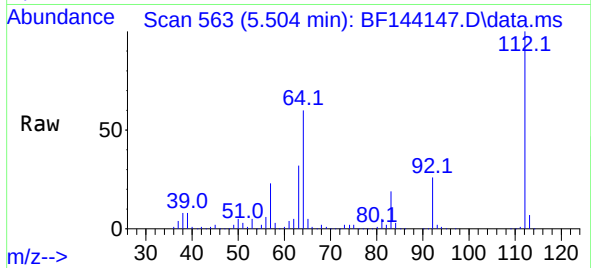
PB170325BS

Tgt Ion:112 Resp: 481668
Ion Ratio Lower Upper
112 100
64 60.4 49.8 74.8
63 32.1 27.4 41.2

Manual Integrations

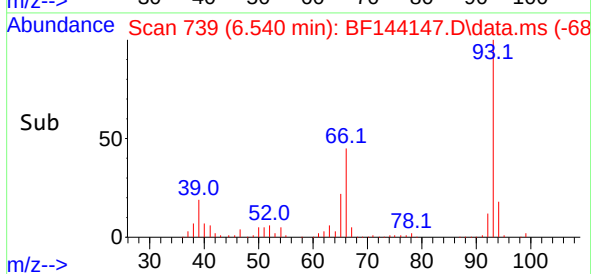
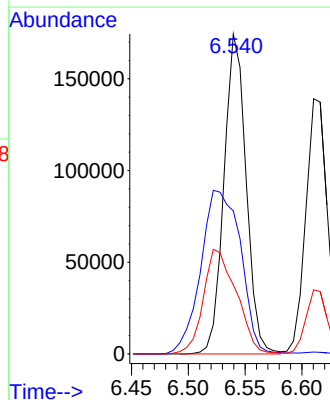
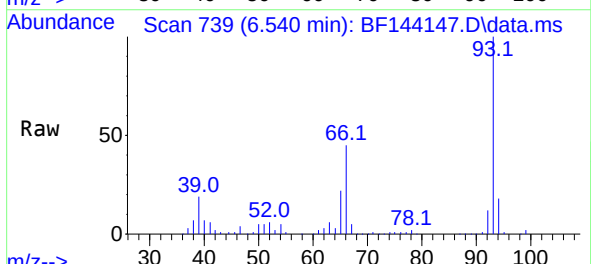
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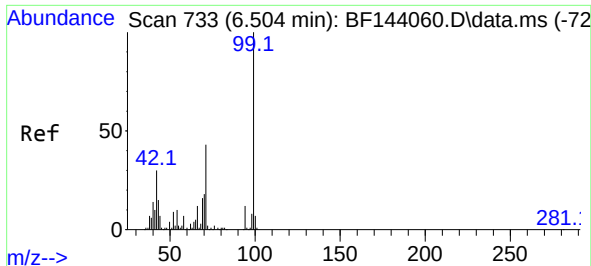
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#6
Aniline
Concen: 26.865 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

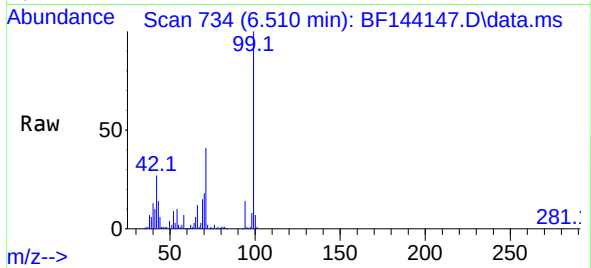
Tgt Ion: 93 Resp: 236896
Ion Ratio Lower Upper
93 100
66 44.7 35.7 53.5
65 21.6 17.0 25.6





#7
Phenol-d6
Concen: 88.973 ng
RT: 6.510 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

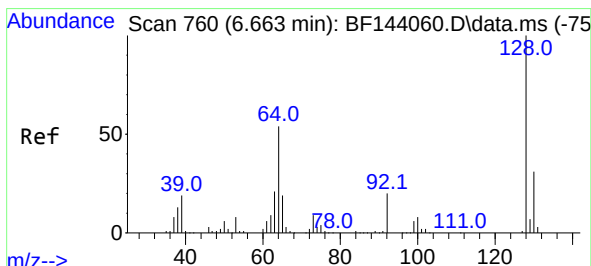
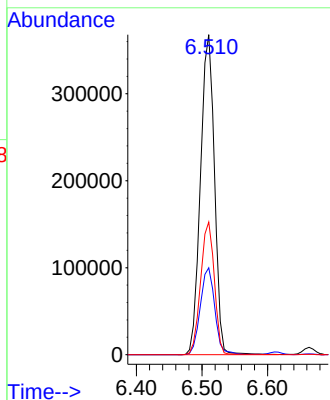
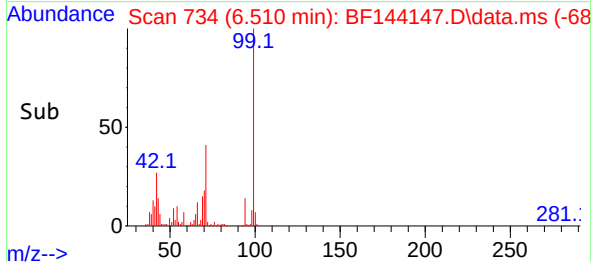
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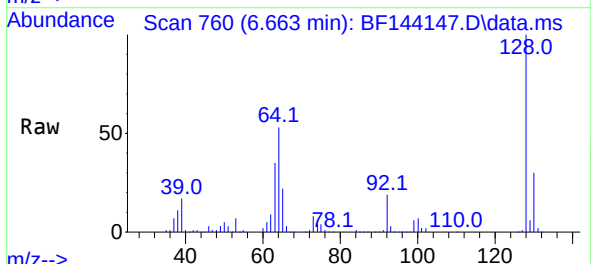
Tgt Ion: 99 Resp: 54839
Ion Ratio Lower Upper
99 100
42 27.2 23.9 35.9
71 41.5 34.4 51.6

Manual Integrations
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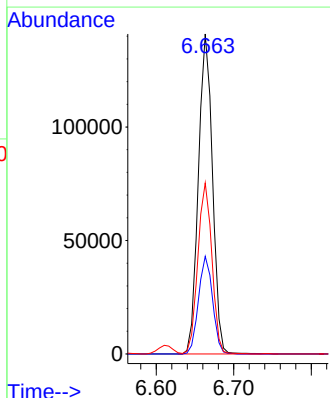
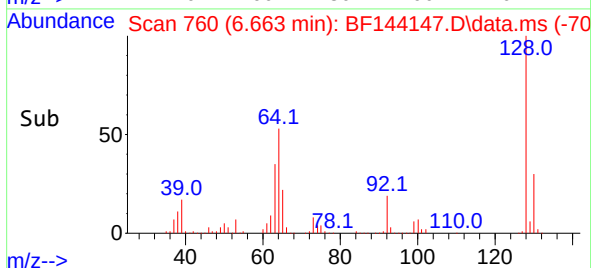
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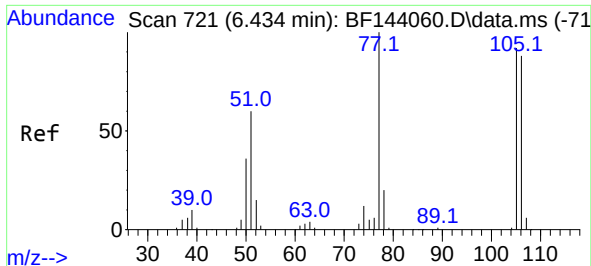


#8
2-Chlorophenol
Concen: 32.445 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



Tgt Ion:128 Resp: 178323
Ion Ratio Lower Upper
128 100
130 30.5 10.7 50.7
64 53.4 34.7 74.7





#9
Benzaldehyde
Concen: 24.992 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

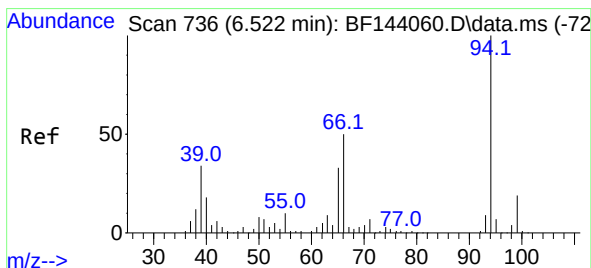
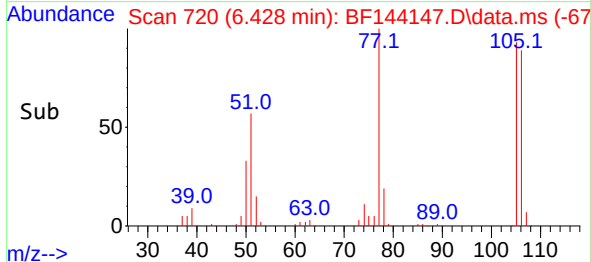
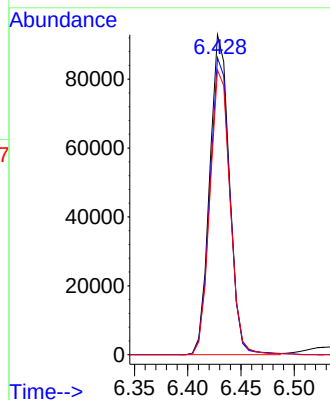
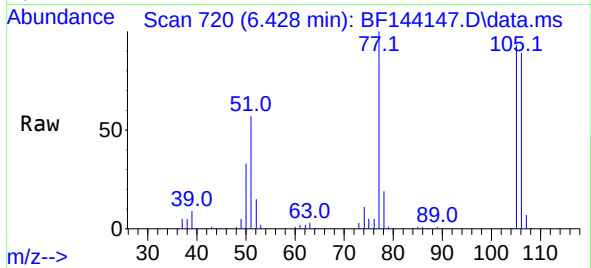
PB170325BS

Tgt Ion: 77 Resp: 119599
Ion Ratio Lower Upper
77 100
105 92.8 72.2 112.2
106 89.0 67.9 107.9

Manual Integrations

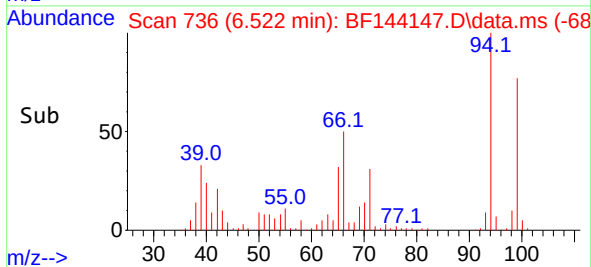
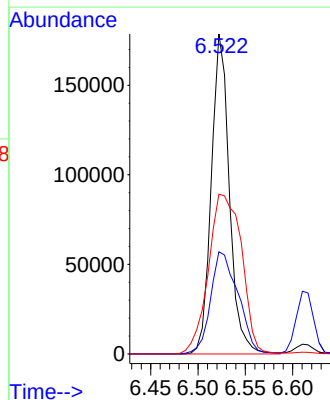
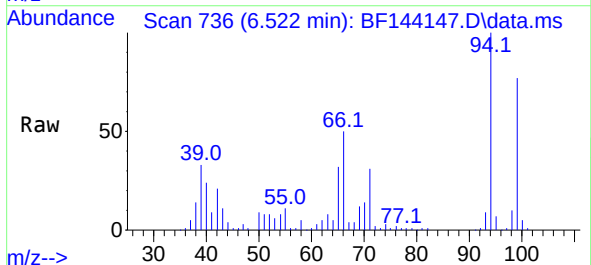
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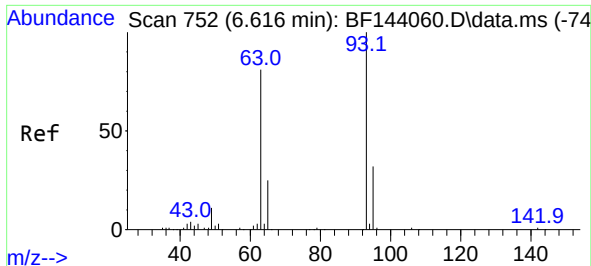
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#10
Phenol
Concen: 31.234 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion: 94 Resp: 237504
Ion Ratio Lower Upper
94 100
65 31.9 13.1 53.1
66 50.0 30.6 70.6





#11
bis(2-Chloroethyl)ether
Concen: 32.776 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

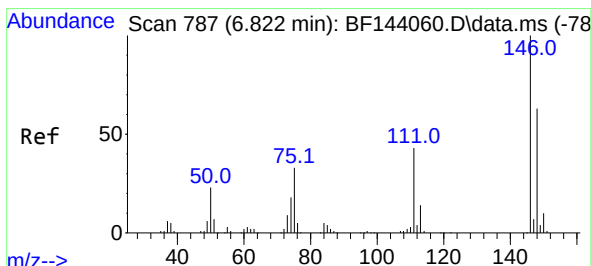
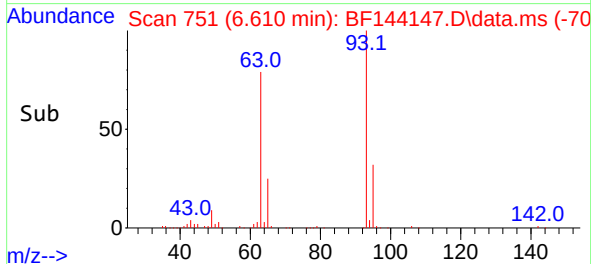
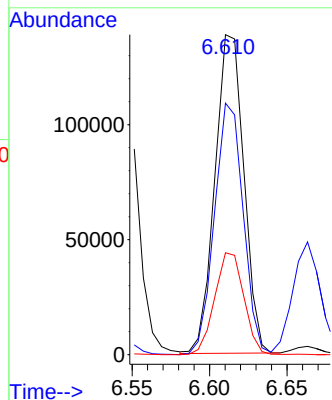
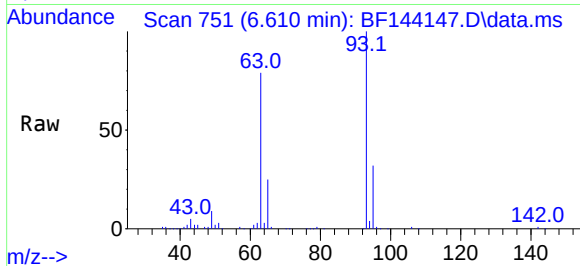
PB170325BS

Tgt Ion: 93 Resp: 180093
Ion Ratio Lower Upper
93 100
63 78.6 60.2 100.2
95 31.8 12.4 52.4

Manual Integrations

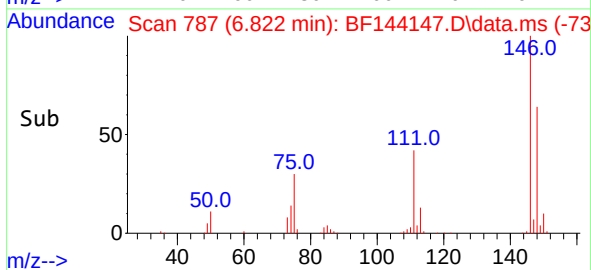
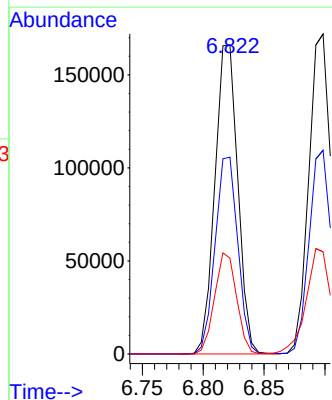
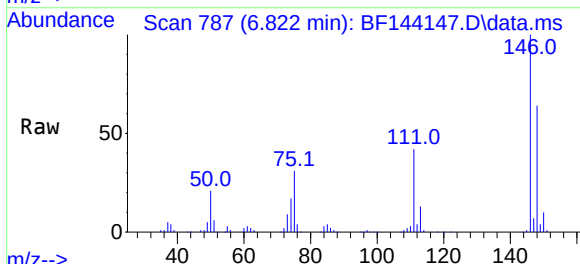
APPROVED

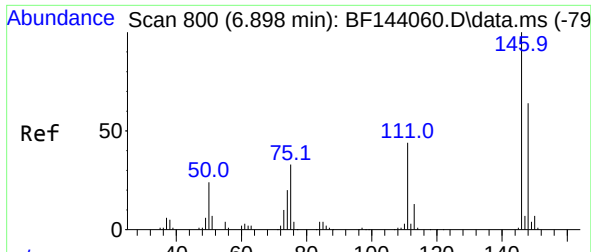
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#12
1,3-Dichlorobenzene
Concen: 32.096 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:146 Resp: 217604
Ion Ratio Lower Upper
146 100
148 63.7 50.6 75.8
75 31.0 26.6 40.0





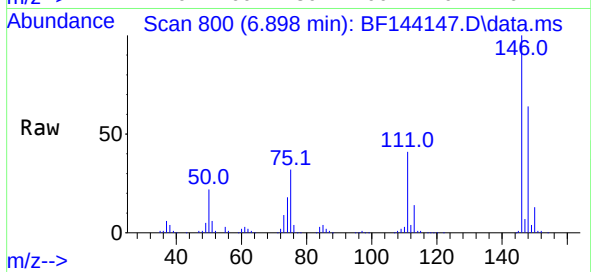
#13
1,4-Dichlorobenzene
Concen: 32.859 ng
RT: 6.898 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

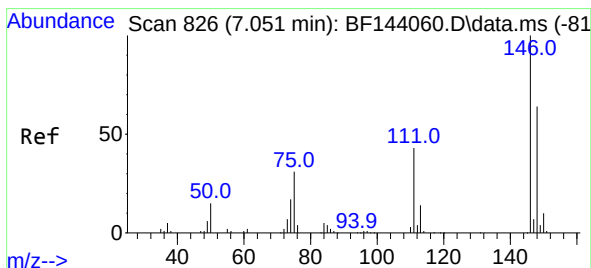
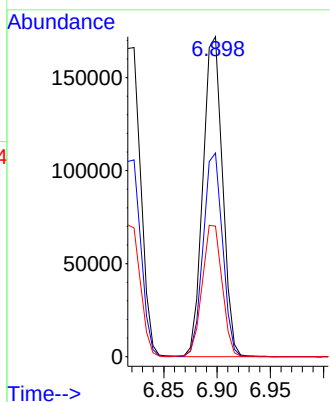
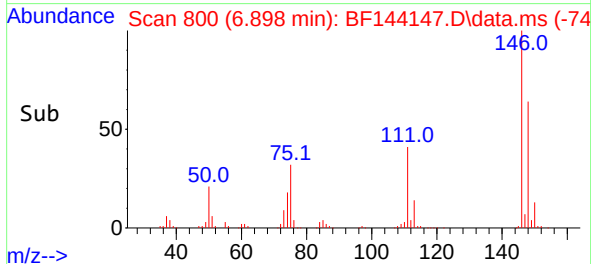


Tgt Ion:146 Resp: 219550
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 40.8 35.0 52.6

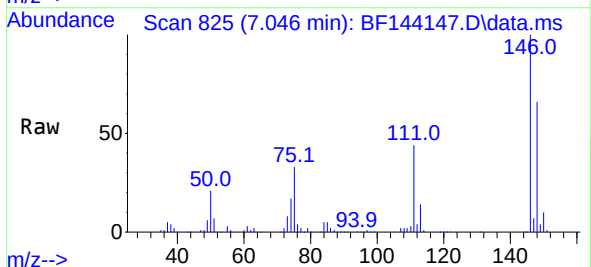
Manual Integrations

APPROVED

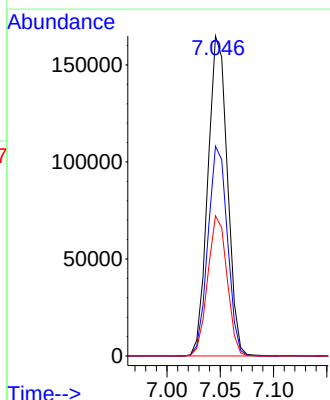
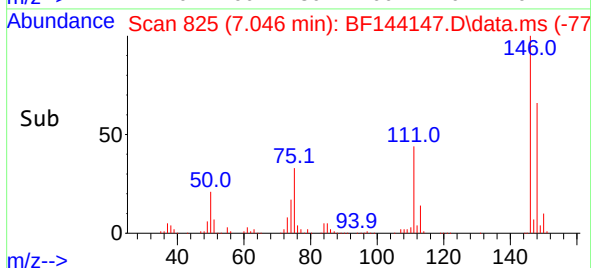
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

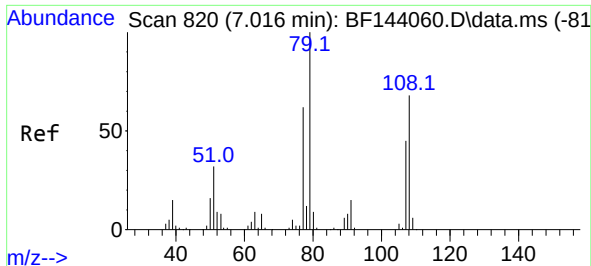


#14
1,2-Dichlorobenzene
Concen: 32.489 ng
RT: 7.046 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



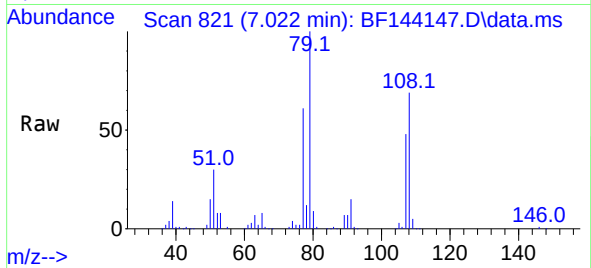
Tgt Ion:146 Resp: 210041
Ion Ratio Lower Upper
146 100
148 65.6 50.8 76.2
111 43.8 34.7 52.1





#15
Benzyl Alcohol
Concen: 34.349 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

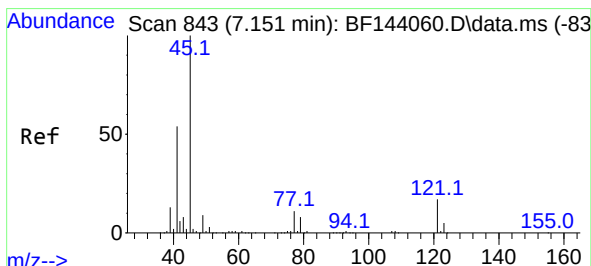
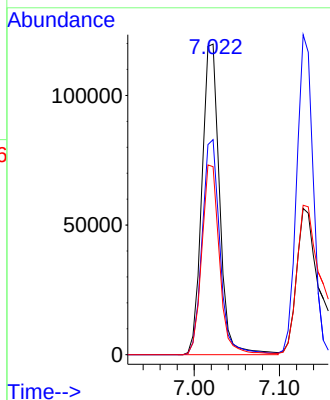
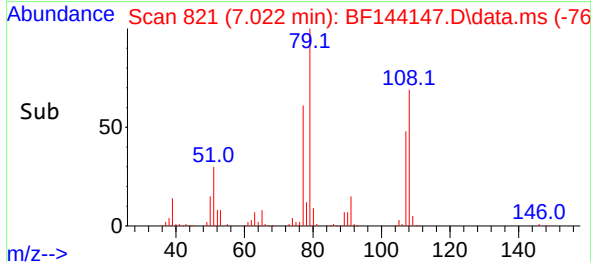
Instrument :
BNA_F
ClientSampleId :
PB170325BS



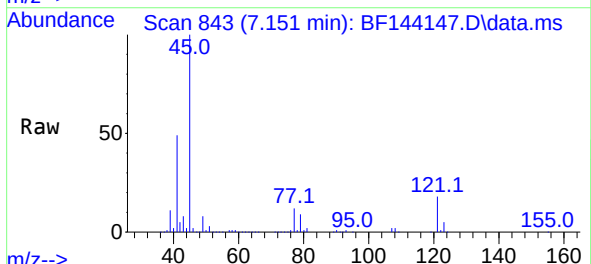
Tgt Ion: 79 Resp: 172150
Ion Ratio Lower Upper
79 100
108 69.2 54.8 82.2
77 60.5 49.4 74.0

Manual Integrations
APPROVED

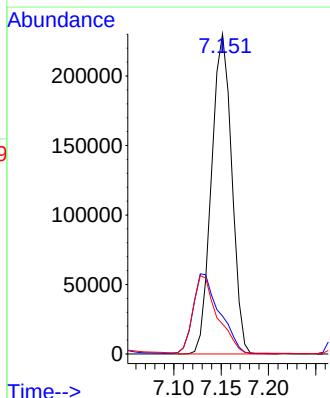
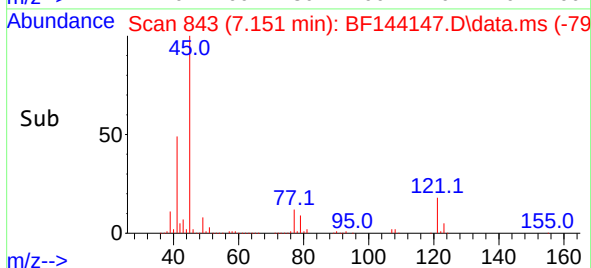
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

