

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144246.D
 Acq On : 13 Nov 2025 16:24
 Operator : RC/JU
 Sample : PB170473BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170473BSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 13 16:47:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	58832	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	241570	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	135120	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	232588	20.000	ng	0.00
76) Chrysene-d12	14.045	240	118249	20.000	ng	0.00
86) Perylene-d12	15.521	264	155276	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	455253	121.093	ng	0.00
7) Phenol-d6	6.498	99	518984	121.831	ng	0.00
23) Nitrobenzene-d5	7.434	82	342926	81.987	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	210542	124.170	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	718260	78.510	ng	0.00
79) Terphenyl-d14	12.986	244	700771	94.133	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	61363	39.479	ng	99
3) Pyridine	3.463	79	173054	39.908	ng	99
4) n-Nitrosodimethylamine	3.410	42	110714	48.879	ng	94
6) Aniline	6.534	93	200047	32.961	ng	99
8) 2-Chlorophenol	6.651	128	165957	45.012	ng	98
9) Benzaldehyde	6.422	77	98326	40.876	ng	99
10) Phenol	6.516	94	224574	43.149	ng	90
11) bis(2-Chloroethyl)ether	6.604	93	170416	44.936	ng	97
12) 1,3-Dichlorobenzene	6.810	146	199178	43.780	ng	99
13) 1,4-Dichlorobenzene	6.887	146	204670	44.904	ng	99
14) 1,2-Dichlorobenzene	7.034	146	199288	45.617	ng	98
15) Benzyl Alcohol	7.010	79	160046	47.448	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	317923	45.523	ng	98
17) 2-Methylphenol	7.122	107	133795	45.616	ng	98
18) Hexachloroethane	7.375	117	66267	43.761	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	128277	45.743	ng	96
20) 3+4-Methylphenols	7.275	107	153078	44.273	ng	94
22) Acetophenone	7.275	105	218214	42.108	ng	# 92
24) Nitrobenzene	7.451	77	191943	42.265	ng	99
25) Isophorone	7.686	82	345984	43.731	ng	99
26) 2-Nitrophenol	7.763	139	99002	44.039	ng	95
27) 2,4-Dimethylphenol	7.804	122	155231	46.070	ng	94
28) bis(2-Chloroethoxy)met...	7.898	93	210138	42.534	ng	97
29) 2,4-Dichlorophenol	8.010	162	160319	41.281	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	170085	42.651	ng	97
31) Naphthalene	8.169	128	471894	41.066	ng	100
32) Benzoic acid	7.934	122	103430	41.876	ng	95
33) 4-Chloroaniline	8.222	127	70111	16.729	ng	99
34) Hexachlorobutadiene	8.286	225	121293	40.358	ng	97
35) Caprolactam	8.592	113	50453m	47.419	ng	
36) 4-Chloro-3-methylphenol	8.704	107	151236	43.453	ng	99
37) 2-Methylnaphthalene	8.863	142	297986	38.785	ng	99
38) 1-Methylnaphthalene	8.963	142	299912	40.456	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	181158	40.909	ng	# 98
41) Hexachlorocyclopentadiene	9.016	237	190222	100.084	ng	95
43) 2,4,6-Trichlorophenol	9.145	196	123600	41.009	ng	97

