

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144127.D
 Acq On : 29 Oct 2025 14:33
 Operator : RC/JU
 Sample : Q3427-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 10/30/2025

Quant Time: Oct 29 14:53:51 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	59277	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	229063	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	132788	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	236318	20.000	ng	0.00
76) Chrysene-d12	14.057	240	145719	20.000	ng	0.00
86) Perylene-d12	15.539	264	194108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	494181	131.897	ng	0.02
7) Phenol-d6	6.510	99	528418	127.704	ng	0.00
23) Nitrobenzene-d5	7.445	82	401095	95.934	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	255935	151.310	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	856913	90.811	ng	0.00
79) Terphenyl-d14	12.992	244	855482	102.634	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	63223	39.050	ng	# 76
3) Pyridine	3.516	79	128815	29.719	ng	100
4) n-Nitrosodimethylamine	3.457	42	118968	44.668	ng	92
6) Aniline	6.545	93	61355	10.364	ng	95
8) 2-Chlorophenol	6.663	128	174548	47.306	ng	99
9) Benzaldehyde	6.434	77	7236	2.252	ng	98
10) Phenol	6.528	94	203069	39.779	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	180621	48.965	ng	97
12) 1,3-Dichlorobenzene	6.822	146	201243	44.215	ng	98
13) 1,4-Dichlorobenzene	6.898	146	206250	45.981	ng	98
14) 1,2-Dichlorobenzene	7.045	146	195189	44.973	ng	98
15) Benzyl Alcohol	7.022	79	169666	50.428	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	334193	48.205	ng	94
17) 2-Methylphenol	7.134	107	141762	49.954	ng	98
18) Hexachloroethane	7.392	117	69063	43.065	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	140902	52.658	ng	93
20) 3+4-Methylphenols	7.287	107	164615	49.069	ng	# 73
22) Acetophenone	7.287	105	264741	53.479	ng	97
24) Nitrobenzene	7.463	77	208006	47.030	ng	99
25) Isophorone	7.698	82	374495	51.233	ng	99
26) 2-Nitrophenol	7.775	139	101895	48.429	ng	96
27) 2,4-Dimethylphenol	7.810	122	167563	53.591	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	227803	49.974	ng	99
29) 2,4-Dichlorophenol	8.022	162	179559	49.382	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	181601	48.547	ng	98
31) Naphthalene	8.181	128	502686	46.497	ng	99
32) Benzoic acid	7.945	122	125796	63.428	ng	# 82
33) 4-Chloroaniline	8.234	127	15080	4.007	ng	# 91
34) Hexachlorobutadiene	8.298	225	132182	43.214	ng	97
35) Caprolactam	8.598	113	47527m	52.123	ng	
36) 4-Chloro-3-methylphenol	8.716	107	167327	52.147	ng	96
37) 2-Methylnaphthalene	8.875	142	324013	45.457	ng	99
38) 1-Methylnaphthalene	8.975	142	325313	48.173	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	218705	47.923	ng	100
41) Hexachlorocyclopentadiene	9.028	237	155525	110.337	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	142412	48.009	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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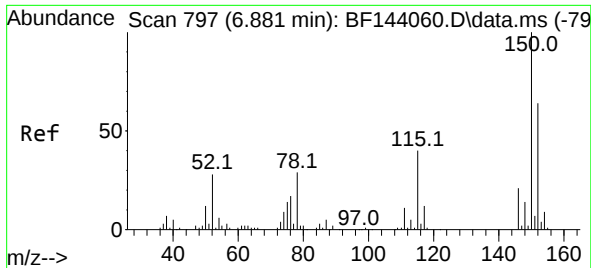
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	156505	50.272	ng	95
46) 1,1'-Biphenyl	9.339	154	483342	50.848	ng	99
47) 2-Chloronaphthalene	9.363	162	366750	46.054	ng	98
48) 2-Nitroaniline	9.463	65	114659	48.487	ng	94
49) Acenaphthylene	9.780	152	573512	53.411	ng	99
50) Dimethylphthalate	9.639	163	460072	52.858	ng	100
51) 2,6-Dinitrotoluene	9.704	165	95603	55.561	ng	91
52) Acenaphthene	9.951	154	367541	51.253	ng	98
53) 3-Nitroaniline	9.875	138	12769	6.675	ng	98
54) 2,4-Dinitrophenol	9.986	184	99111	106.495	ng	94
55) Dibenzofuran	10.128	168	492747	49.495	ng	97
56) 4-Nitrophenol	10.039	139	115546	89.192	ng	93
57) 2,4-Dinitrotoluene	10.110	165	126570	54.501	ng	96
58) Fluorene	10.469	166	374720	49.399	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	123393	56.246	ng	99
60) Diethylphthalate	10.339	149	424395	51.848	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	209744	49.168	ng	98
62) 4-Nitroaniline	10.486	138	76357	42.124	ng	94
63) Azobenzene	10.622	77	389507	50.276	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	76133	50.214	ng	98
66) n-Nitrosodiphenylamine	10.580	169	354837	46.995	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	144960	48.992	ng	99
68) Hexachlorobenzene	11.016	284	168631	46.470	ng	98
69) Atrazine	11.104	200	65513	26.442	ng	98
70) Pentachlorophenol	11.216	266	176284	102.057	ng	97
71) Phenanthrene	11.433	178	554570	47.241	ng	99
72) Anthracene	11.486	178	566042	46.677	ng	99
73) Carbazole	11.639	167	457341	44.308	ng	99
74) Di-n-butylphthalate	11.969	149	610796	48.265	ng	100
75) Fluoranthene	12.621	202	546179	42.112	ng	99
77) Benzidine	12.757	184	12368	2.727	ng	# 81
78) Pyrene	12.857	202	535929	51.157	ng	100
80) Butylbenzylphthalate	13.468	149	214991	54.245	ng	97
81) Benzo(a)anthracene	14.045	228	503316	51.110	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	31500	9.189	ng	98
83) Chrysene	14.080	228	467481	50.587	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	279617	51.679	ng	100
85) Di-n-octyl phthalate	14.639	149	490030	52.664	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	539806	40.506	ng	99
88) Benzo(b)fluoranthene	15.104	252	526302	47.961	ng	99
89) Benzo(k)fluoranthene	15.133	252	537075	53.047	ng	100
90) Benzo(a)pyrene	15.474	252	515620	52.375	ng	100
91) Dibenzo(a,h)anthracene	17.056	278	446846	42.359	ng	99
92) Benzo(g,h,i)perylene	17.498	276	396078	37.345	ng	98

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

Manual Integrations

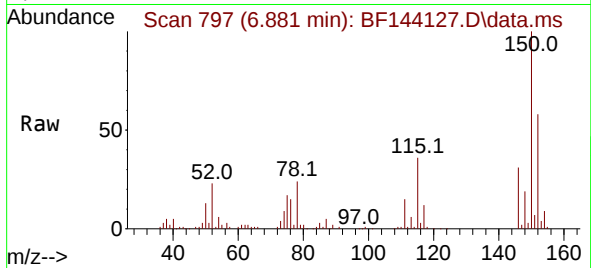
Quant Time: Oct 29 14:53:51 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

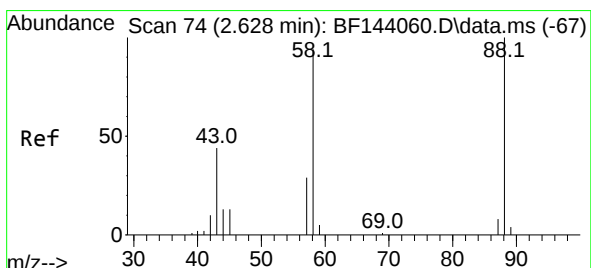
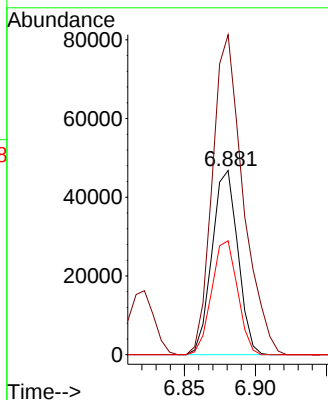
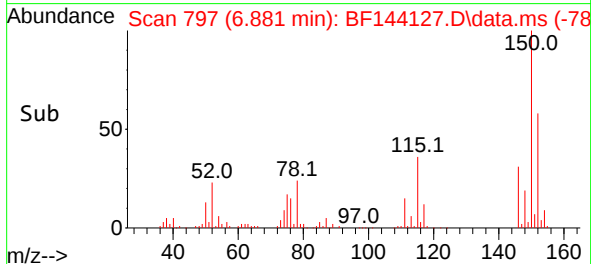
Instrument :
BNA_F
ClientSampleId :
TP-8MS



Tgt Ion:152 Resp: 5927
Ion Ratio Lower Upper
152 100
150 173.8 124.4 186.6
115 61.9 49.4 74.0

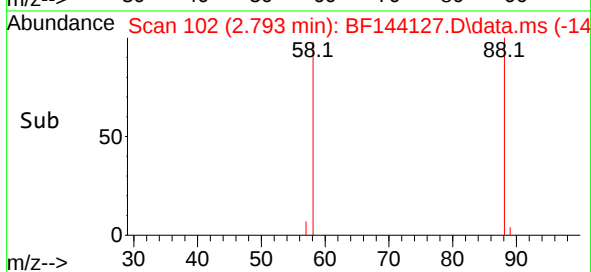
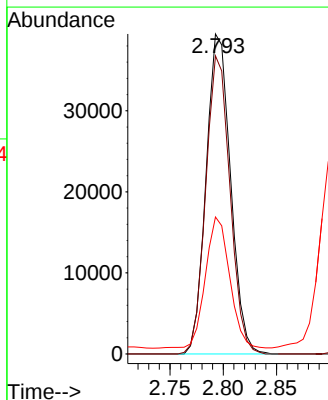
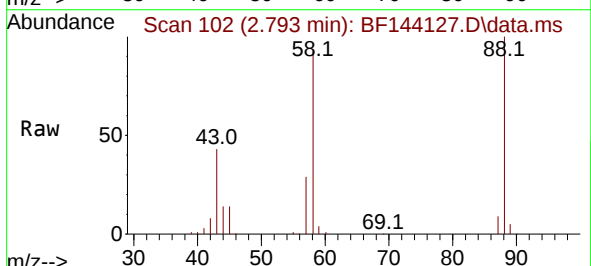
Manual Integrations
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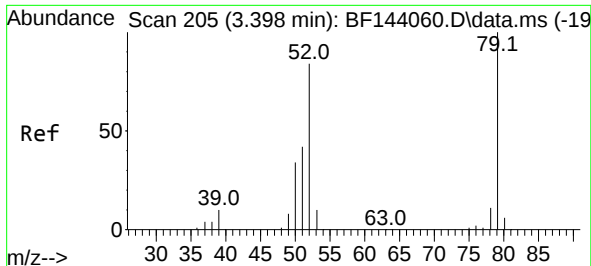
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#2
1,4-Dioxane
Concen: 39.050 ng
RT: 2.793 min Scan# 102
Delta R.T. 0.165 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

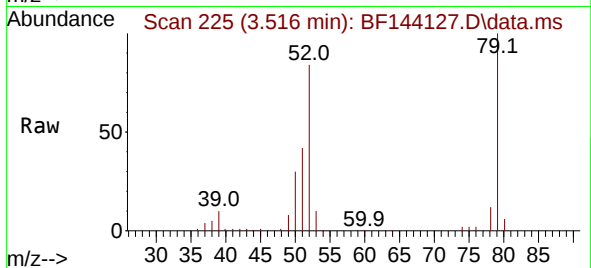
Tgt Ion: 88 Resp: 63223
Ion Ratio Lower Upper
88 100
58 92.1 76.5 114.7
43 0.0 35.3 52.9





#3
Pyridine
Concen: 29.719 ng
RT: 3.516 min Scan# 215
Delta R.T. 0.118 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

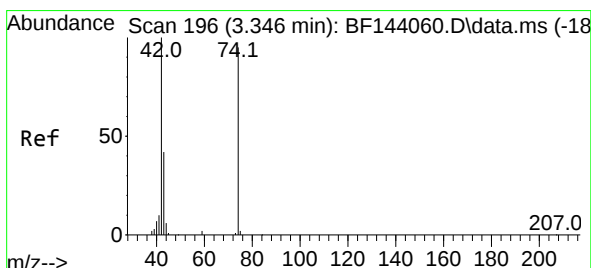
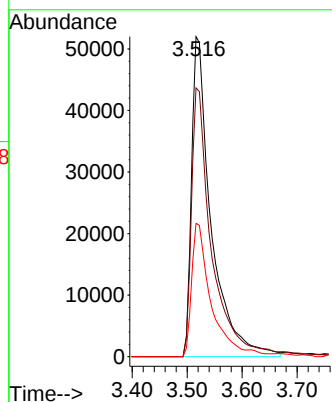
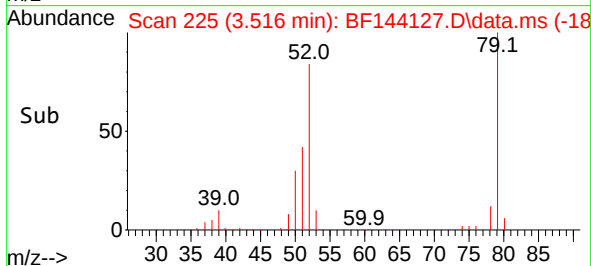
Instrument :
BNA_F
ClientSampleId :
TP-8MS



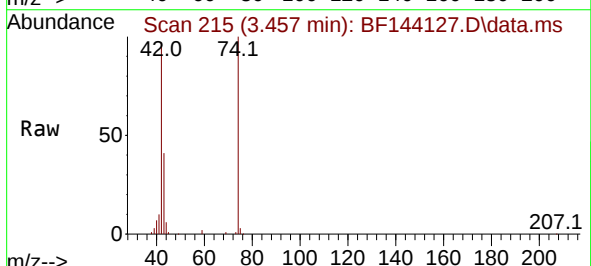
Tgt Ion: 79 Resp: 12881
Ion Ratio Lower Upper
79 100
52 84.0 67.5 101.3
51 41.6 33.6 50.4

Manual Integrations
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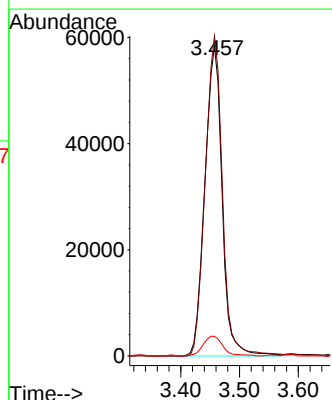
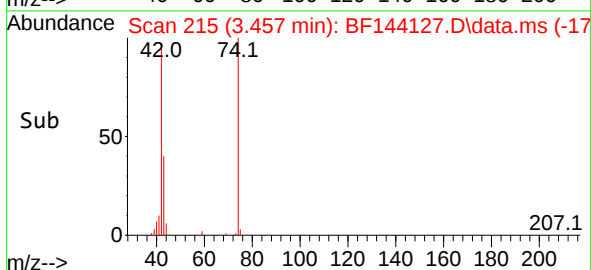
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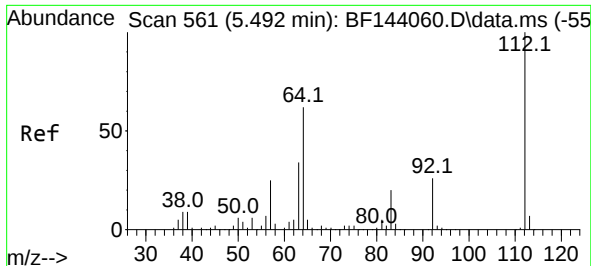


#4
n-Nitrosodimethylamine
Concen: 44.668 ng
RT: 3.457 min Scan# 215
Delta R.T. 0.112 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



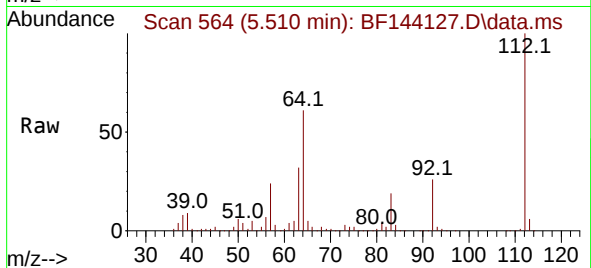
Tgt Ion: 42 Resp: 118968
Ion Ratio Lower Upper
42 100
74 103.3 76.4 114.6
44 6.3 5.2 7.8





#5
2-Fluorophenol
Concen: 131.897 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

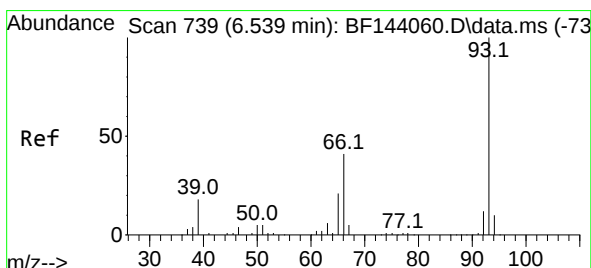
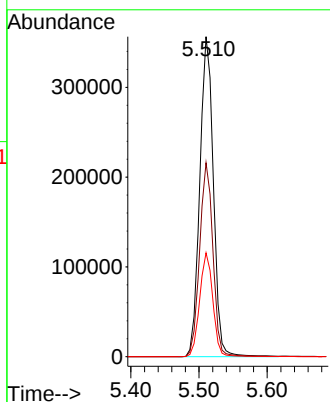
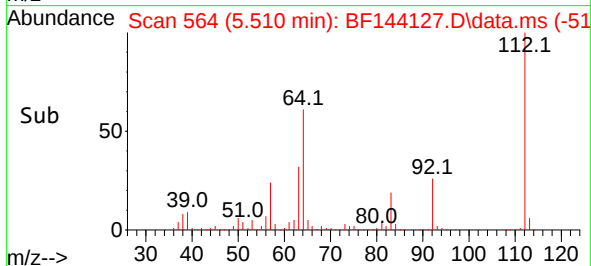
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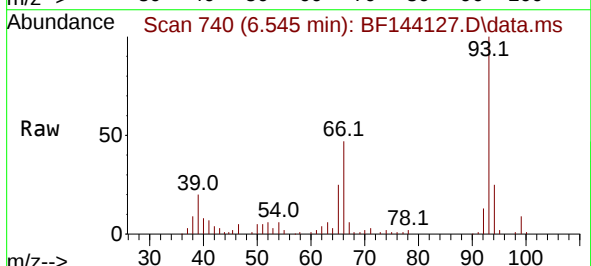
Tgt Ion:112 Resp: 49418
Ion Ratio Lower Upper
112 100
64 60.6 49.8 74.8
63 32.4 27.4 41.2

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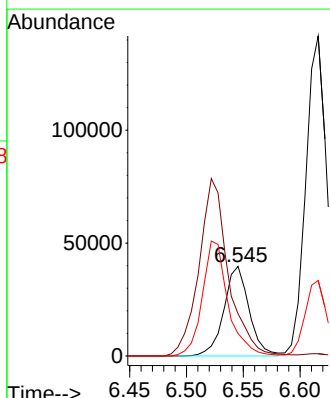
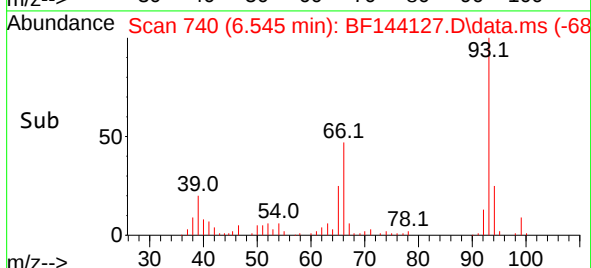
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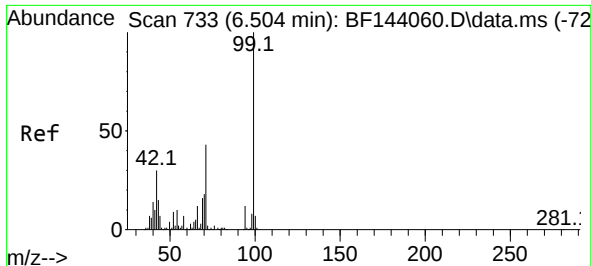


#6
Aniline
Concen: 10.364 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



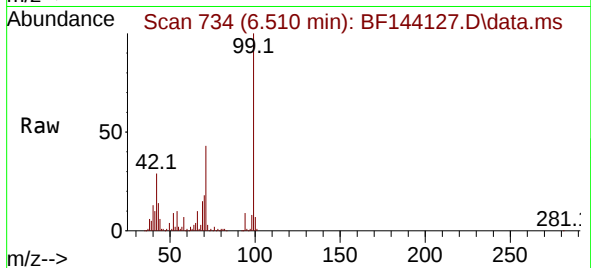
Tgt Ion: 93 Resp: 61355
Ion Ratio Lower Upper
93 100
66 47.1 35.7 53.5
65 24.9 17.0 25.6





#7
Phenol-d6
Concen: 127.704 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

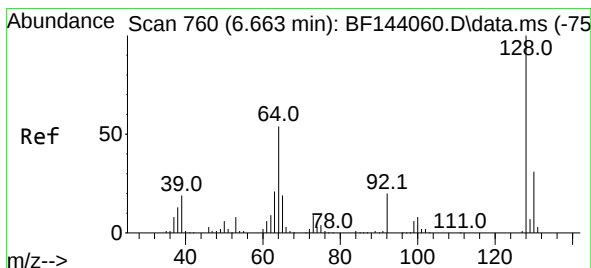
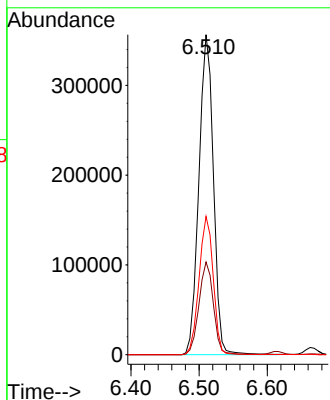
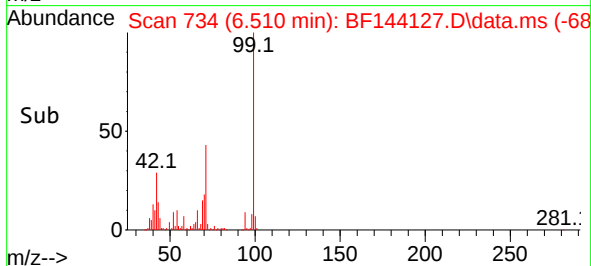
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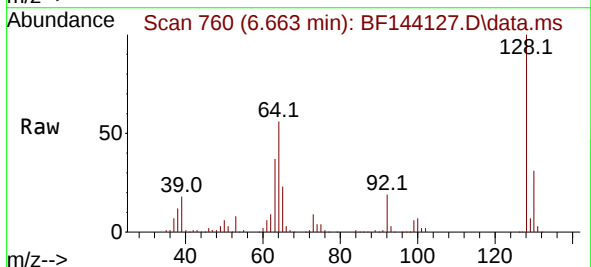
Tgt Ion: 99 Resp: 528418
Ion Ratio Lower Upper
99 100
42 29.0 23.9 35.9
71 43.2 34.4 51.6

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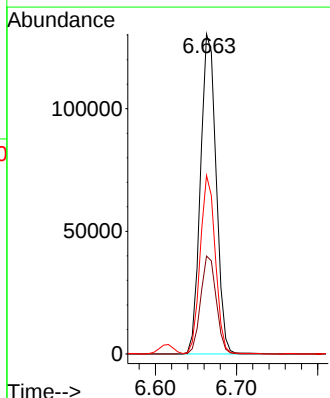
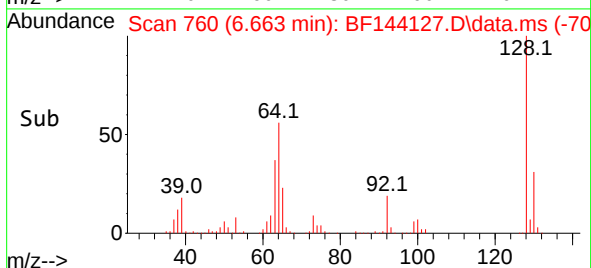
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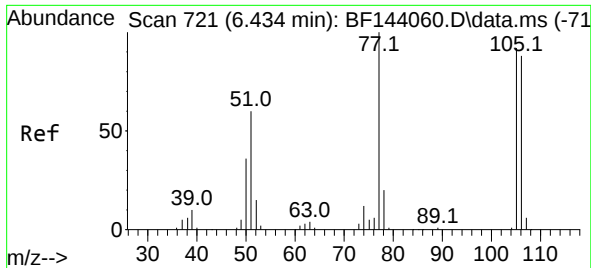


#8
2-Chlorophenol
Concen: 47.306 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



Tgt Ion:128 Resp: 174548
Ion Ratio Lower Upper
128 100
130 30.6 10.7 50.7
64 55.8 34.7 74.7





#9

Benzaldehyde

Concen: 2.252 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

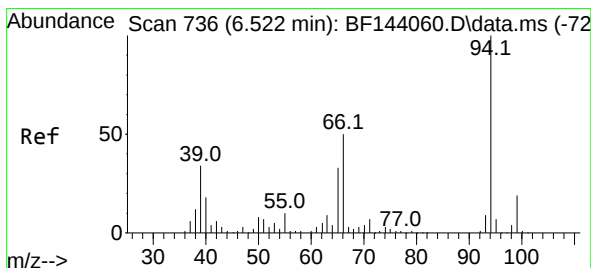
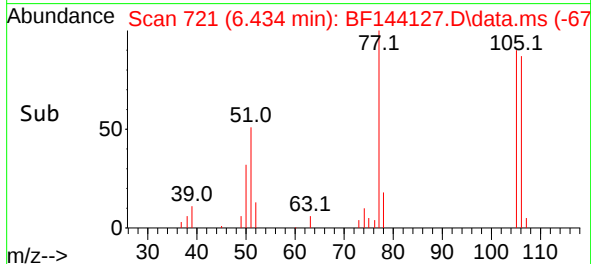
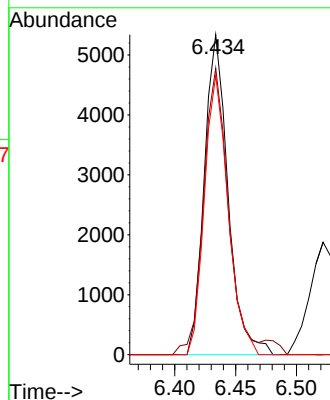
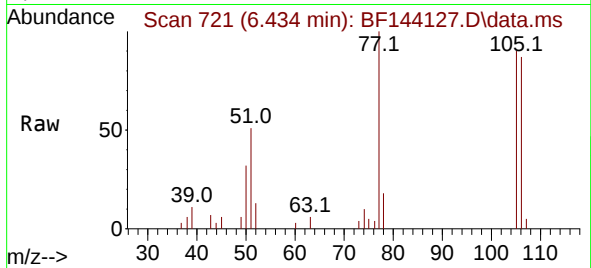
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Ion Ratio	Lower Upper
77 100	
105 89.5	72.2 112.2
106 87.2	67.9 107.9