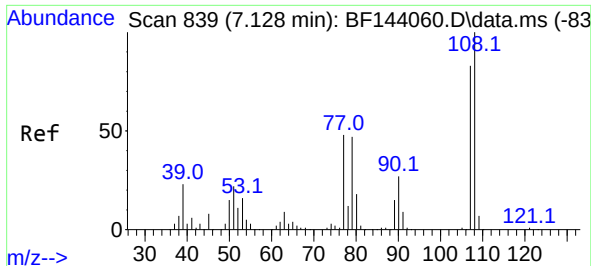


#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.177 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



Tgt Ion: 45 Resp: 342614
Ion Ratio Lower Upper
45 100
77 11.9 0.0 30.9
79 9.4 0.0 28.2





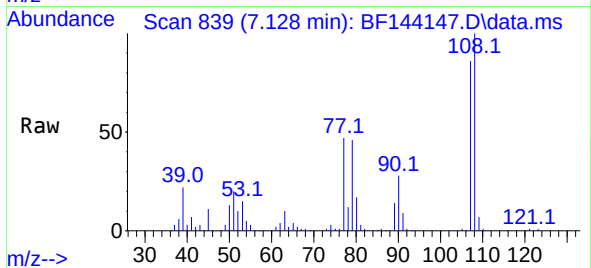
#17
2-Methylphenol
Concen: 33.590 ng
RT: 7.128 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

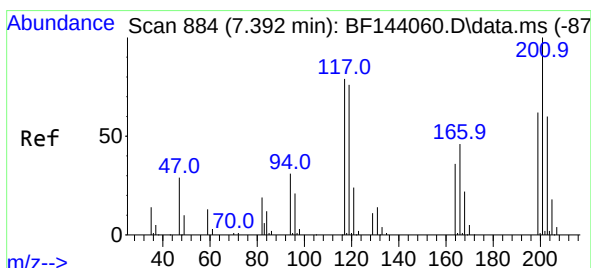
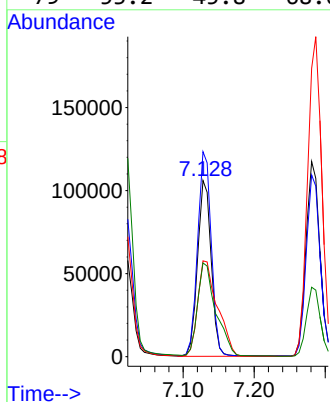
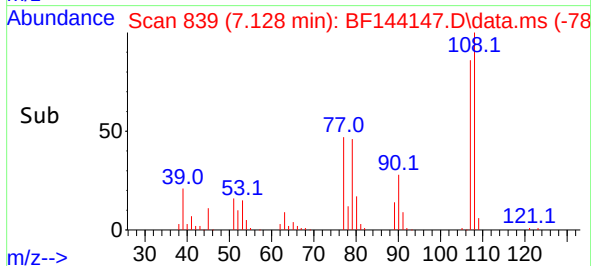


Tgt Ion:107 Resp: 141988
Ion Ratio Lower Upper
107 100
108 116.4 96.4 144.6
77 54.4 46.8 70.2
79 53.2 45.8 68.6

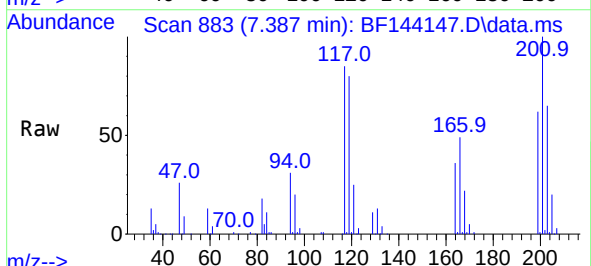
Manual Integrations

APPROVED

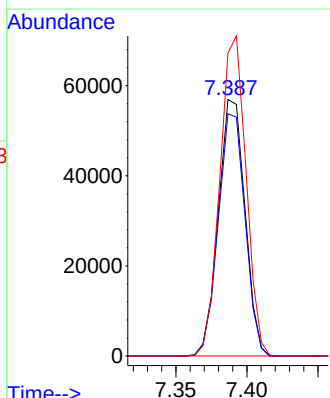
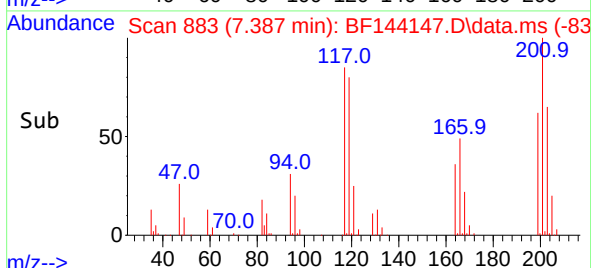
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

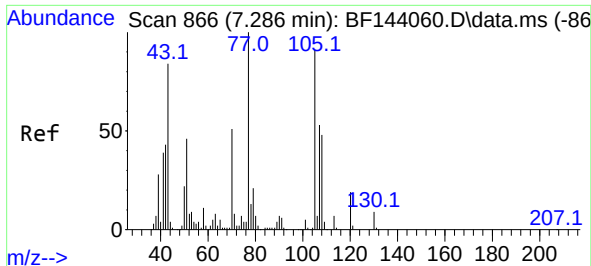


#18
Hexachloroethane
Concen: 31.145 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



Tgt Ion:117 Resp: 74398
Ion Ratio Lower Upper
117 100
119 94.4 76.6 115.0
201 118.1 100.9 151.3





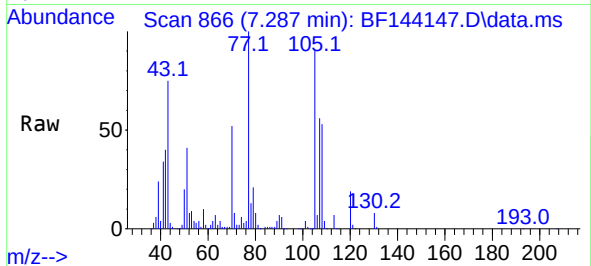
#19
n-Nitroso-di-n-propylamine
Concen: 34.842 ng
RT: 7.287 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

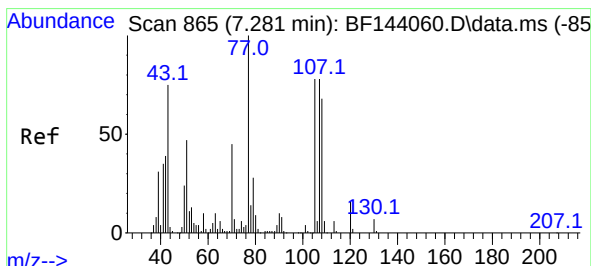
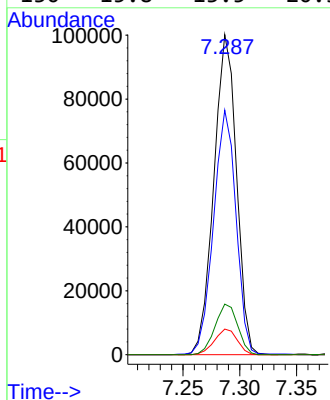
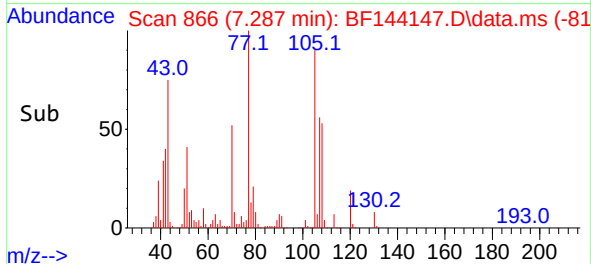


Tgt Ion: 70 Resp: 138872
Ion Ratio Lower Upper
70 100
42 76.4 67.4 101.0
101 8.0 7.1 10.7
130 15.8 13.5 20.3

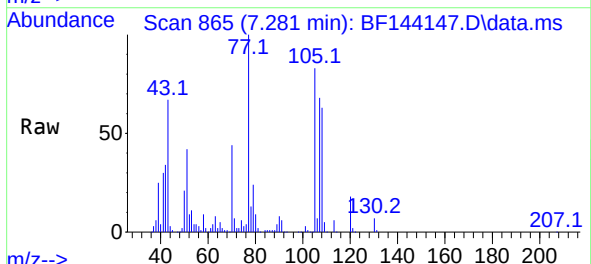
Manual Integrations

APPROVED

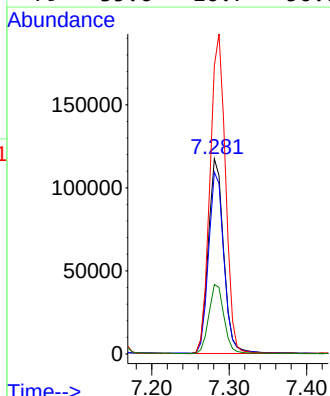
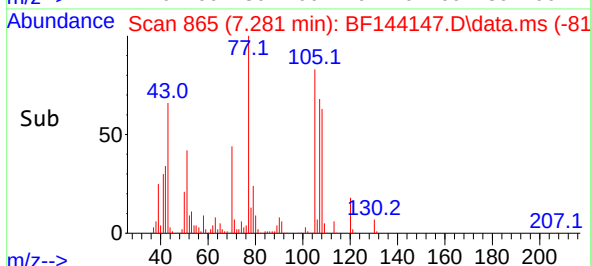
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

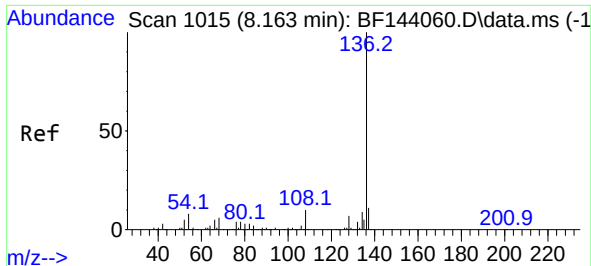


#20
3+4-Methylphenols
Concen: 32.477 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



Tgt Ion:107 Resp: 162295
Ion Ratio Lower Upper
107 100
108 93.1 68.0 108.0
77 147.7 108.7 148.7
79 35.6 16.7 56.7





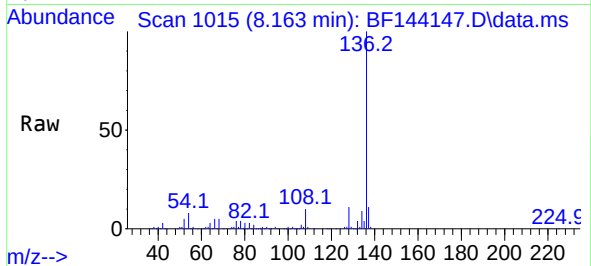
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS



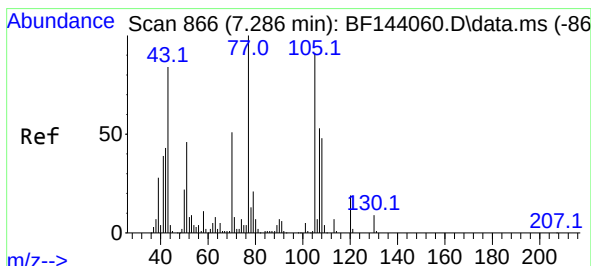
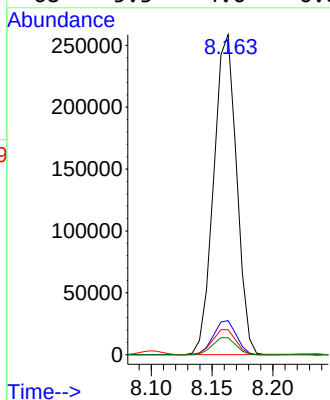
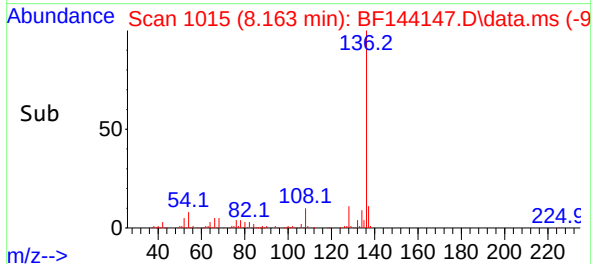
Tgt Ion:136 Resp: 339199
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.8 6.6 9.8
68 5.3 4.6 6.8

Manual Integrations

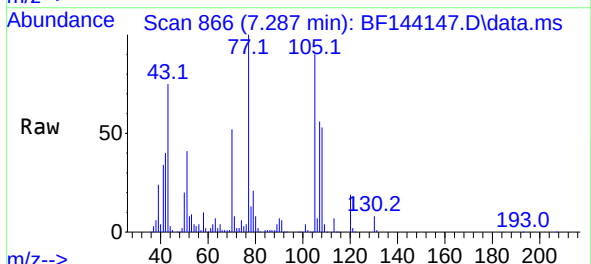
APPROVED

Reviewed By :Rahul Chavli 10/31/2025

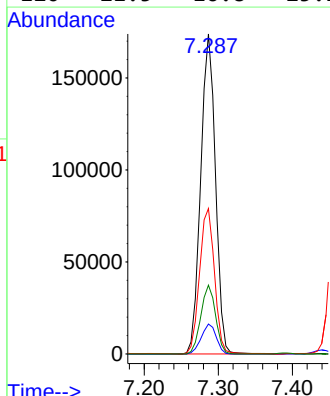
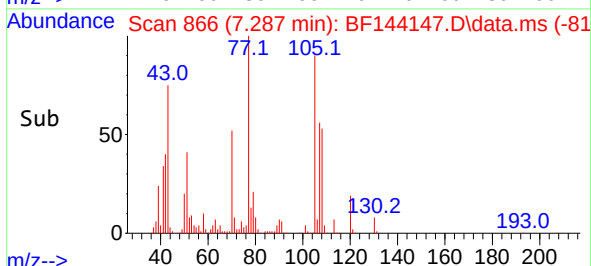
Supervised By :Jagrut Upadhyay 10/31/2025

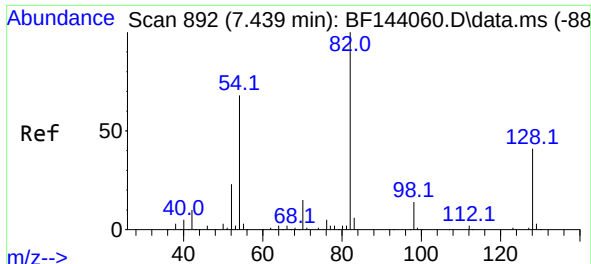


#22
Acetophenone
Concen: 32.808 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



Tgt Ion:105 Resp: 240496
Ion Ratio Lower Upper
105 100
71 9.3 6.9 10.3
51 45.5 40.6 60.8
120 21.5 16.8 25.2





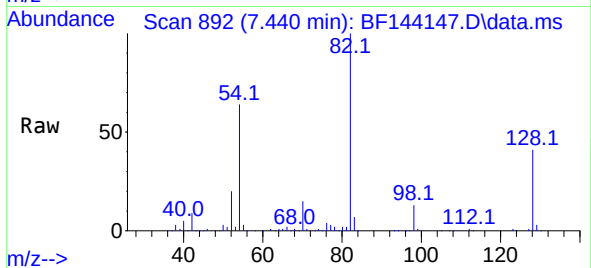
#23
Nitrobenzene-d5
Concen: 58.566 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

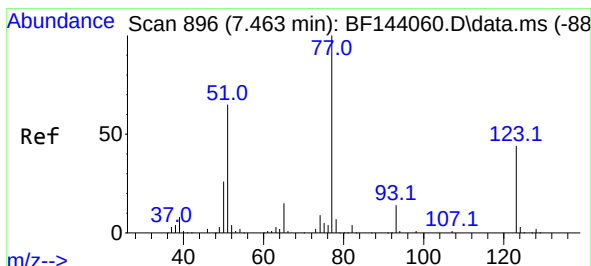
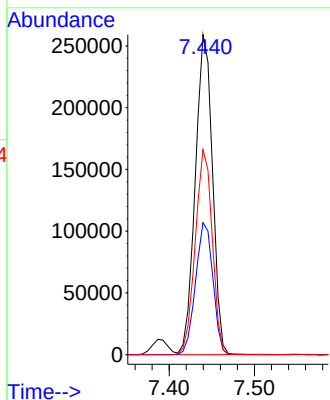
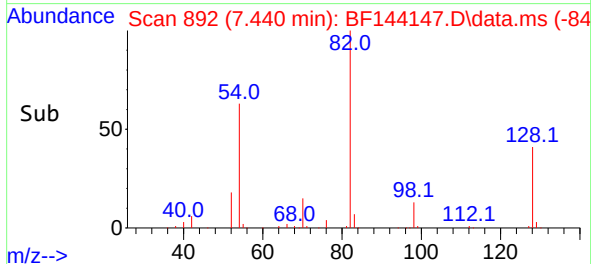


Tgt Ion: 82 Resp: 362597
Ion Ratio Lower Upper
82 100
128 41.3 32.4 48.6
54 64.1 54.0 81.0

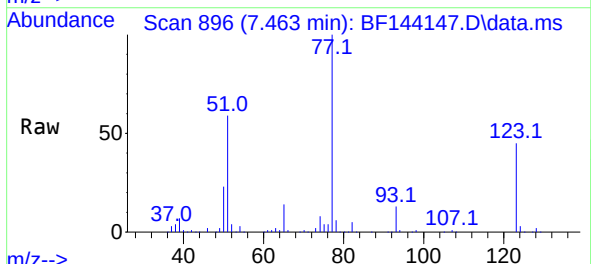
Manual Integrations

APPROVED

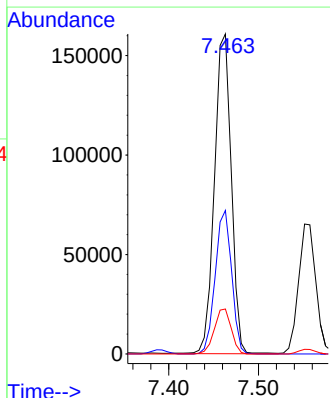
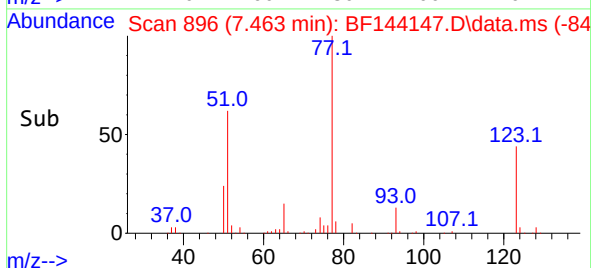
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

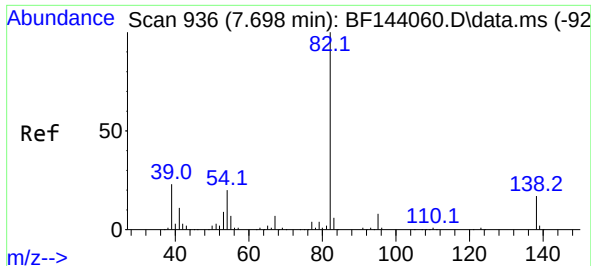


#24
Nitrobenzene
Concen: 31.936 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



Tgt Ion: 77 Resp: 209160
Ion Ratio Lower Upper
77 100
123 44.9 35.0 52.6
65 14.1 12.2 18.2





#25
Isophorone
Concen: 33.977 ng
RT: 7.698 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

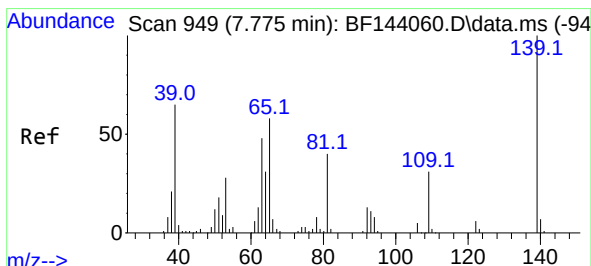
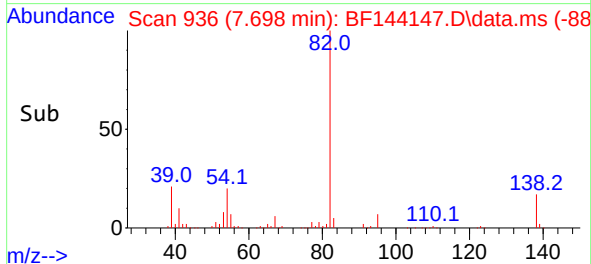
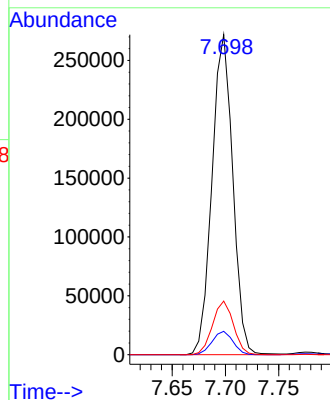
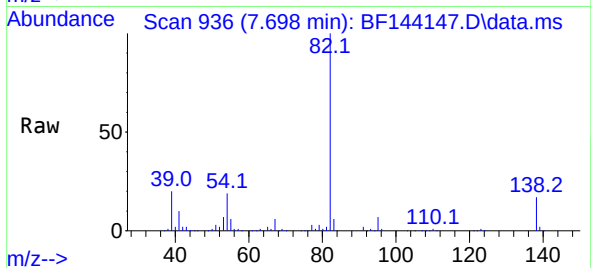
PB170325BS

Tgt Ion: 82 Resp: 367778
Ion Ratio Lower Upper
82 100
95 7.3 6.6 9.8
138 16.8 13.8 20.8

Manual Integrations

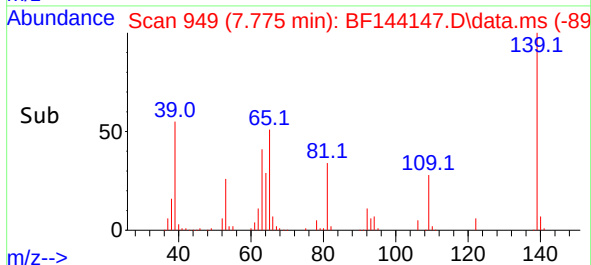
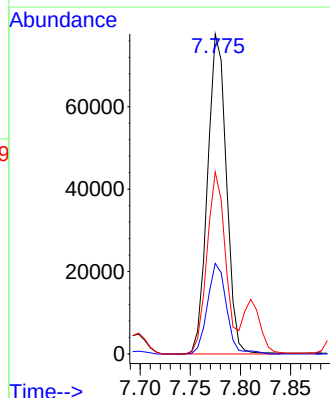
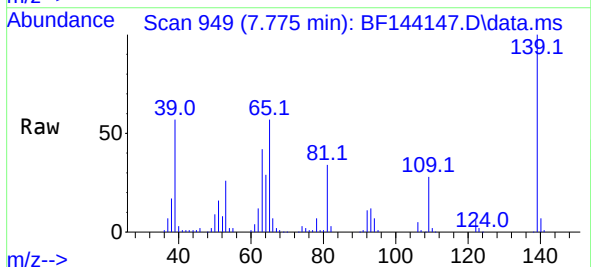
APPROVED

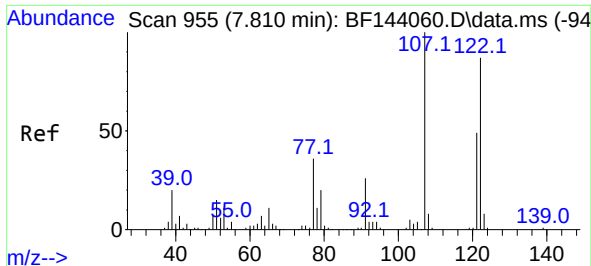
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#26
2-Nitrophenol
Concen: 32.667 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:139 Resp: 101778
Ion Ratio Lower Upper
139 100
109 28.3 24.6 37.0
65 56.8 46.6 69.8





#27
2,4-Dimethylphenol
Concen: 36.234 ng
RT: 7.810 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