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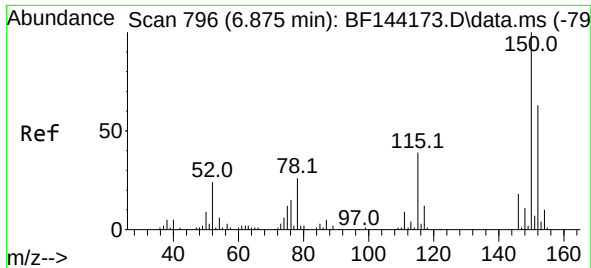
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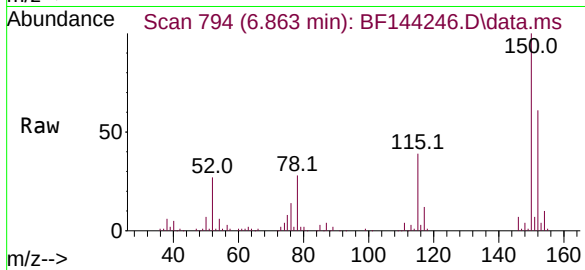
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	134698	41.466	ng	99
46) 1,1'-Biphenyl	9.328	154	397971	42.195	ng	98
47) 2-Chloronaphthalene	9.351	162	338120	42.026	ng	98
48) 2-Nitroaniline	9.451	65	108204	46.612	ng	99
49) Acenaphthylene	9.769	152	515625	47.030	ng	100
50) Dimethylphthalate	9.628	163	398788	44.550	ng	100
51) 2,6-Dinitrotoluene	9.692	165	85929	47.421	ng	99
52) Acenaphthene	9.939	154	279860	38.172	ng	99
53) 3-Nitroaniline	9.863	138	49936	25.209	ng	99
54) 2,4-Dinitrophenol	9.975	184	97089	88.729	ng	96
55) Dibenzofuran	10.116	168	428345	41.716	ng	99
56) 4-Nitrophenol	10.033	139	115883	80.874	ng	97
57) 2,4-Dinitrotoluene	10.098	165	113163	46.650	ng	94
58) Fluorene	10.457	166	332939	42.646	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	106276	46.242	ng	97
60) Diethylphthalate	10.327	149	364140	44.128	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	184953	41.590	ng	95
62) 4-Nitroaniline	10.480	138	83170	44.089	ng	97
63) Azobenzene	10.610	77	356045	46.361	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	70115	44.375	ng	96
66) n-Nitrosodiphenylamine	10.569	169	330545	44.187	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	124320	41.876	ng	96
68) Hexachlorobenzene	11.004	284	154570	44.203	ng	99
69) Atrazine	11.092	200	107065	45.004	ng	99
70) Pentachlorophenol	11.204	266	141293	81.143	ng	97
71) Phenanthrene	11.422	178	499513	43.135	ng	100
72) Anthracene	11.474	178	511664	43.453	ng	100
73) Carbazole	11.627	167	430878	43.033	ng	99
74) Di-n-butylphthalate	11.957	149	496536	41.021	ng	100
75) Fluoranthene	12.616	202	487529	40.755	ng	100
77) Benzidine	12.733	184	145434	41.580	ng	98
78) Pyrene	12.845	202	471436	49.446	ng	100
80) Butylbenzylphthalate	13.457	149	145023	43.887	ng	99
81) Benzo(a)anthracene	14.033	228	364470	44.472	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	63171	22.487	ng	96
83) Chrysene	14.068	228	345638	45.686	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	174072	38.481	ng	99
85) Di-n-octyl phthalate	14.627	149	319844	40.981	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	509733	45.731	ng	100
88) Benzo(b)fluoranthene	15.092	252	375877	42.579	ng	99
89) Benzo(k)fluoranthene	15.121	252	371832	45.001	ng	99
90) Benzo(a)pyrene	15.462	252	383834	47.131	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	410772	45.888	ng	99
92) Benzo(g,h,i)perylene	17.480	276	411997	46.606	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

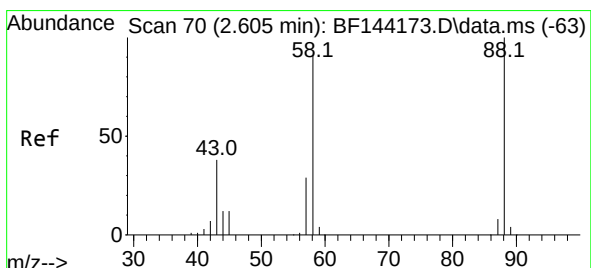
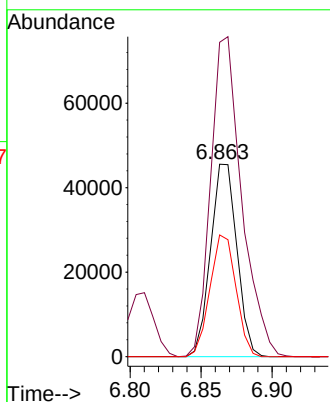
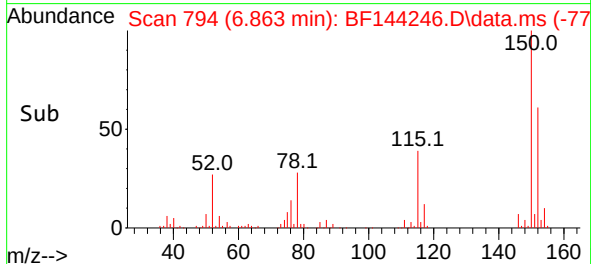
Instrument :
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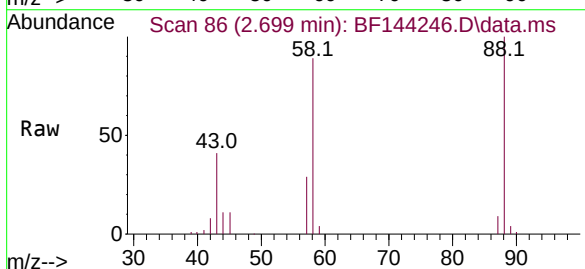
Tgt Ion:152 Resp: 58832
Ion Ratio Lower Upper
152 100
150 163.4 127.4 191.0
115 63.2 49.5 74.3