Manual Integrations

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#10

Phenol

Concen: 39.779 ng

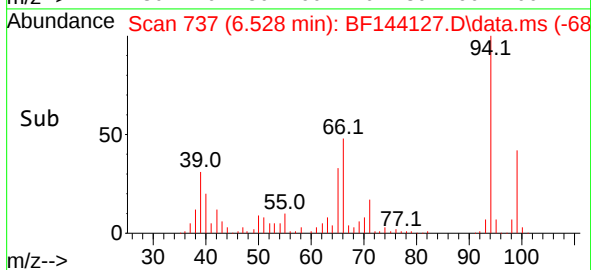
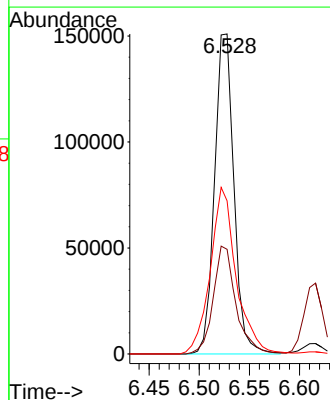
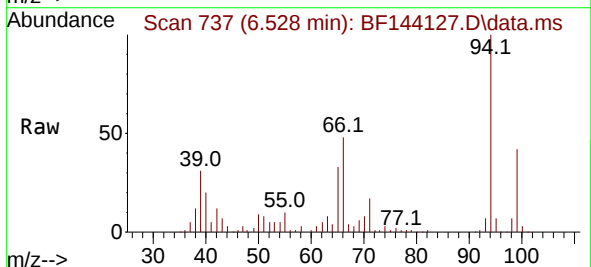
RT: 6.528 min Scan# 737

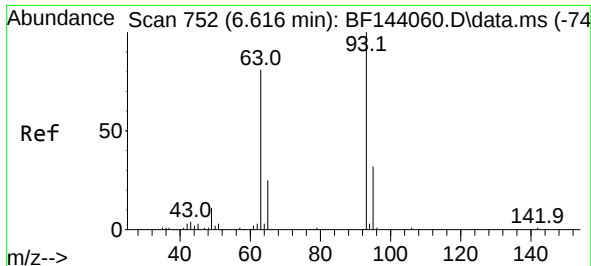
Delta R.T. 0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Tgt Ion: 94	Resp: 203069
Ion Ratio	Lower Upper
94 100	
65 32.7	13.1 53.1
66 47.8	30.6 70.6





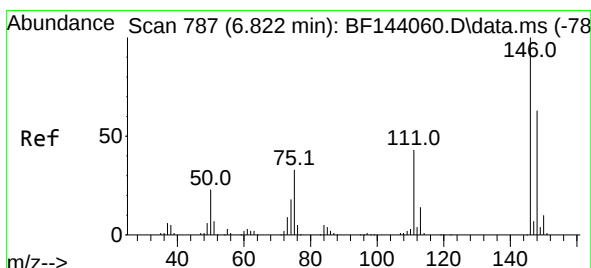
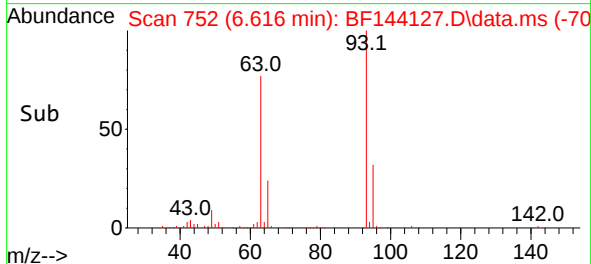
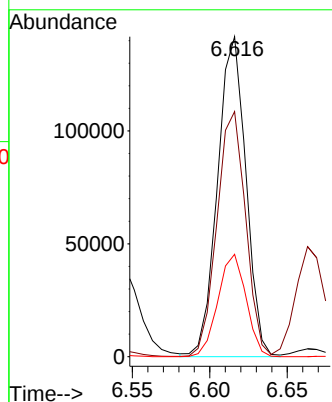
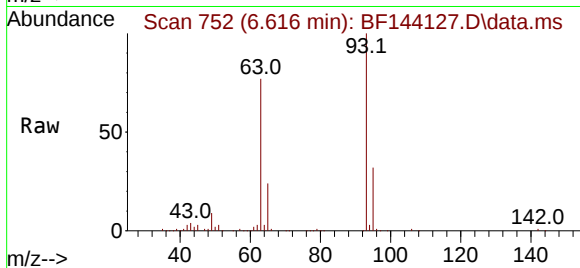
#11
bis(2-Chloroethyl)ether
Concen: 48.965 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tgt Ion: 93 Resp: 18062
Ion Ratio Lower Upper
93 100
63 76.6 60.2 100.2
95 32.0 12.4 52.4

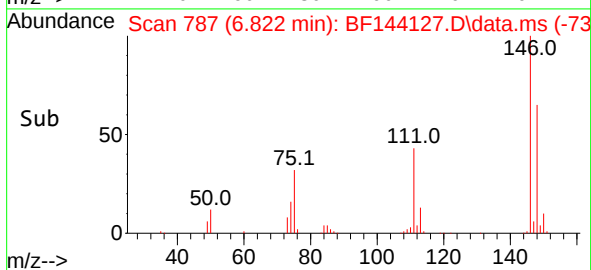
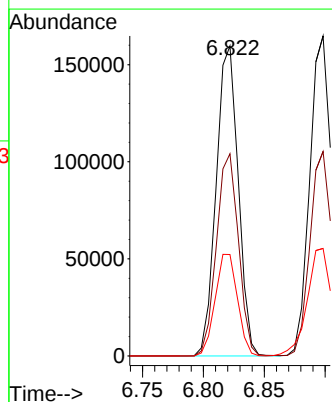
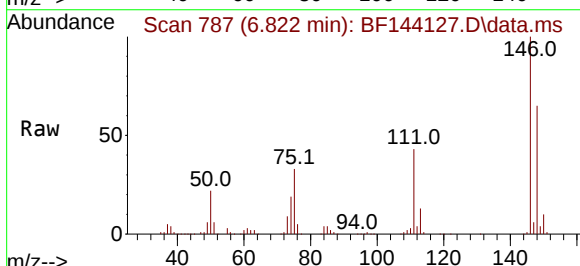
Manual Integrations
APPROVED

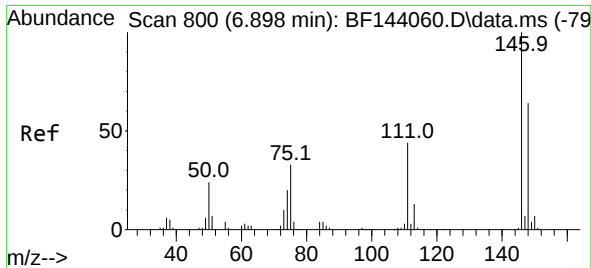
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#12
1,3-Dichlorobenzene
Concen: 44.215 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

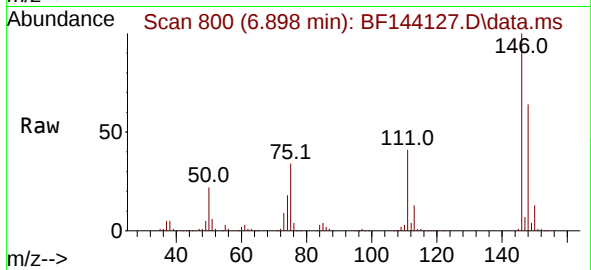
Tgt Ion:146 Resp: 201243
Ion Ratio Lower Upper
146 100
148 65.2 50.6 75.8
75 32.7 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 45.981 ng
RT: 6.898 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

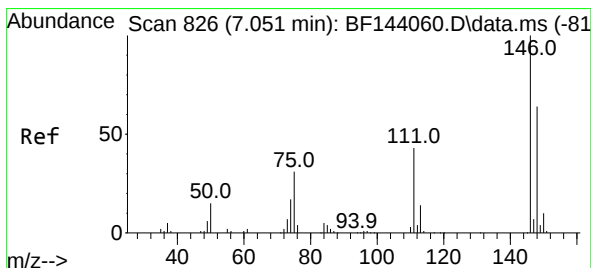
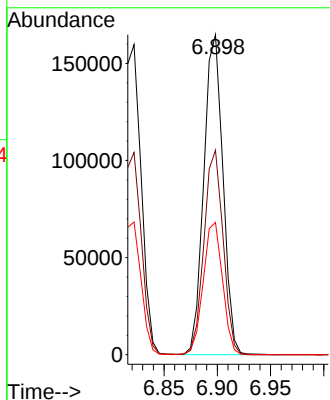
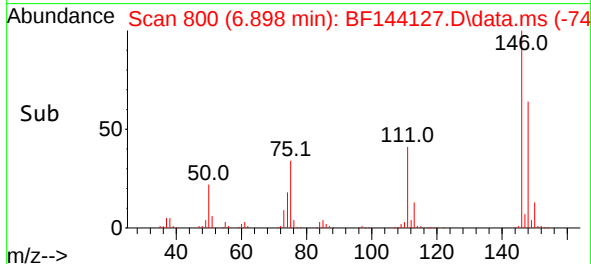
Instrument :
BNA_F
ClientSampleId :
TP-8MS



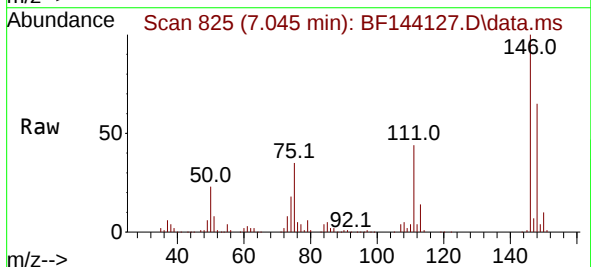
Tgt Ion:146 Resp: 206250
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 41.3 35.0 52.6

Manual Integrations
APPROVED

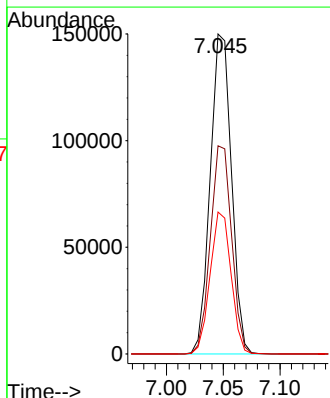
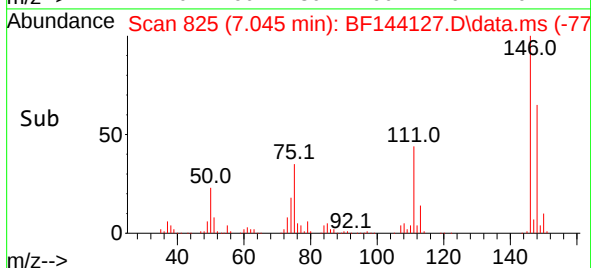
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

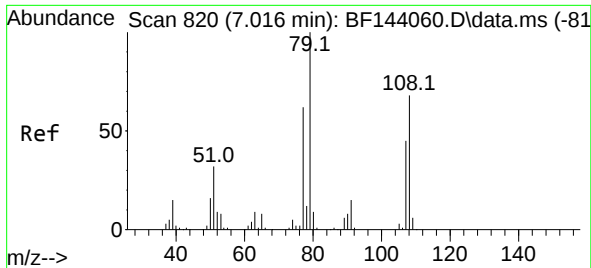


#14
1,2-Dichlorobenzene
Concen: 44.973 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



Tgt Ion:146 Resp: 195189
Ion Ratio Lower Upper
146 100
148 65.1 50.8 76.2
111 44.3 34.7 52.1





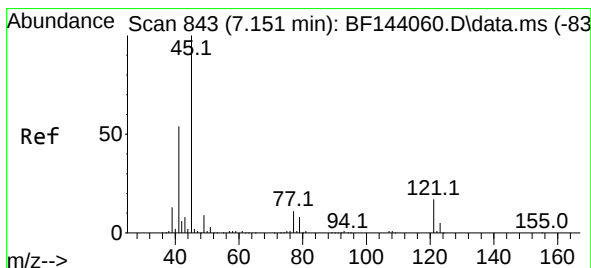
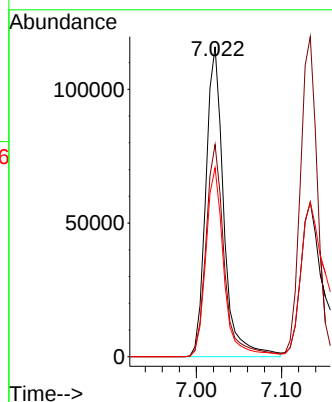
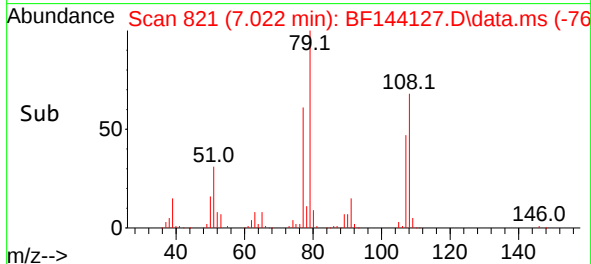
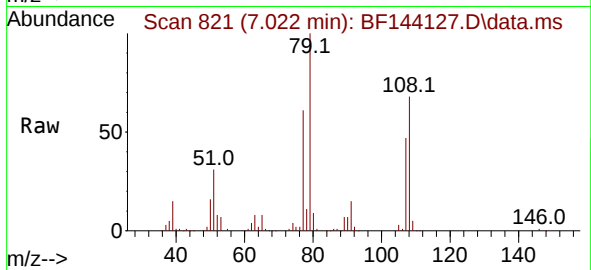
#15
Benzyl Alcohol
Concen: 50.428 ng
RT: 7.022 min Scan# 820
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tgt Ion: 79 Resp: 169660
Ion Ratio Lower Upper
79 100
108 68.4 54.8 82.2
77 61.0 49.4 74.0

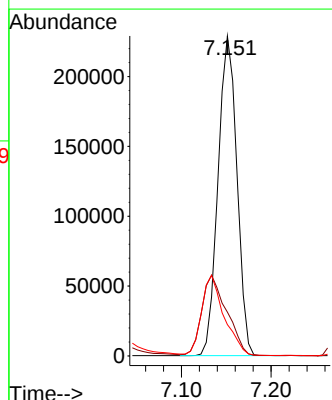
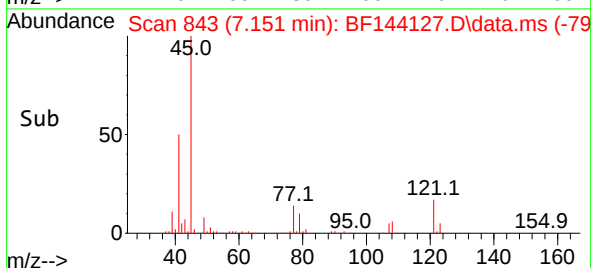
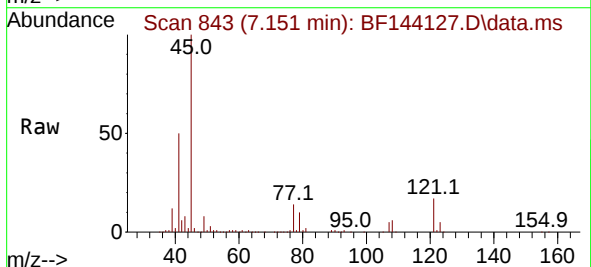
Manual Integrations
APPROVED

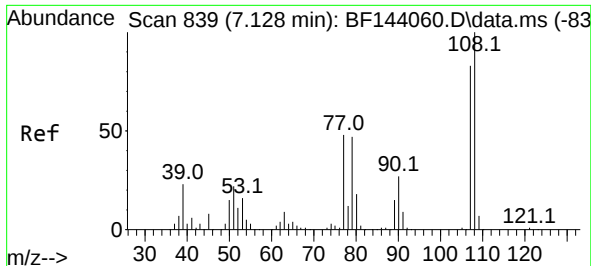
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.205 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

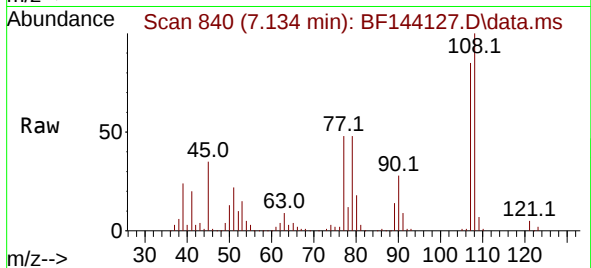
Tgt Ion: 45 Resp: 334193
Ion Ratio Lower Upper
45 100
77 13.7 0.0 30.9
79 9.8 0.0 28.2





#17
2-Methylphenol
Concen: 49.954 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

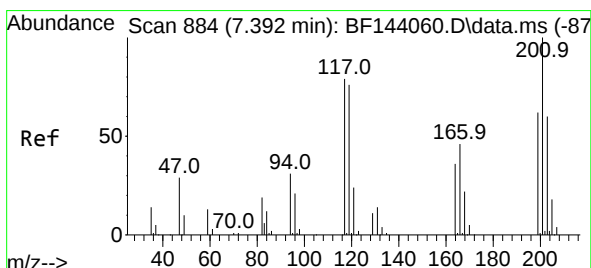
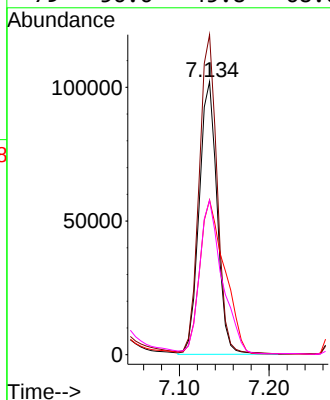
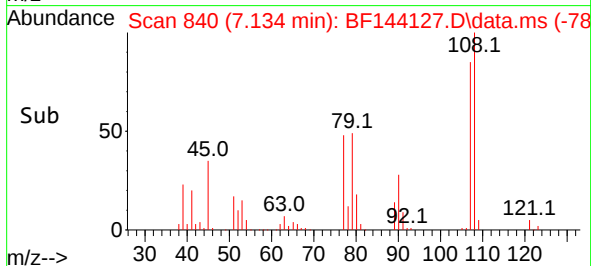
Instrument :
BNA_F
ClientSampleId :
TP-8MS



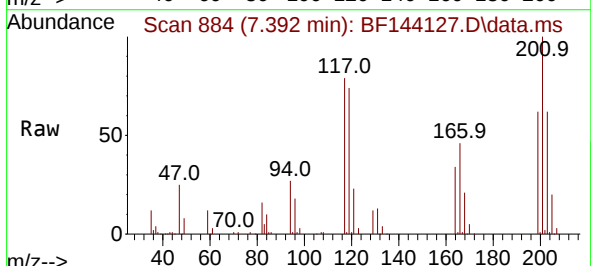
Tgt Ion:107 Resp: 141762
Ion Ratio Lower Upper
107 100
108 117.2 96.4 144.6
77 56.7 46.8 70.2
79 56.6 45.8 68.6

Manual Integrations
APPROVED

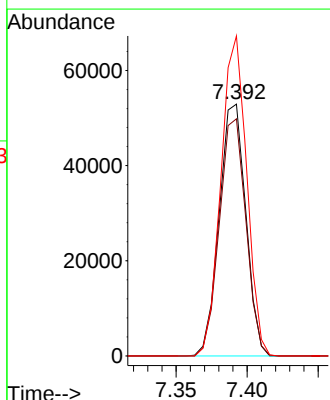
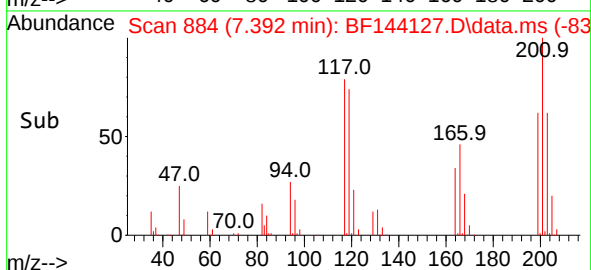
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

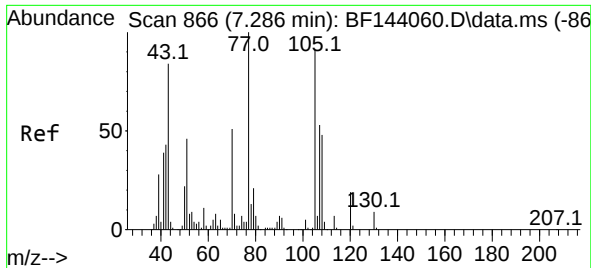


#18
Hexachloroethane
Concen: 43.065 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



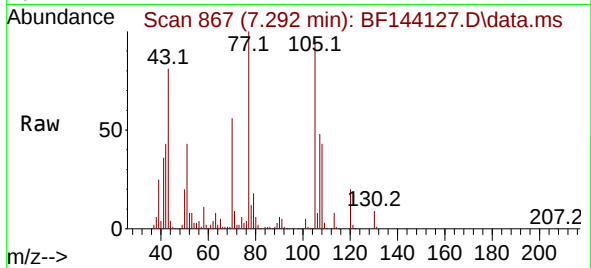
Tgt Ion:117 Resp: 69063
Ion Ratio Lower Upper
117 100
119 94.2 76.6 115.0
201 127.1 100.9 151.3





#19
n-Nitroso-di-n-propylamine
Concen: 52.658 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

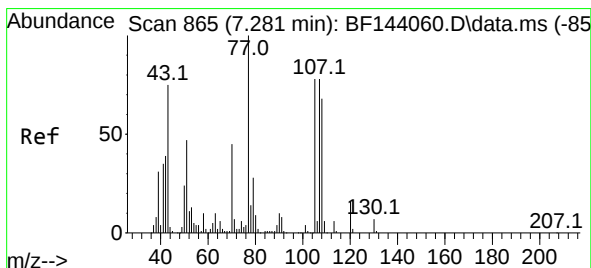
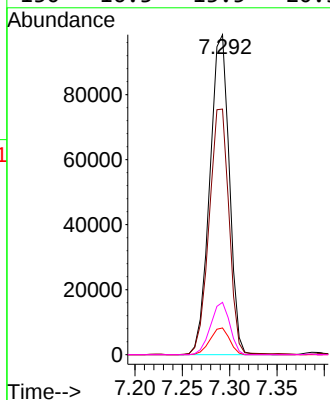
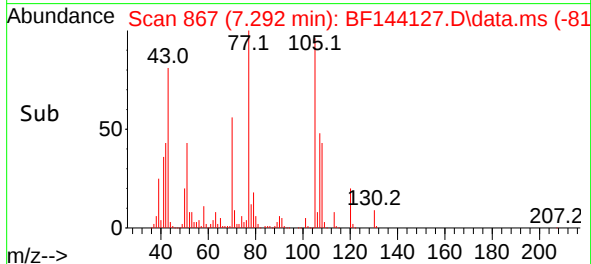
Instrument :
BNA_F
ClientSampleId :
TP-8MS



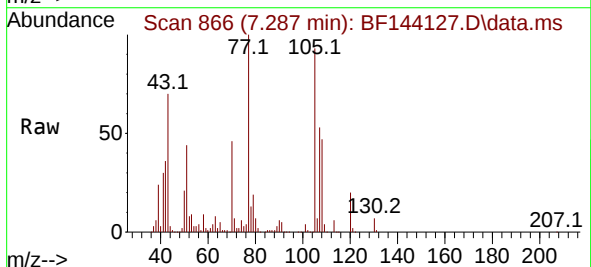
Tgt Ion: 70 Resp: 14090
Ion Ratio Lower Upper
70 100
42 76.8 67.4 101.0
101 8.3 7.1 10.7
130 16.3 13.5 20.3

Manual Integrations
APPROVED

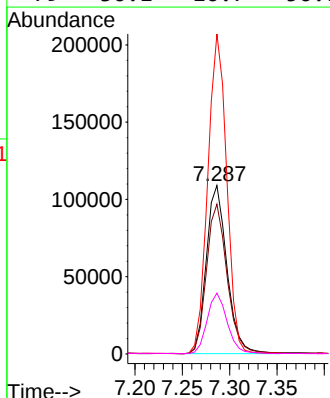
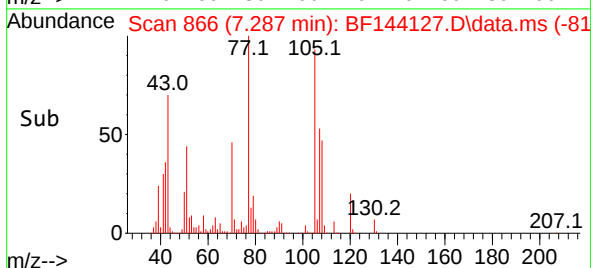
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

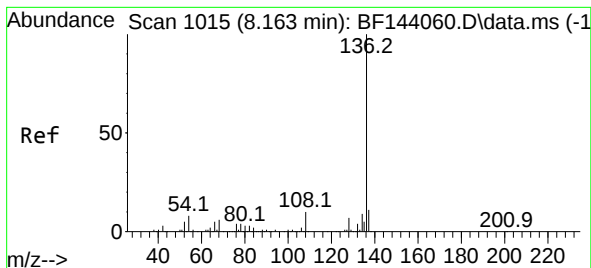


#20
3+4-Methylphenols
Concen: 49.069 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



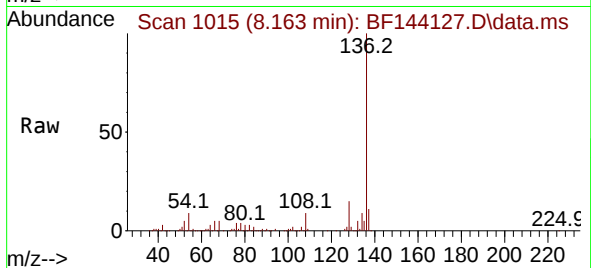
Tgt Ion:107 Resp: 164615
Ion Ratio Lower Upper
107 100
108 88.9 68.0 108.0
77 189.9 108.7 148.7#
79 36.1 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

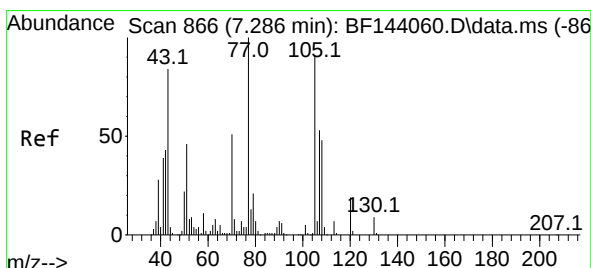
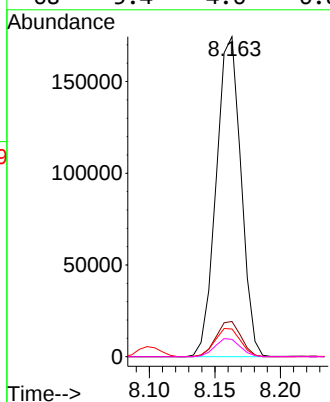
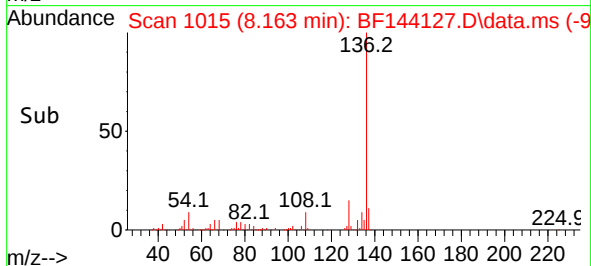
Instrument :
BNA_F
ClientSampleId :
TP-8MS