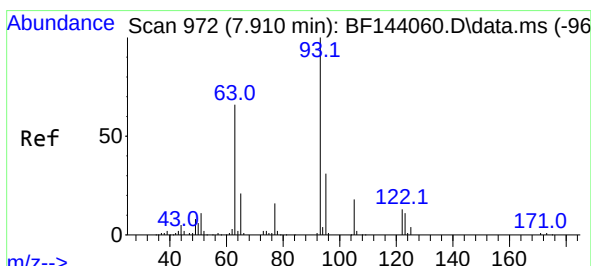
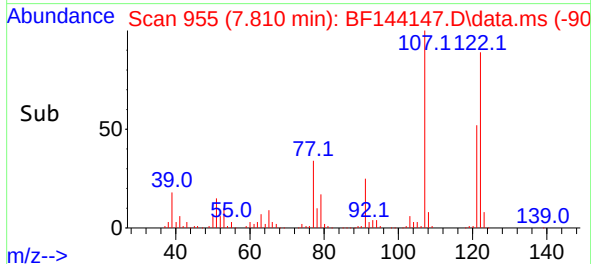
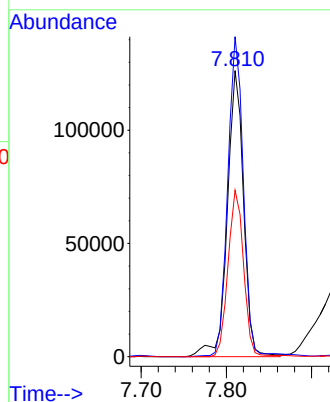
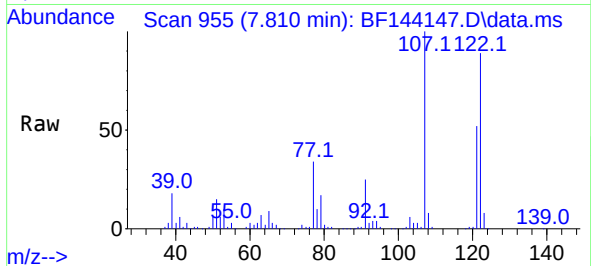
PB170325BS

Tgt Ion:122 Resp: 16776
Ion Ratio Lower Upper
122 100
107 111.8 91.8 137.8
121 58.2 45.2 67.8

Manual Integrations

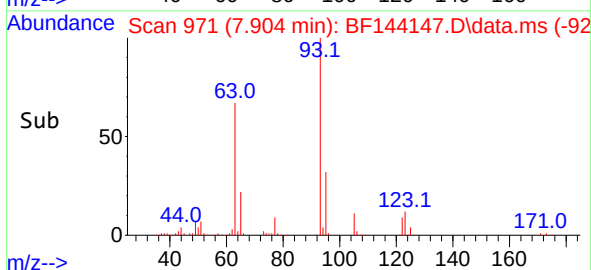
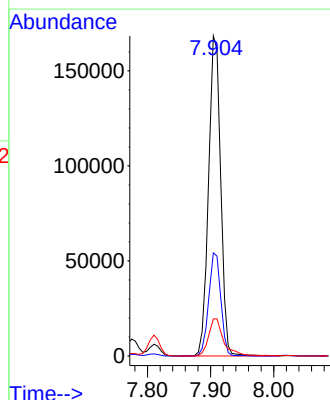
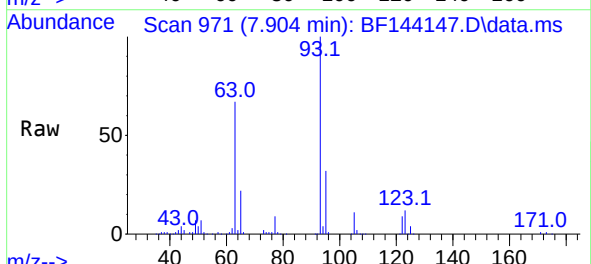
APPROVED

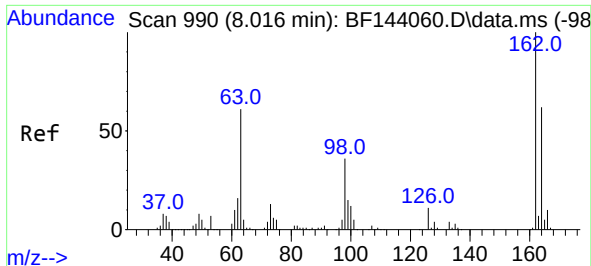
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#28
bis(2-Chloroethoxy)methane
Concen: 33.441 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion: 93 Resp: 225732
Ion Ratio Lower Upper
93 100
95 32.2 24.6 36.8
123 11.5 9.1 13.7





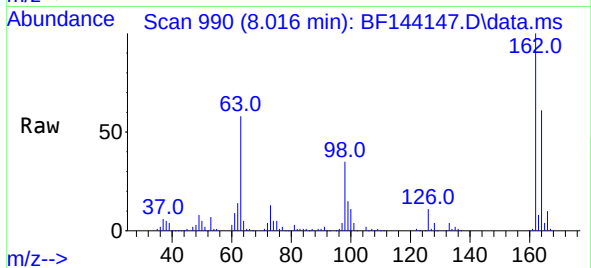
#29
2,4-Dichlorophenol
Concen: 32.152 ng
RT: 8.016 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS



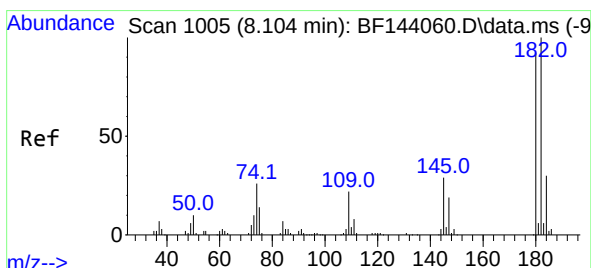
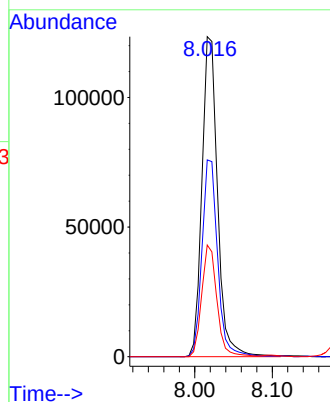
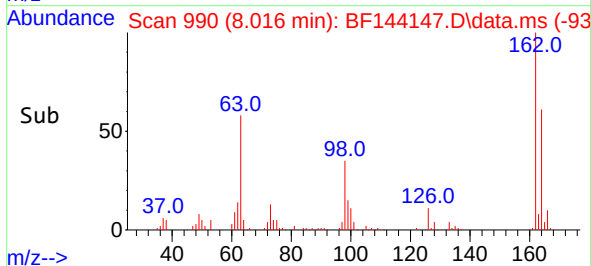
Tgt Ion:162 Resp: 17312
Ion Ratio Lower Upper
162 100
164 61.5 42.1 82.1
98 34.9 16.0 56.0

Manual Integrations

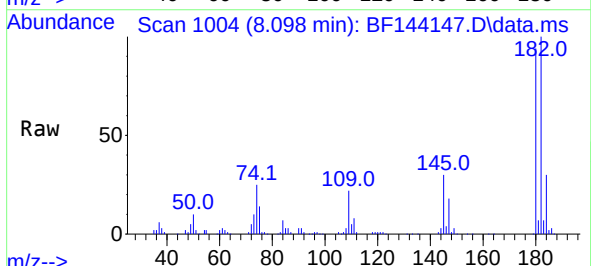
APPROVED

Reviewed By :Rahul Chavli 10/31/2025

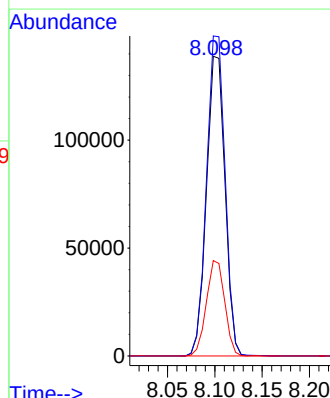
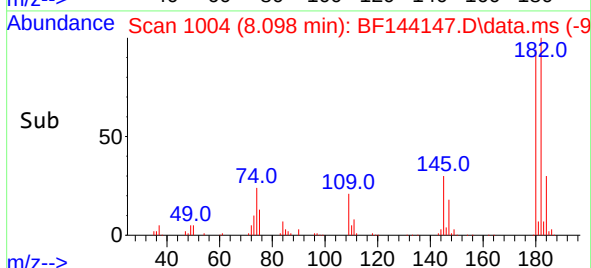
Supervised By :Jagrut Upadhyay 10/31/2025

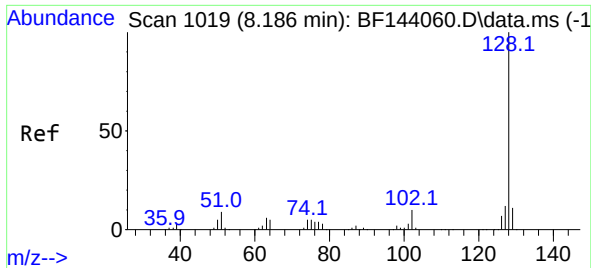


#30
1,2,4-Trichlorobenzene
Concen: 34.186 ng
RT: 8.098 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



Tgt Ion:180 Resp: 189367
Ion Ratio Lower Upper
180 100
182 106.8 87.1 130.7
145 31.8 25.3 37.9





#31
Naphthalene
Concen: 31.596 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

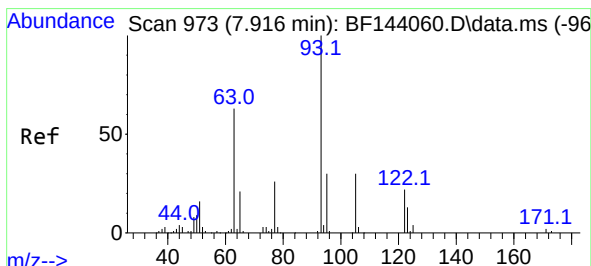
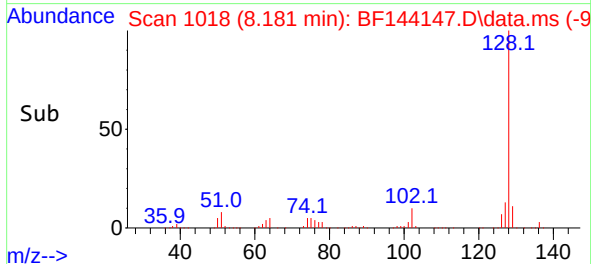
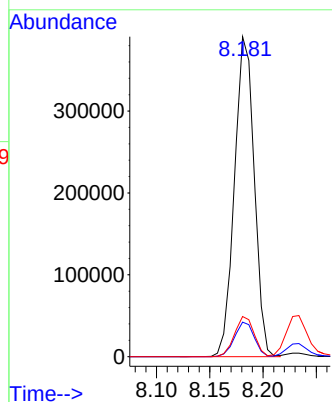
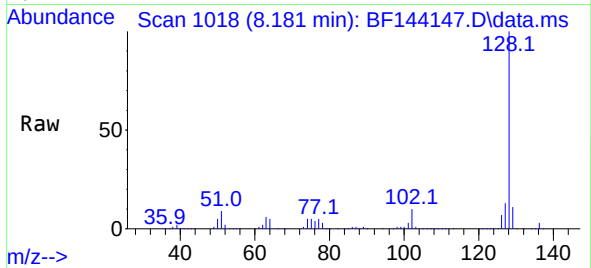
PB170325BS

Tgt Ion:128 Resp: 50583
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 12.5 9.9 14.9

Manual Integrations

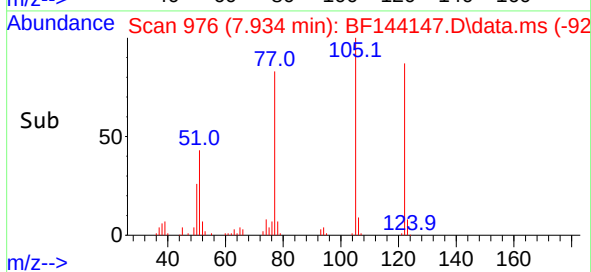
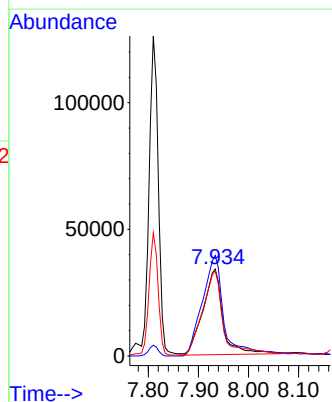
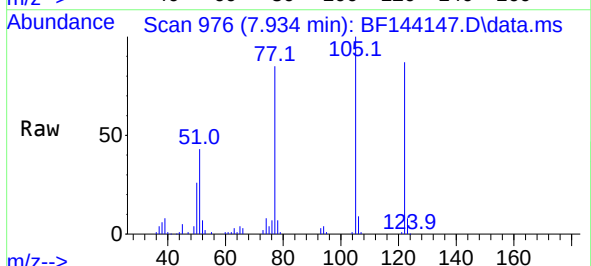
APPROVED

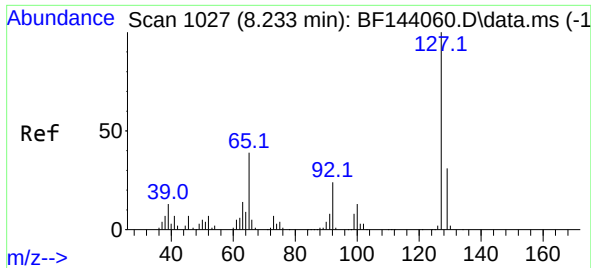
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#32
Benzoic acid
Concen: 31.862 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.018 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:122 Resp: 93574
Ion Ratio Lower Upper
122 100
105 115.5 111.3 151.3
77 97.9 96.7 136.7





#33
4-Chloroaniline
Concen: 13.266 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

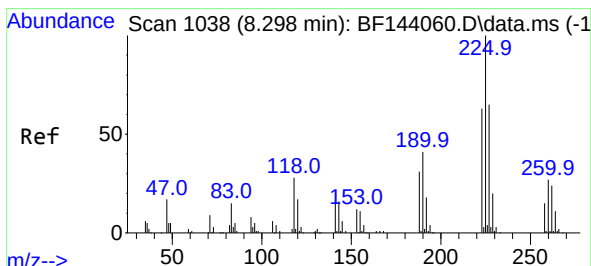
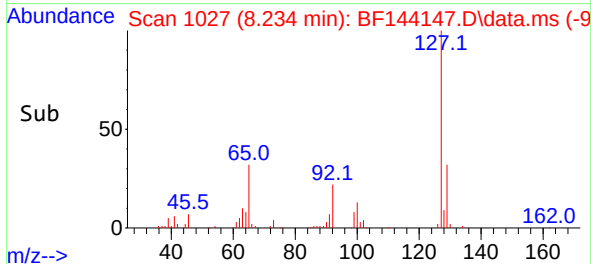
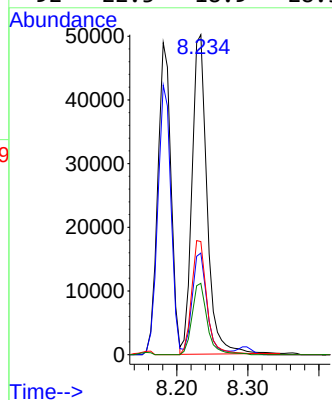
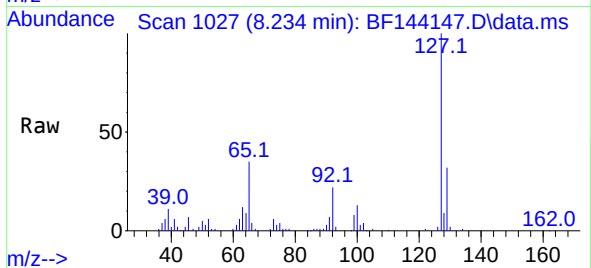
PB170325BS

Tgt Ion:127 Resp: 73930
Ion Ratio Lower Upper
127 100
129 31.8 25.6 38.4
65 35.4 30.9 46.3
92 22.3 18.9 28.3

Manual Integrations

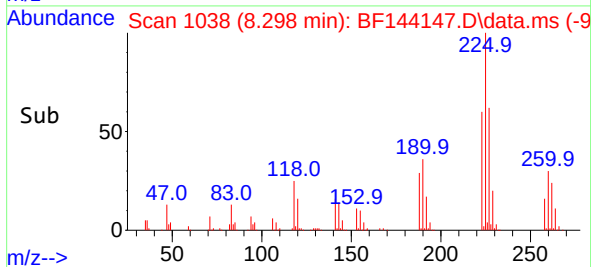
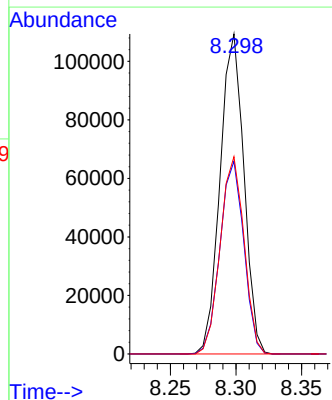
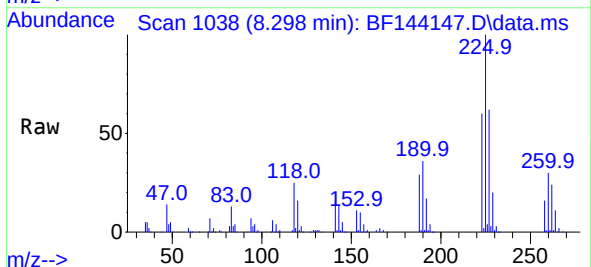
APPROVED

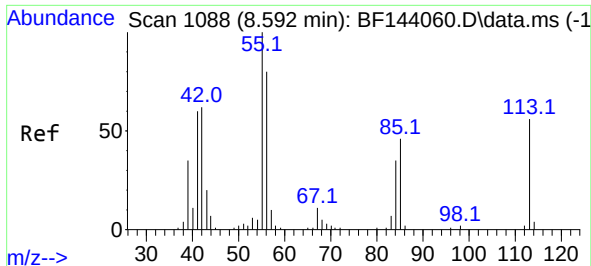
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#34
Hexachlorobutadiene
Concen: 30.455 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:225 Resp: 137944
Ion Ratio Lower Upper
225 100
223 60.2 50.6 76.0
227 61.7 51.8 77.8





#35
 Caprolactam
 Concen: 38.443 ng m
 RT: 8.598 min Scan# 1088
 Delta R.T. 0.006 min
 Lab File: BF144147.D
 Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

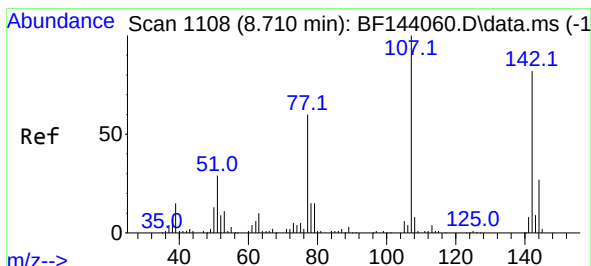
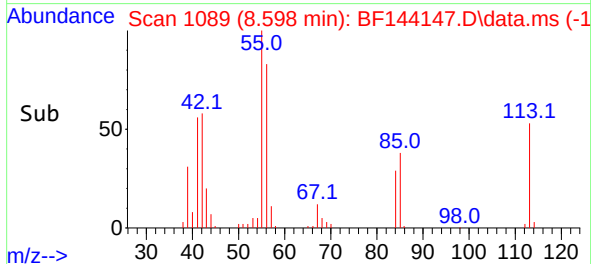
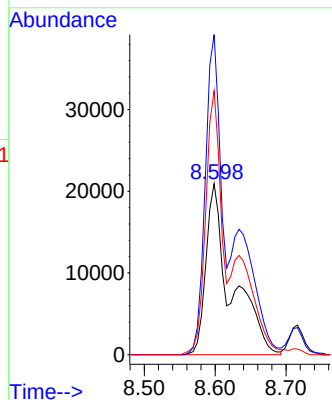
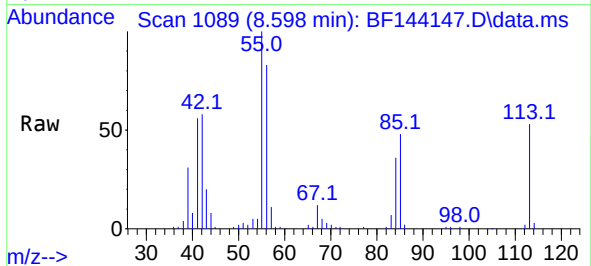
PB170325BS

Tgt Ion:113 Resp: 5190
 Ion Ratio Lower Upper
 113 100
 55 187.0 160.1 200.1
 56 154.3 124.9 164.9

Manual Integrations

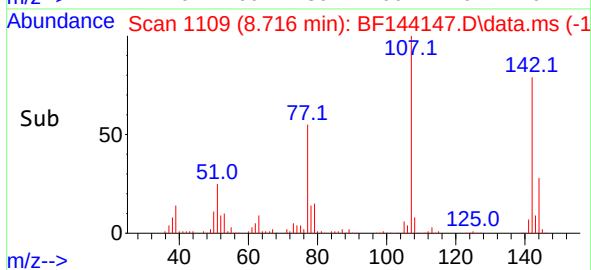
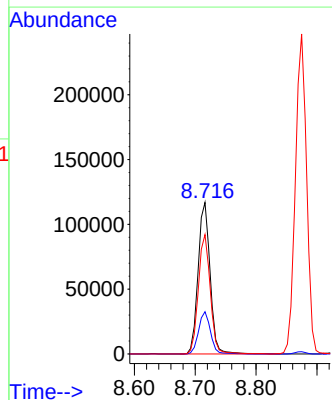
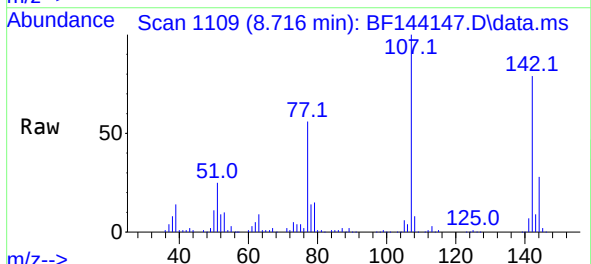
APPROVED

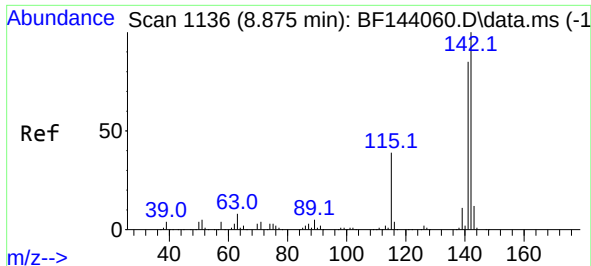
Reviewed By :Rahul Chavli 10/31/2025
 Supervised By :Jagrut Upadhyay 10/31/2025



#36
 4-Chloro-3-methylphenol
 Concen: 33.717 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF144147.D
 Acq: 30 Oct 2025 18:06

Tgt Ion:107 Resp: 160207
 Ion Ratio Lower Upper
 107 100
 144 27.9 21.6 32.4
 142 78.8 65.4 98.0





#37

2-Methylnaphthalene

Concen: 29.930 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

Tgt Ion:142 Resp: 31591

Ion Ratio Lower Upper

142 100

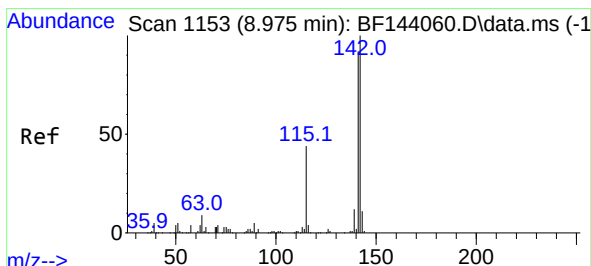
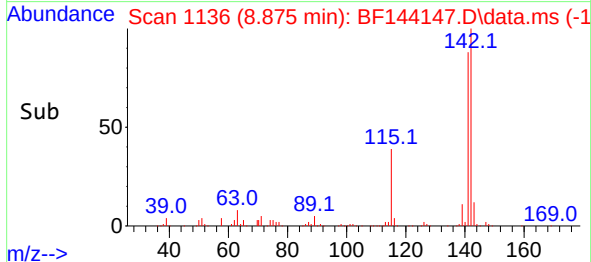
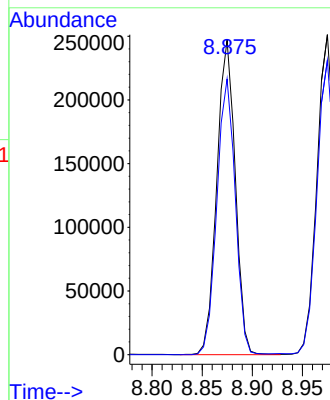
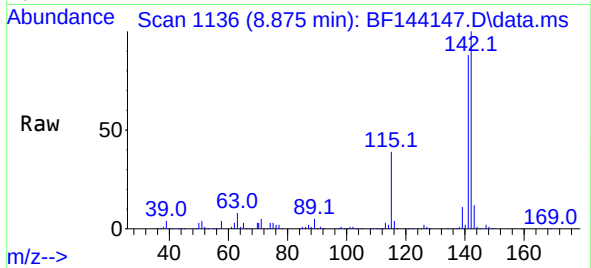
141 87.6 67.6 101.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/31/2025