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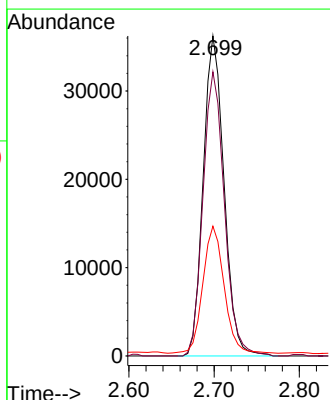
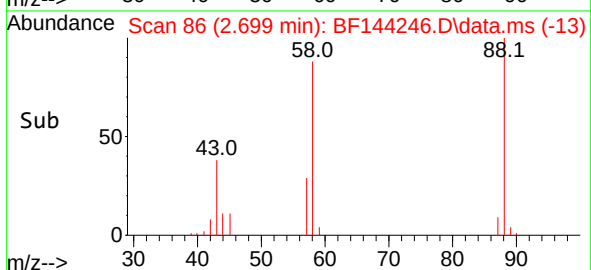
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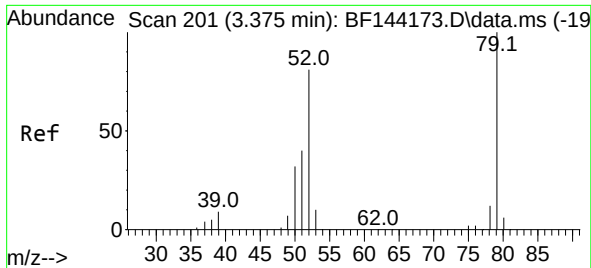


#2
1,4-Dioxane
Concen: 39.479 ng
RT: 2.699 min Scan# 86
Delta R.T. 0.082 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



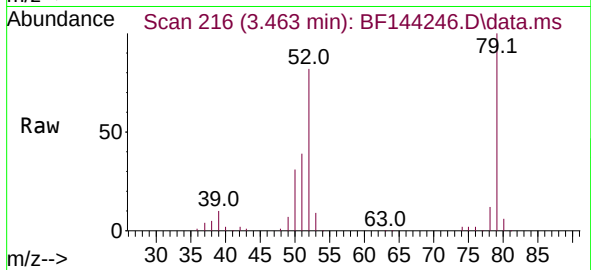
Tgt Ion: 88 Resp: 61363
Ion Ratio Lower Upper
88 100
58 91.6 73.1 109.7
43 40.6 31.0 46.6