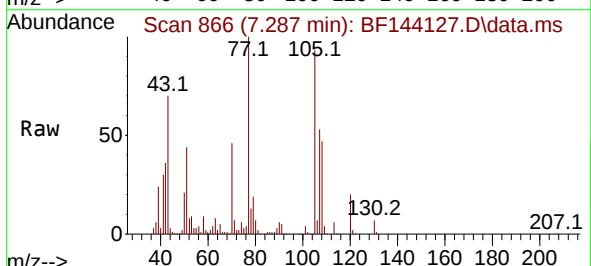
Tgt Ion:136 Resp: 229063
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 6.6 9.8
68 5.4 4.6 6.8

Manual Integrations
APPROVED

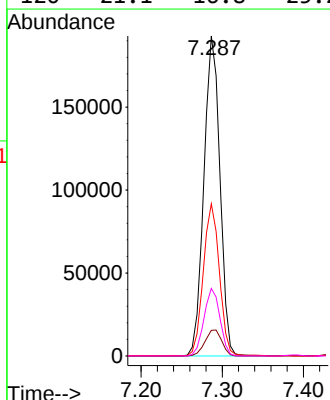
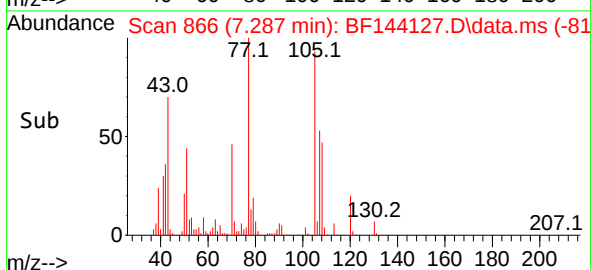
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

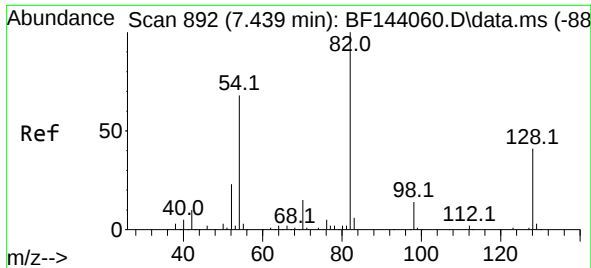


#22
Acetophenone
Concen: 53.479 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



Tgt Ion:105 Resp: 264741
Ion Ratio Lower Upper
105 100
71 8.0 6.9 10.3
51 47.6 40.6 60.8
120 21.1 16.8 25.2





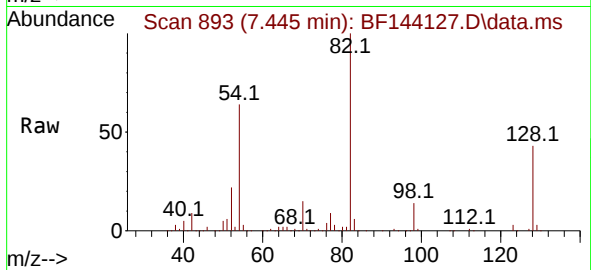
#23
Nitrobenzene-d5
Concen: 95.934 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

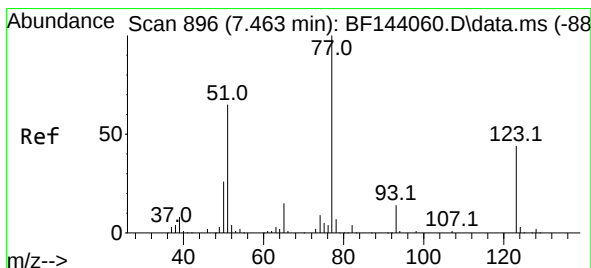
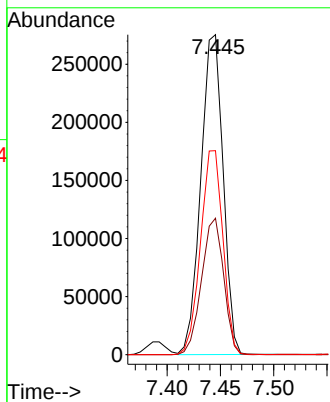
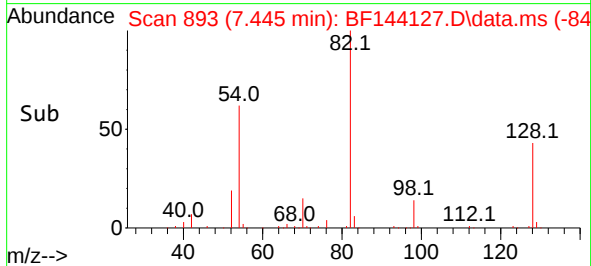


Tgt Ion: 82 Resp: 401095
Ion Ratio Lower Upper
82 100
128 42.6 32.4 48.6
54 63.8 54.0 81.0

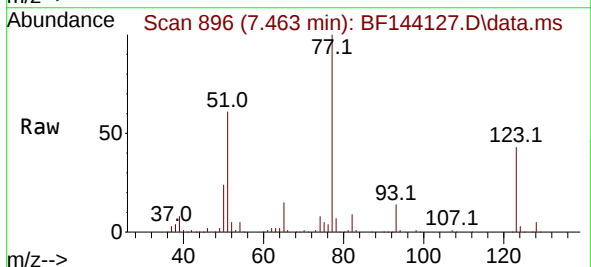
Manual Integrations

APPROVED

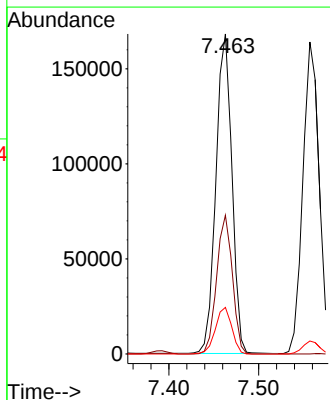
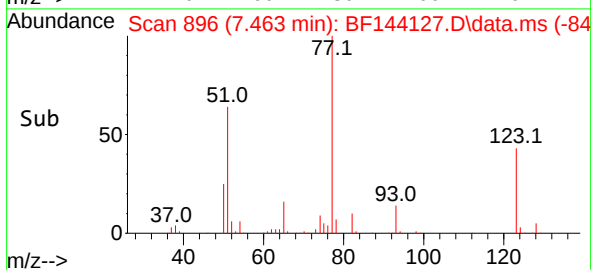
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

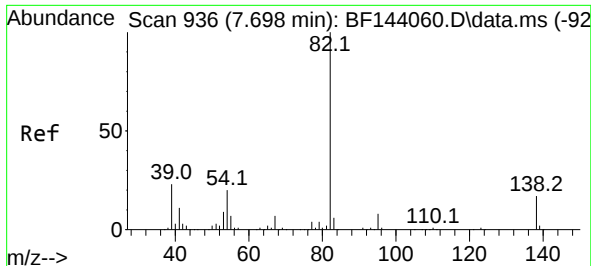


#24
Nitrobenzene
Concen: 47.030 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



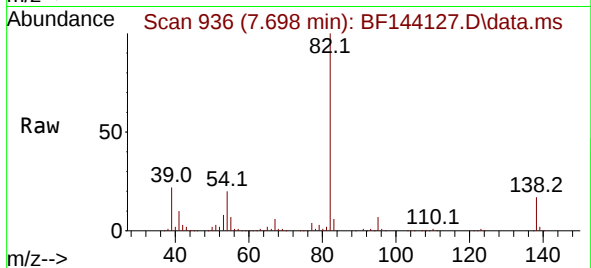
Tgt Ion: 77 Resp: 208006
Ion Ratio Lower Upper
77 100
123 43.3 35.0 52.6
65 14.6 12.2 18.2





#25
Isophorone
Concen: 51.233 ng
RT: 7.698 min Scan# 936
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

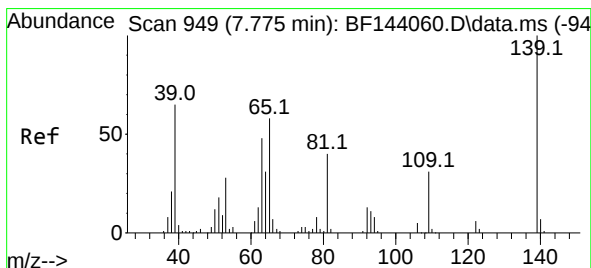
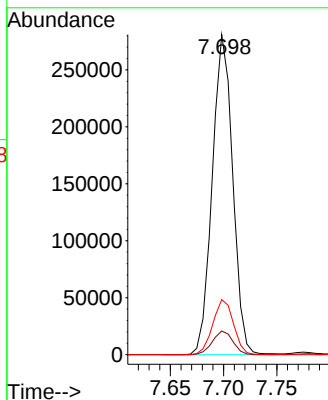
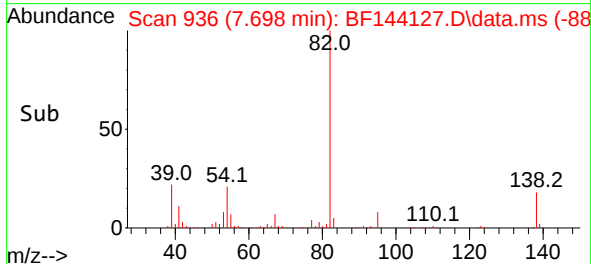
Instrument :
BNA_F
ClientSampleId :
TP-8MS



Tgt Ion: 82 Resp: 37449
Ion Ratio Lower Upper
82 100
95 7.4 6.6 9.8
138 17.2 13.8 20.8

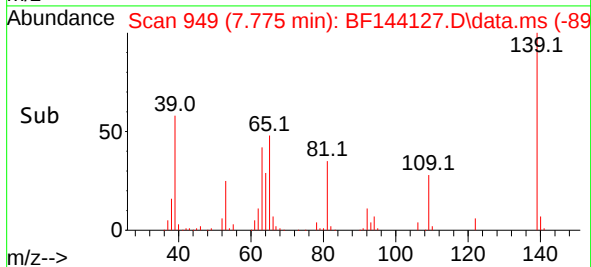
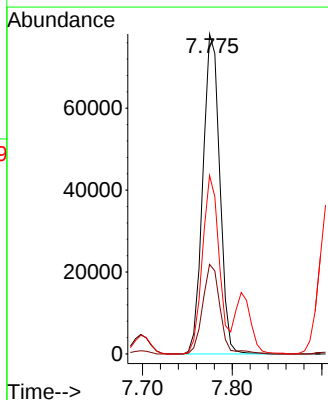
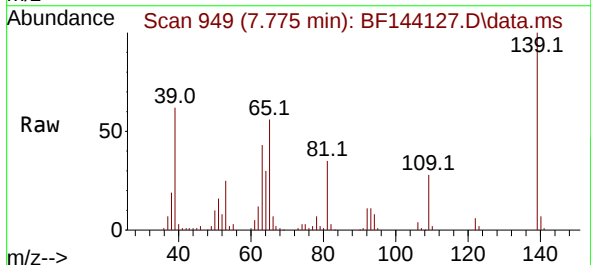
Manual Integrations
APPROVED

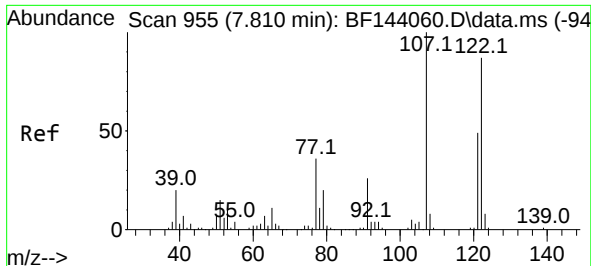
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#26
2-Nitrophenol
Concen: 48.429 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Tgt Ion:139 Resp: 101895
Ion Ratio Lower Upper
139 100
109 28.0 24.6 37.0
65 55.8 46.6 69.8





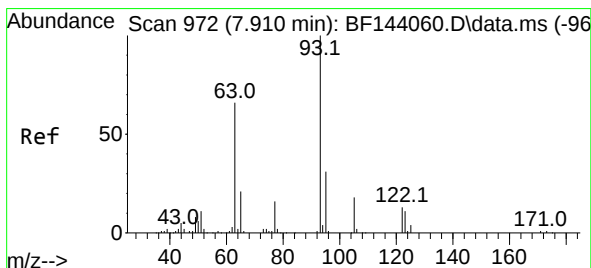
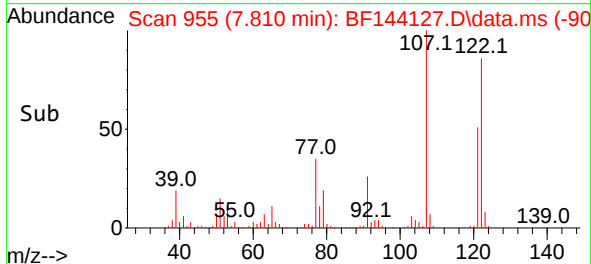
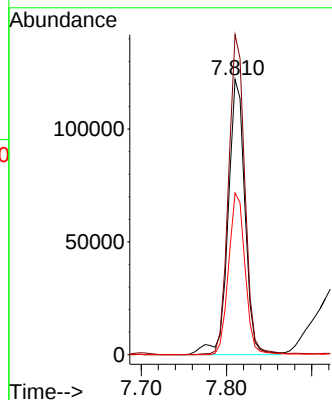
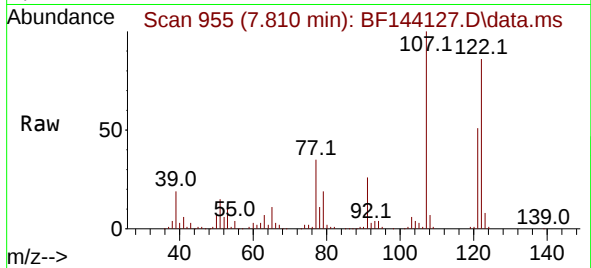
#27
2,4-Dimethylphenol
Concen: 53.591 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tgt Ion:122 Resp: 16756
Ion Ratio Lower Upper
122 100
107 116.3 91.8 137.8
121 58.8 45.2 67.8

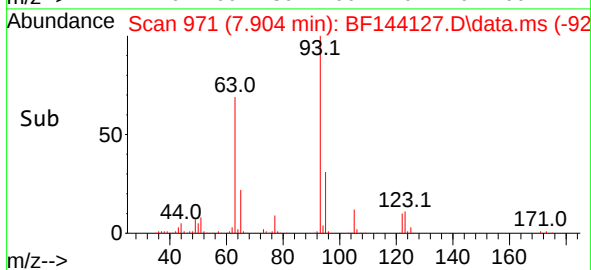
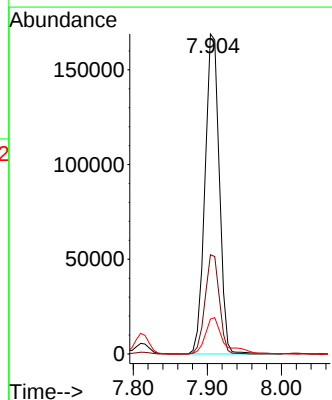
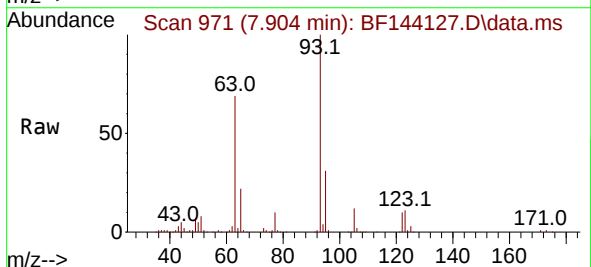
Manual Integrations
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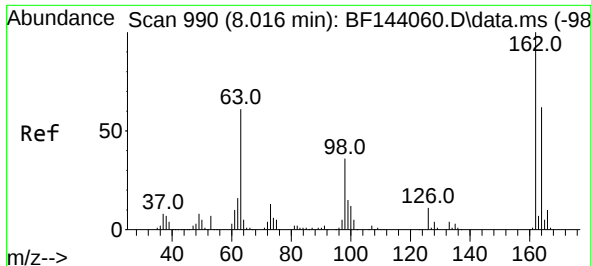
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#28
bis(2-Chloroethoxy)methane
Concen: 49.974 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Tgt Ion: 93 Resp: 227803
Ion Ratio Lower Upper
93 100
95 31.0 24.6 36.8
123 10.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 49.382 ng

RT: 8.022 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

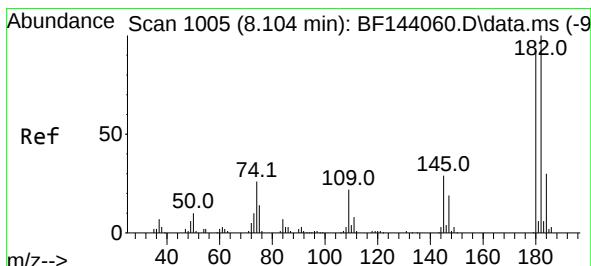
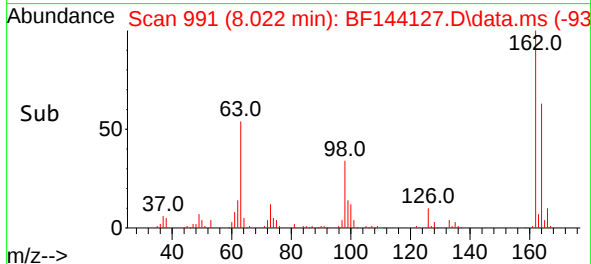
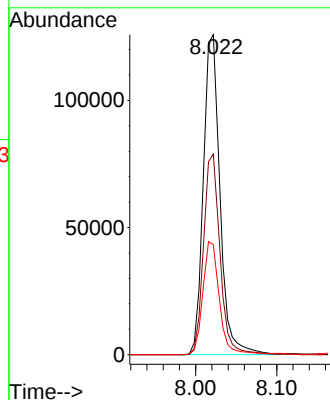
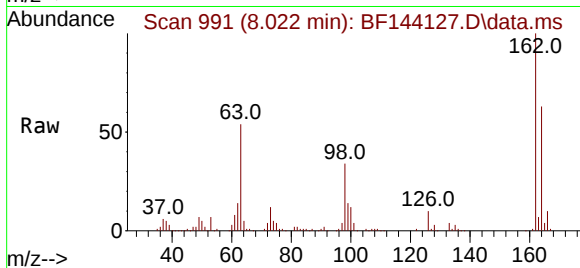
Tgt Ion:162 Resp: 179559
 Ion Ratio Lower Upper
 162 100
 164 62.7 42.1 82.1
 98 34.4 16.0 56.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#30

1,2,4-Trichlorobenzene

Concen: 48.547 ng

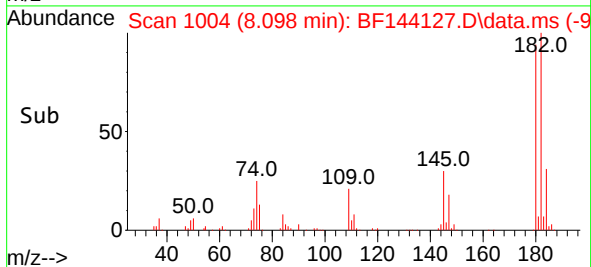
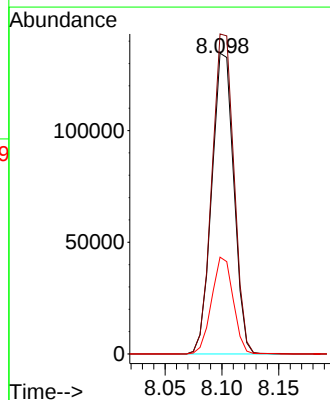
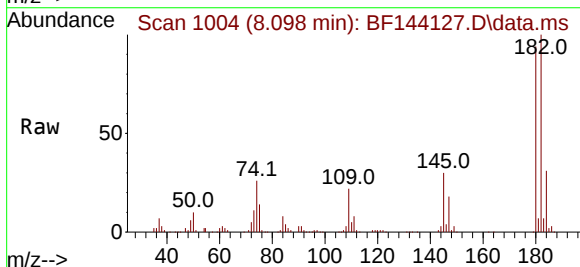
RT: 8.098 min Scan# 1004

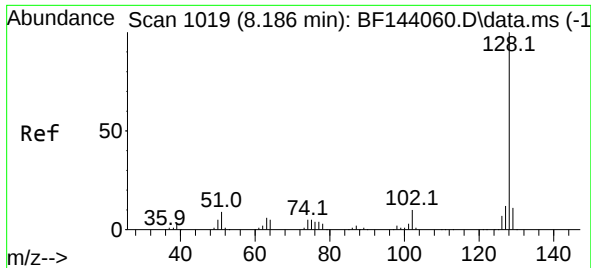
Delta R.T. -0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Tgt Ion:180 Resp: 181601
 Ion Ratio Lower Upper
 180 100
 182 106.4 87.1 130.7
 145 32.2 25.3 37.9





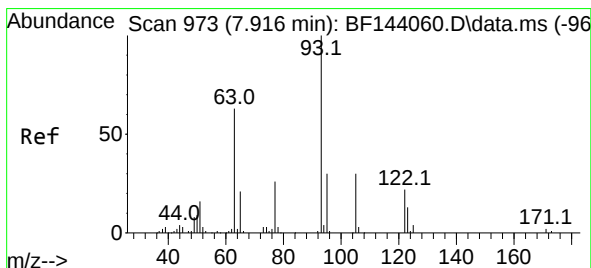
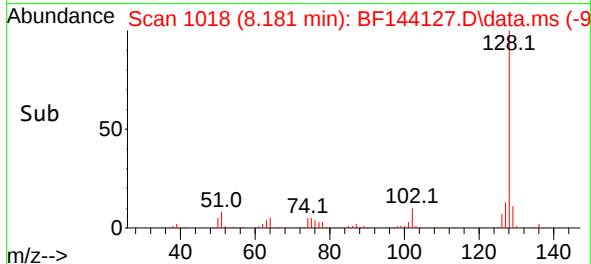
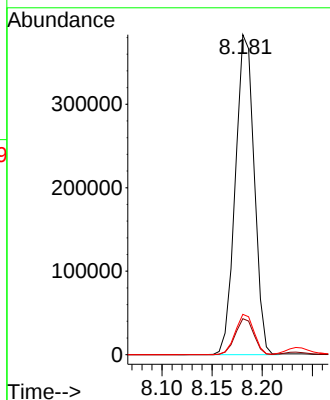
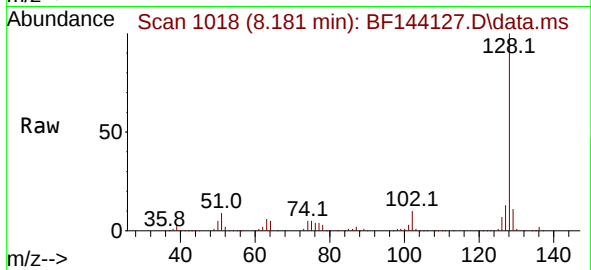
#31
Naphthalene
Concen: 46.497 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tgt Ion:128 Resp: 502680
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 12.6 9.9 14.9

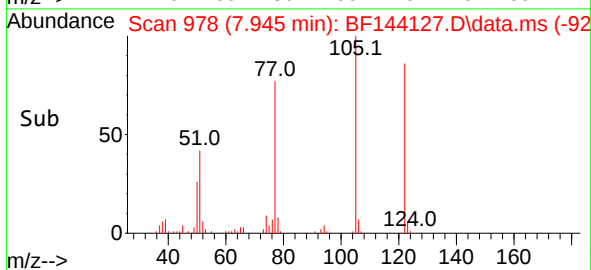
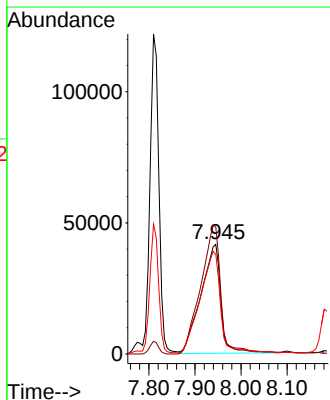
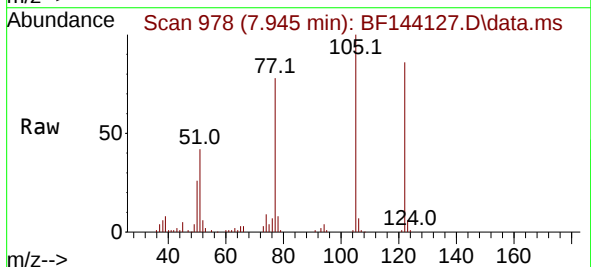
Manual Integrations
APPROVED

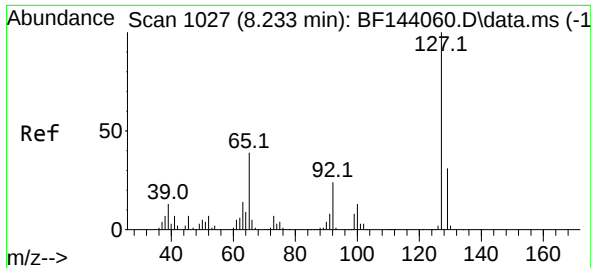
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#32
Benzoic acid
Concen: 63.428 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.029 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Tgt Ion:122 Resp: 125796
Ion Ratio Lower Upper
122 100
105 115.7 111.3 151.3
77 90.8 96.7 136.7#