Supervised By :Jagrut Upadhyay 10/31/2025



#38

1-Methylnaphthalene

Concen: 31.817 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144147.D

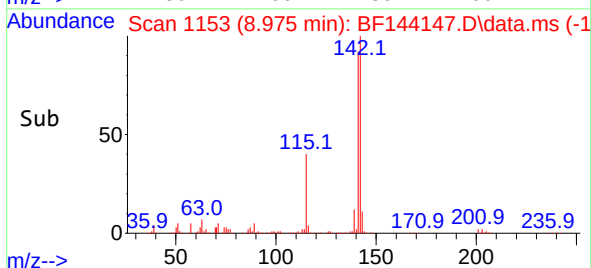
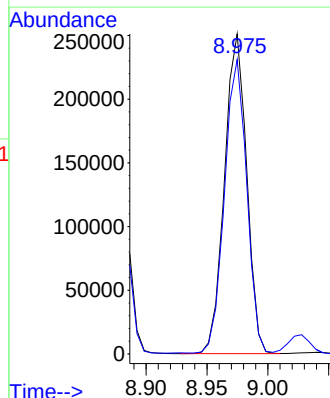
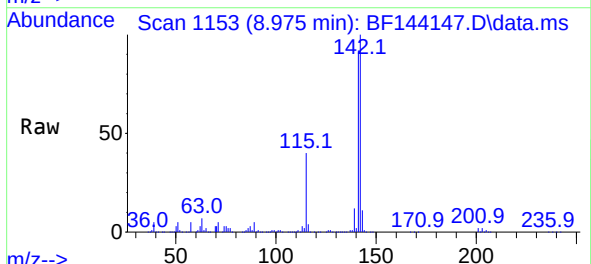
Acq: 30 Oct 2025 18:06

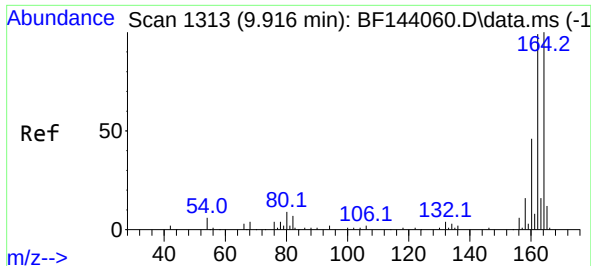
Tgt Ion:142 Resp: 318174

Ion Ratio Lower Upper

142 100

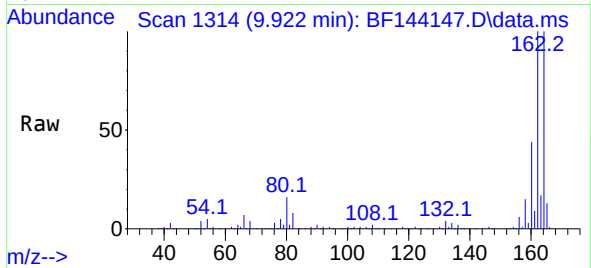
141 92.0 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

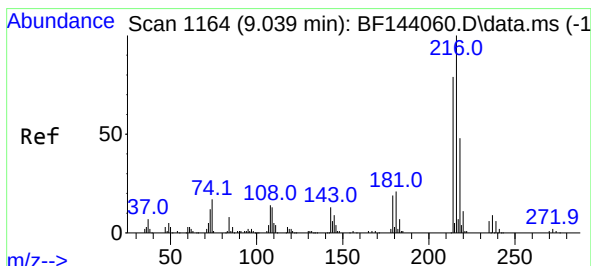
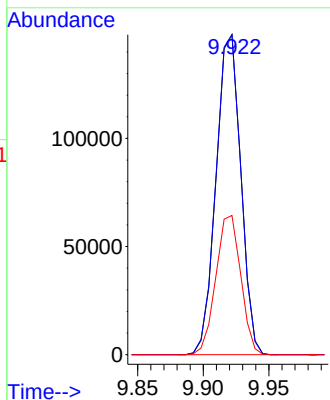
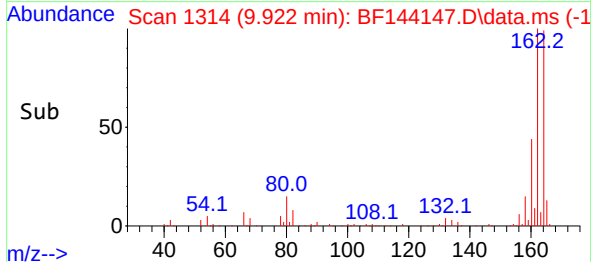
Instrument :
BNA_F
ClientSampleId :
PB170325BS



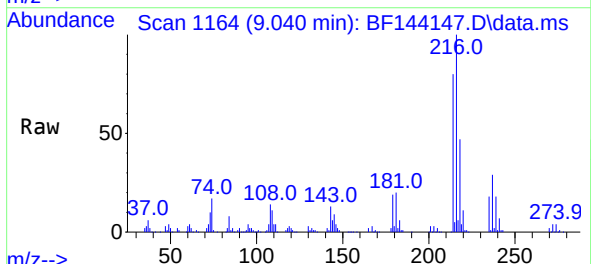
Tgt Ion:164 Resp: 193908
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.2
160 43.5 36.7 55.1

Manual Integrations
APPROVED

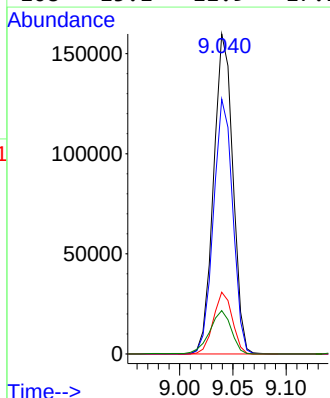
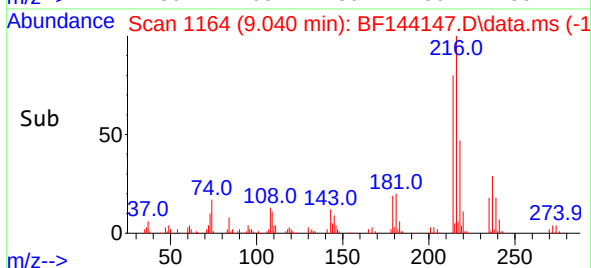
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

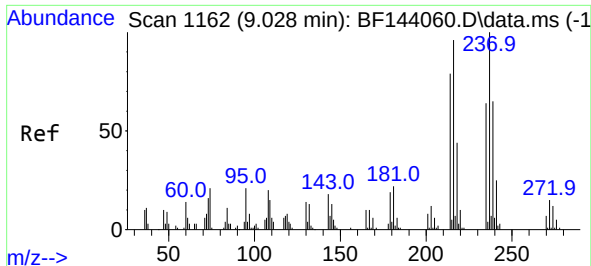


#40
1,2,4,5-Tetrachlorobenzene
Concen: 30.160 ng
RT: 9.040 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



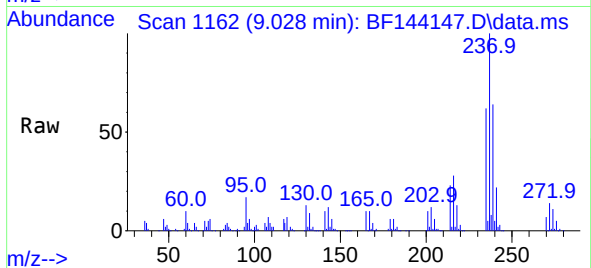
Tgt Ion:216 Resp: 200989
Ion Ratio Lower Upper
216 100
214 79.5 63.2 94.8
179 19.0 15.2 22.8
108 15.1 11.9 17.9





#41
Hexachlorocyclopentadiene
Concen: 94.839 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

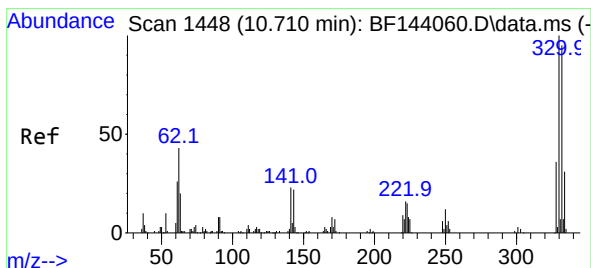
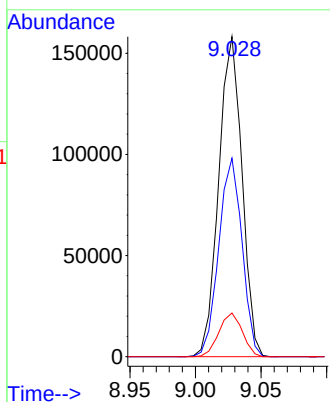
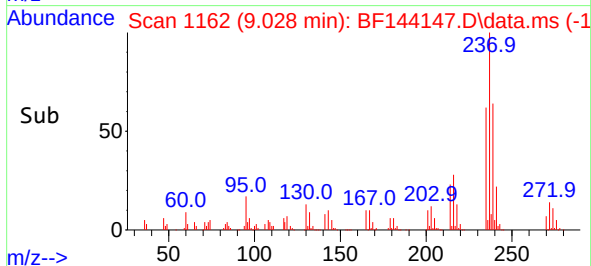
Instrument :
BNA_F
ClientSampleId :
PB170325BS



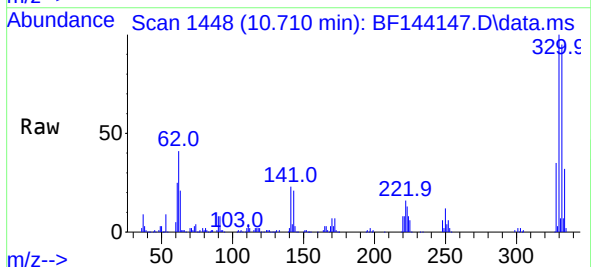
Tgt Ion:237 Resp: 195208
Ion Ratio Lower Upper
237 100
235 62.0 44.3 84.3
272 13.7 0.0 35.2

Manual Integrations
APPROVED

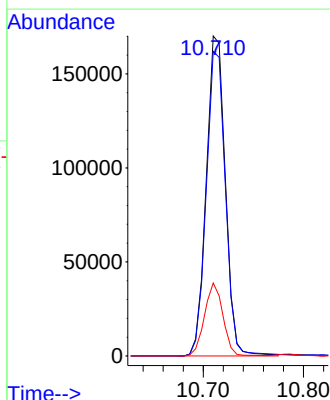
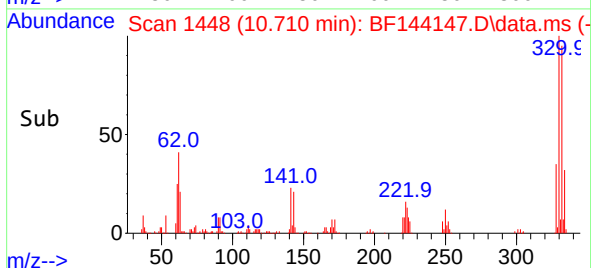
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

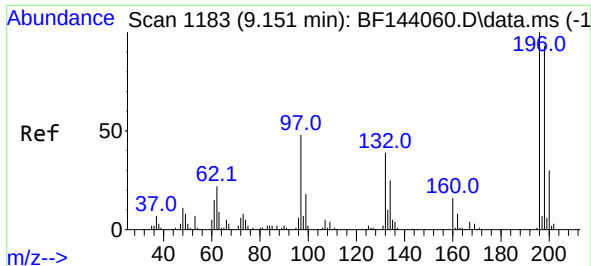


#42
2,4,6-Tribromophenol
Concen: 91.418 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



Tgt Ion:330 Resp: 225799
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 22.0 19.4 29.0





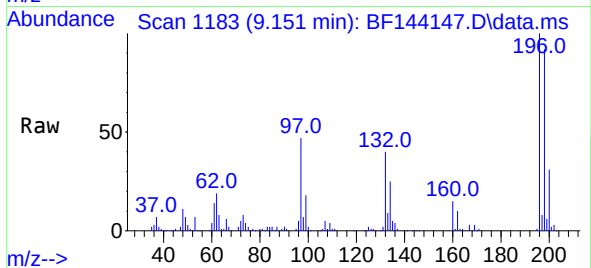
#43
2,4,6-Trichlorophenol
Concen: 31.820 ng
RT: 9.151 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS



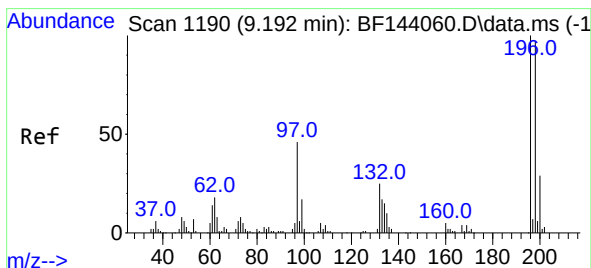
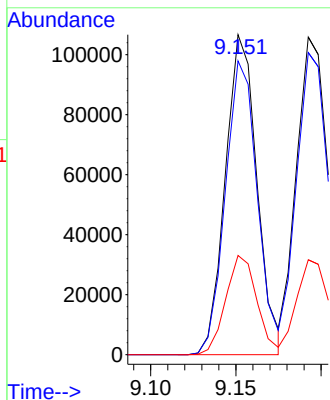
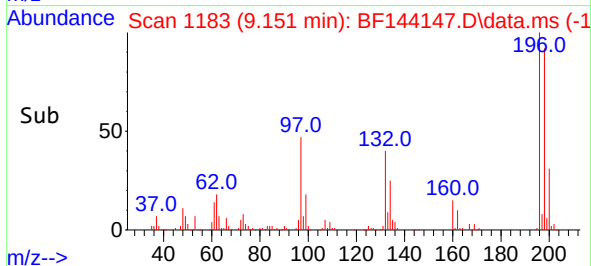
Tgt Ion:196 Resp: 137832
Ion Ratio Lower Upper
196 100
198 91.8 74.4 111.6
200 31.0 23.8 35.8

Manual Integrations

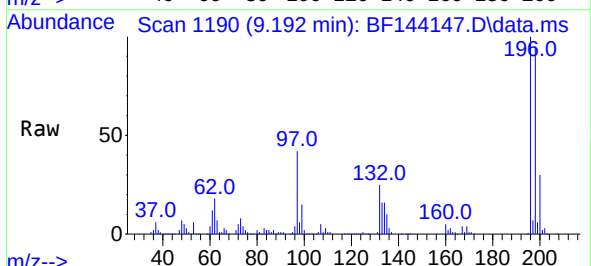
APPROVED

Reviewed By :Rahul Chavli 10/31/2025

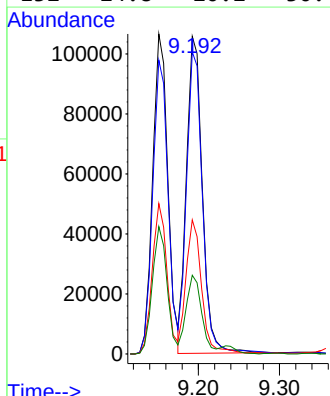
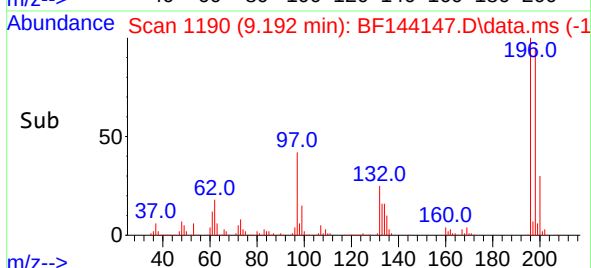
Supervised By :Jagrut Upadhyay 10/31/2025

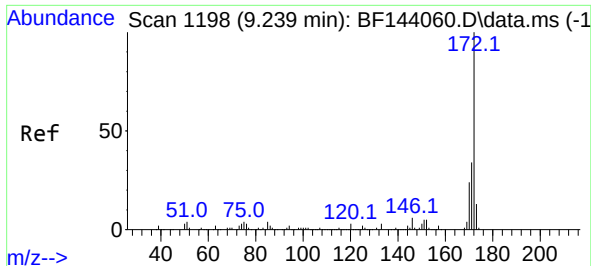


#44
2,4,5-Trichlorophenol
Concen: 31.568 ng
RT: 9.192 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



Tgt Ion:196 Resp: 143511
Ion Ratio Lower Upper
196 100
198 95.1 78.0 117.0
97 42.2 37.7 56.5
132 24.8 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 57.035 ng
RT: 9.239 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

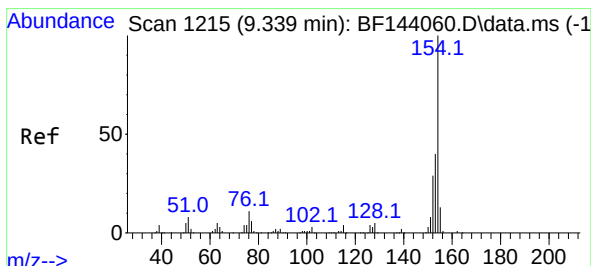
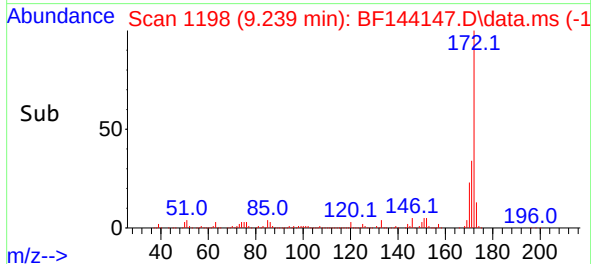
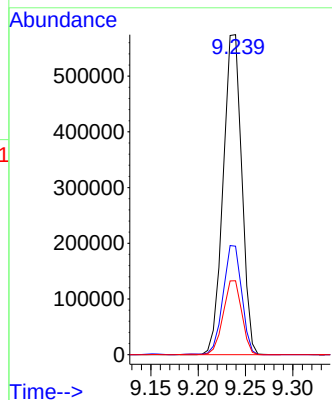
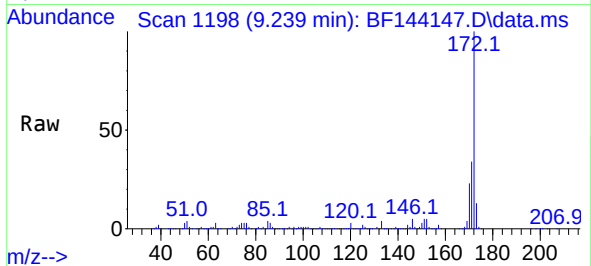
PB170325BS

Tgt Ion:172 Resp: 78590
Ion Ratio Lower Upper
172 100
171 33.9 27.5 41.3
170 23.1 19.0 28.6

Manual Integrations

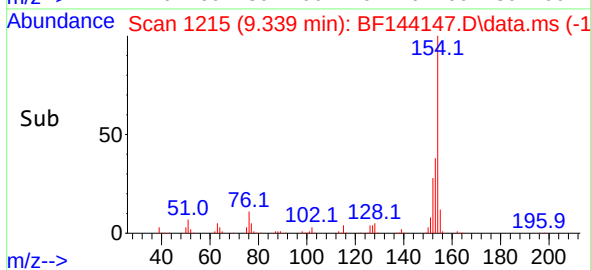
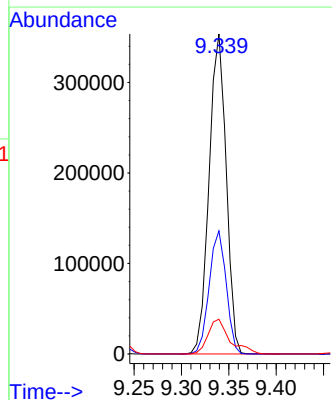
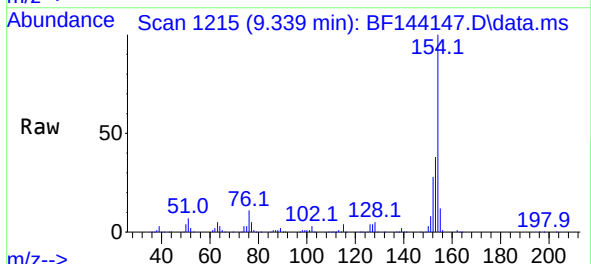
APPROVED

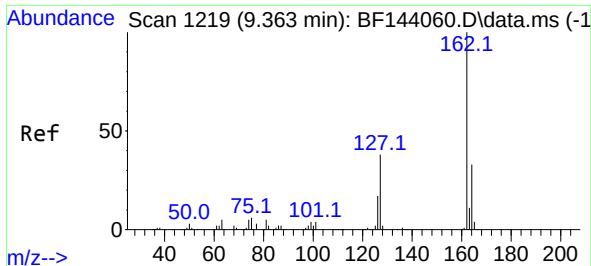
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#46
1,1'-Biphenyl
Concen: 31.971 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:154 Resp: 443771
Ion Ratio Lower Upper
154 100
153 38.4 19.7 59.7
76 10.9 0.0 31.1





#47

2-Chloronaphthalene

Concen: 30.850 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

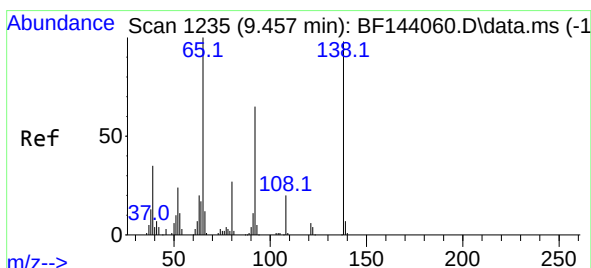
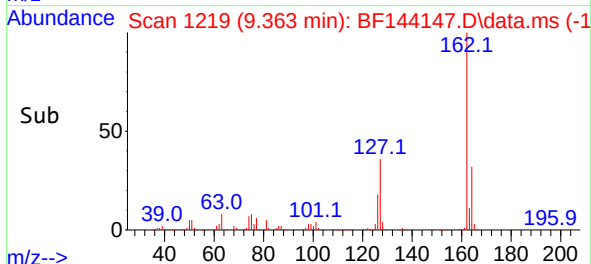
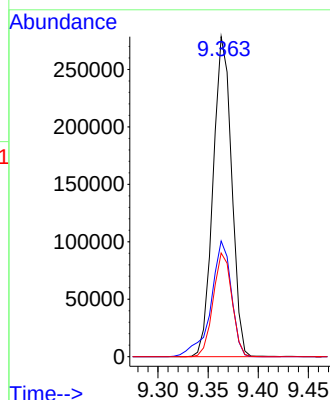
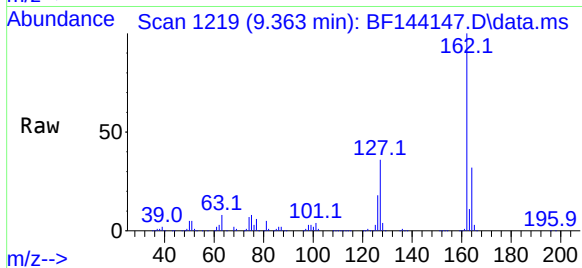
Tgt Ion:162 Resp: 35875
 Ion Ratio Lower Upper
 162 100
 127 36.2 31.6 47.4
 164 32.4 26.5 39.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/31/2025

Supervised By :Jagrut Upadhyay 10/31/2025



#48

2-Nitroaniline

Concen: 32.155 ng

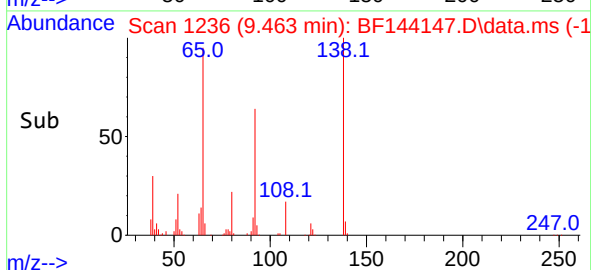
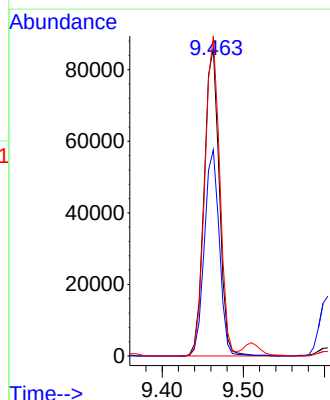
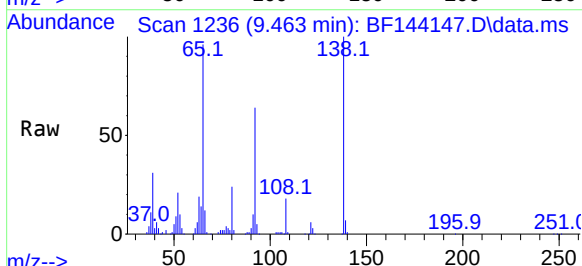
RT: 9.463 min Scan# 1236

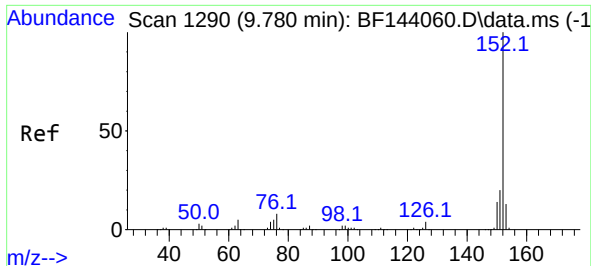
Delta R.T. 0.006 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

Tgt Ion: 65 Resp: 111036
 Ion Ratio Lower Upper
 65 100
 92 67.0 52.3 78.5
 138 104.0 78.3 117.5





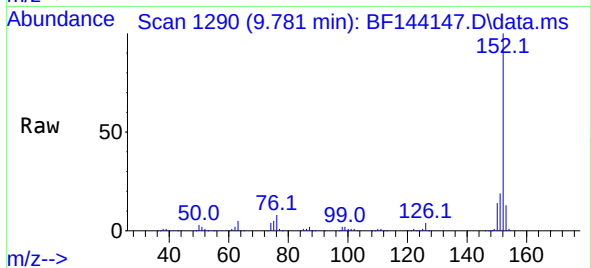
#49
Acenaphthylene
Concen: 35.991 ng
RT: 9.781 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

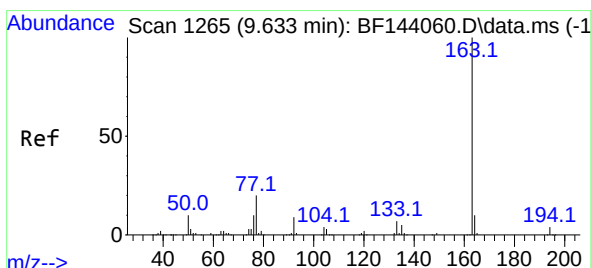
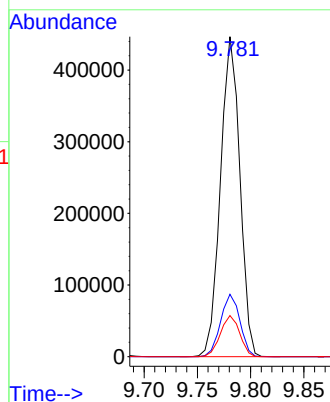
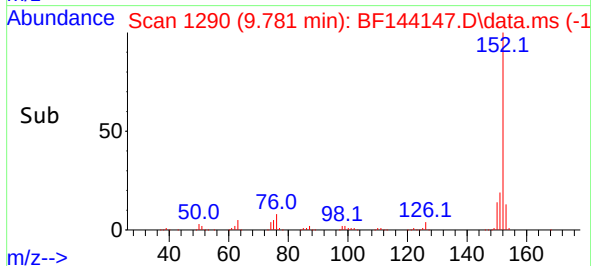


Tgt Ion:152 Resp: 56432
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 12.8 10.4 15.6

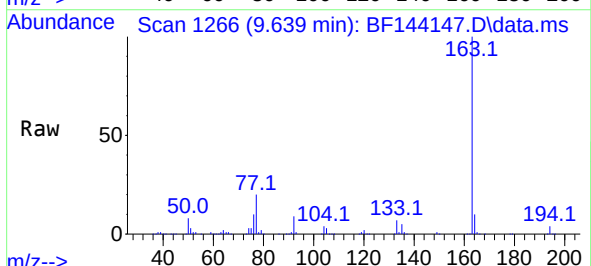
Manual Integrations

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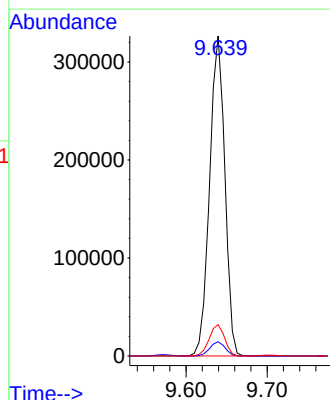
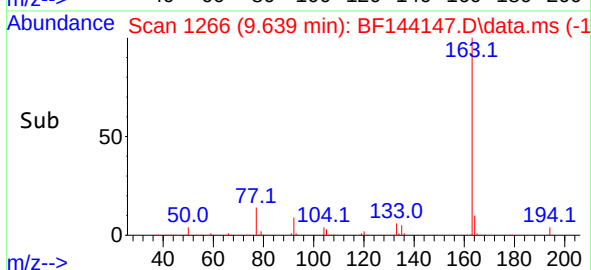
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

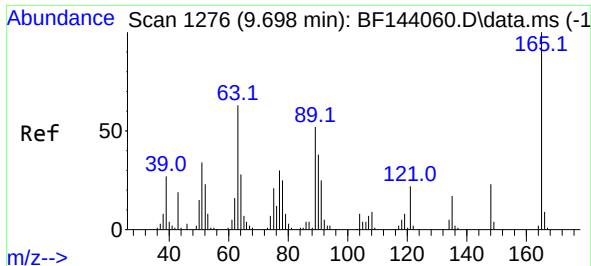


#50
Dimethylphthalate
Concen: 33.441 ng
RT: 9.639 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



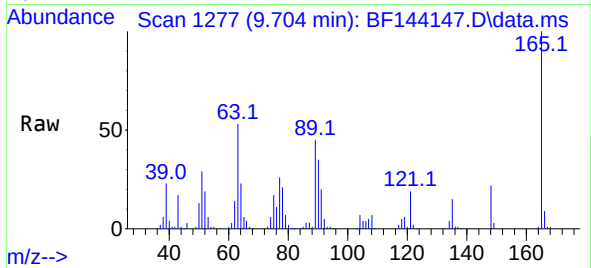
Tgt Ion:163 Resp: 425035
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 9.8 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 36.640 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

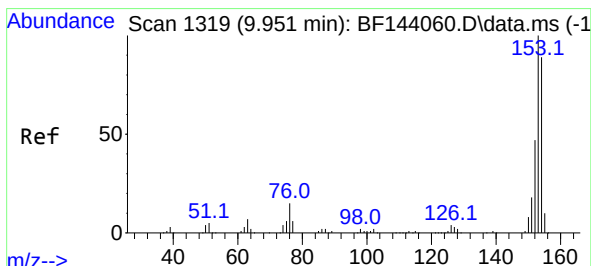
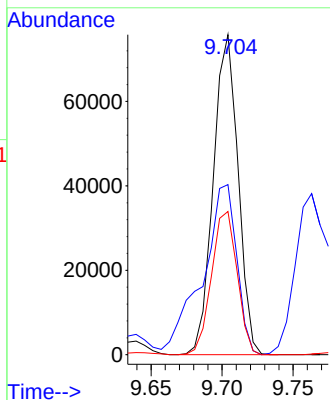
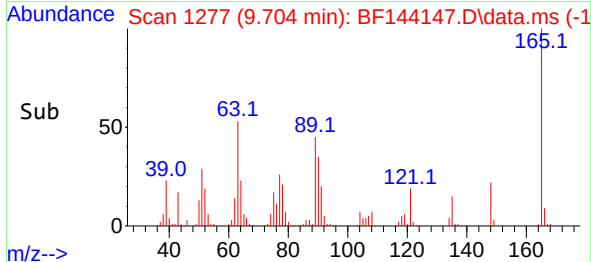
Instrument :
BNA_F
ClientSampleId :
PB170325BS



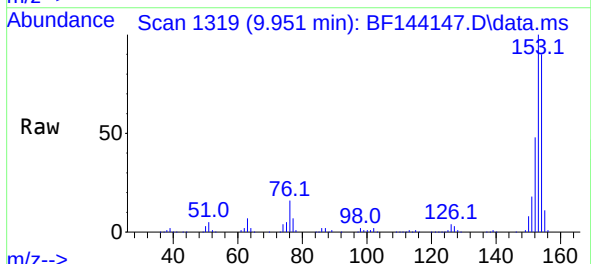
Tgt Ion:165 Resp: 9206
Ion Ratio Lower Upper
165 100
63 53.1 50.4 75.6
89 44.8 41.4 62.2

Manual Integrations
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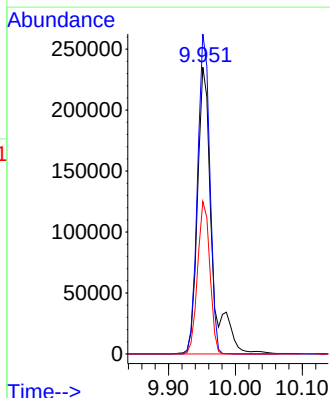
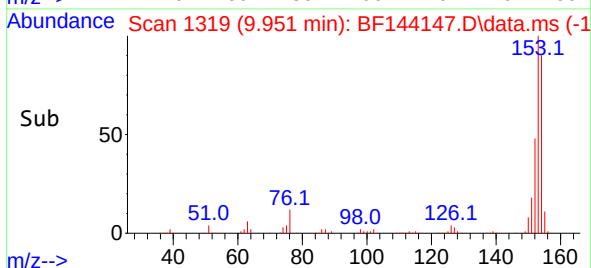
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

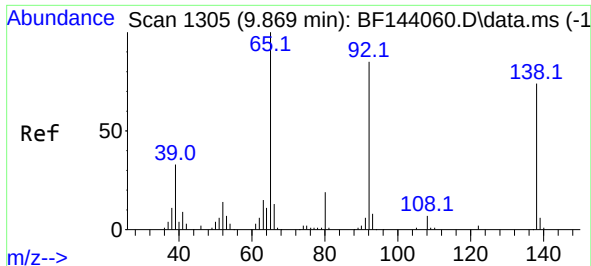


#52
Acenaphthene
Concen: 33.458 ng m
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



Tgt Ion:154 Resp: 350361
Ion Ratio Lower Upper
154 100
153 111.6 89.9 134.9
152 53.1 42.0 63.0





#53
3-Nitroaniline
Concen: 20.016 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

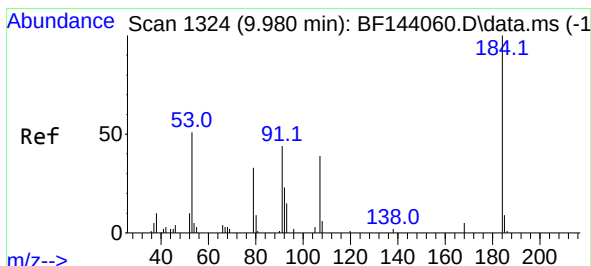
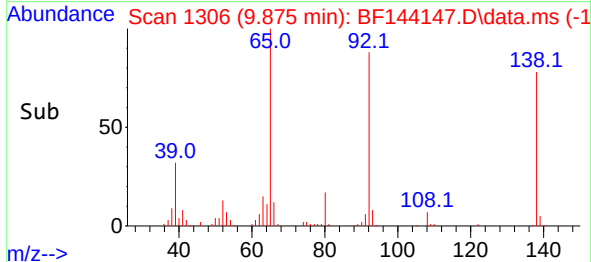
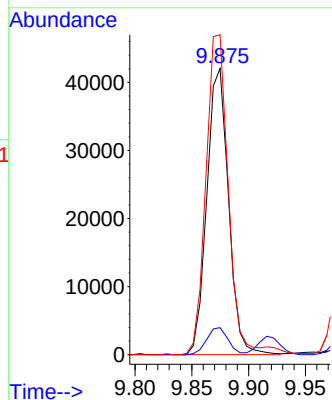
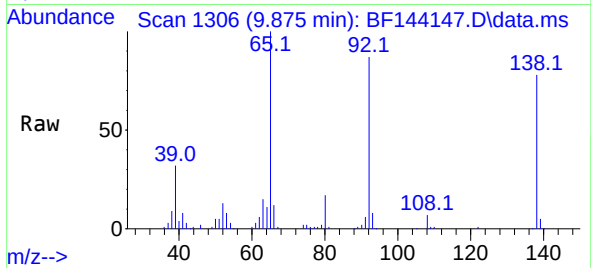
PB170325BS

Tgt Ion:138 Resp: 55910
Ion Ratio Lower Upper
138 100
108 9.4 7.9 11.9
92 111.8 92.0 138.0

Manual Integrations

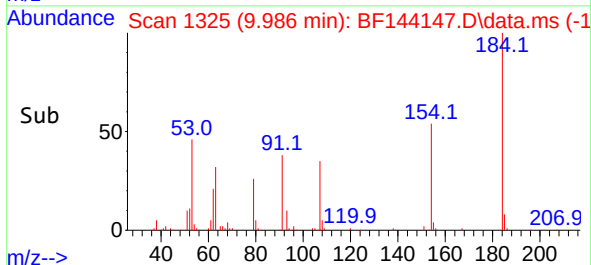
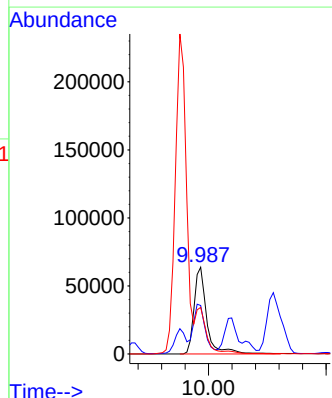
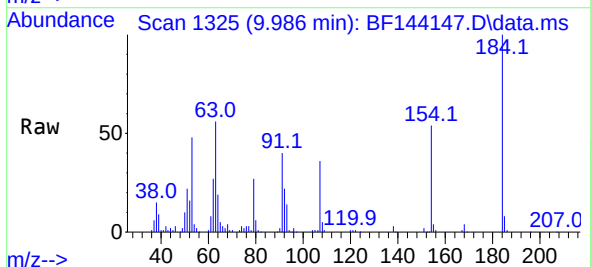
APPROVED

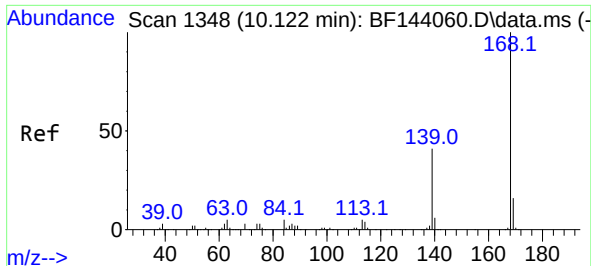
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#54
2,4-Dinitrophenol
Concen: 70.584 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

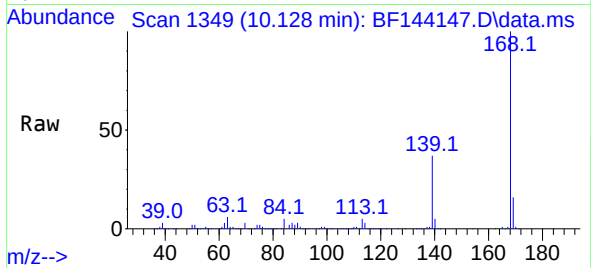
Tgt Ion:184 Resp: 95924
Ion Ratio Lower Upper
184 100
63 56.0 52.1 78.1
154 53.8 47.9 71.9





#55
Dibenzenofuran
Concen: 32.570 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

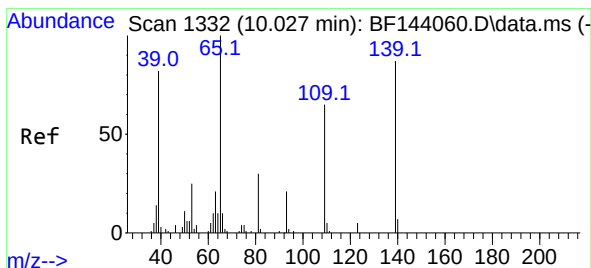
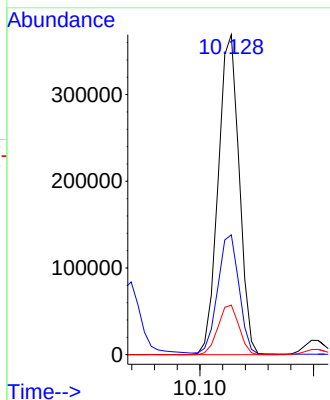
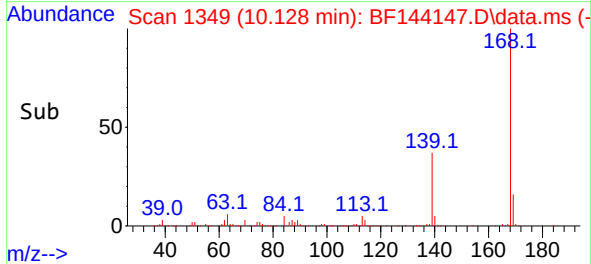
Instrument :
BNA_F
ClientSampleId :
PB170325BS



Tgt Ion:168 Resp: 47349
Ion Ratio Lower Upper
168 100
139 37.4 33.2 49.8
169 15.5 12.6 19.0

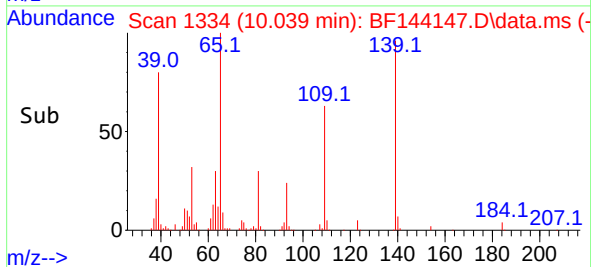
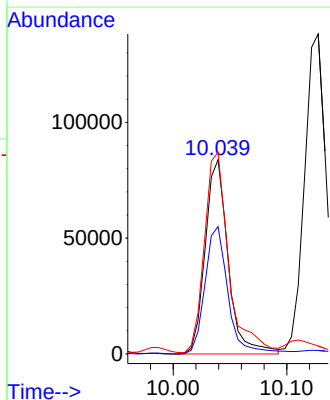
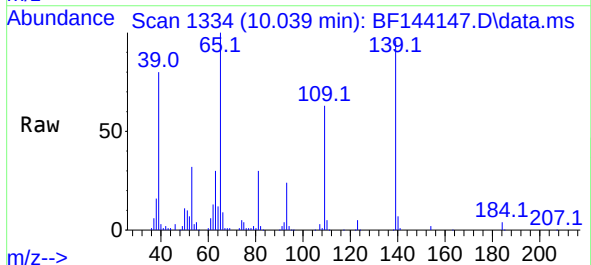
Manual Integrations
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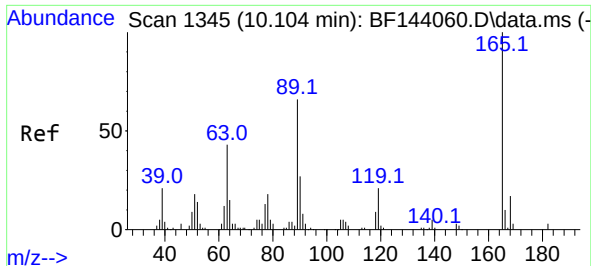
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#56
4-Nitrophenol
Concen: 62.449 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.012 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:139 Resp: 118137
Ion Ratio Lower Upper
139 100
109 65.5 53.8 93.8
65 103.9 95.9 135.9





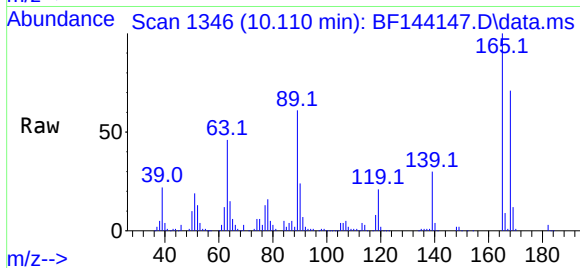
#57
2,4-Dinitrotoluene
Concen: 35.468 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

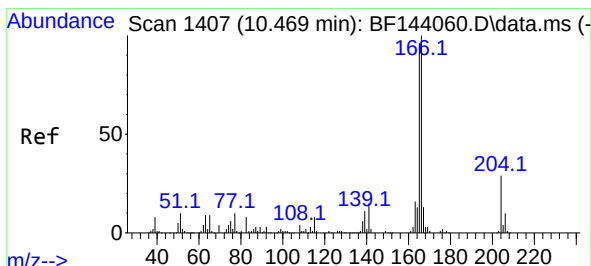
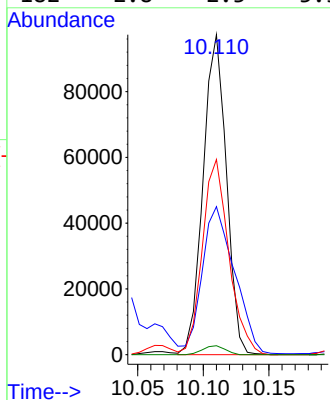
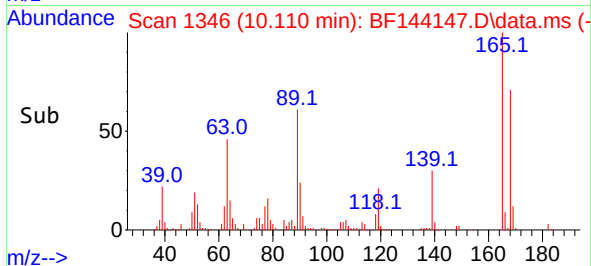


Tgt Ion:165 Resp: 120280
Ion Ratio Lower Upper
165 100
63 46.3 35.4 53.2
89 61.0 52.7 79.1
182 2.8 2.3 3.5

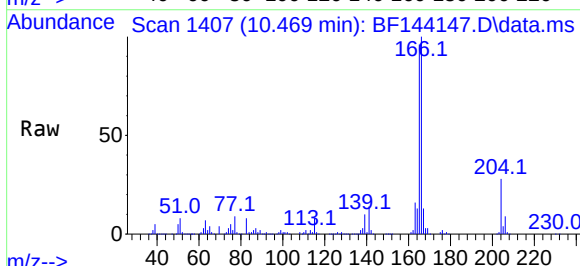
Manual Integrations

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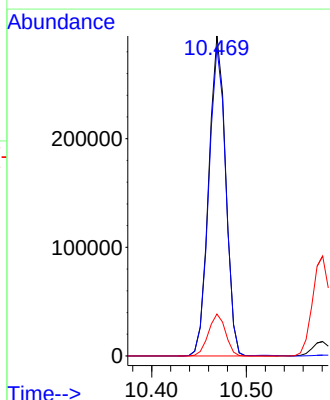
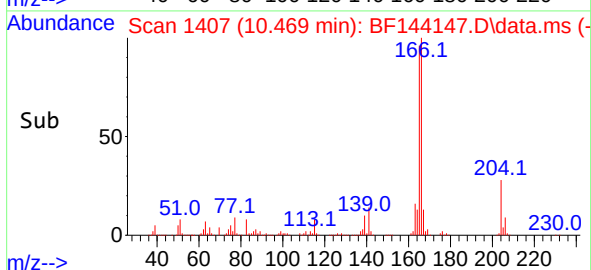
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

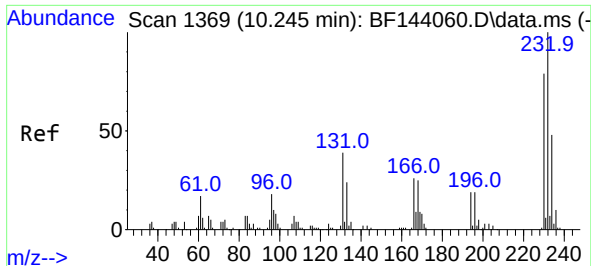


#58
Fluorene
Concen: 33.020 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



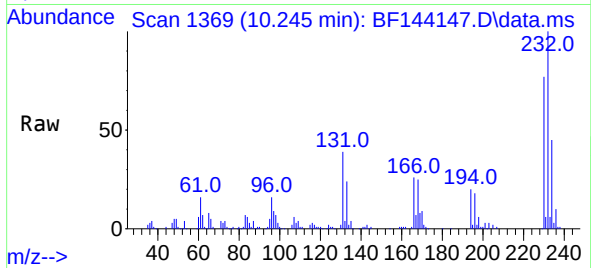
Tgt Ion:166 Resp: 365761
Ion Ratio Lower Upper
166 100
165 96.5 77.0 115.4
167 13.1 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.916 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

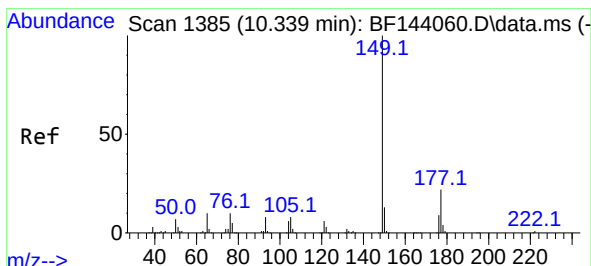
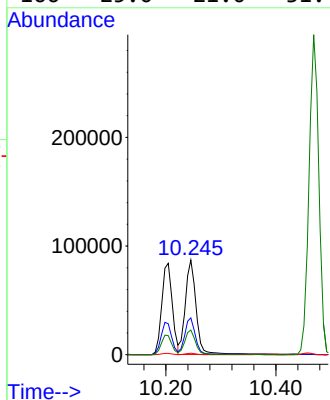
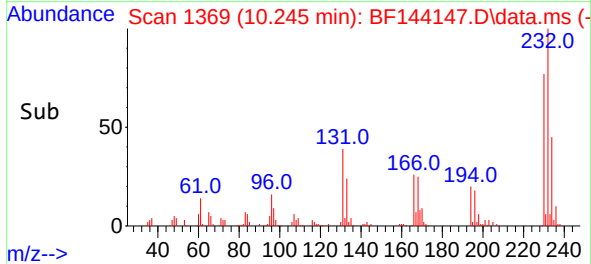
Instrument :
BNA_F
ClientSampleId :
PB170325BS