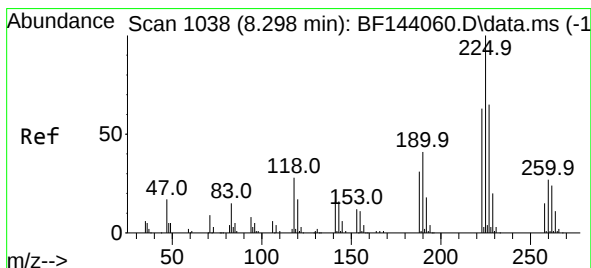
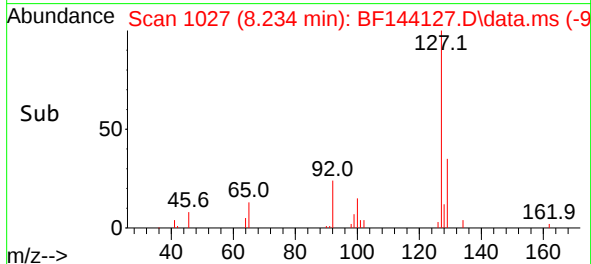
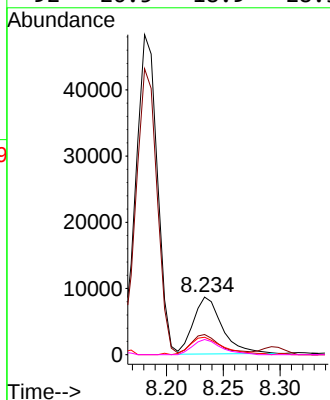
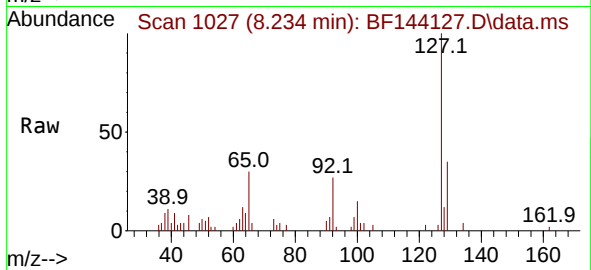
#33
4-Chloroaniline
Concen: 4.007 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tgt Ion:127 Resp: 15080
Ion Ratio Lower Upper
127 100
129 35.1 25.6 38.4
65 30.3 30.9 46.3
92 26.5 18.9 28.3

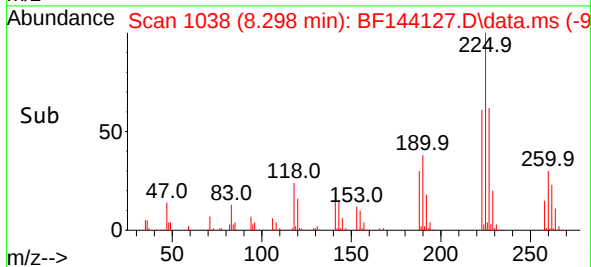
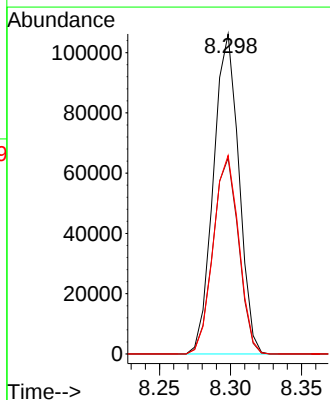
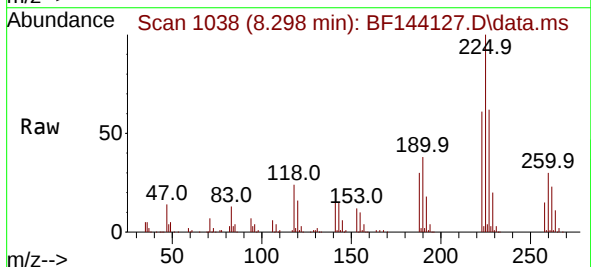
Manual Integrations
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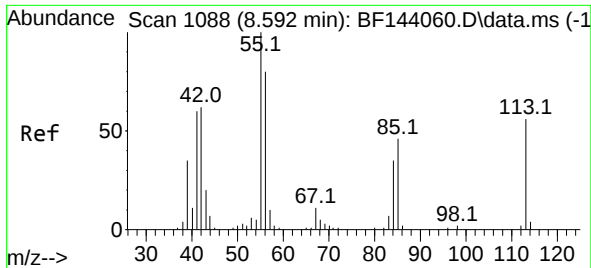
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#34
Hexachlorobutadiene
Concen: 43.214 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

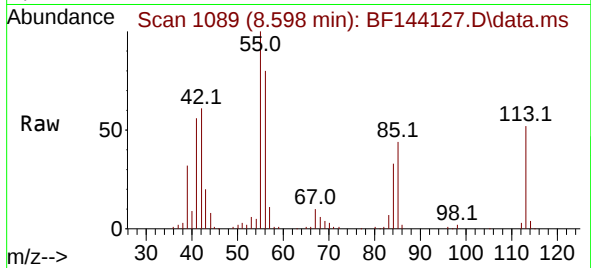
Tgt Ion:225 Resp: 132182
Ion Ratio Lower Upper
225 100
223 61.2 50.6 76.0
227 62.0 51.8 77.8





#35
 Caprolactam
 Concen: 52.123 ng m
 RT: 8.598 min Scan# 1089
 Delta R.T. 0.006 min
 Lab File: BF144127.D
 Acq: 29 Oct 2025 14:33

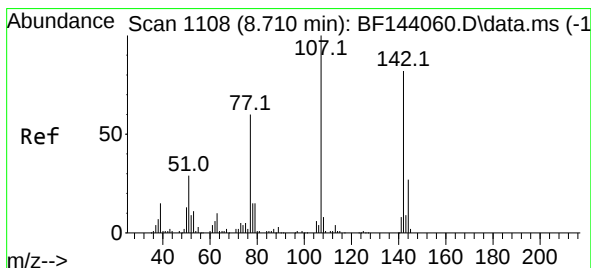
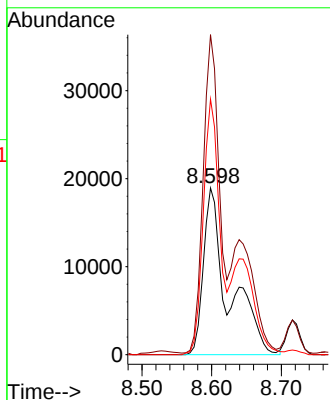
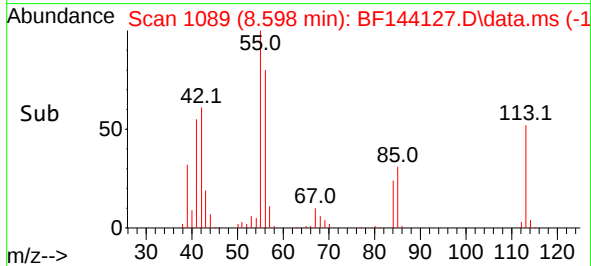
Instrument :
 BNA_F
 ClientSampleId :
 TP-8MS



Tgt Ion:113 Resp: 4752
 Ion Ratio Lower Upper
 113 100
 55 192.0 160.1 200.1
 56 153.3 124.9 164.9

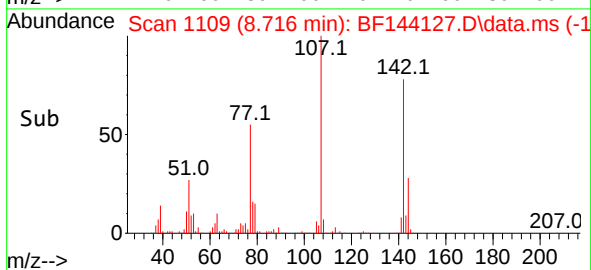
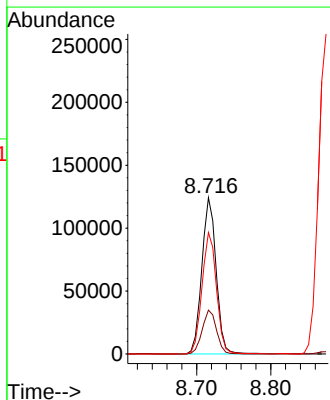
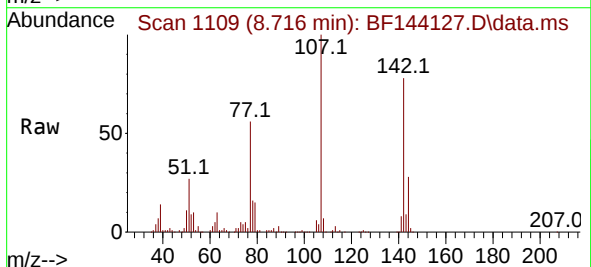
Manual Integrations
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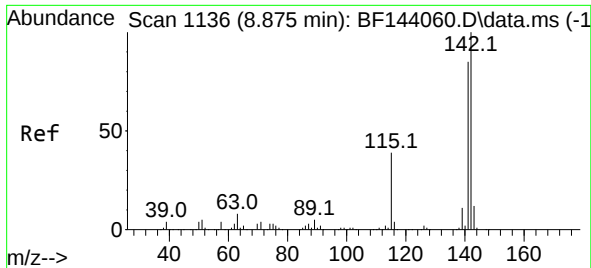
Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 10/30/2025



#36
 4-Chloro-3-methylphenol
 Concen: 52.147 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF144127.D
 Acq: 29 Oct 2025 14:33

Tgt Ion:107 Resp: 167327
 Ion Ratio Lower Upper
 107 100
 144 28.0 21.6 32.4
 142 77.7 65.4 98.0





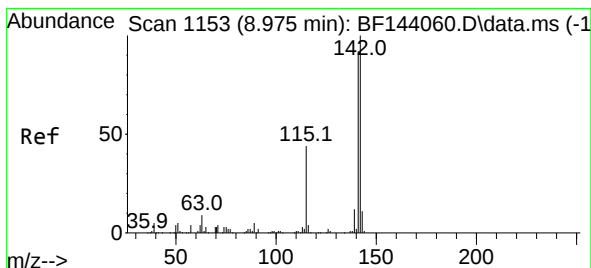
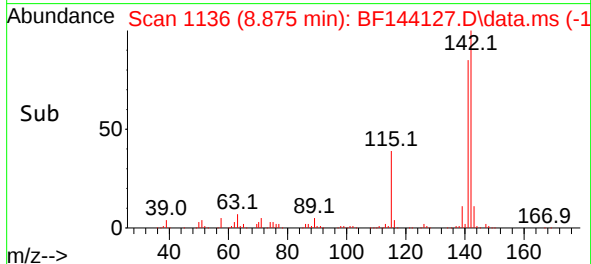
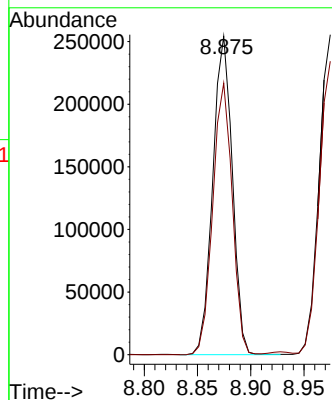
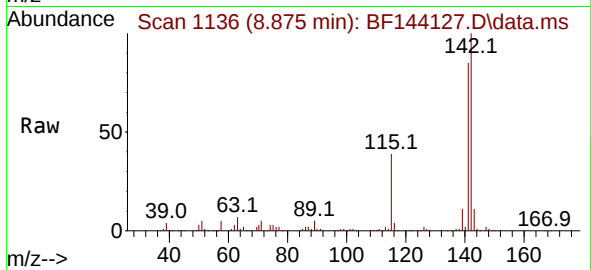
#37
2-Methylnaphthalene
Concen: 45.457 ng
RT: 8.875 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tgt Ion:142 Resp: 32401
Ion Ratio Lower Upper
142 100
141 85.3 67.6 101.4

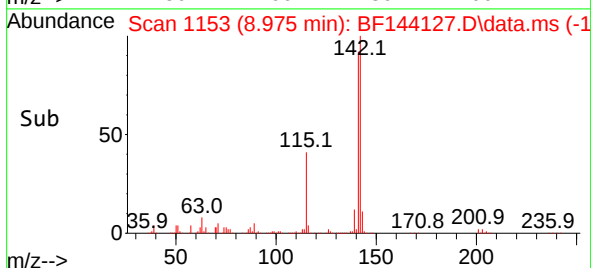
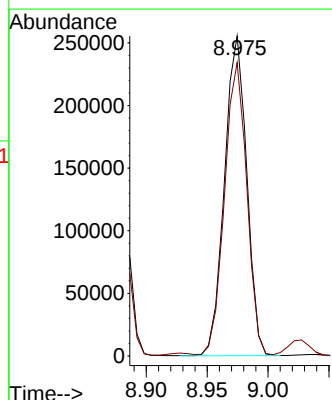
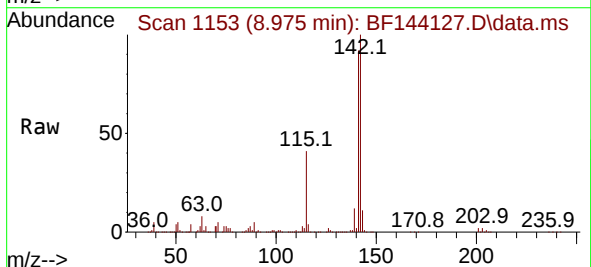
Manual Integrations
APPROVED

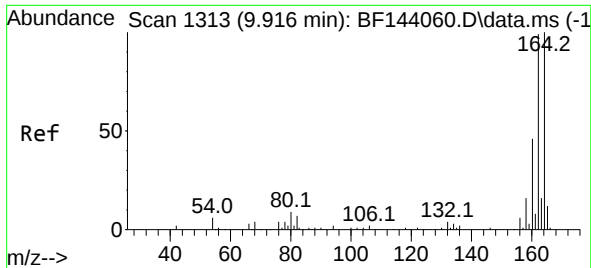
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#38
1-Methylnaphthalene
Concen: 48.173 ng
RT: 8.975 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

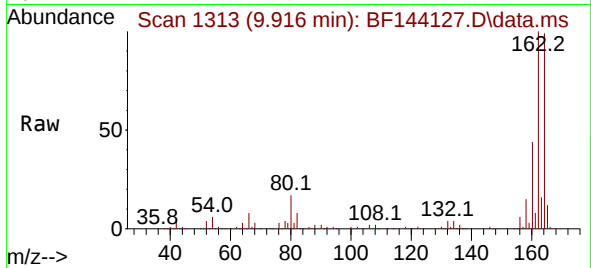
Tgt Ion:142 Resp: 325313
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

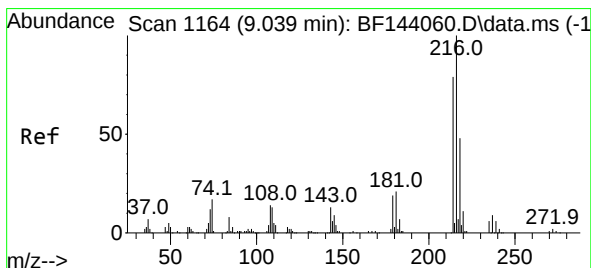
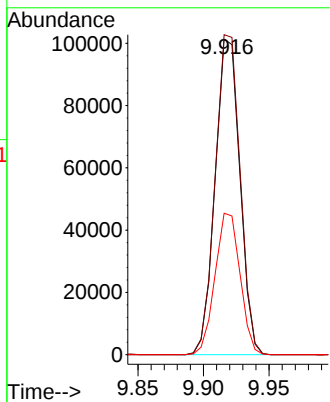
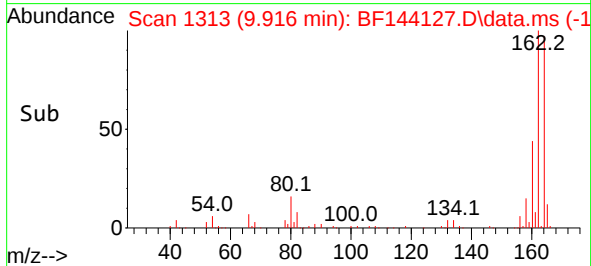
Instrument :
BNA_F
ClientSampleId :
TP-8MS



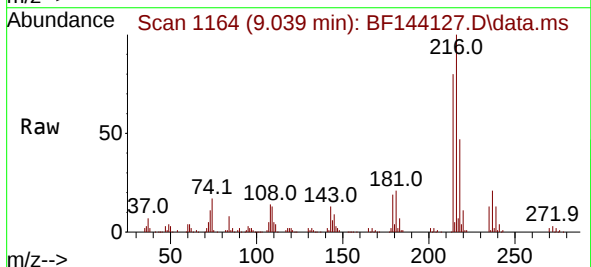
Tgt Ion:164 Resp: 132788
Ion Ratio Lower Upper
164 100
162 101.4 79.4 119.2
160 44.8 36.7 55.1

Manual Integrations
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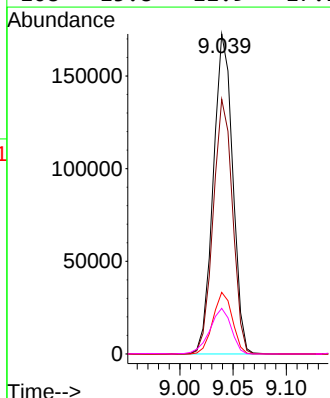
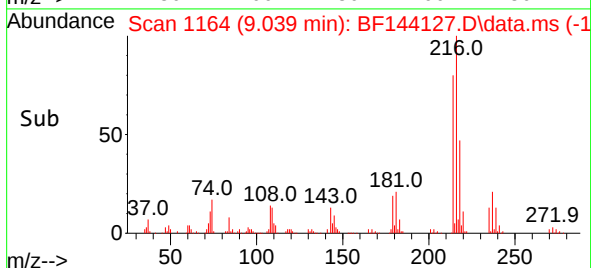
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

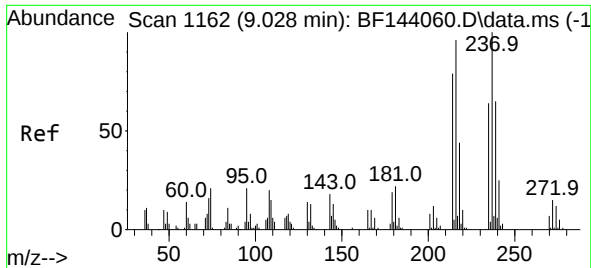


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.923 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



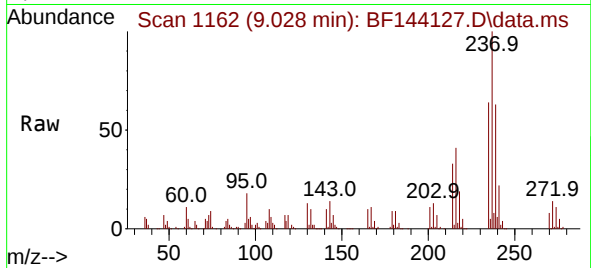
Tgt Ion:216 Resp: 218705
Ion Ratio Lower Upper
216 100
214 79.1 63.2 94.8
179 19.3 15.2 22.8
108 15.8 11.9 17.9





#41
Hexachlorocyclopentadiene
Concen: 110.337 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

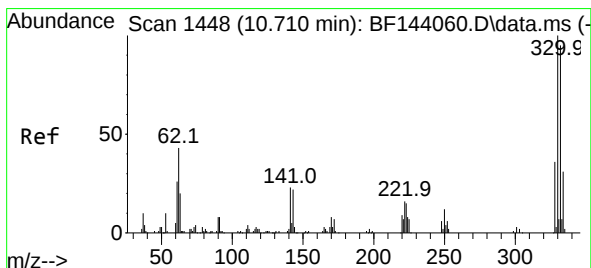
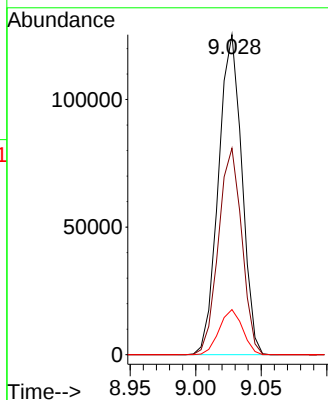
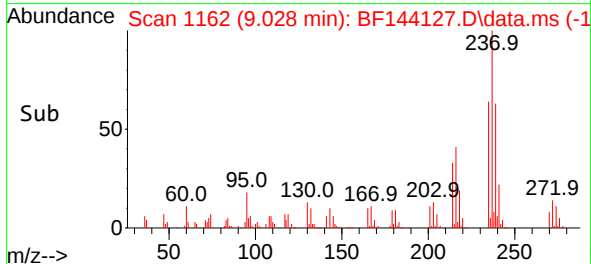
Instrument :
BNA_F
ClientSampleId :
TP-8MS



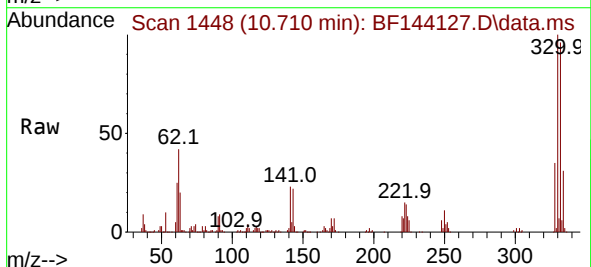
Tgt Ion:237 Resp: 155529
Ion Ratio Lower Upper
237 100
235 64.5 44.3 84.3
272 14.1 0.0 35.2

Manual Integrations
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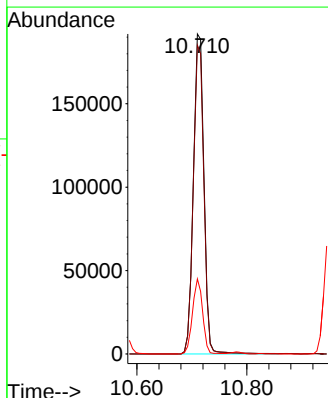
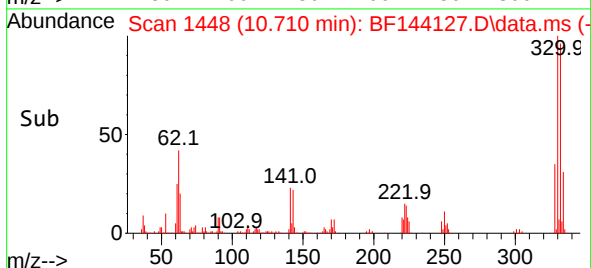
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

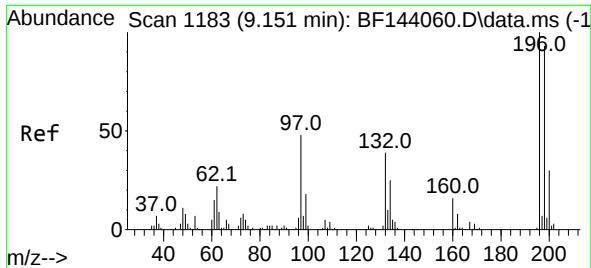


#42
2,4,6-Tribromophenol
Concen: 151.310 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



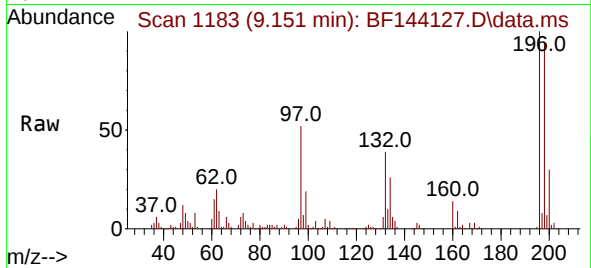
Tgt Ion:330 Resp: 255935
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 22.4 19.4 29.0





#43
2,4,6-Trichlorophenol
Concen: 48.009 ng
RT: 9.151 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

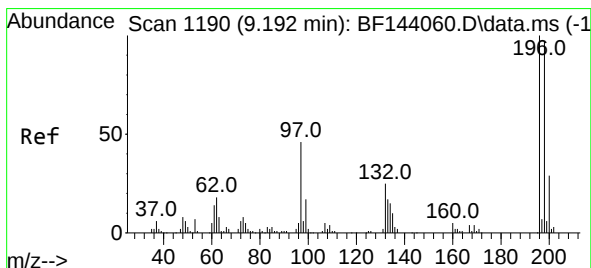
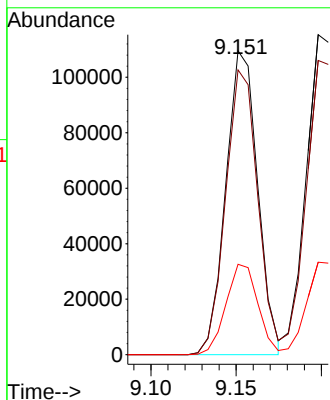
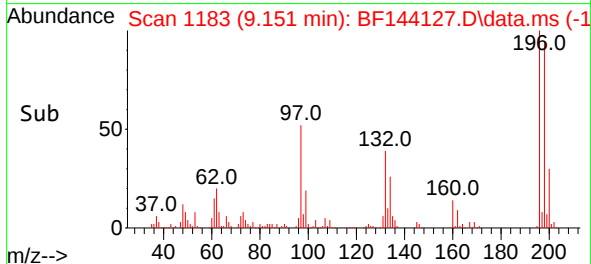
Instrument :
BNA_F
ClientSampleId :
TP-8MS



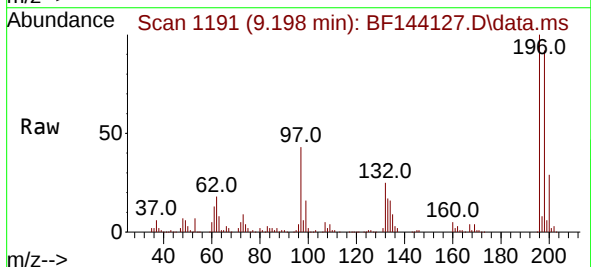
Tgt Ion:196 Resp: 142412
Ion Ratio Lower Upper
196 100
198 93.7 74.4 111.6
200 29.7 23.8 35.8

Manual Integrations
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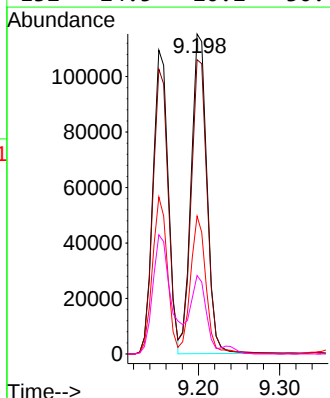
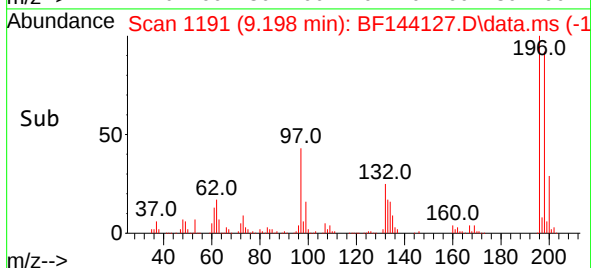
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

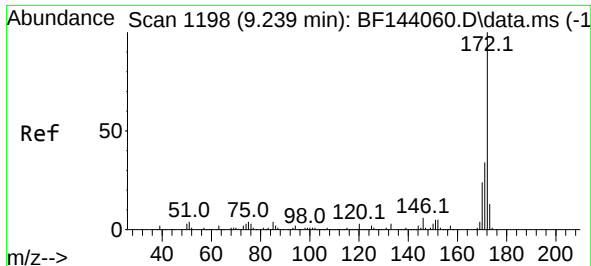


#44
2,4,5-Trichlorophenol
Concen: 50.272 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