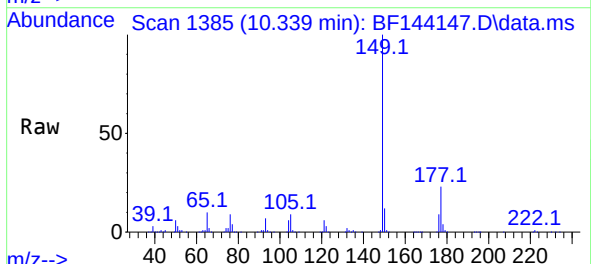
Tgt Ion:232 Resp: 11826
Ion Ratio Lower Upper
232 100
131 36.8 31.9 47.9
130 1.5 1.1 1.7
166 25.0 21.0 31.4

Manual Integrations
APPROVED

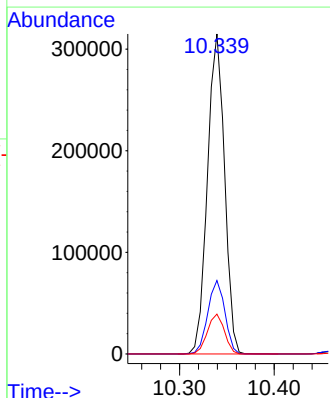
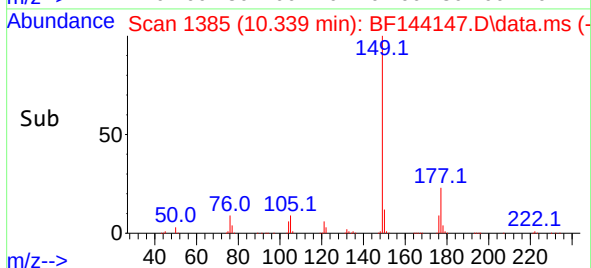
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

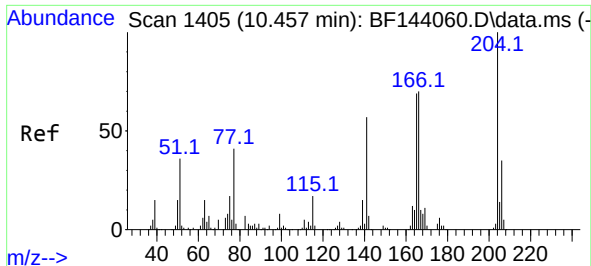


#60
Diethylphthalate
Concen: 33.085 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



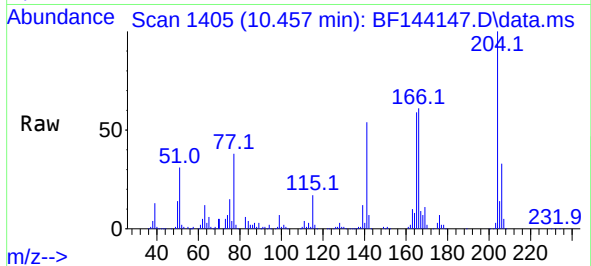
Tgt Ion:149 Resp: 395455
Ion Ratio Lower Upper
149 100
177 23.0 17.8 26.6
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 32.586 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

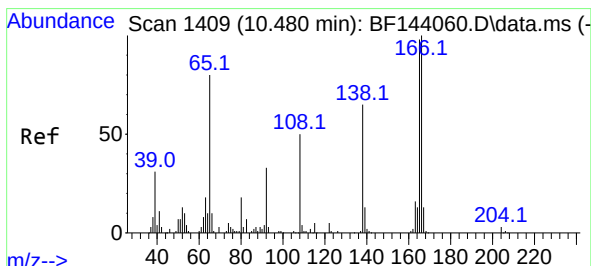
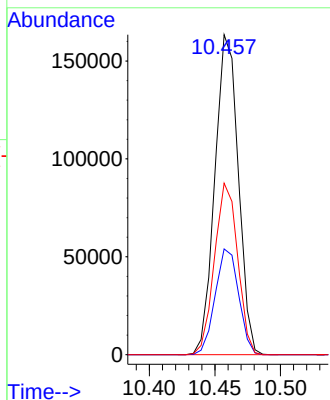
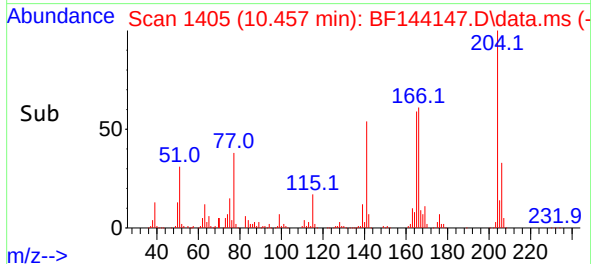
Instrument :
BNA_F
ClientSampleId :
PB170325BS



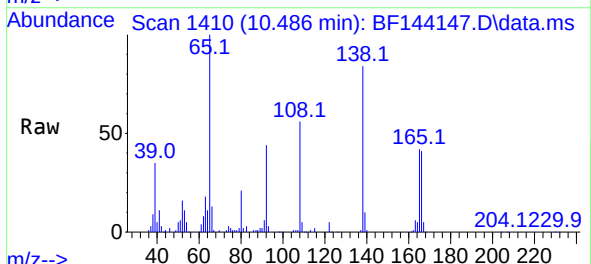
Tgt Ion:204 Resp: 202984
Ion Ratio Lower Upper
204 100
206 33.0 27.8 41.6
141 53.6 45.4 68.2

Manual Integrations
APPROVED

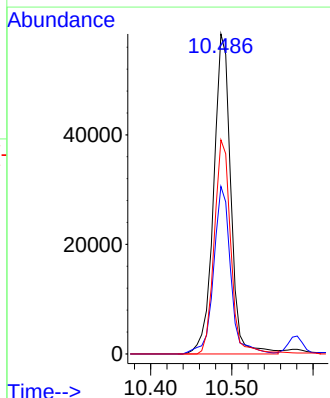
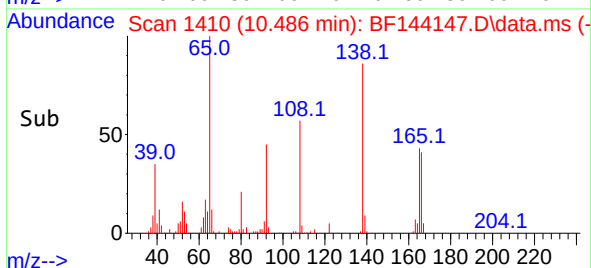
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

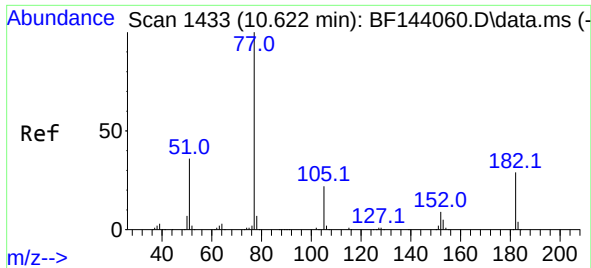


#62
4-Nitroaniline
Concen: 32.429 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



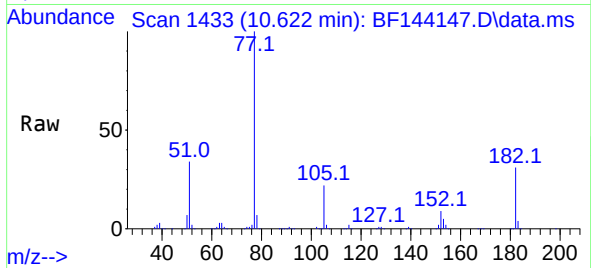
Tgt Ion:138 Resp: 85838
Ion Ratio Lower Upper
138 100
92 52.4 30.5 70.5
108 66.9 56.2 96.2





#63
Azobenzene
Concen: 32.829 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

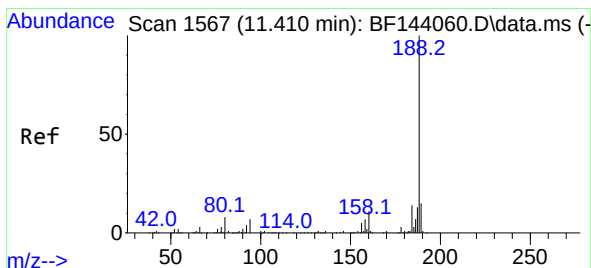
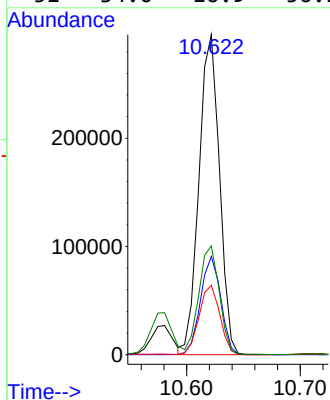
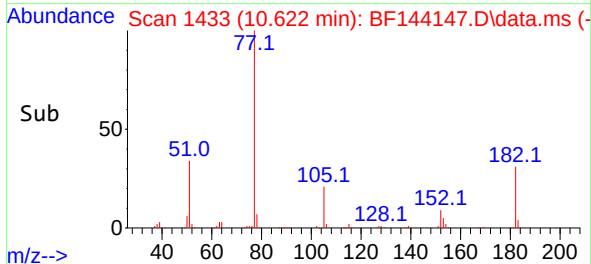
Instrument :
BNA_F
ClientSampleId :
PB170325BS



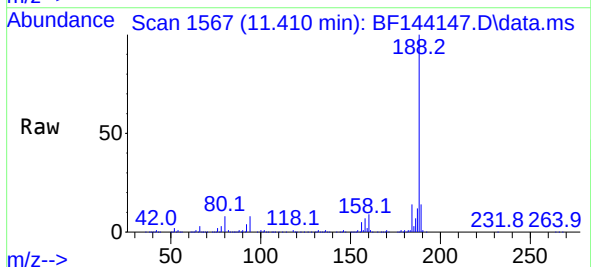
Tgt Ion: 77 Resp: 371400
Ion Ratio Lower Upper
77 100
182 30.7 9.0 49.0
105 21.7 1.4 41.4
51 34.0 16.9 56.9

Manual Integrations
APPROVED

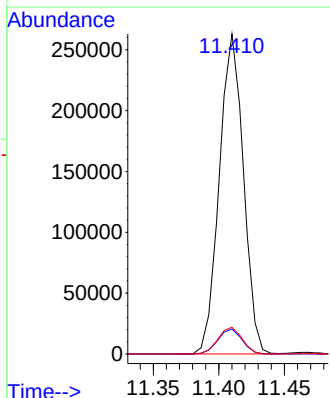
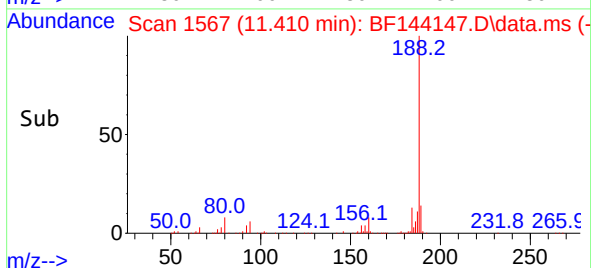
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

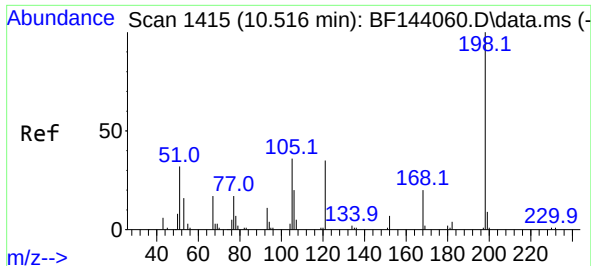


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



Tgt Ion:188 Resp: 335987
Ion Ratio Lower Upper
188 100
94 7.8 5.4 8.0
80 8.3 6.0 9.0





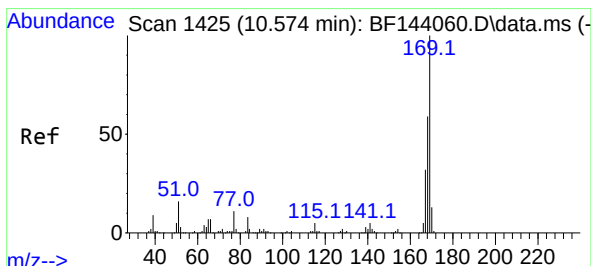
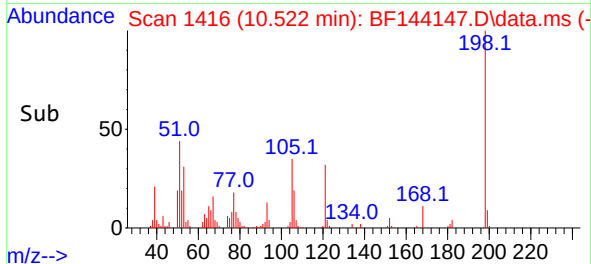
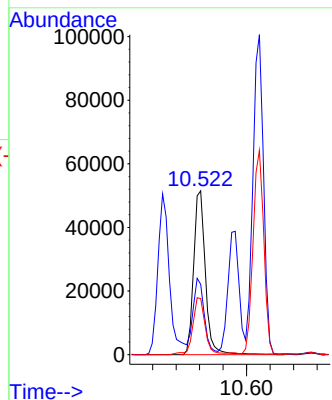
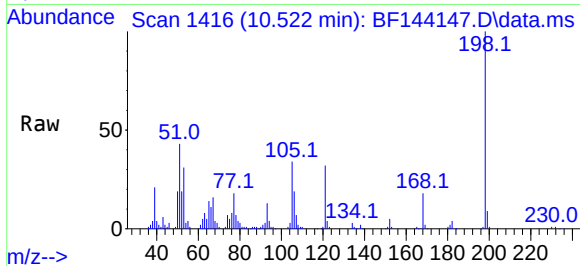
#65
4,6-Dinitro-2-methylphenol
Concen: 33.159 ng
RT: 10.522 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Instrument :
BNA_F
ClientSampleId :
PB170325BS

Tgt Ion:198 Resp: 71478
Ion Ratio Lower Upper
198 100
51 42.9 25.8 65.8
105 34.3 17.2 57.2

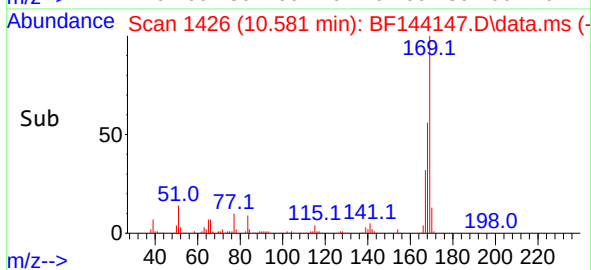
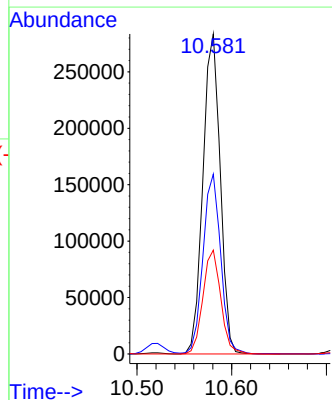
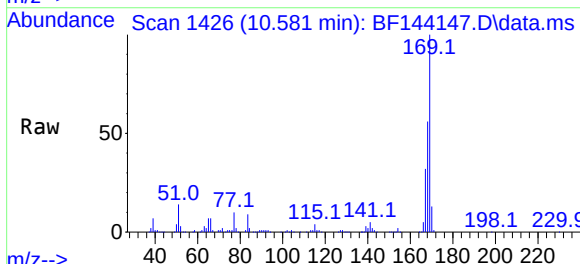
Manual Integrations
APPROVED

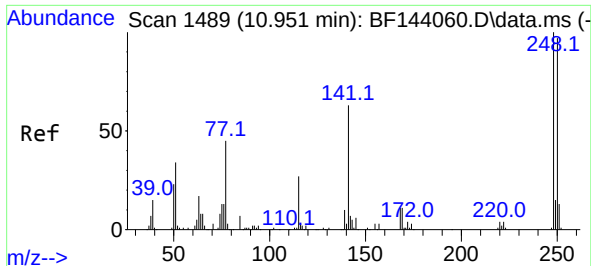
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#66
n-Nitrosodiphenylamine
Concen: 33.432 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

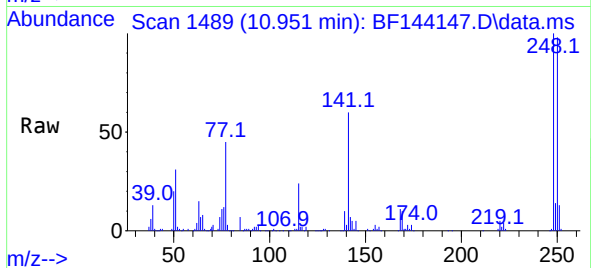
Tgt Ion:169 Resp: 358889
Ion Ratio Lower Upper
169 100
168 56.2 47.4 71.2
167 32.5 25.5 38.3





#67
4-Bromophenyl-phenylether
Concen: 32.509 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

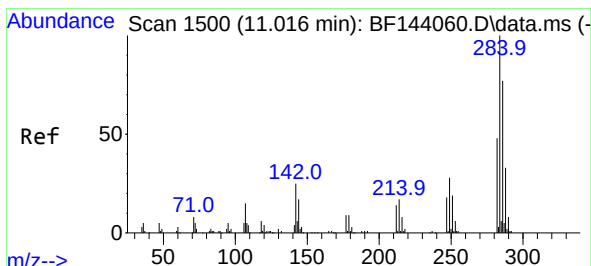
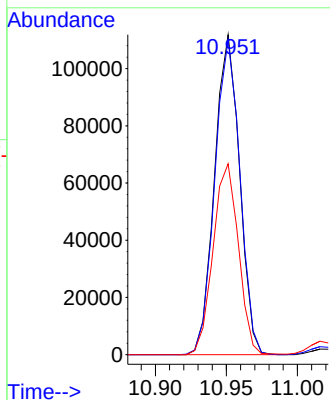
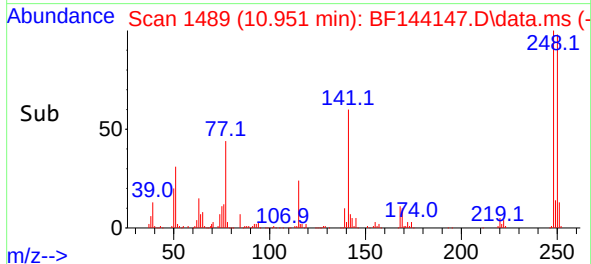
Instrument :
BNA_F
ClientSampleId :
PB170325BS



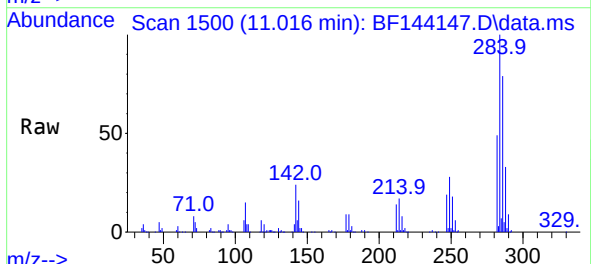
Tgt Ion:248 Resp: 136750
Ion Ratio Lower Upper
248 100
250 98.4 77.8 116.6
141 59.6 50.5 75.7

Manual Integrations
APPROVED

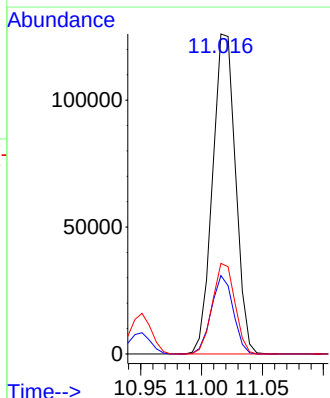
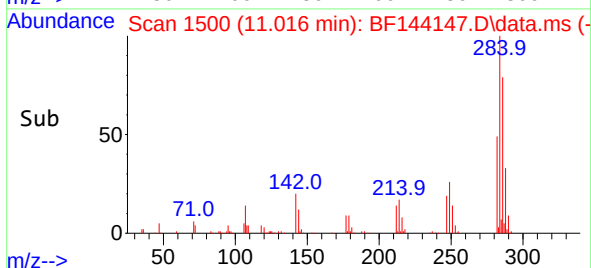
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

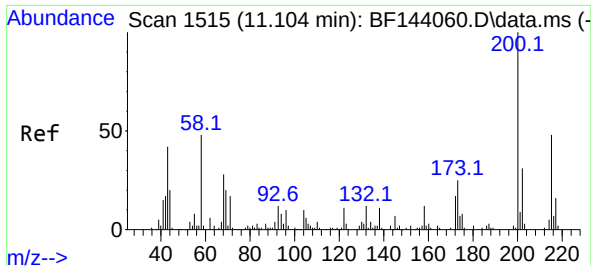


#68
Hexachlorobenzene
Concen: 32.065 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



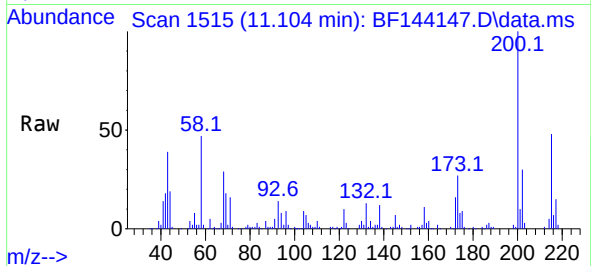
Tgt Ion:284 Resp: 165432
Ion Ratio Lower Upper
284 100
142 24.5 20.0 30.0
249 28.3 22.2 33.2





#69
Atrazine
Concen: 34.433 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

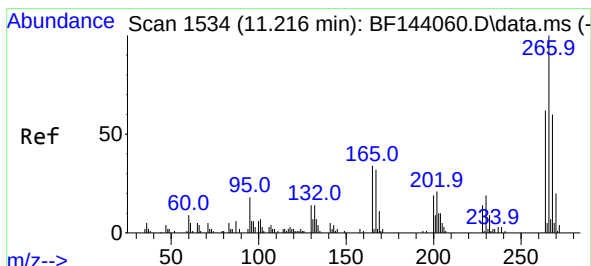
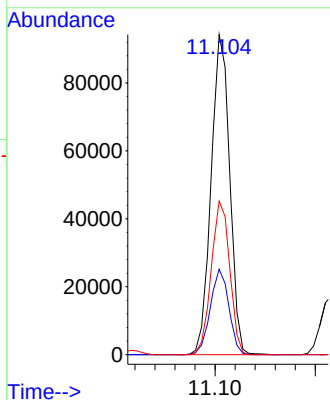
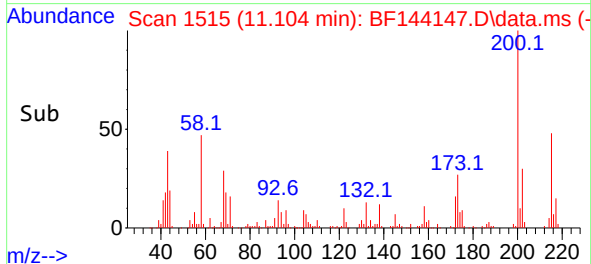
Instrument :
BNA_F
ClientSampleId :
PB170325BS



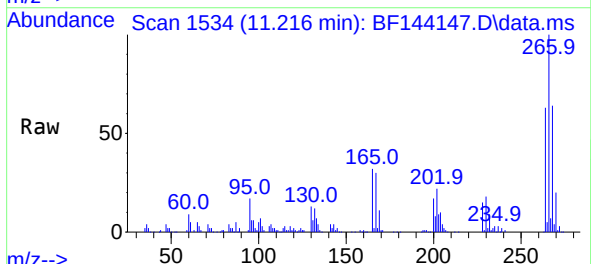
Tgt Ion:200 Resp: 121294
Ion Ratio Lower Upper
200 100
173 26.7 4.9 44.9
215 48.0 28.2 68.2

Manual Integrations
APPROVED

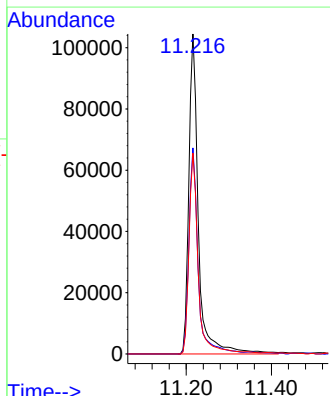
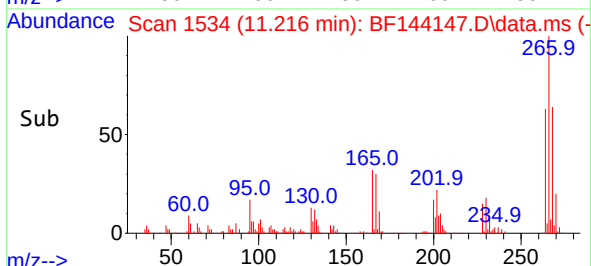
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

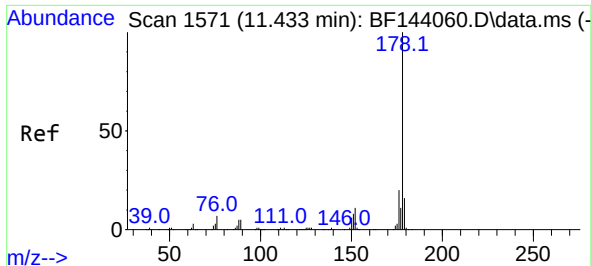


#70
Pentachlorophenol
Concen: 66.524 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



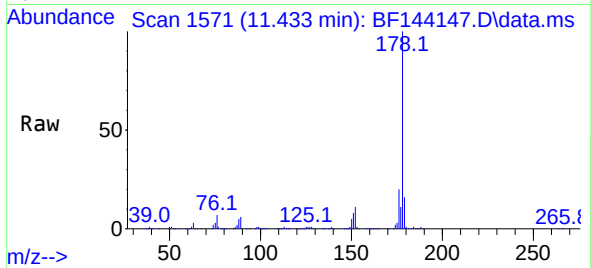
Tgt Ion:266 Resp: 163369
Ion Ratio Lower Upper
266 100
268 64.4 48.2 72.4
264 62.7 49.4 74.0





#71
Phenanthrene
Concen: 31.657 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

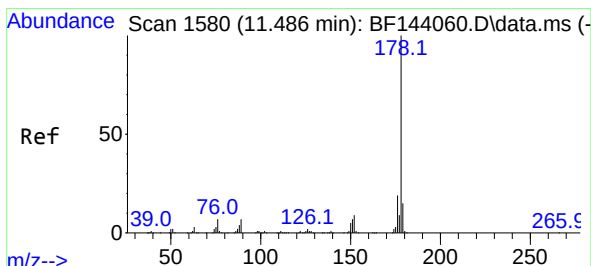
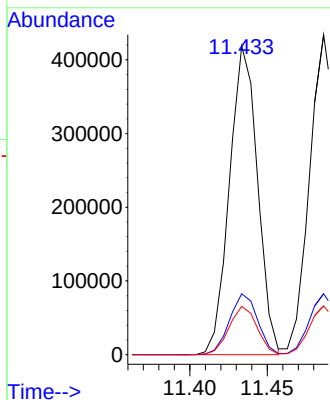
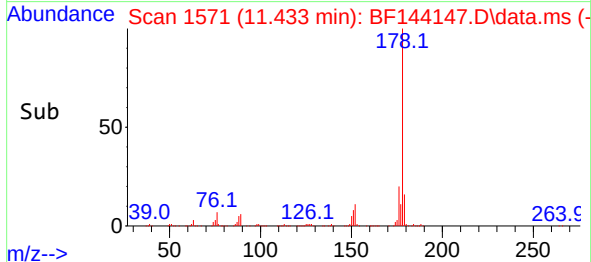
Instrument :
BNA_F
ClientSampleId :
PB170325BS



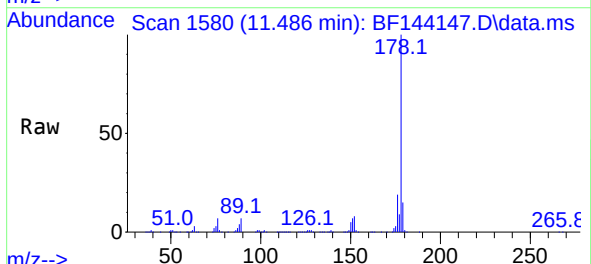
Tgt Ion:178 Resp: 52836
Ion Ratio Lower Upper
178 100
176 19.7 16.3 24.5
179 15.7 12.6 18.8

Manual Integrations
APPROVED

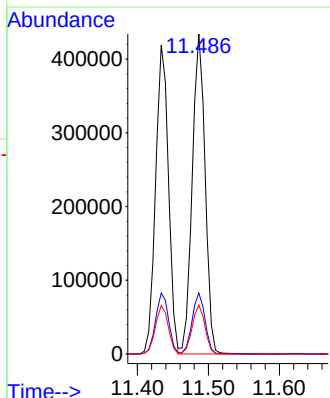
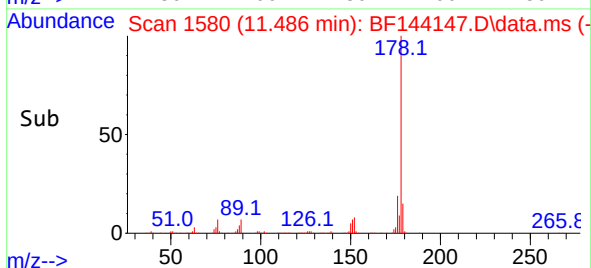
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

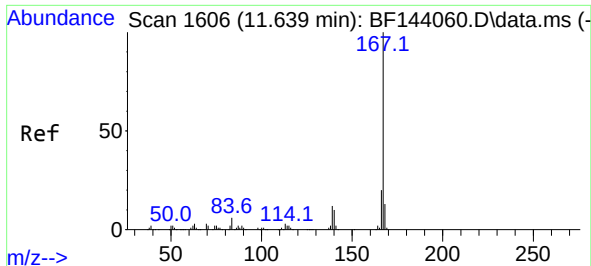


#72
Anthracene
Concen: 31.843 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



Tgt Ion:178 Resp: 549017
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 15.3 11.8 17.6





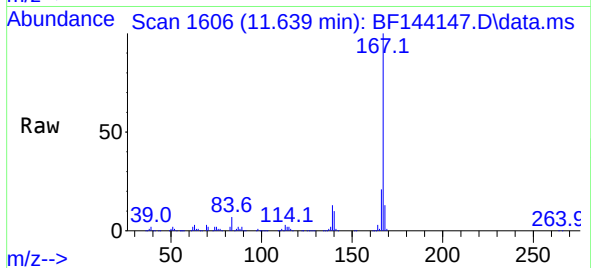
#73
 Carbazole
 Concen: 32.021 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. 0.000 min
 Lab File: BF144147.D
 Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

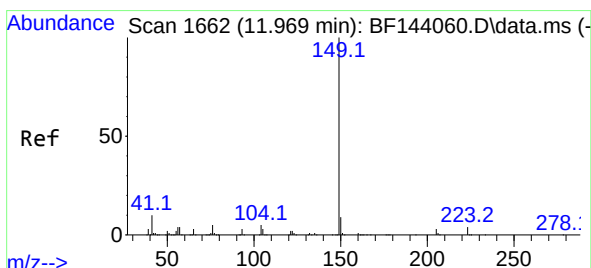
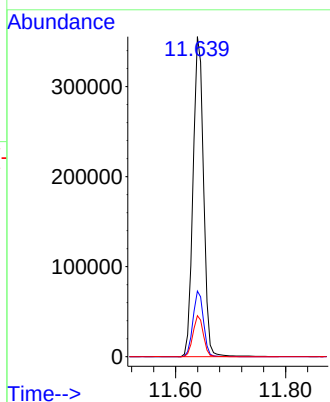
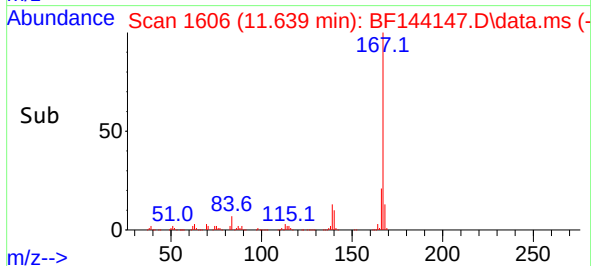


Tgt Ion:167 Resp: 469910
 Ion Ratio Lower Upper
 167 100
 166 20.5 16.1 24.1
 139 12.8 9.8 14.6

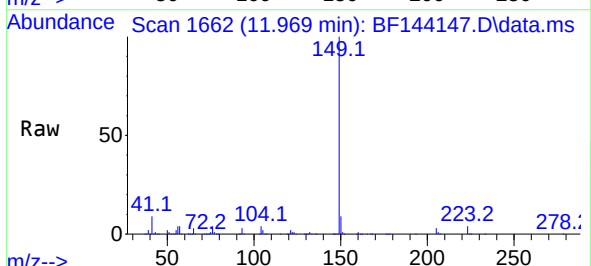
Manual Integrations

APPROVED

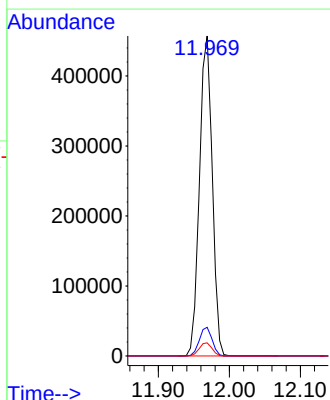
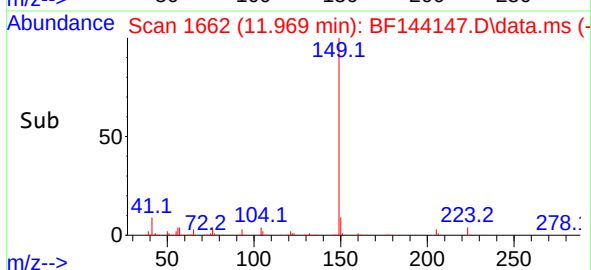
Reviewed By :Rahul Chavli 10/31/2025
 Supervised By :Jagrut Upadhyay 10/31/2025

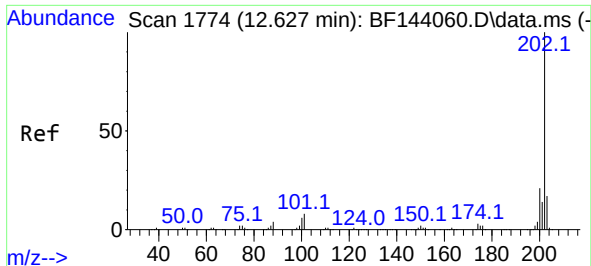


#74
 Di-n-butylphthalate
 Concen: 31.894 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF144147.D
 Acq: 30 Oct 2025 18:06



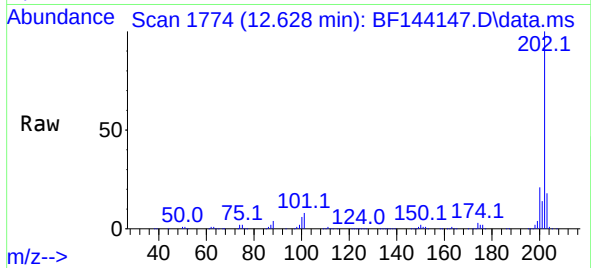
Tgt Ion:149 Resp: 573853
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 4.1 3.6 5.4





#75
Fluoranthene
Concen: 28.565 ng
RT: 12.628 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

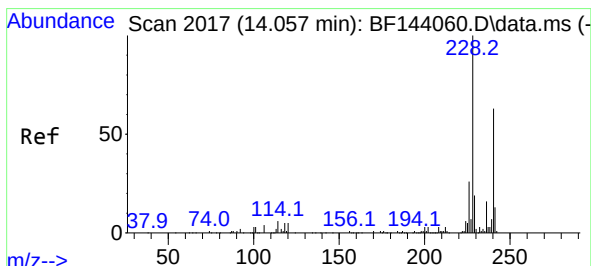
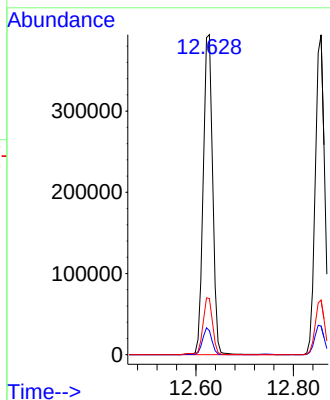
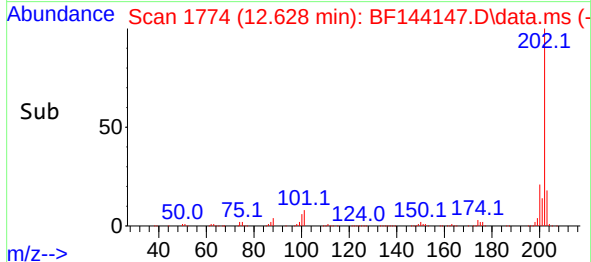
Instrument :
BNA_F
ClientSampleId :
PB170325BS



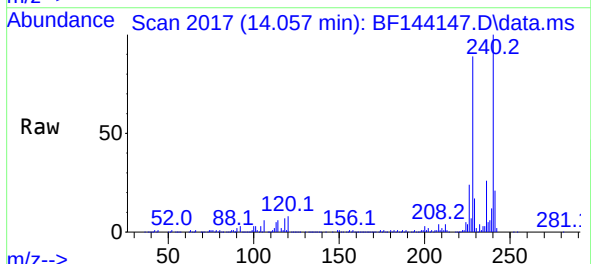
Tgt Ion:202 Resp: 526730
Ion Ratio Lower Upper
202 100
101 7.5 0.0 27.7
203 17.6 0.0 37.3

Manual Integrations
APPROVED

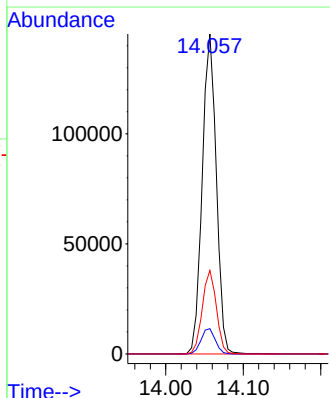
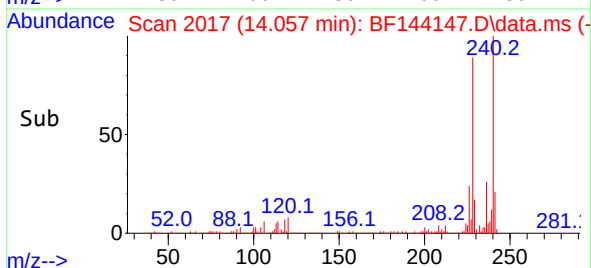
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

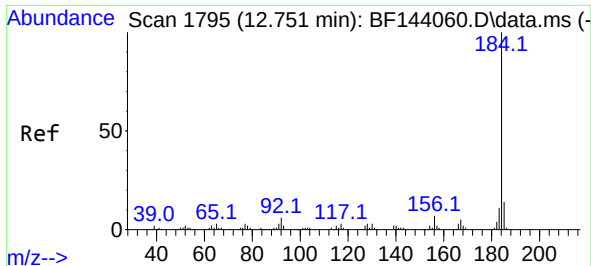


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



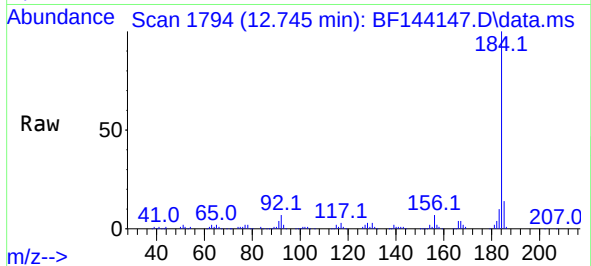
Tgt Ion:240 Resp: 183316
Ion Ratio Lower Upper
240 100
120 7.9 6.5 9.7
236 26.1 20.1 30.1





#77
Benzidine
Concen: 32.883 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

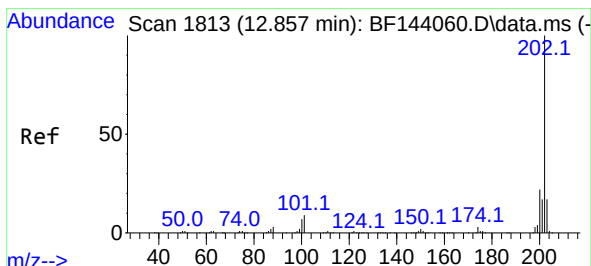
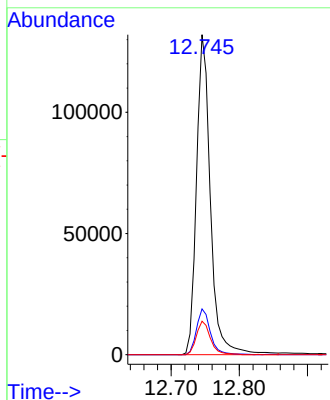
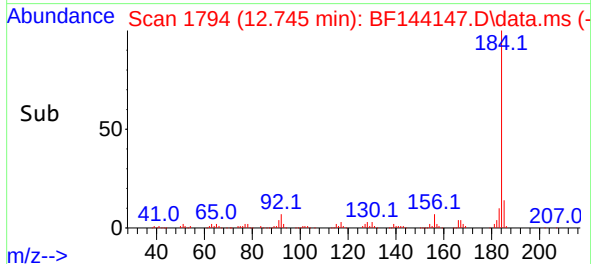
Instrument :
BNA_F
ClientSampleId :
PB170325BS



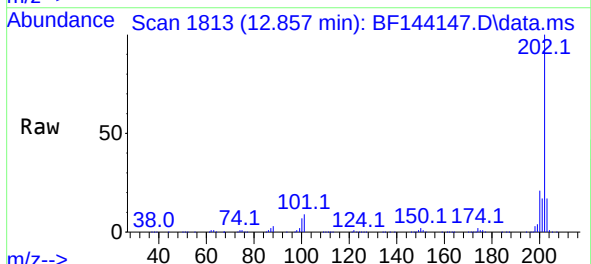
Tgt Ion:184 Resp: 187600
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 10.5 8.5 12.7

Manual Integrations
APPROVED

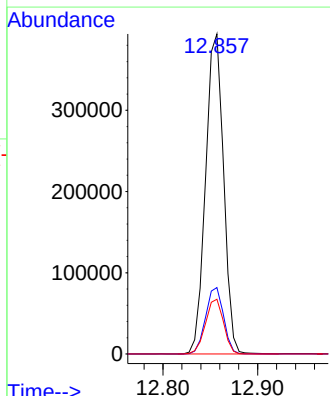
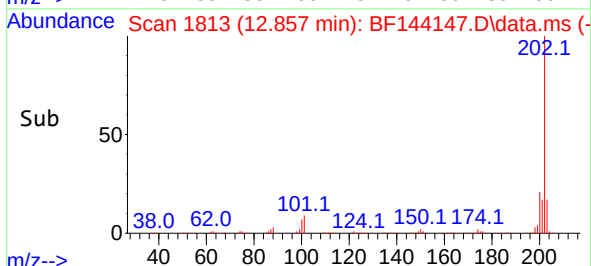
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

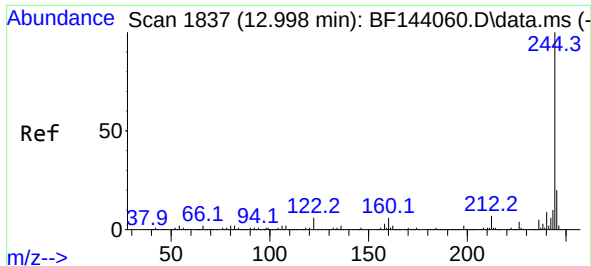


#78
Pyrene
Concen: 39.472 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



Tgt Ion:202 Resp: 520201
Ion Ratio Lower Upper
202 100
200 20.8 17.2 25.8
203 17.1 13.5 20.3





#79
 Terphenyl-d14
 Concen: 75.492 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF144147.D
 Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

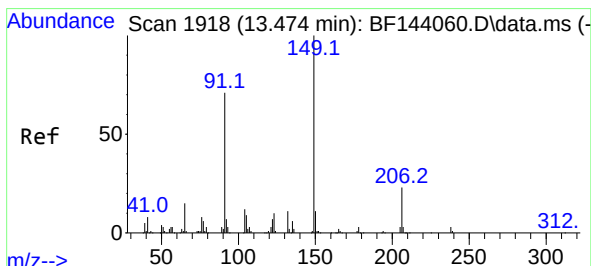
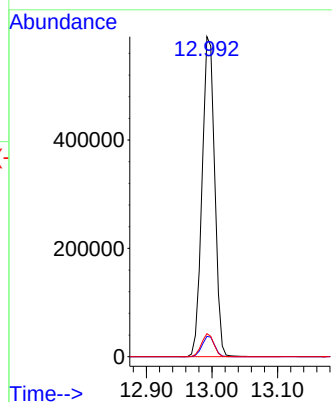
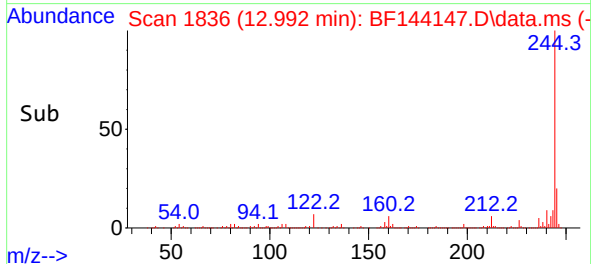
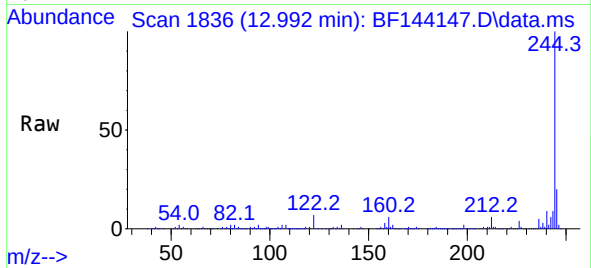
PB170325BS

Tgt Ion:244 Resp: 791599
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.6
 122 7.2 4.9 7.3

Manual Integrations

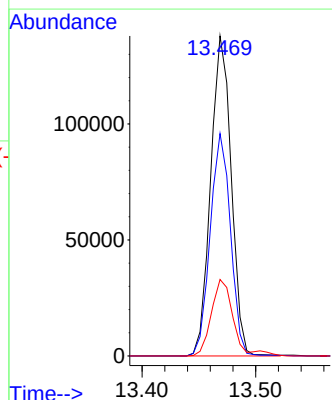
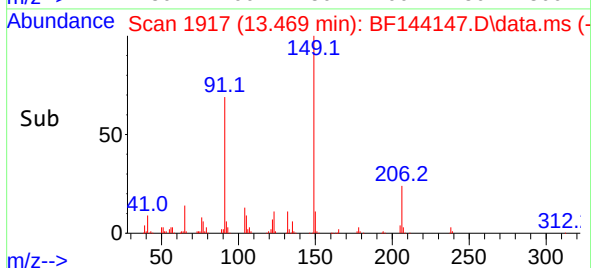
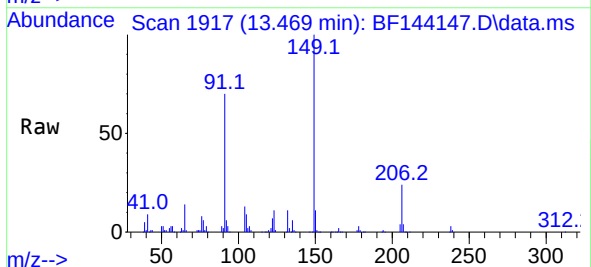
APPROVED

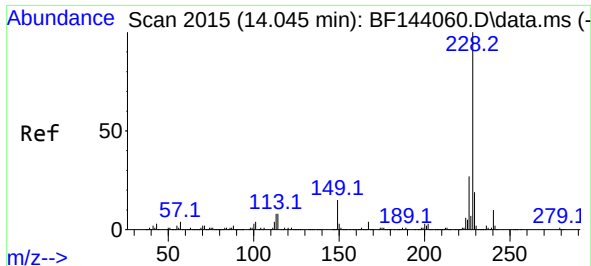
Reviewed By :Rahul Chavli 10/31/2025
 Supervised By :Jagrut Upadhyay 10/31/2025



#80
 Butylbenzylphthalate
 Concen: 34.778 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF144147.D
 Acq: 30 Oct 2025 18:06

Tgt Ion:149 Resp: 173401
 Ion Ratio Lower Upper
 149 100
 91 69.5 56.6 84.8
 206 23.9 18.3 27.5





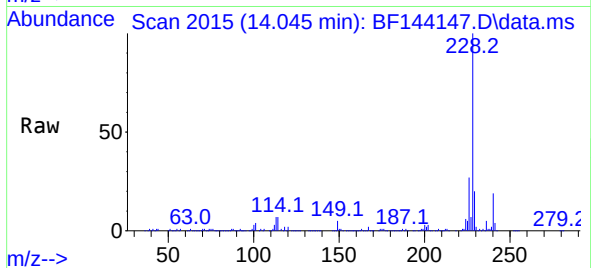
#81
Benzo(a)anthracene
Concen: 33.435 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