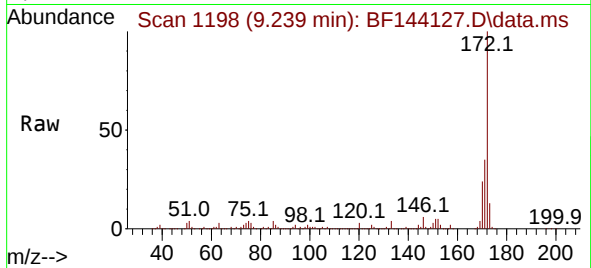
Tgt Ion:196 Resp: 156505
Ion Ratio Lower Upper
196 100
198 91.9 78.0 117.0
97 43.1 37.7 56.5
132 24.5 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 90.811 ng
RT: 9.239 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

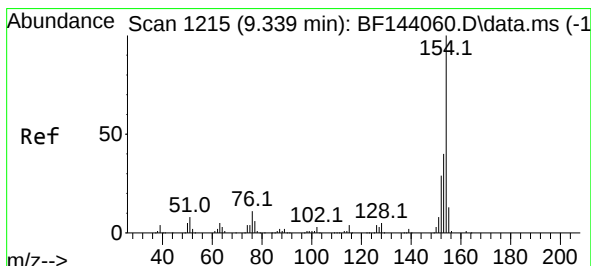
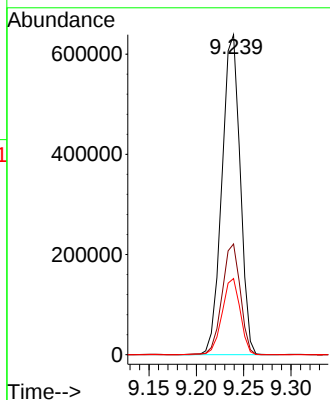
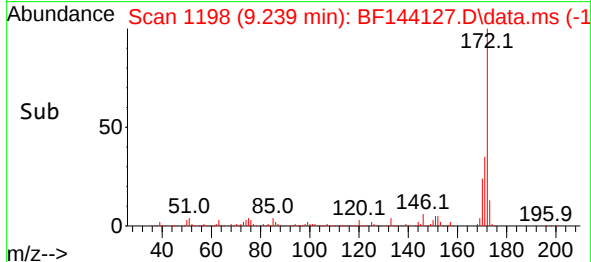
Instrument :
BNA_F
ClientSampleId :
TP-8MS



Tgt Ion:172 Resp: 85691
Ion Ratio Lower Upper
172 100
171 34.6 27.5 41.3
170 23.8 19.0 28.6

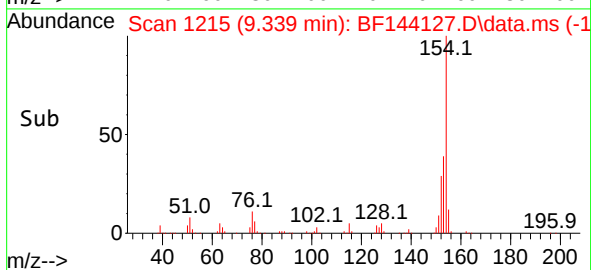
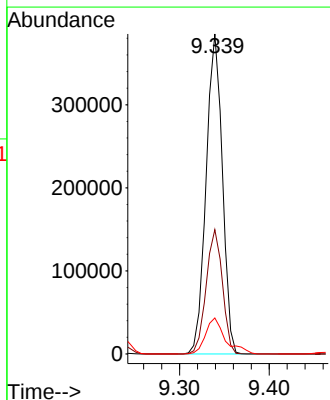
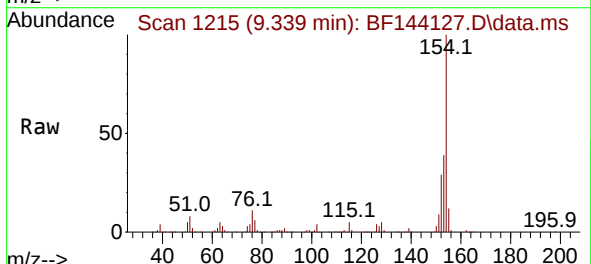
Manual Integrations
APPROVED

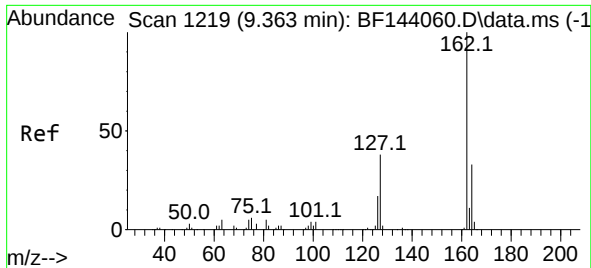
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#46
1,1'-Biphenyl
Concen: 50.848 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Tgt Ion:154 Resp: 483342
Ion Ratio Lower Upper
154 100
153 38.9 19.7 59.7
76 11.3 0.0 31.1





#47

2-Chloronaphthalene

Concen: 46.054 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

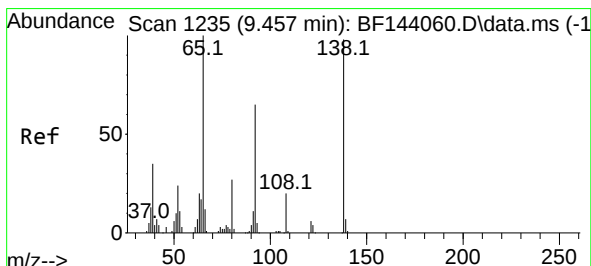
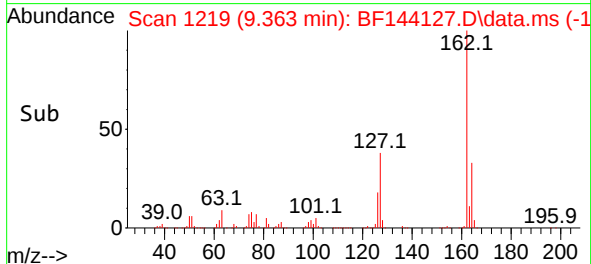
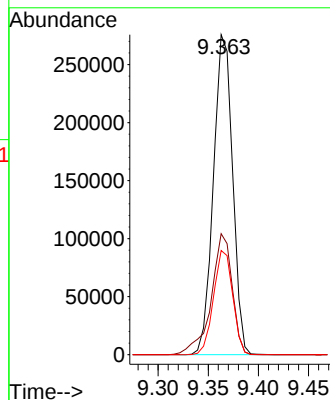
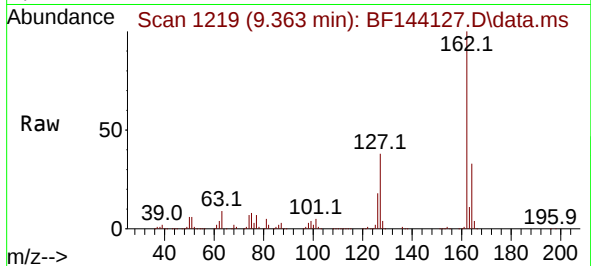
Tgt Ion:162 Resp: 366750
 Ion Ratio Lower Upper
 162 100
 127 37.8 31.6 47.4
 164 32.6 26.5 39.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#48

2-Nitroaniline

Concen: 48.487 ng

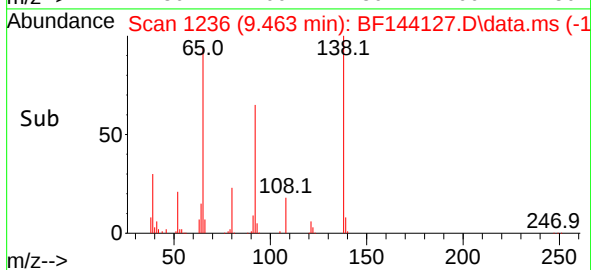
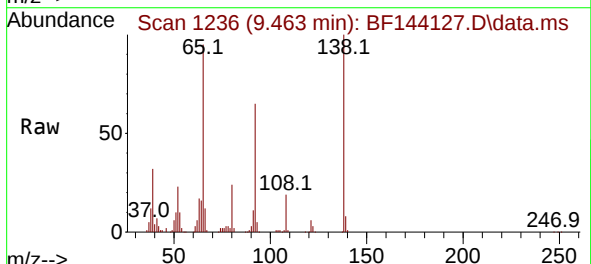
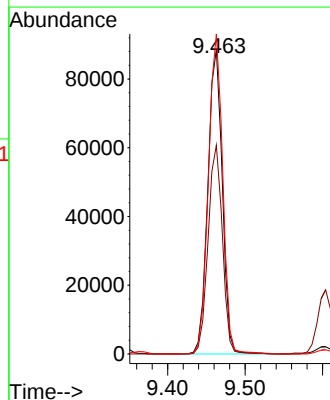
RT: 9.463 min Scan# 1236

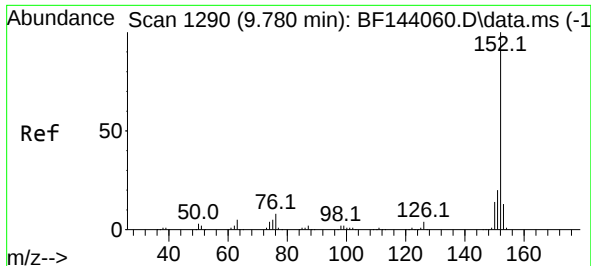
Delta R.T. 0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

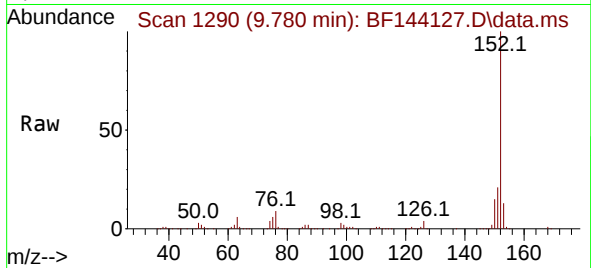
Tgt Ion: 65 Resp: 114659
 Ion Ratio Lower Upper
 65 100
 92 68.6 52.3 78.5
 138 105.1 78.3 117.5





#49
Acenaphthylene
Concen: 53.411 ng
RT: 9.780 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

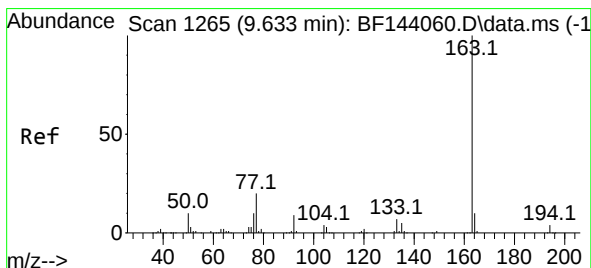
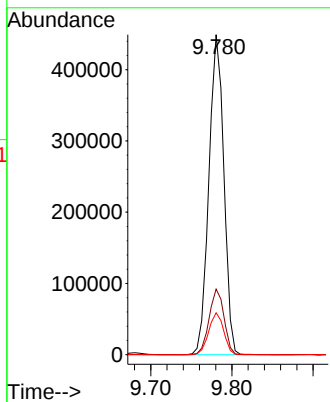
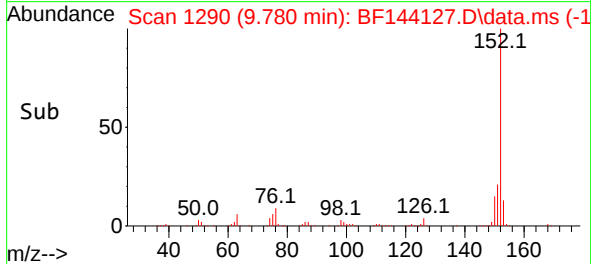
Instrument :
BNA_F
ClientSampleId :
TP-8MS



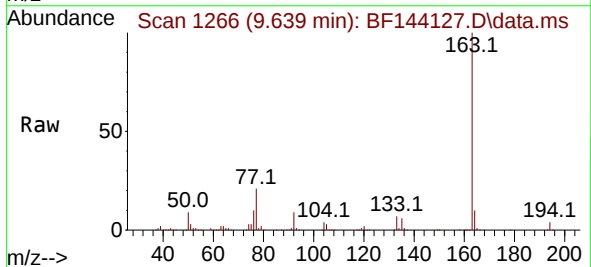
Tgt Ion:152 Resp: 573512
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.1 10.4 15.6

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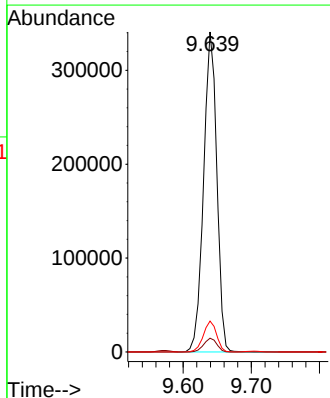
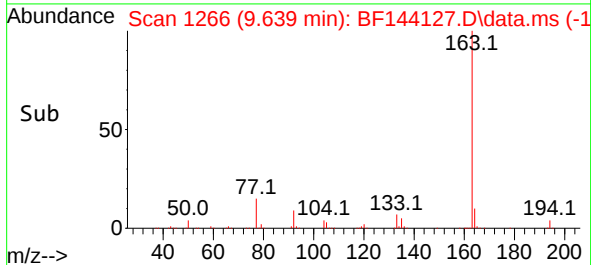
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

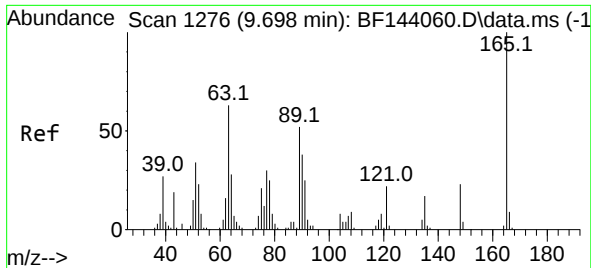


#50
Dimethylphthalate
Concen: 52.858 ng
RT: 9.639 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



Tgt Ion:163 Resp: 460072
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 9.7 7.8 11.8





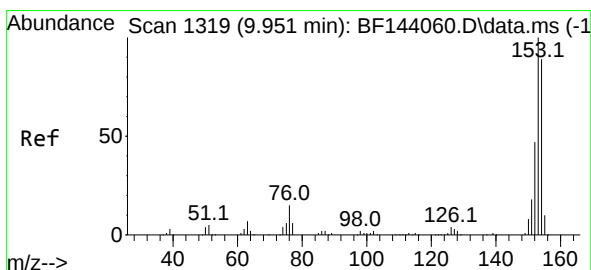
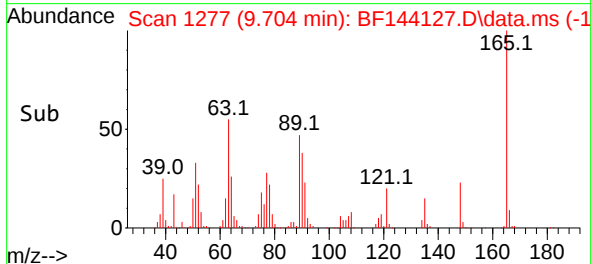
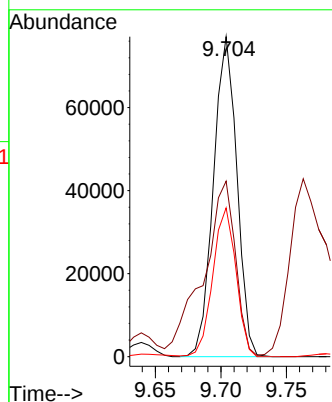
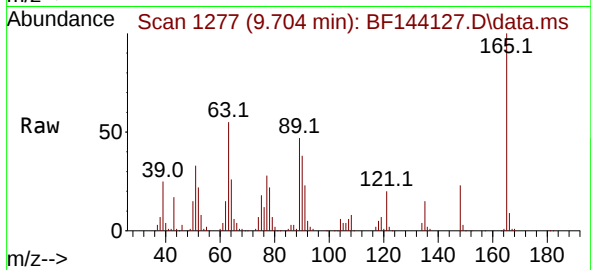
#51
2,6-Dinitrotoluene
Concen: 55.561 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tgt Ion:165 Resp: 9560
Ion Ratio Lower Upper
165 100
63 54.8 50.4 75.6
89 46.5 41.4 62.2

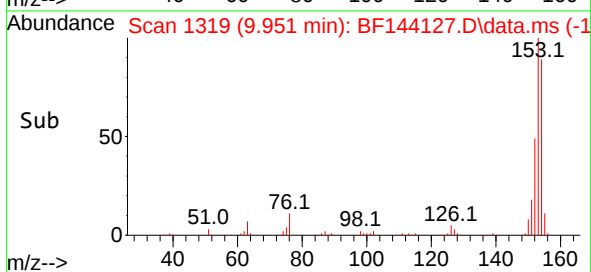
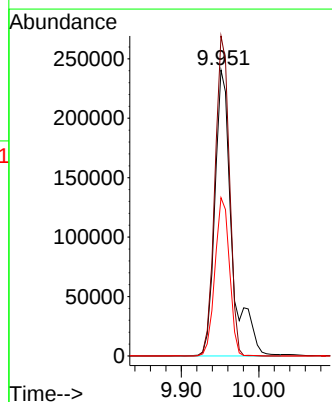
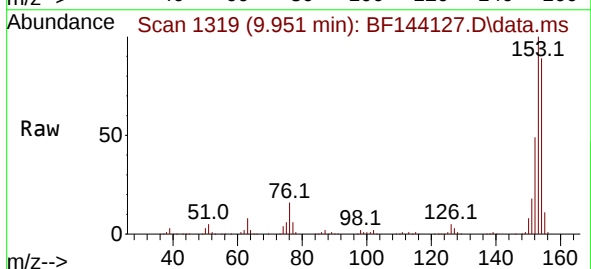
Manual Integrations
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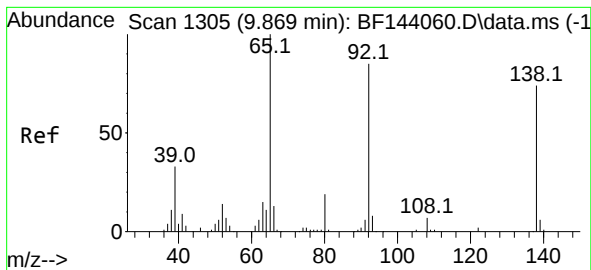
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#52
Acenaphthene
Concen: 51.253 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Tgt Ion:154 Resp: 367541
Ion Ratio Lower Upper
154 100
153 111.9 89.9 134.9
152 55.3 42.0 63.0





#53

3-Nitroaniline

Concen: 6.675 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

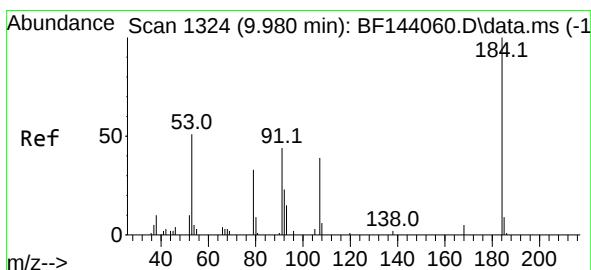
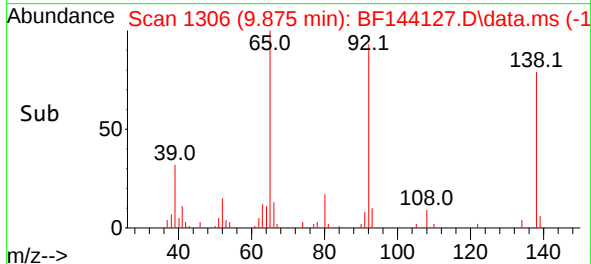
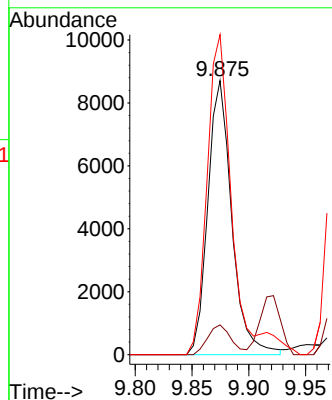
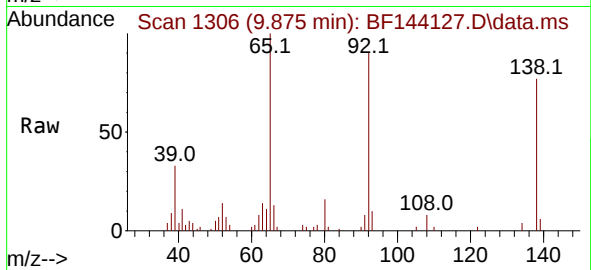
Tgt Ion:138	Resp:	12769
Ion Ratio	Lower	Upper
138	100	
108	10.9	7.9 11.9
92	116.8	92.0 138.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#54

2,4-Dinitrophenol

Concen: 106.495 ng

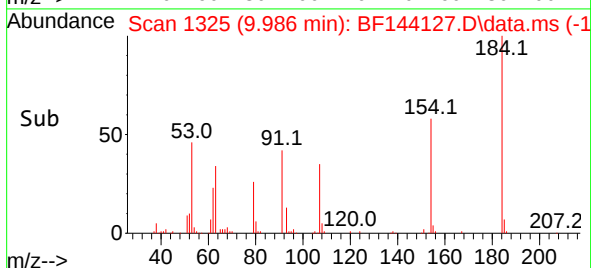
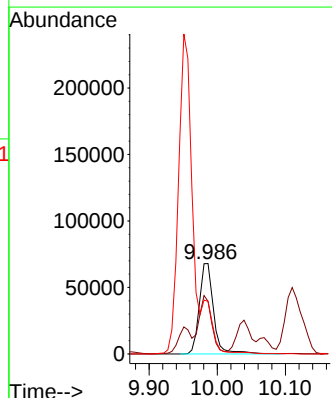
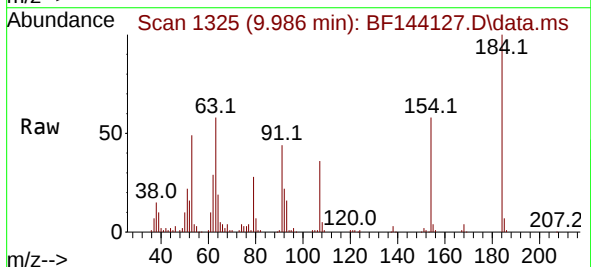
RT: 9.986 min Scan# 1325

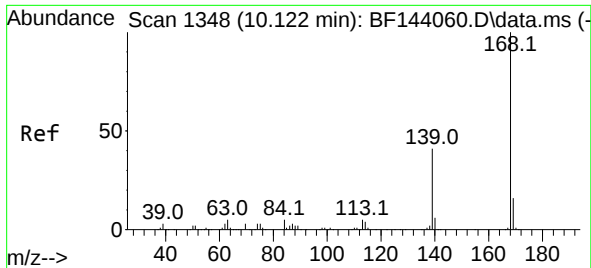
Delta R.T. 0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Tgt Ion:184	Resp:	99111
Ion Ratio	Lower	Upper
184	100	
63	58.3	52.1 78.1
154	58.3	47.9 71.9





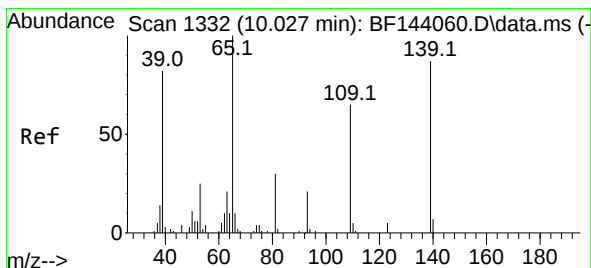
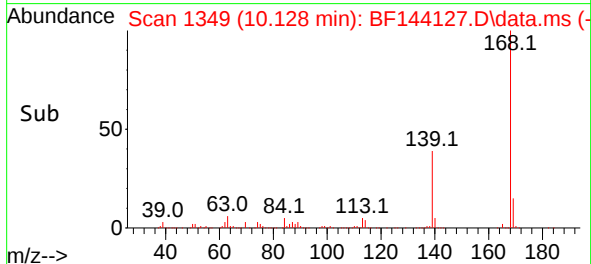
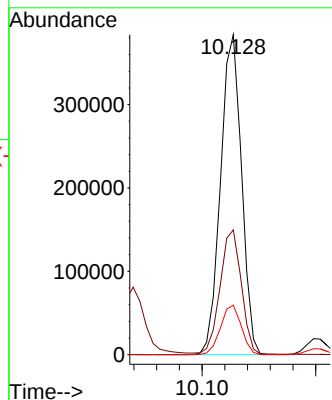
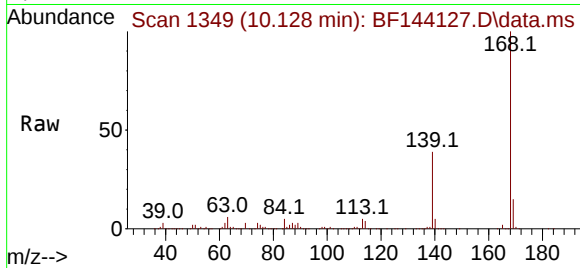
#55
Dibenzenofuran
Concen: 49.495 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tgt Ion:168 Resp: 49274
Ion Ratio Lower Upper
168 100
139 39.0 33.2 49.8
169 15.5 12.6 19.0

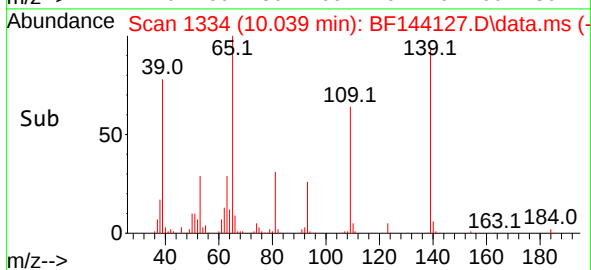
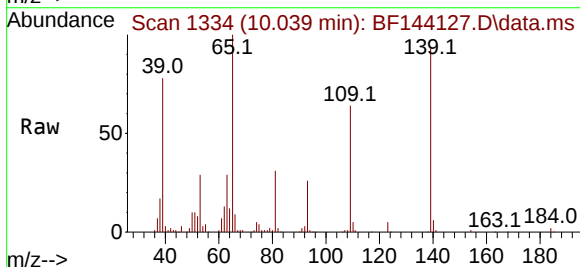
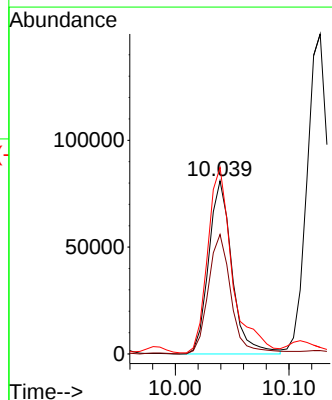
Manual Integrations
APPROVED

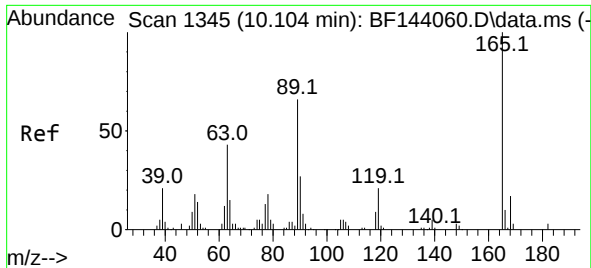
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#56
4-Nitrophenol
Concen: 89.192 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.012 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

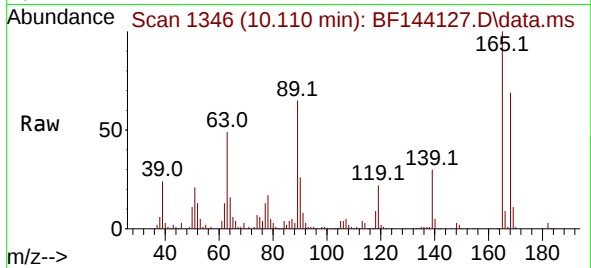
Tgt Ion:139 Resp: 115546
Ion Ratio Lower Upper
139 100
109 69.0 53.8 93.8
65 107.8 95.9 135.9





#57
2,4-Dinitrotoluene
Concen: 54.501 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

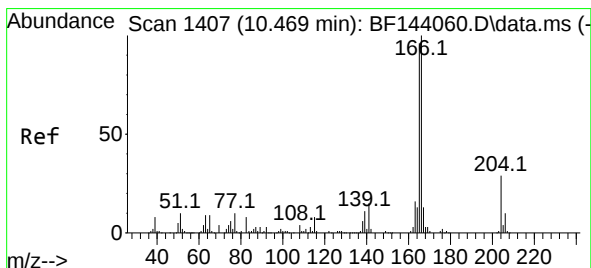
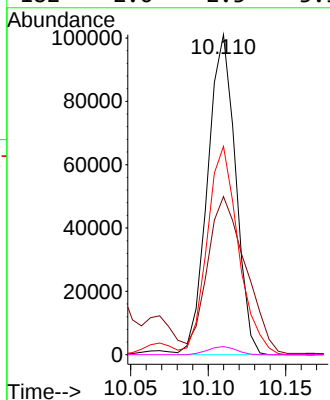
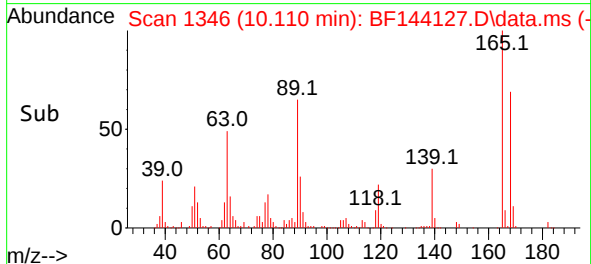
Instrument :
BNA_F
ClientSampleId :
TP-8MS



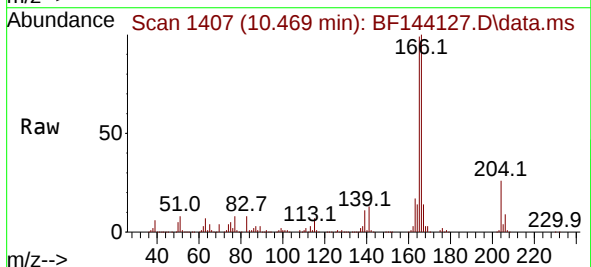
Tgt Ion:165 Resp: 126570
Ion Ratio Lower Upper
165 100
63 49.4 35.4 53.2
89 65.1 52.7 79.1
182 2.6 2.3 3.5

Manual Integrations
APPROVED

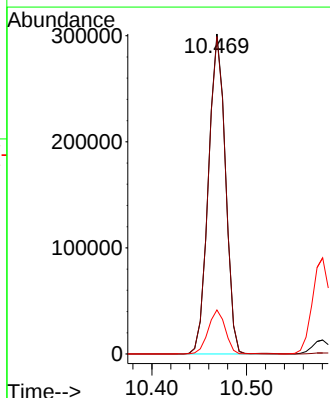
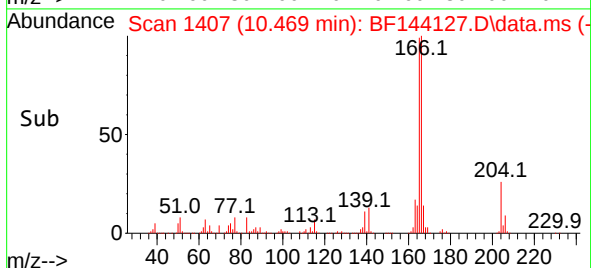
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

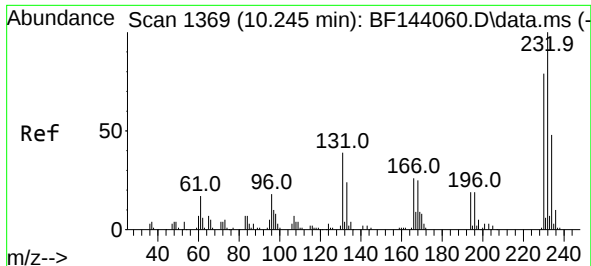


#58
Fluorene
Concen: 49.399 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



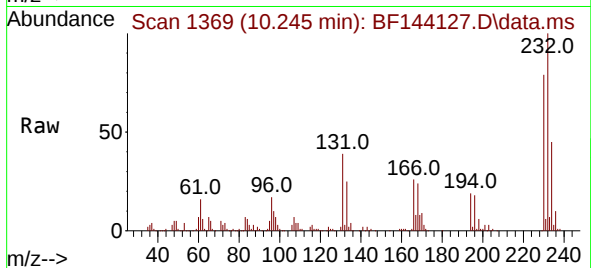
Tgt Ion:166 Resp: 374720
Ion Ratio Lower Upper
166 100
165 99.2 77.0 115.4
167 13.7 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 56.246 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

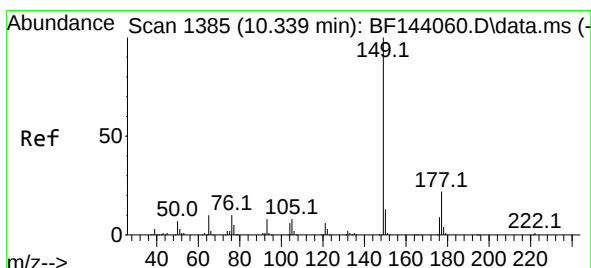
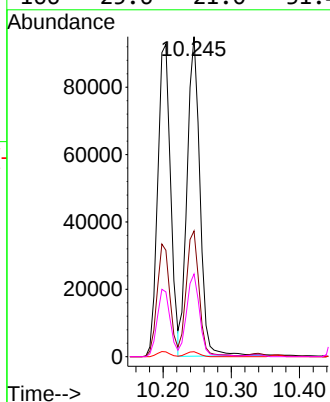
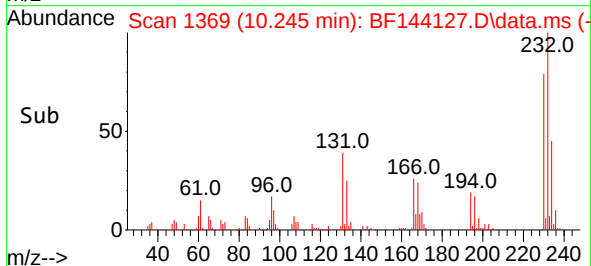
Instrument :
BNA_F
ClientSampleId :
TP-8MS



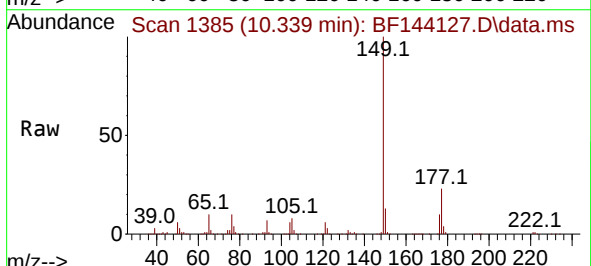
Tgt Ion:232 Resp: 123391
Ion Ratio Lower Upper
232 100
131 39.0 31.9 47.9
130 1.6 1.1 1.7
166 25.6 21.0 31.4

Manual Integrations
APPROVED

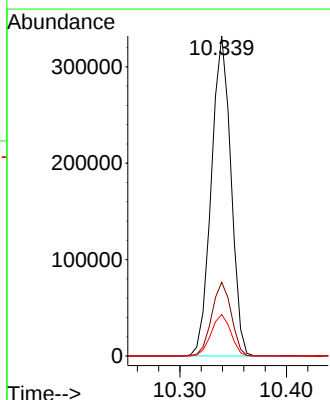
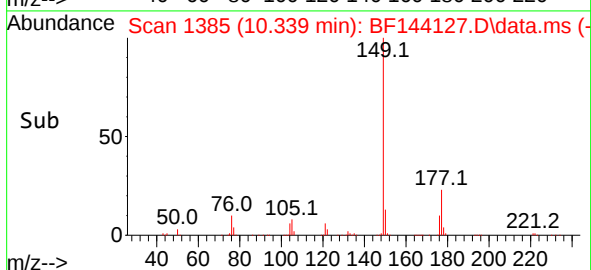
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

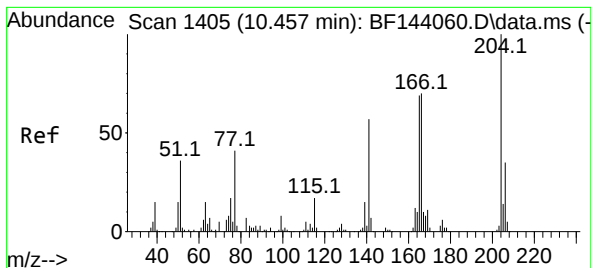


#60
Diethylphthalate
Concen: 51.848 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



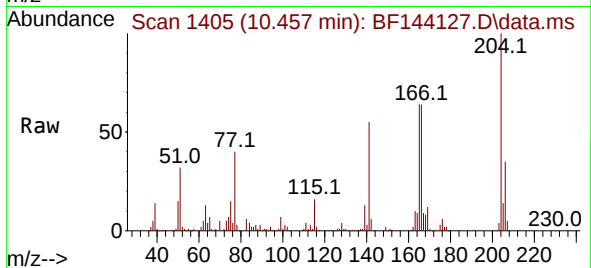
Tgt Ion:149 Resp: 424395
Ion Ratio Lower Upper
149 100
177 23.0 17.8 26.6
150 13.0 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 49.168 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

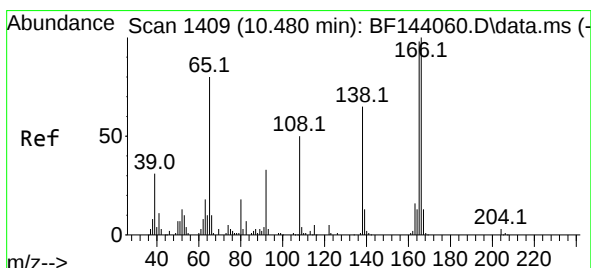
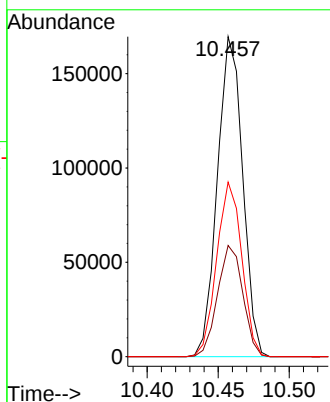
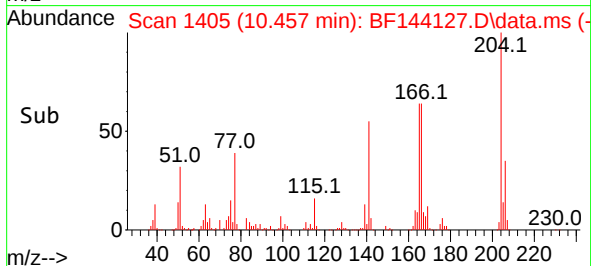
Instrument :
BNA_F
ClientSampleId :
TP-8MS



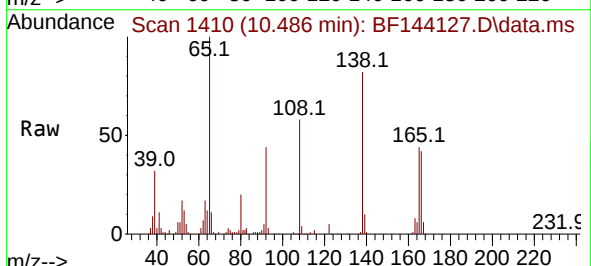
Tgt Ion:204 Resp: 209744
Ion Ratio Lower Upper
204 100
206 34.8 27.8 41.6
141 54.6 45.4 68.2

Manual Integrations
APPROVED

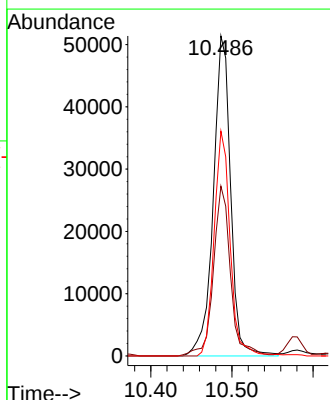
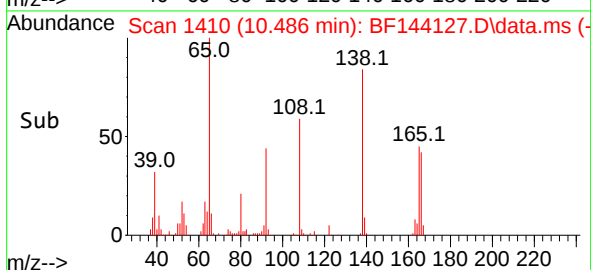
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

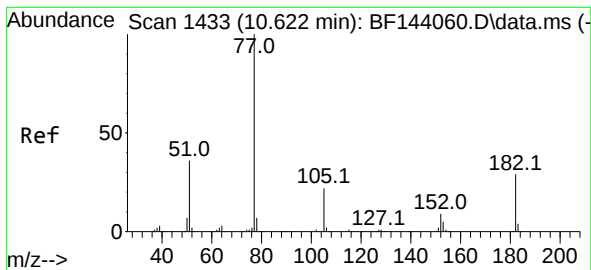


#62
4-Nitroaniline
Concen: 42.124 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



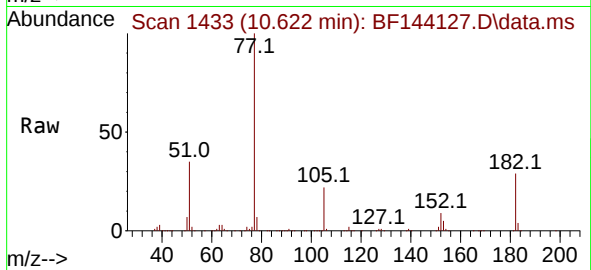
Tgt Ion:138 Resp: 76357
Ion Ratio Lower Upper
138 100
92 53.1 30.5 70.5
108 70.2 56.2 96.2





#63
Azobenzene
Concen: 50.276 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

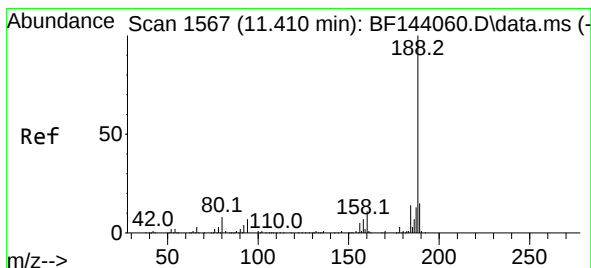
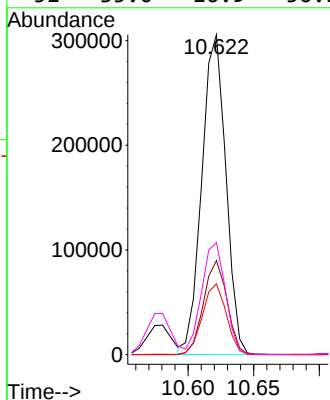
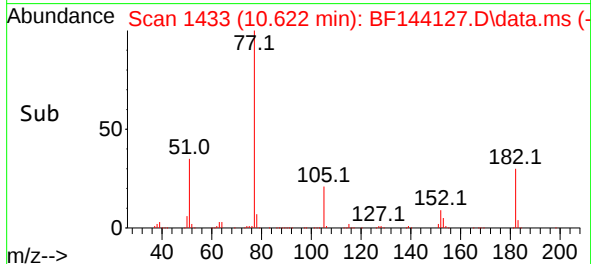
Instrument :
BNA_F
ClientSampleId :
TP-8MS



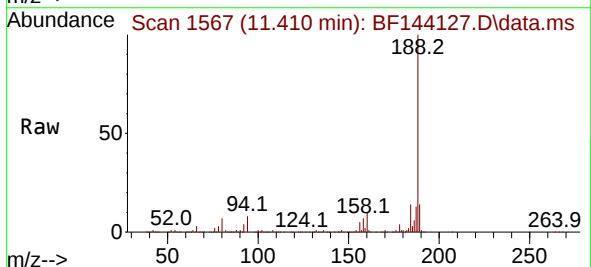
Tgt Ion: 77 Resp: 38950
Ion Ratio Lower Upper
77 100
182 29.4 9.0 49.0
105 22.2 1.4 41.4
51 35.0 16.9 56.9

Manual Integrations
APPROVED

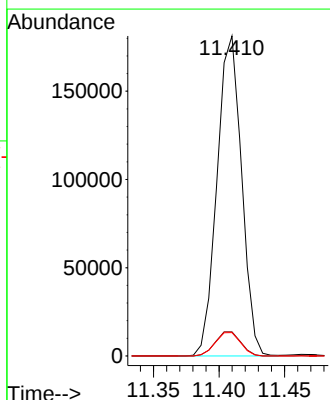
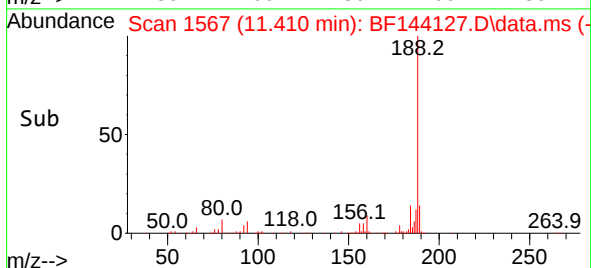
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

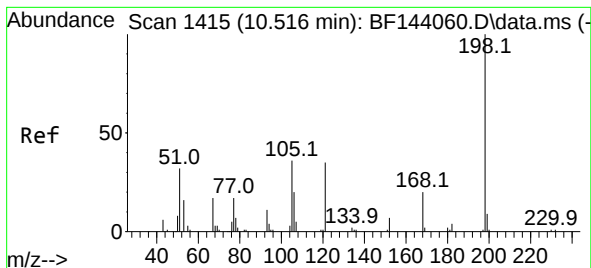


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



Tgt Ion:188 Resp: 236318
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.0
80 7.3 6.0 9.0





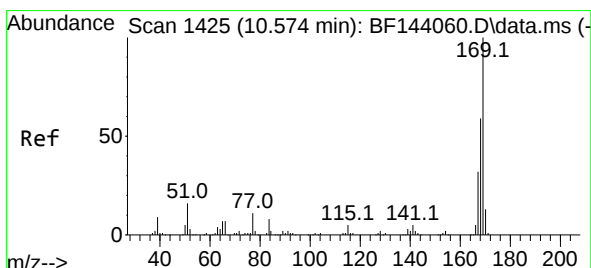
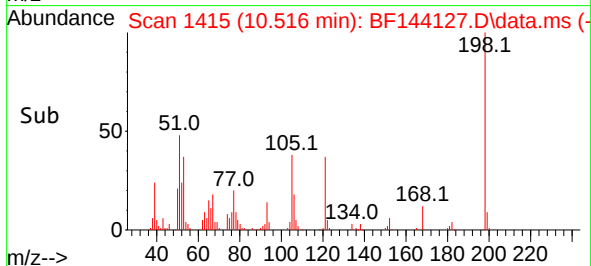
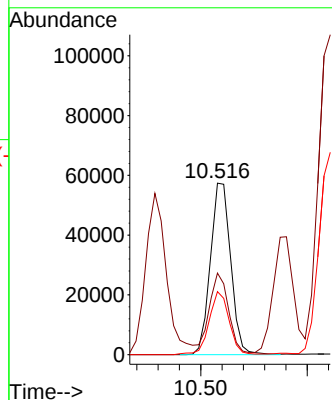
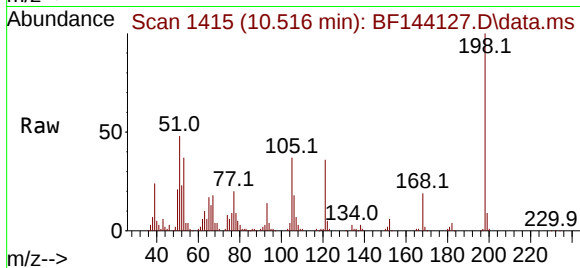
#65
4,6-Dinitro-2-methylphenol
Concen: 50.214 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tgt Ion:198 Resp: 7613
Ion Ratio Lower Upper
198 100
51 47.6 25.8 65.8
105 36.7 17.2 57.2

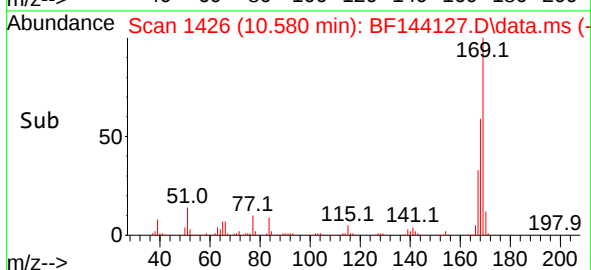
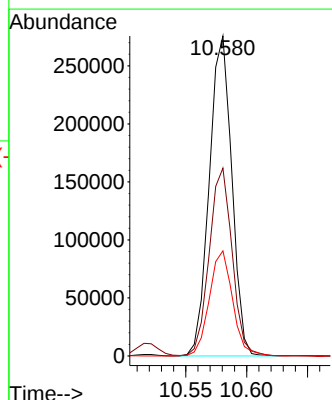
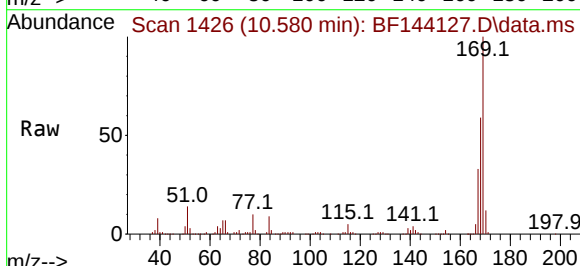
Manual Integrations
APPROVED

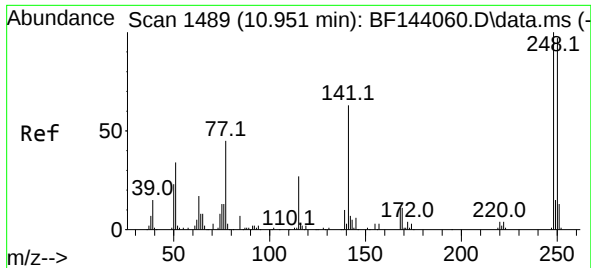
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#66
n-Nitrosodiphenylamine
Concen: 46.995 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

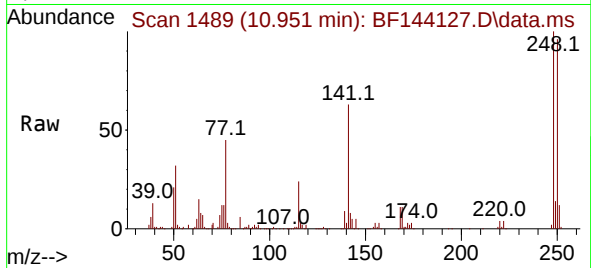
Tgt Ion:169 Resp: 354837
Ion Ratio Lower Upper
169 100
168 58.7 47.4 71.2
167 32.9 25.5 38.3





#67
4-Bromophenyl-phenylether
Concen: 48.992 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

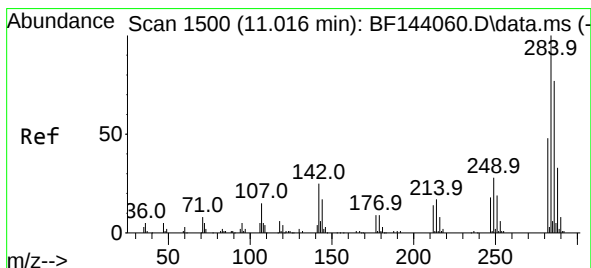
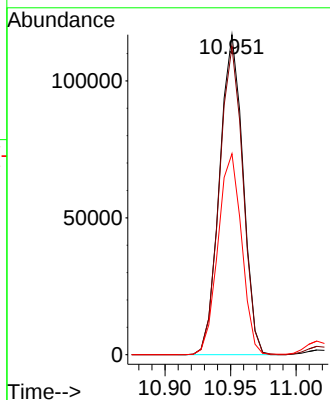
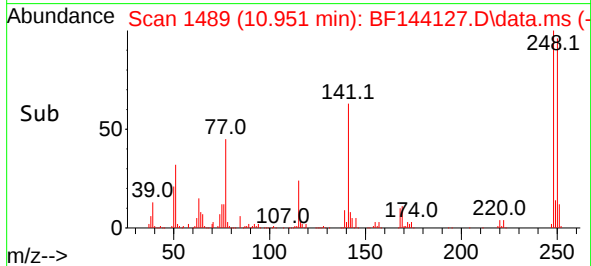
Instrument :
BNA_F
ClientSampleId :
TP-8MS



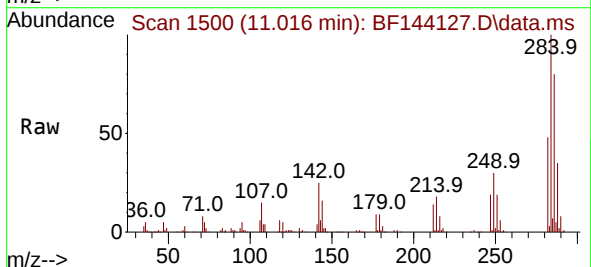
Tgt Ion:248 Resp: 144960
Ion Ratio Lower Upper
248 100
250 96.3 77.8 116.6
141 62.8 50.5 75.7

Manual Integrations
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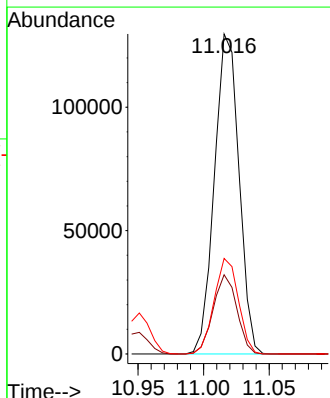
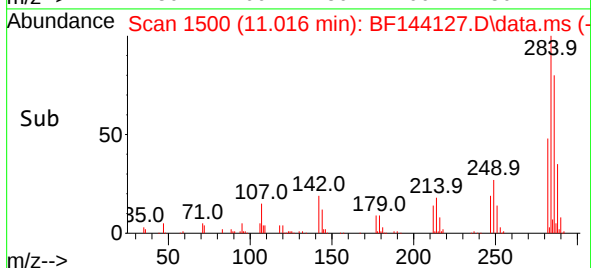
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