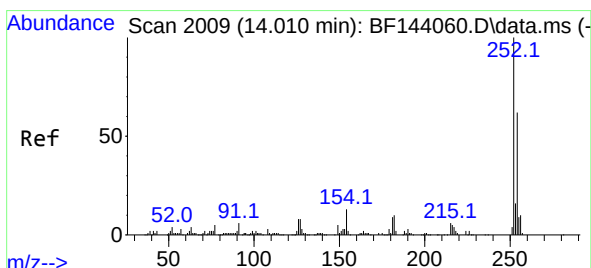
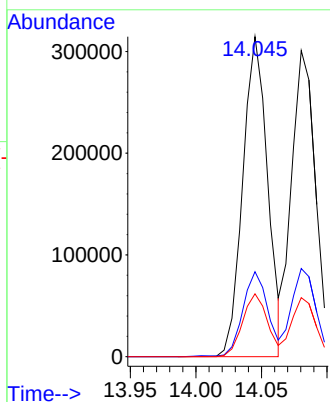
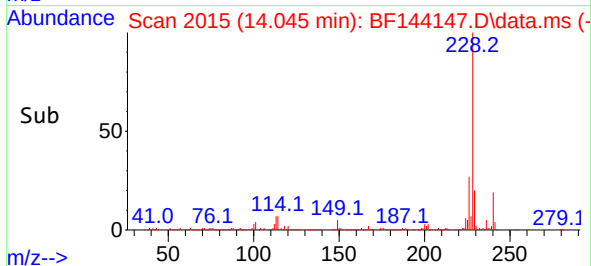


Tgt Ion:228 Resp: 414210
Ion Ratio Lower Upper
228 100
226 26.6 21.4 32.2
229 19.7 15.3 22.9

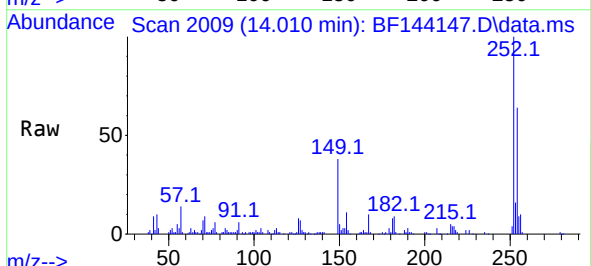
Manual Integrations

APPROVED

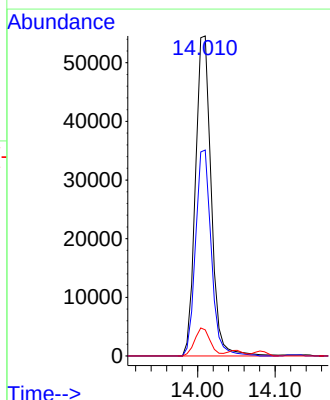
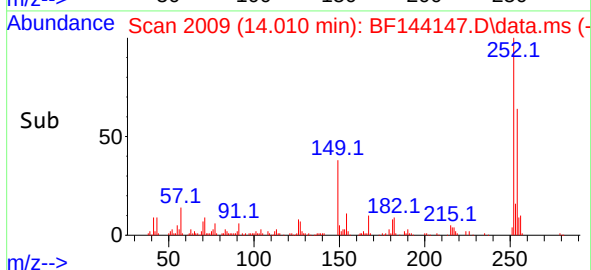
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

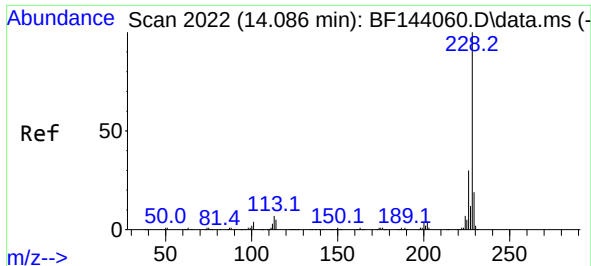


#82
3,3'-Dichlorobenzidine
Concen: 17.853 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



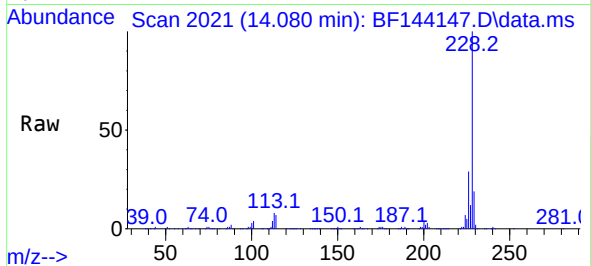
Tgt Ion:252 Resp: 76992
Ion Ratio Lower Upper
252 100
254 64.3 49.9 74.9
126 8.2 6.5 9.7





#83
Chrysene
Concen: 33.019 ng
RT: 14.080 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

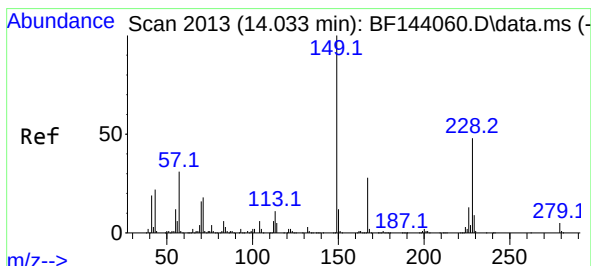
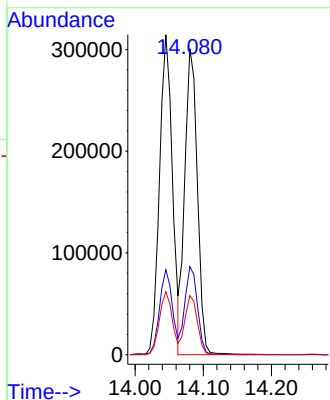
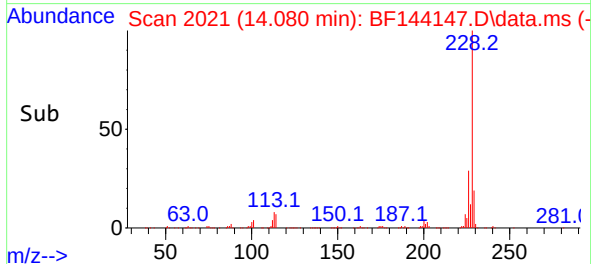
Instrument :
BNA_F
ClientSampleId :
PB170325BS



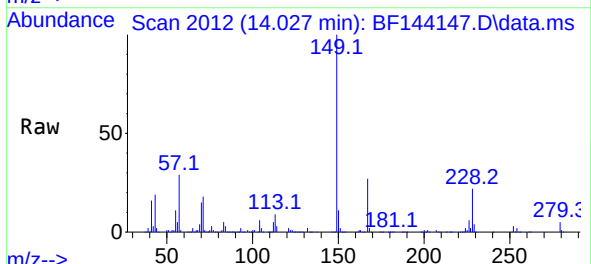
Tgt Ion:228 Resp: 38385
Ion Ratio Lower Upper
228 100
226 28.8 23.8 35.6
229 19.3 15.6 23.4

Manual Integrations
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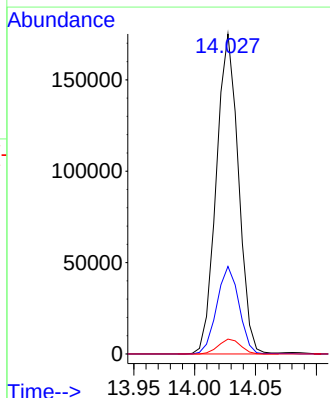
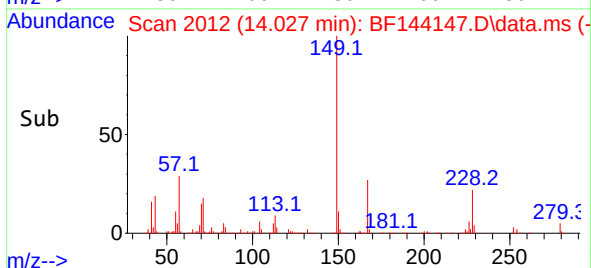
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

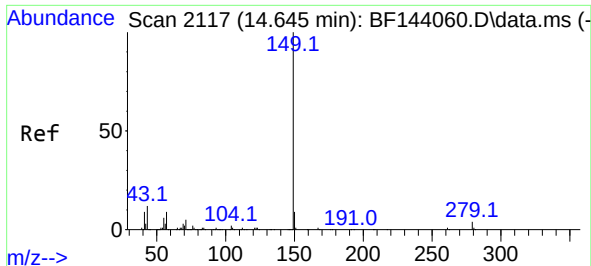


#84
Bis(2-ethylhexyl)phthalate
Concen: 32.533 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



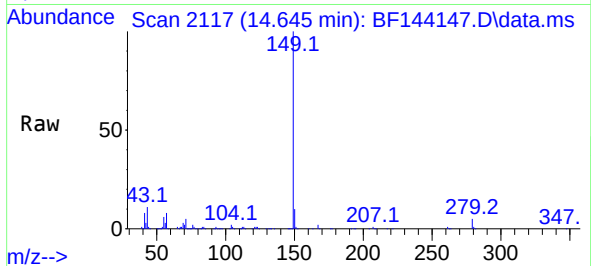
Tgt Ion:149 Resp: 221439
Ion Ratio Lower Upper
149 100
167 27.3 22.5 33.7
279 4.7 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 33.236 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

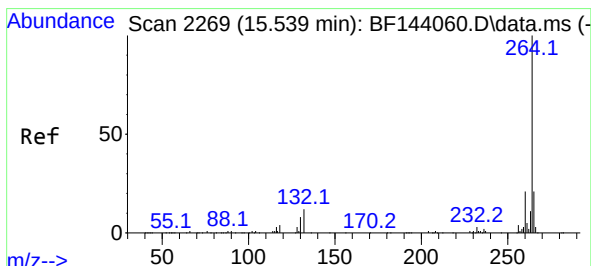
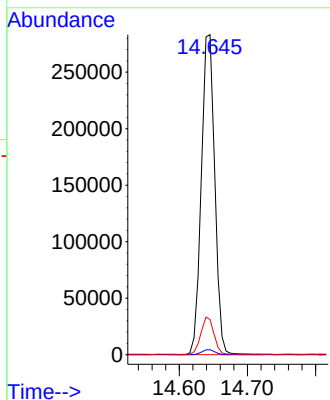
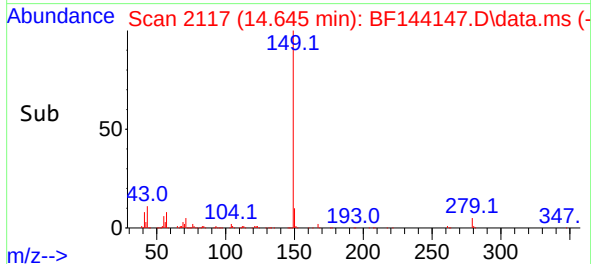
Instrument :
BNA_F
ClientSampleId :
PB170325BS



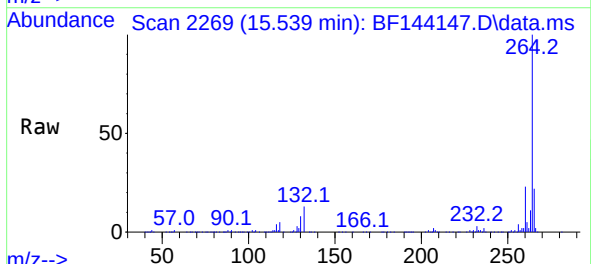
Tgt Ion:149 Resp: 38904
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.3 9.3 13.9

Manual Integrations
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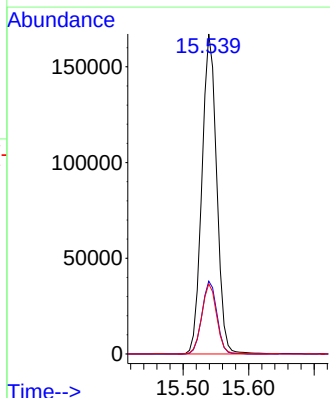
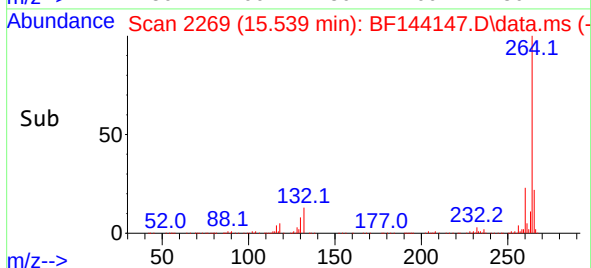
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

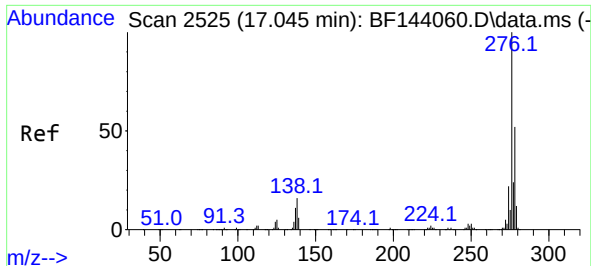


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



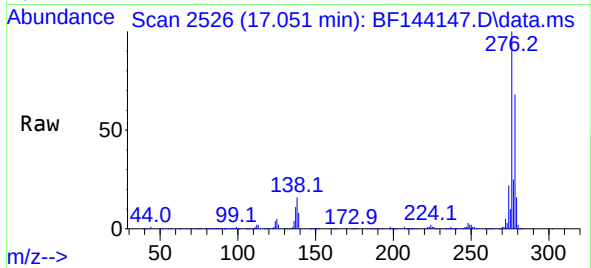
Tgt Ion:264 Resp: 262950
Ion Ratio Lower Upper
264 100
260 22.8 17.0 25.4
265 21.9 16.6 24.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 34.433 ng
RT: 17.051 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

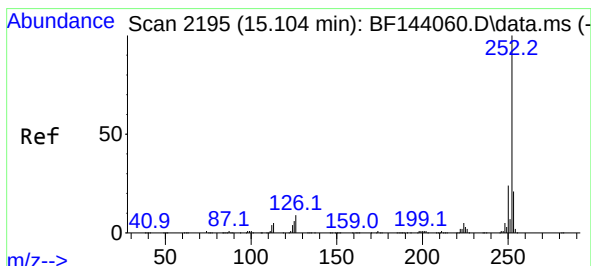
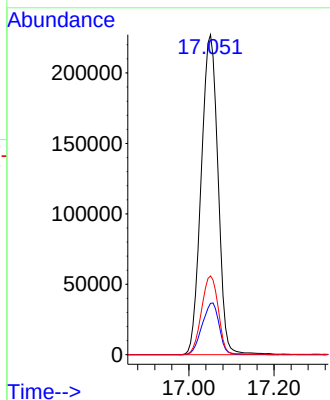
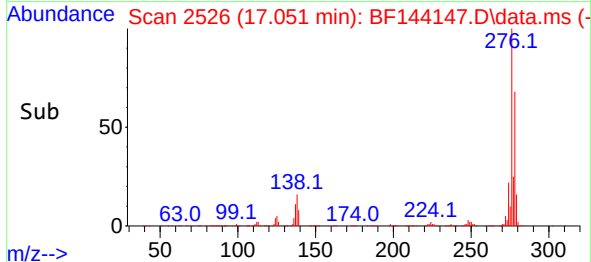
Instrument :
BNA_F
ClientSampleId :
PB170325BS



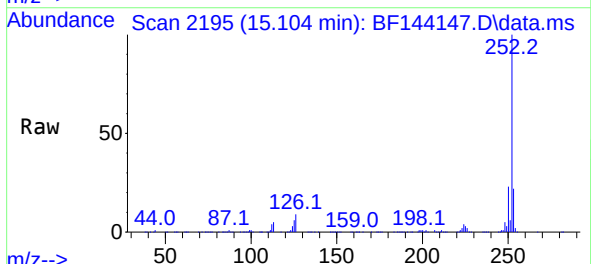
Tgt Ion:276 Resp: 62162
Ion Ratio Lower Upper
276 100
138 16.5 13.0 19.6
277 24.6 19.4 29.0

Manual Integrations
APPROVED

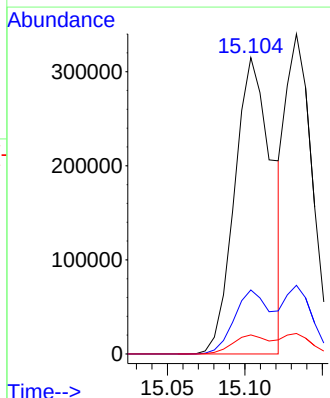
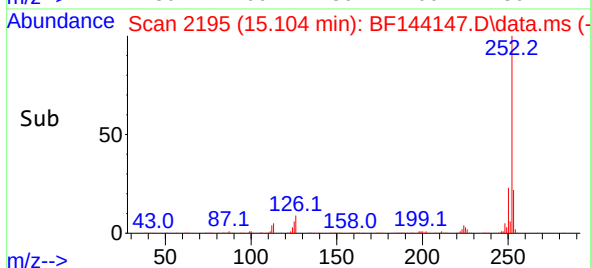
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

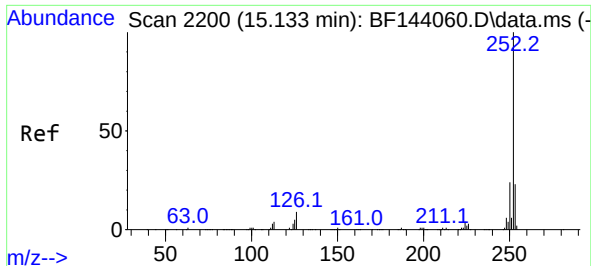


#88
Benzo(b)fluoranthene
Concen: 35.583 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



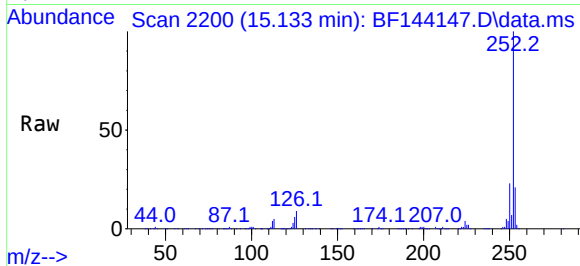
Tgt Ion:252 Resp: 528961
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 6.4 5.0 7.6





#89
Benzo(k)fluoranthene
Concen: 29.670 ng
RT: 15.133 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

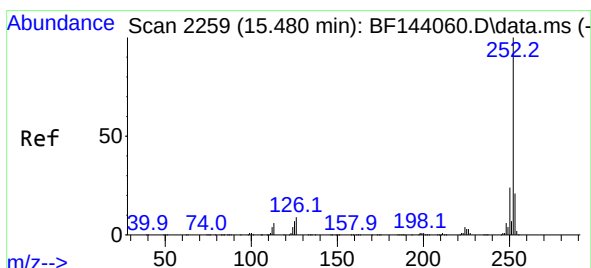
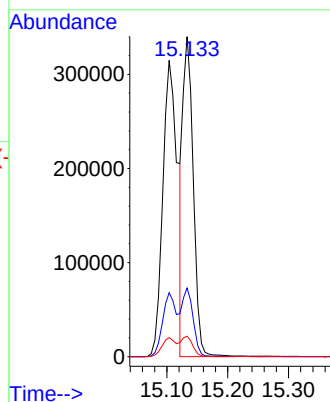
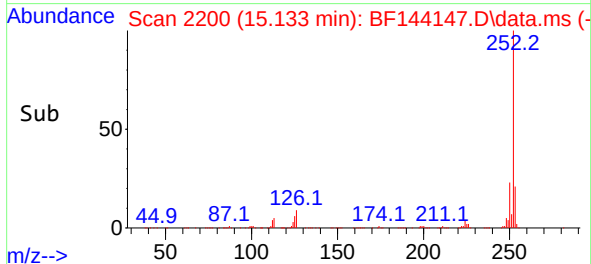
Instrument :
BNA_F
ClientSampleId :
PB170325BS



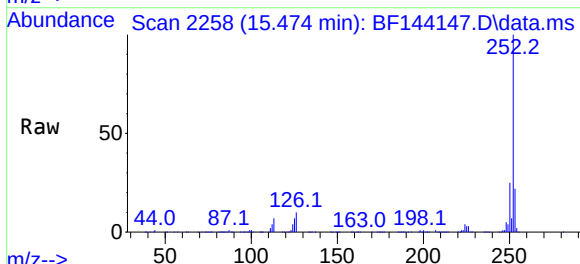
Tgt Ion:252 Resp: 40693
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 6.4 4.9 7.3

Manual Integrations
APPROVED

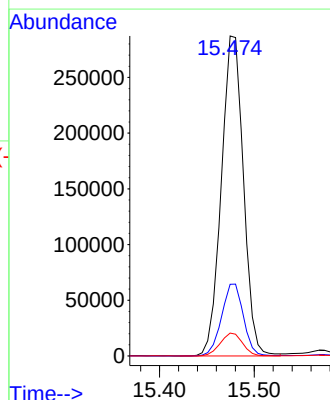
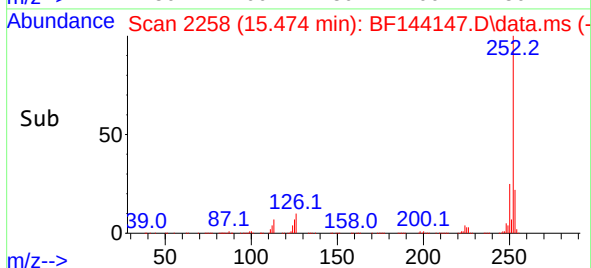
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

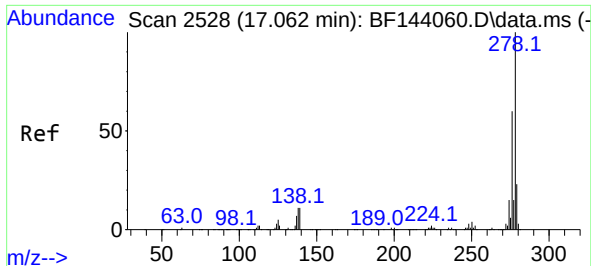


#90
Benzo(a)pyrene
Concen: 35.019 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



Tgt Ion:252 Resp: 467027
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 7.1 5.4 8.2





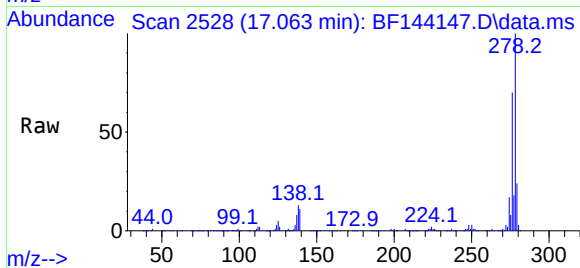
#91
Dibenzo(a,h)anthracene
Concen: 35.361 ng
RT: 17.063 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

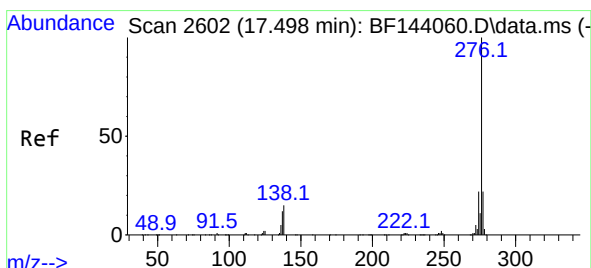
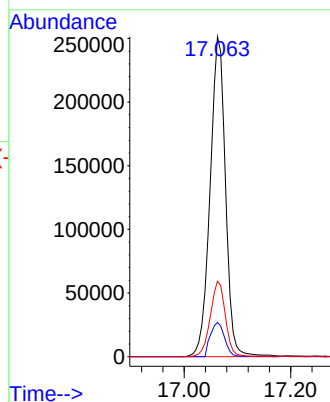
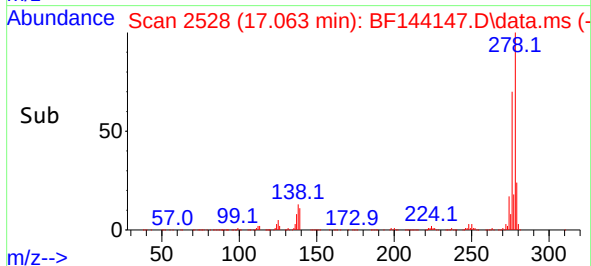


Tgt Ion:278 Resp: 505320
Ion Ratio Lower Upper
278 100
139 10.7 8.5 12.7
279 23.6 18.6 28.0

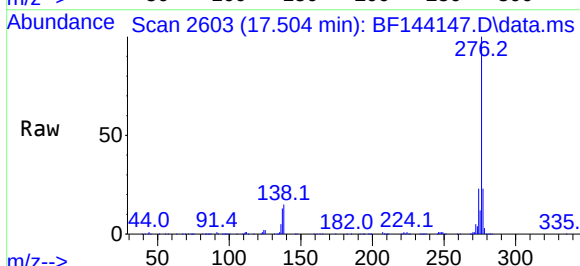
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#92
Benzo(g,h,i)perylene
Concen: 34.924 ng
RT: 17.504 min Scan# 2603
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



Tgt Ion:276 Resp: 501764
Ion Ratio Lower Upper
276 100
277 23.3 17.9 26.9
138 15.1 12.0 18.0