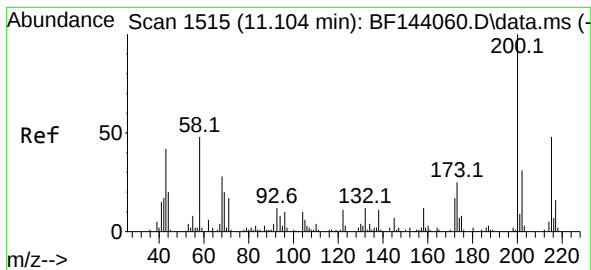


#68
Hexachlorobenzene
Concen: 46.470 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33



Tgt Ion:284 Resp: 168631
Ion Ratio Lower Upper
284 100
142 24.8 20.0 30.0
249 29.9 22.2 33.2





#69

Atrazine

Concen: 26.442 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

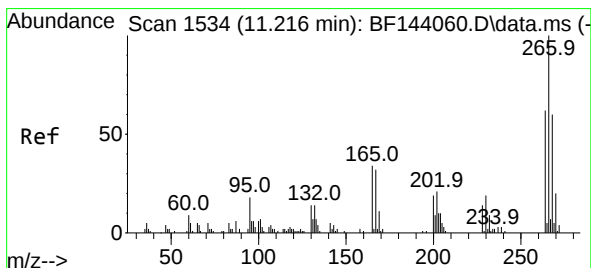
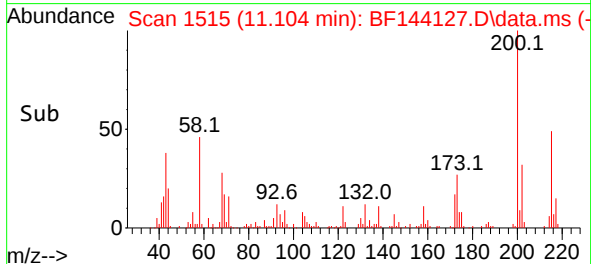
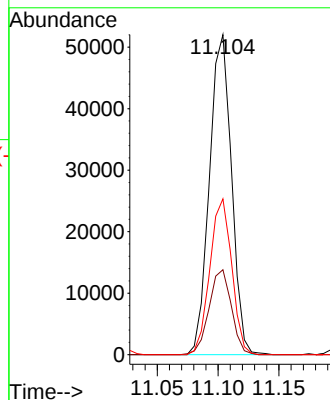
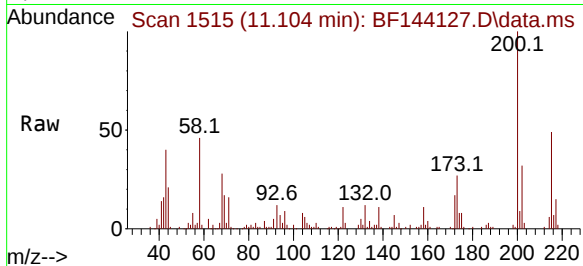
Tgt Ion:200 Resp: 65511
Ion Ratio Lower Upper
200 100
173 26.6 4.9 44.9
215 48.7 28.2 68.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#70

Pentachlorophenol

Concen: 102.057 ng

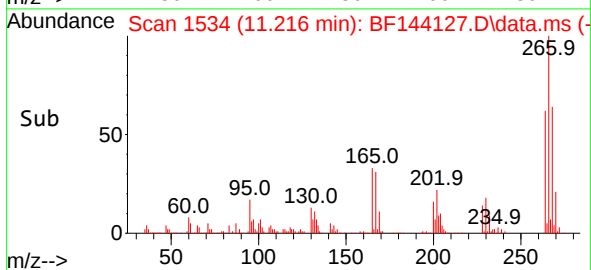
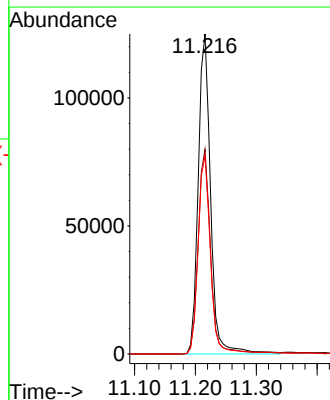
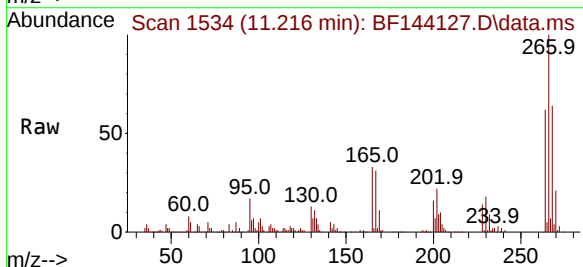
RT: 11.216 min Scan# 1534

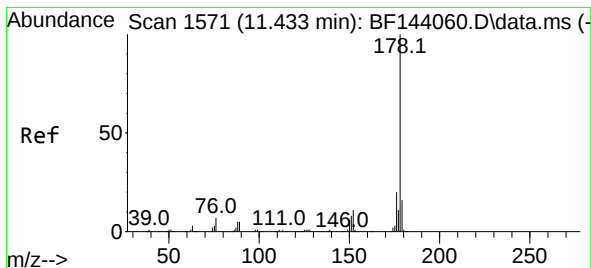
Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Tgt Ion:266 Resp: 176284
Ion Ratio Lower Upper
266 100
268 63.9 48.2 72.4
264 61.9 49.4 74.0





#71

Phenanthrene

Concen: 47.241 ng

RT: 11.433 min Scan# 1571

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion:178 Resp: 554570

Ion Ratio Lower Upper

178 100

176 19.6 16.3 24.5

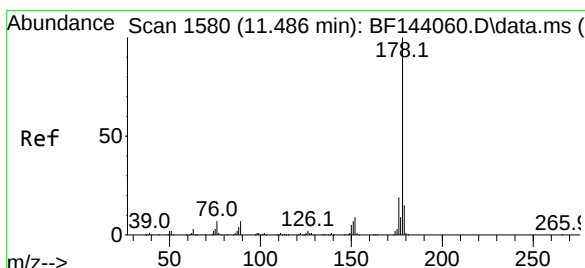
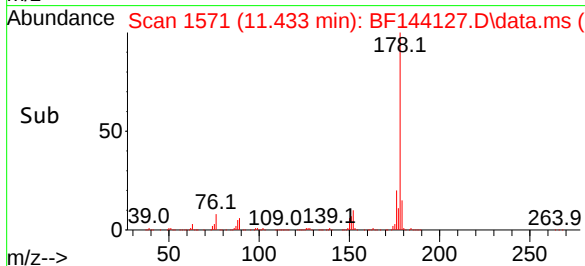
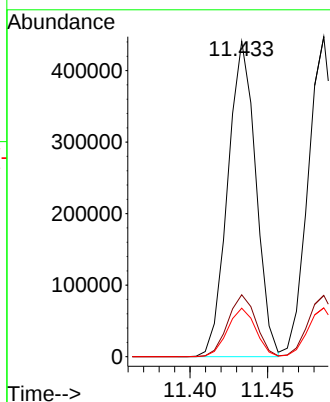
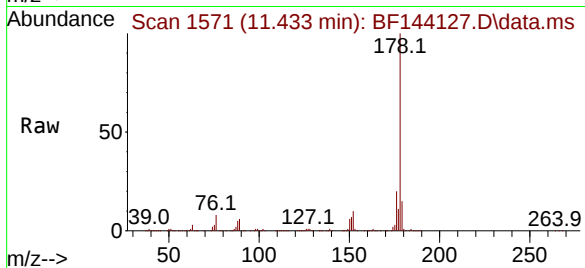
179 15.4 12.6 18.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#72

Anthracene

Concen: 46.677 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

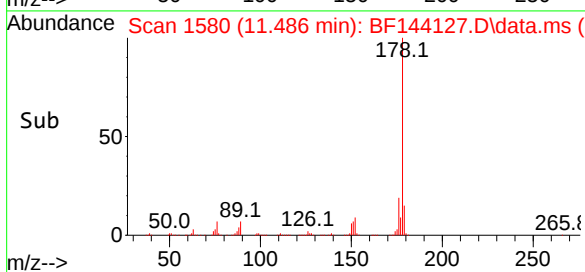
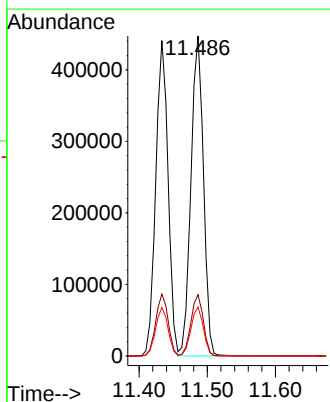
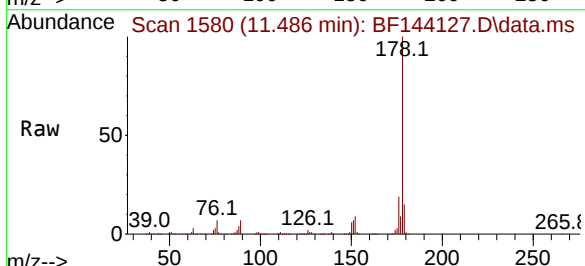
Tgt Ion:178 Resp: 566042

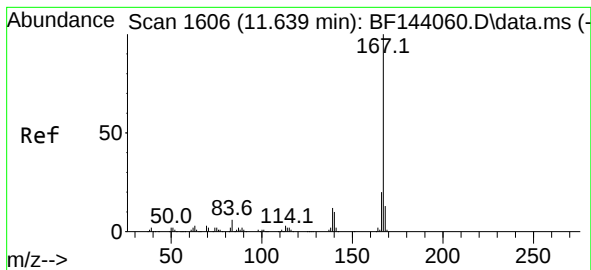
Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

179 15.2 11.8 17.6





#73

Carbazole

Concen: 44.308 ng

RT: 11.639 min Scan# 1606

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

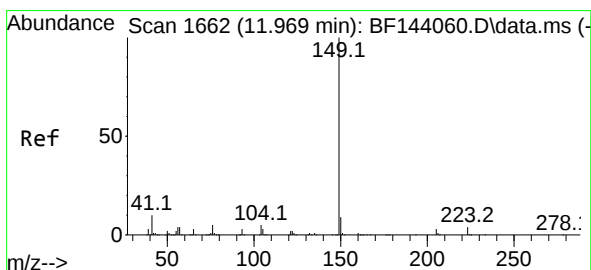
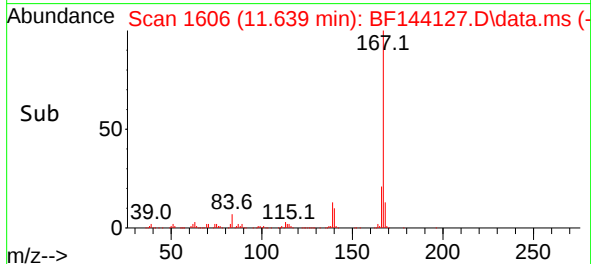
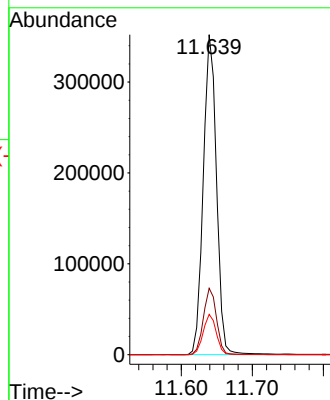
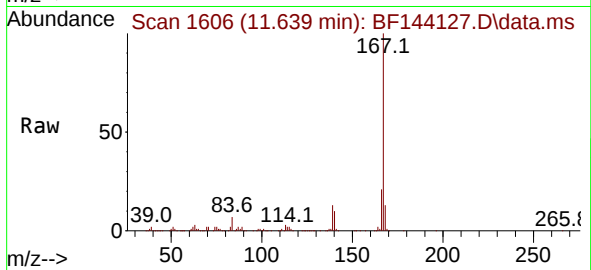
Tgt Ion:167	Resp: 45734
Ion Ratio	Lower Upper
167 100	
166 20.8	16.1 24.1
139 12.6	9.8 14.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#74

Di-n-butylphthalate

Concen: 48.265 ng

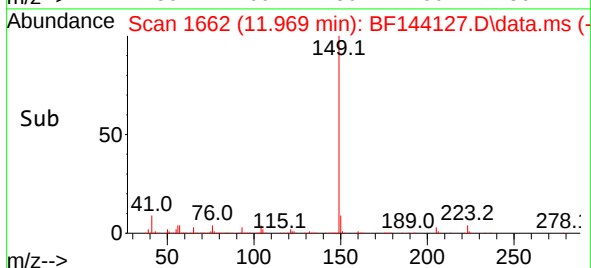
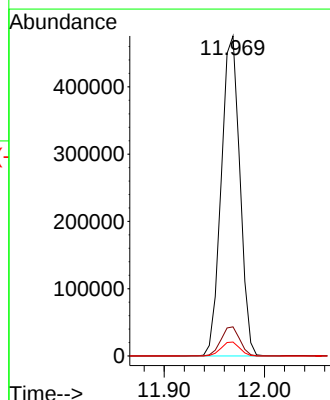
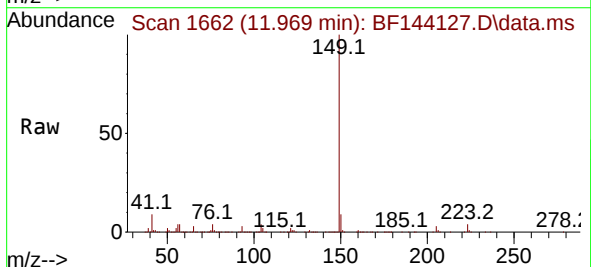
RT: 11.969 min Scan# 1662

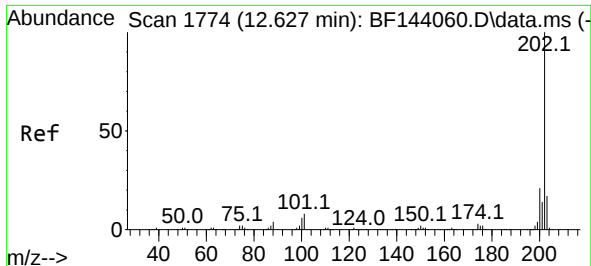
Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

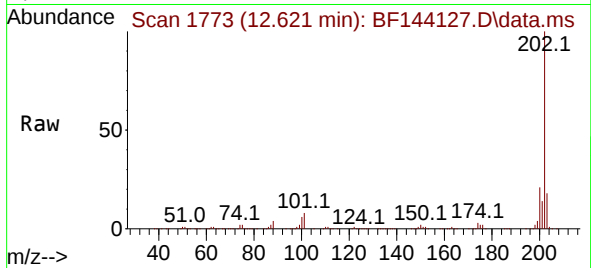
Tgt Ion:149	Resp: 610796
Ion Ratio	Lower Upper
149 100	
150 9.1	7.3 10.9
104 4.4	3.6 5.4





#75
Fluoranthene
Concen: 42.112 ng
RT: 12.621 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

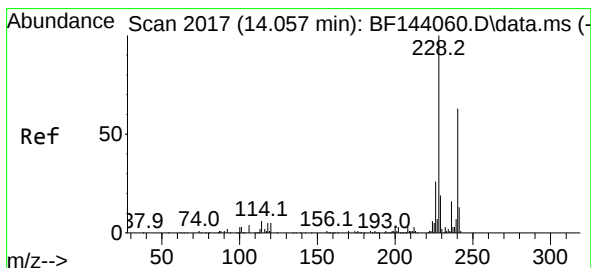
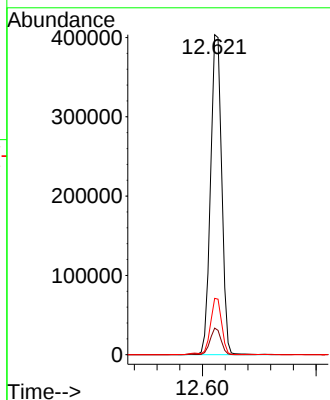
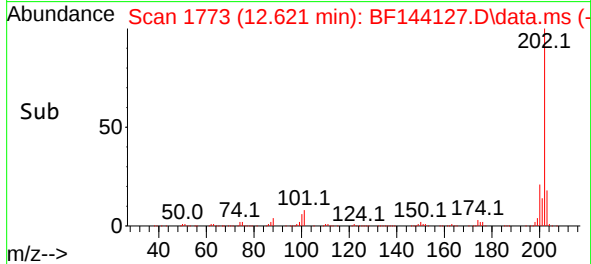
Instrument :
BNA_F
ClientSampleId :
TP-8MS



Tgt Ion:202 Resp: 546179
Ion Ratio Lower Upper
202 100
101 8.3 0.0 27.7
203 17.6 0.0 37.3

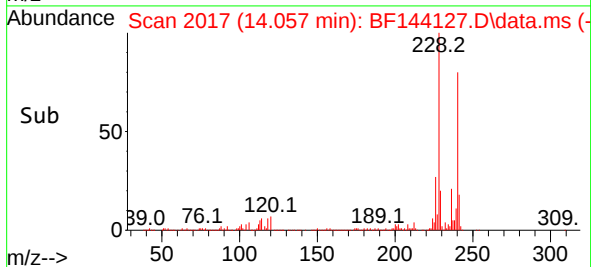
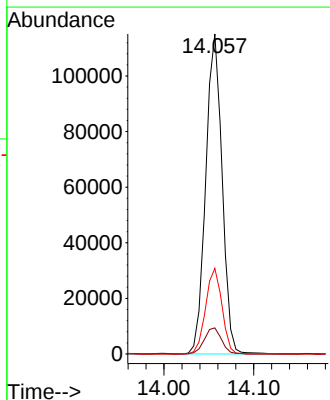
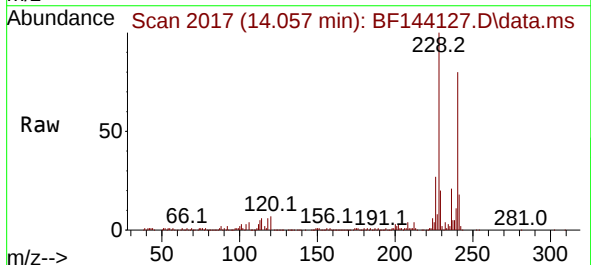
Manual Integrations
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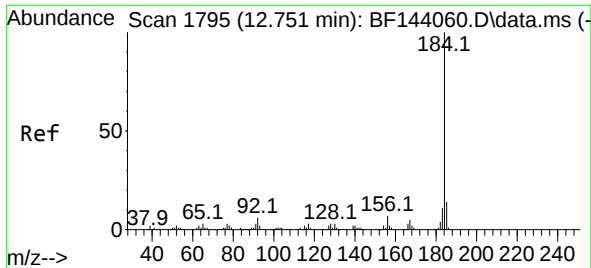
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

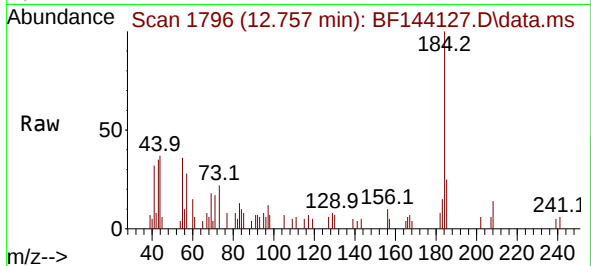
Tgt Ion:240 Resp: 145719
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 26.8 20.1 30.1





#77
Benzidine
Concen: 2.727 ng
RT: 12.757 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

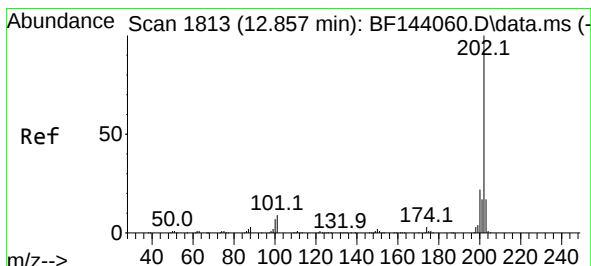
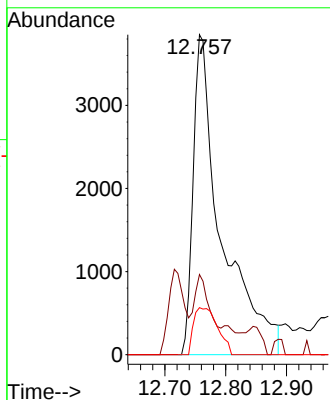
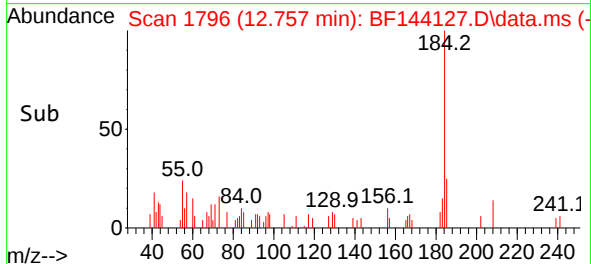
Instrument :
BNA_F
ClientSampleId :
TP-8MS



Tgt Ion:184 Resp: 12368
Ion Ratio Lower Upper
184 100
185 25.1 11.6 17.4
183 14.7 8.5 12.7

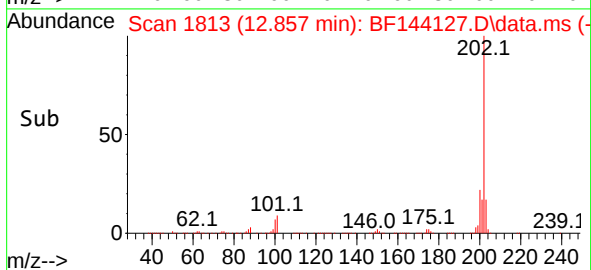
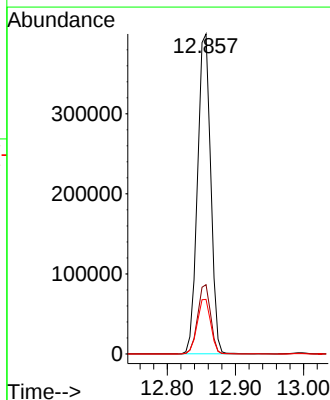
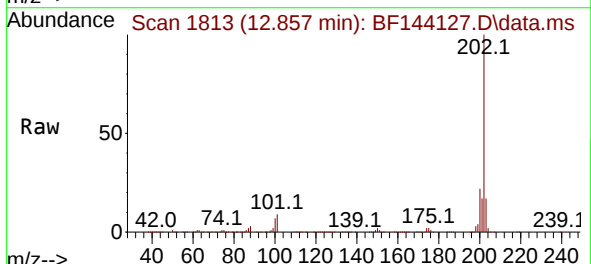
Manual Integrations
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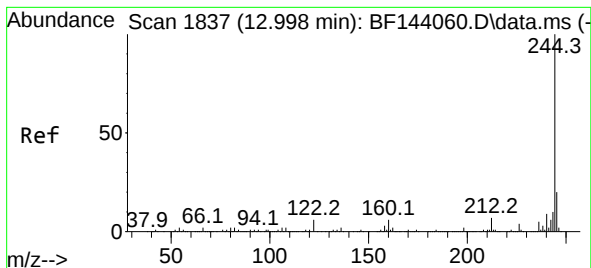
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#78
Pyrene
Concen: 51.157 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

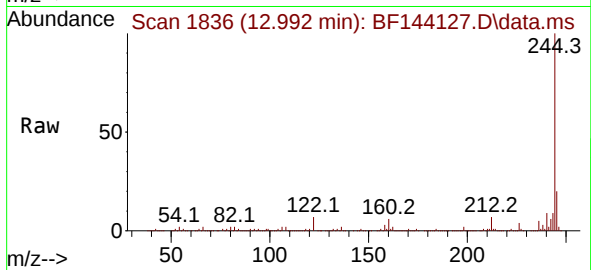
Tgt Ion:202 Resp: 535929
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.1 13.5 20.3





#79
 Terphenyl-d14
 Concen: 102.634 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF144127.D
 Acq: 29 Oct 2025 14:33

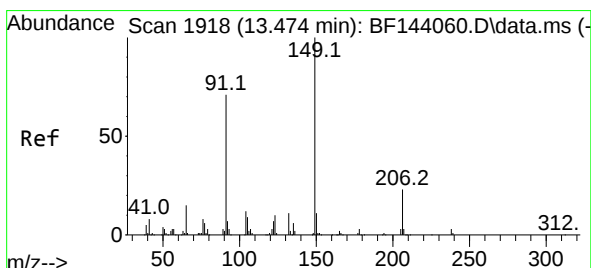
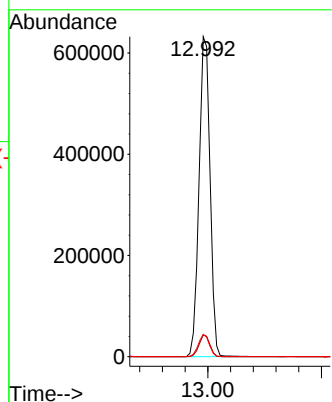
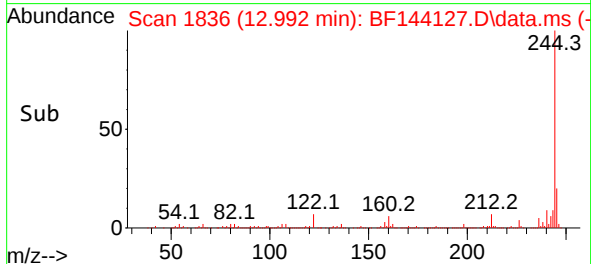
Instrument :
 BNA_F
 ClientSampleId :
 TP-8MS



Tgt Ion:244 Resp: 85548
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 7.0 4.9 7.3

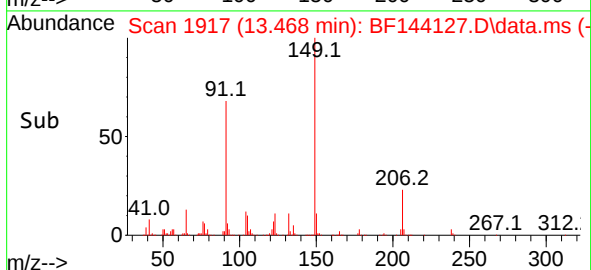
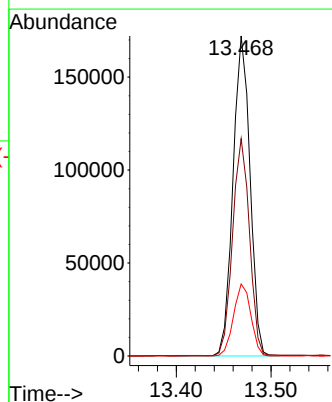
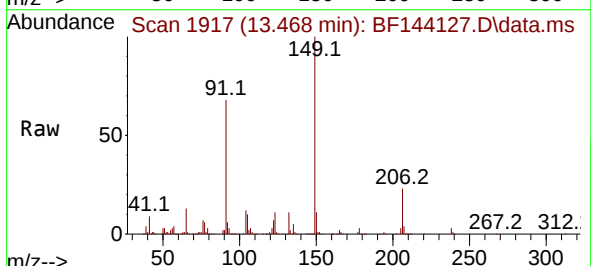
Manual Integrations
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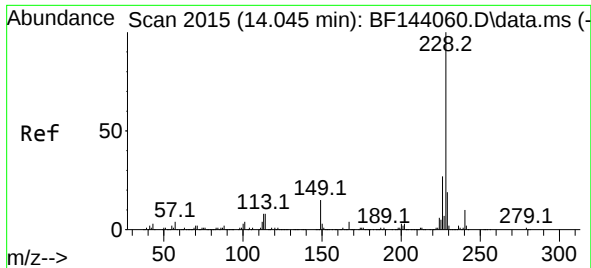
Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 10/30/2025



#80
 Butylbenzylphthalate
 Concen: 54.245 ng
 RT: 13.468 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF144127.D
 Acq: 29 Oct 2025 14:33

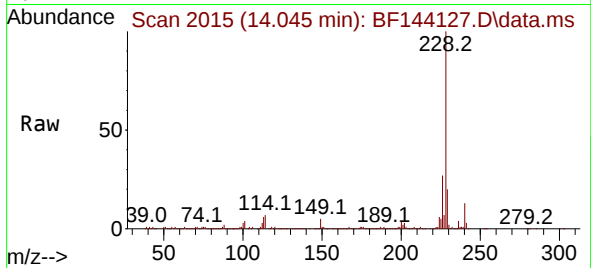
Tgt Ion:149 Resp: 214991
 Ion Ratio Lower Upper
 149 100
 91 67.9 56.6 84.8
 206 22.5 18.3 27.5





#81
Benzo(a)anthracene
Concen: 51.110 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

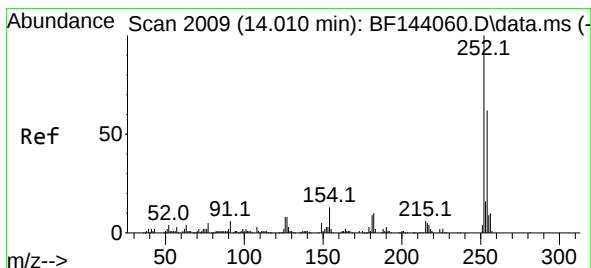
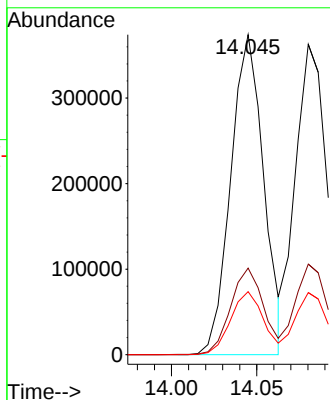
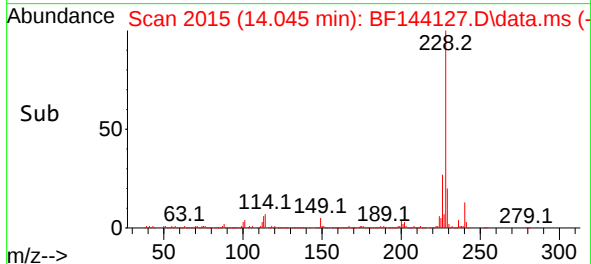
Instrument :
BNA_F
ClientSampleId :
TP-8MS



Tgt Ion:228 Resp: 503310
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.2
229 19.7 15.3 22.9

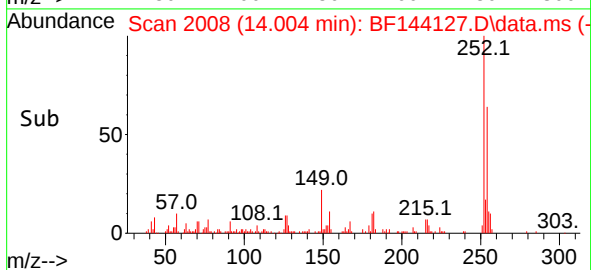
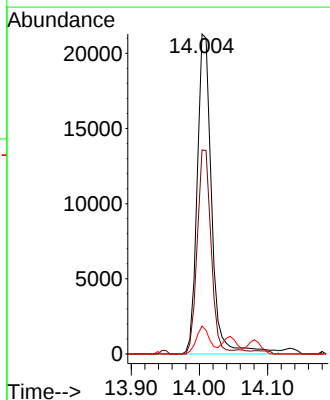
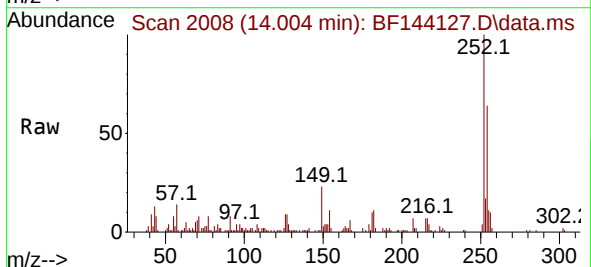
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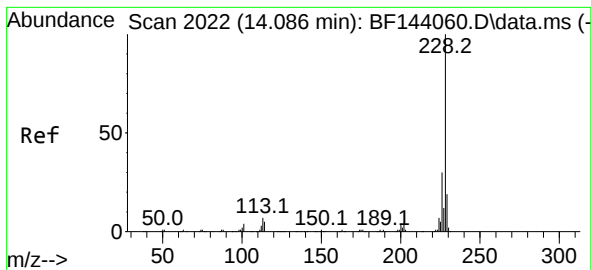
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#82
3,3'-Dichlorobenzidine
Concen: 9.189 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Tgt Ion:252 Resp: 31500
Ion Ratio Lower Upper
252 100
254 63.8 49.9 74.9
126 8.7 6.5 9.7





#83

Chrysene

Concen: 50.587 ng

RT: 14.080 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion:228 Resp: 46748

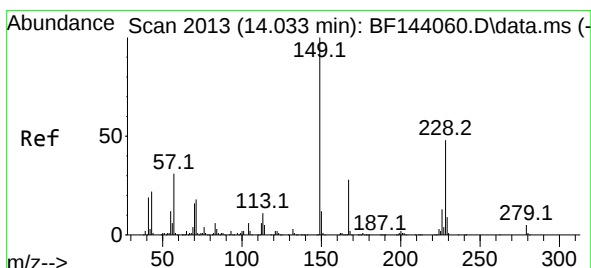
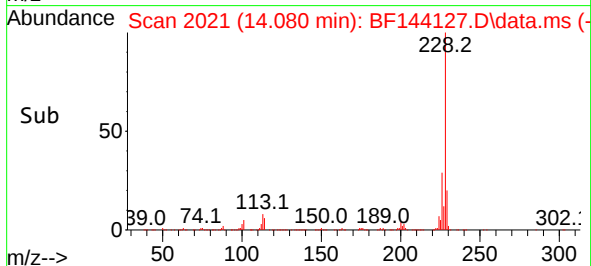
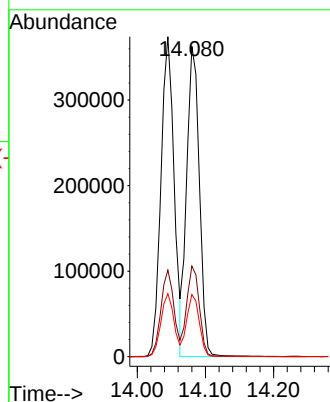
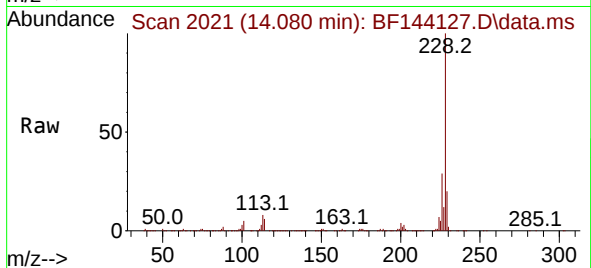
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.6
229	20.0	15.6	23.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.679 ng

RT: 14.027 min Scan# 2012

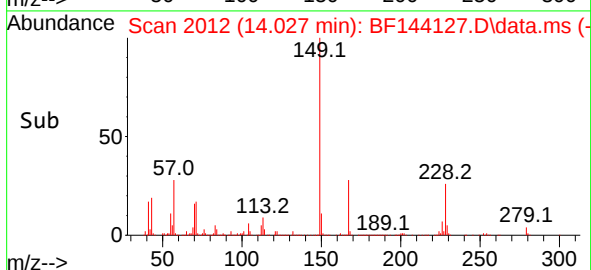
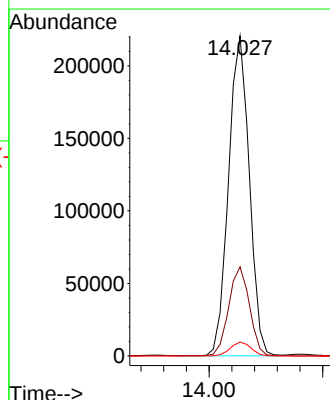
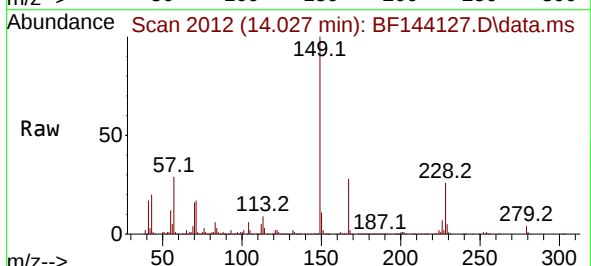
Delta R.T. -0.006 min

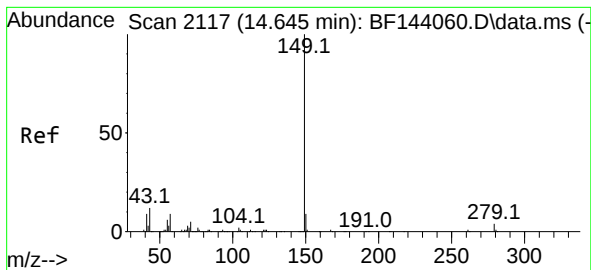
Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Tgt Ion:149 Resp: 279617

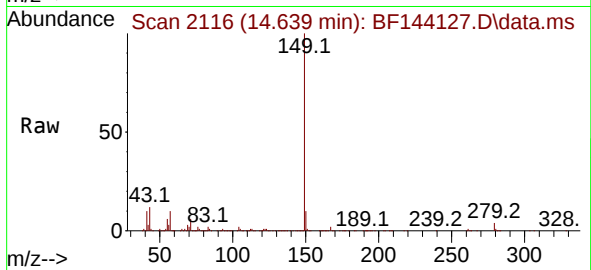
Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.5	33.7
279	4.4	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 52.664 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

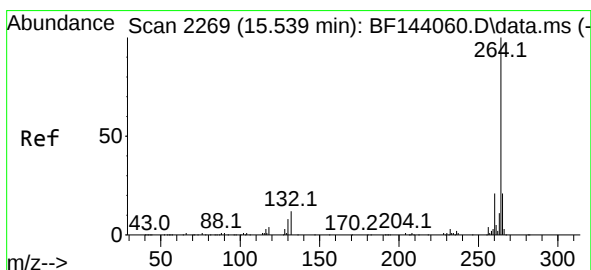
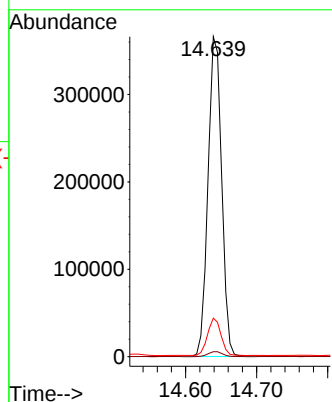
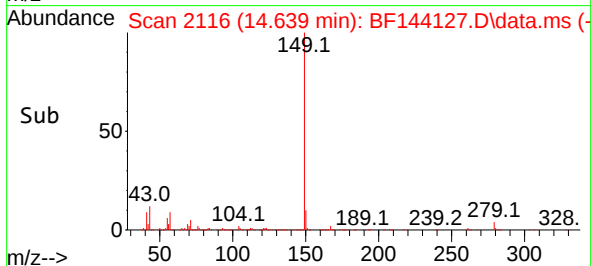
Instrument :
BNA_F
ClientSampleId :
TP-8MS



Tgt Ion:149 Resp: 490030
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.4 9.3 13.9

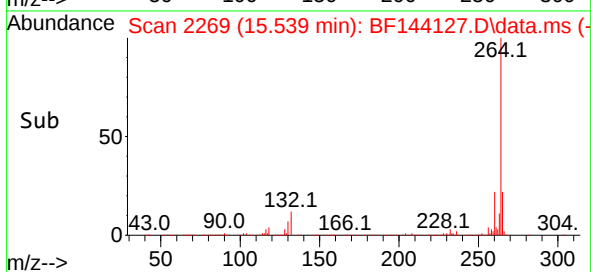
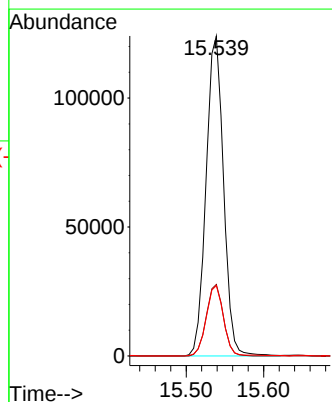
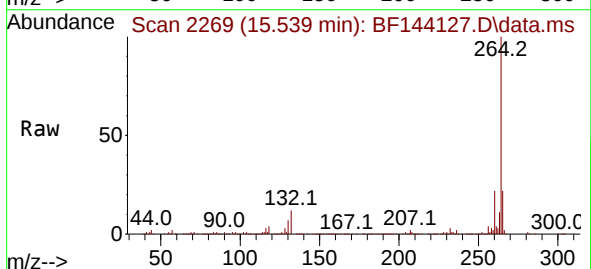
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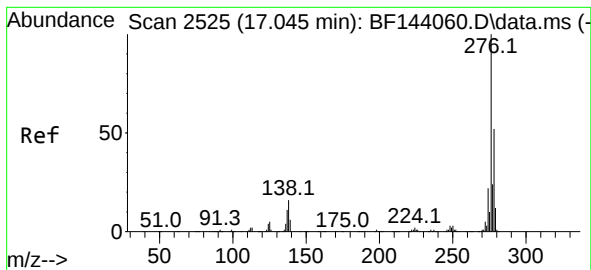
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144127.D
Acq: 29 Oct 2025 14:33

Tgt Ion:264 Resp: 194108
Ion Ratio Lower Upper
264 100
260 22.3 17.0 25.4
265 22.0 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.506 ng

RT: 17.045 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion:276 Resp: 539800

Ion Ratio Lower Upper

276 100

138 17.1 13.0 19.6

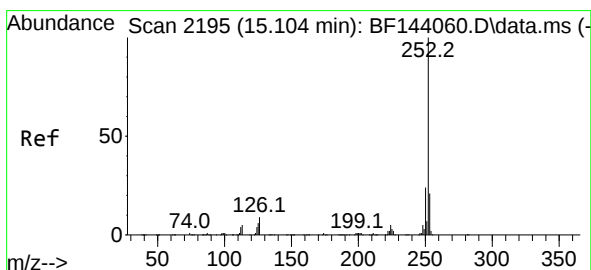
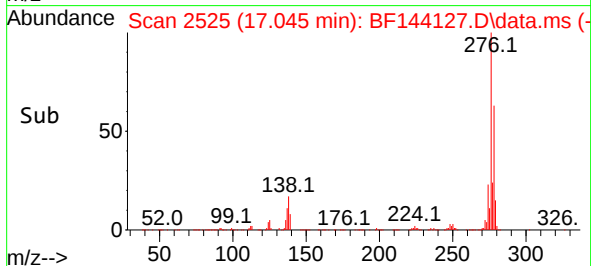
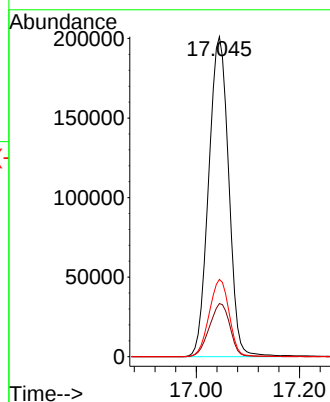
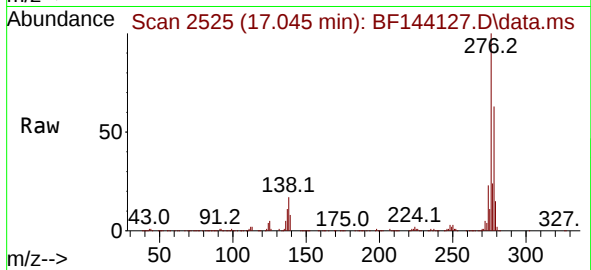
277 24.2 19.4 29.0

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#88

Benzo(b)fluoranthene

Concen: 47.961 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

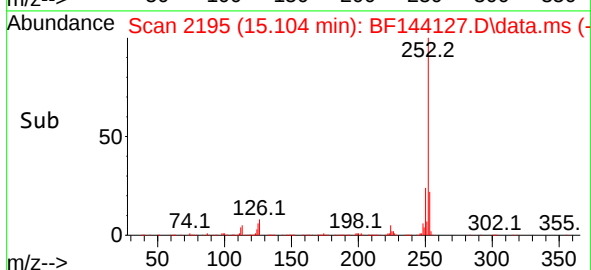
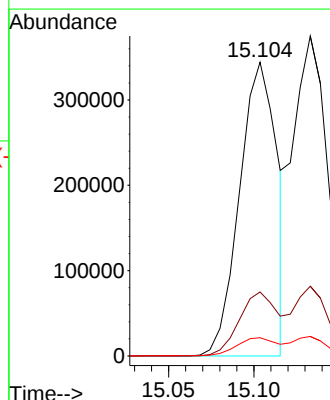
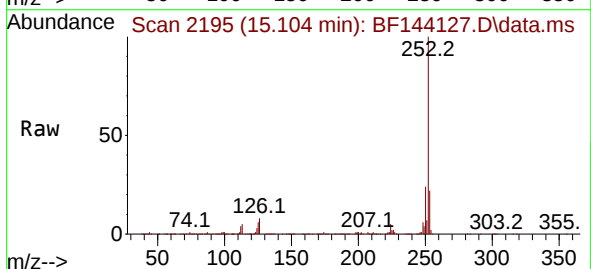
Tgt Ion:252 Resp: 526302

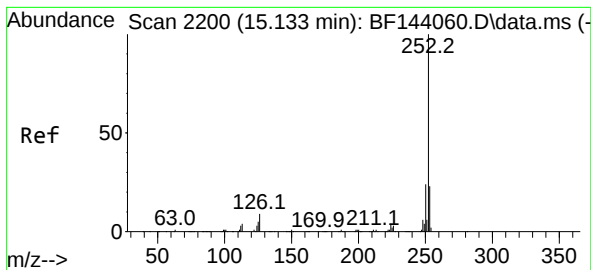
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 6.2 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 53.047 ng

RT: 15.133 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

TP-8MS

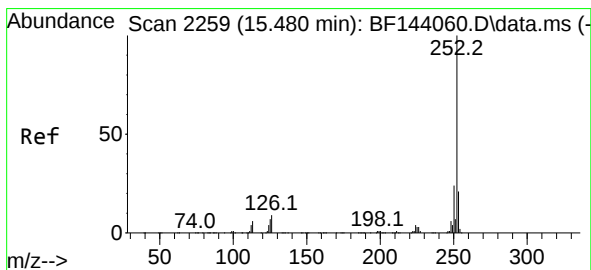
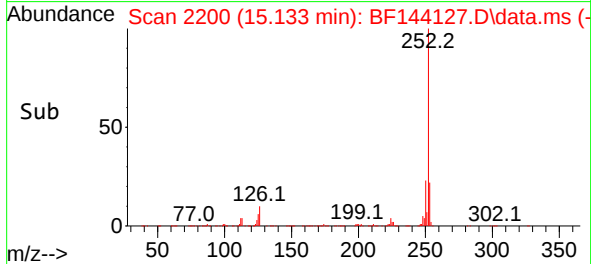
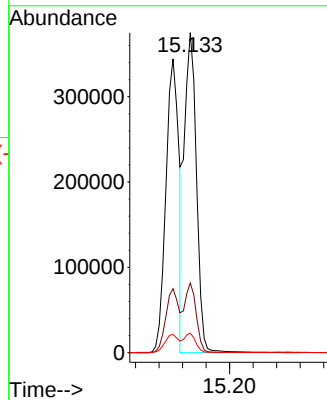
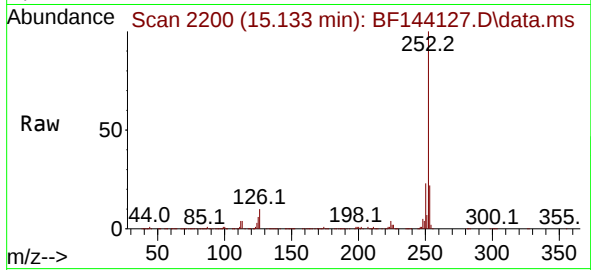
Tgt Ion:252 Resp: 53707
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.4 26.2
 125 6.1 4.9 7.3

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#90

Benzo(a)pyrene

Concen: 52.375 ng

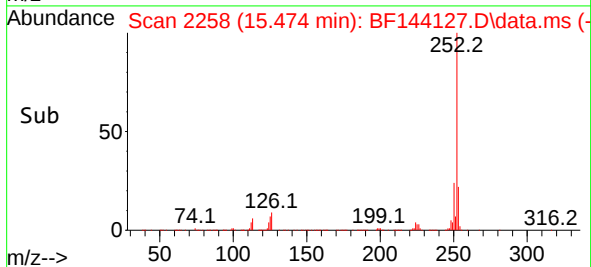
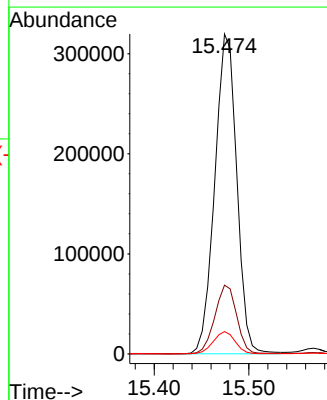
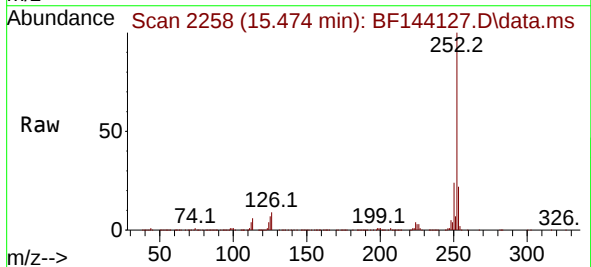
RT: 15.474 min Scan# 2258

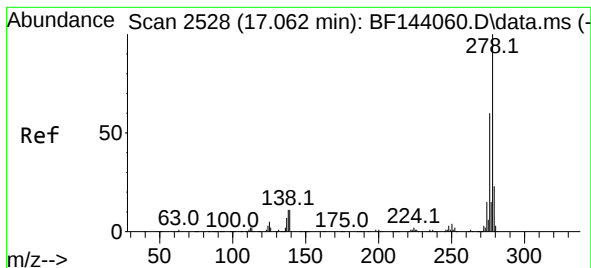
Delta R.T. -0.006 min

Lab File: BF144127.D

Acq: 29 Oct 2025 14:33

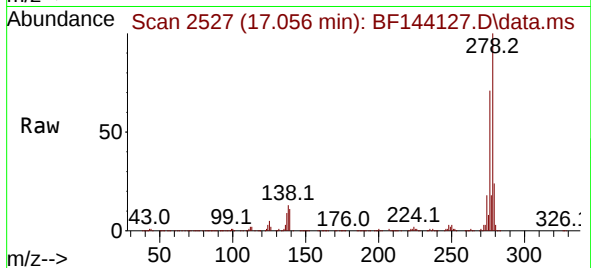
Tgt Ion:252 Resp: 515620
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.1 25.7
 125 7.0 5.4 8.2





#91
 Dibenzo(a,h)anthracene
 Concen: 42.359 ng
 RT: 17.056 min Scan# 2528
 Delta R.T. -0.006 min
 Lab File: BF144127.D
 Acq: 29 Oct 2025 14:33

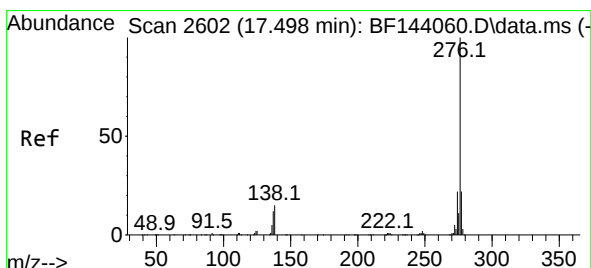
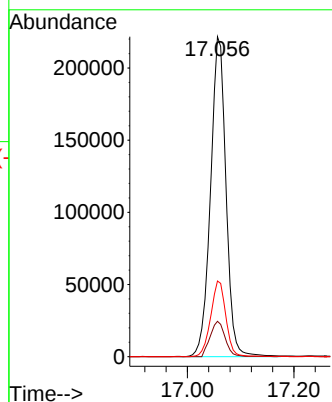
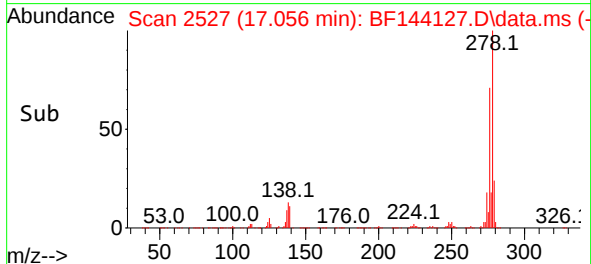
Instrument :
 BNA_F
 ClientSampleId :
 TP-8MS



Tgt Ion:278 Resp: 446840
 Ion Ratio Lower Upper
 278 100
 139 11.1 8.5 12.7
 279 23.7 18.6 28.0

Manual Integrations
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Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 10/30/2025



#92
 Benzo(g,h,i)perylene
 Concen: 37.345 ng
 RT: 17.498 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: BF144127.D
 Acq: 29 Oct 2025 14:33

Tgt Ion:276 Resp: 396078
 Ion Ratio Lower Upper
 276 100
 277 23.7 17.9 26.9
 138 14.9 12.0 18.0