#3
Pyridine
Concen: 39.908 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

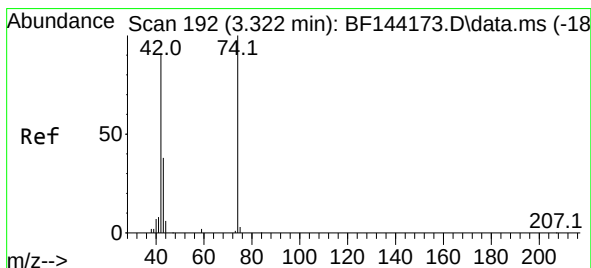
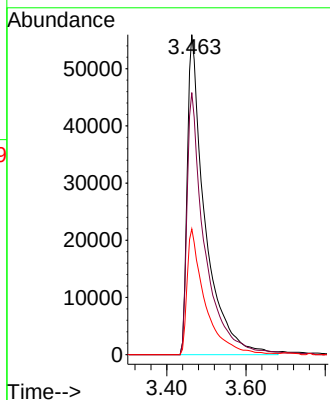
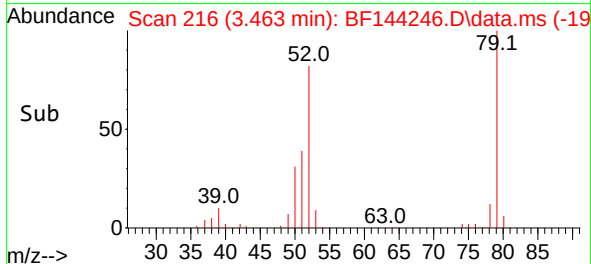
Instrument :
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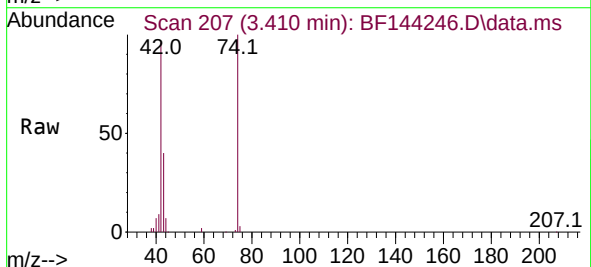
Tgt Ion: 79 Resp: 173054
Ion Ratio Lower Upper
79 100
52 81.9 64.5 96.7
51 39.3 31.7 47.5

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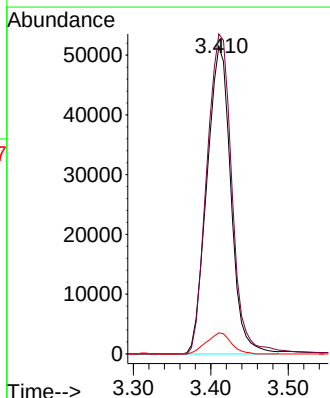
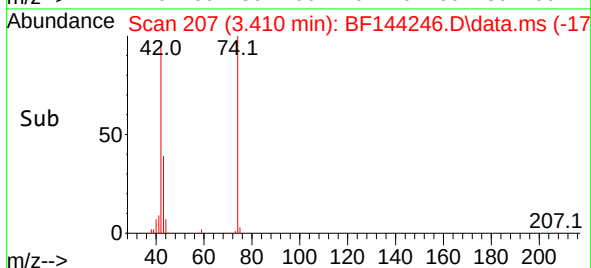
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Supervised By :Sohil Jodhani 11/14/2025

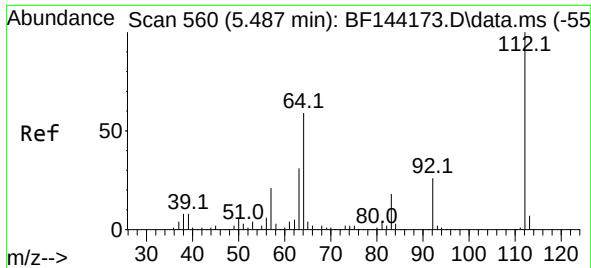


#4
n-Nitrosodimethylamine
Concen: 48.879 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.065 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



Tgt Ion: 42 Resp: 110714
Ion Ratio Lower Upper
42 100
74 104.1 88.2 132.4
44 6.8 5.7 8.5





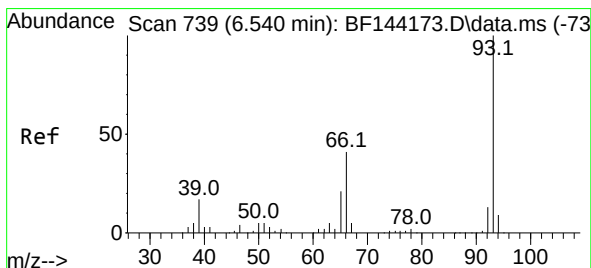
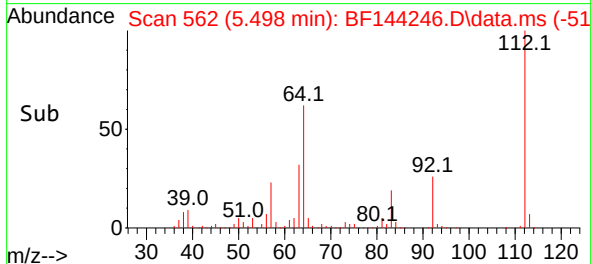
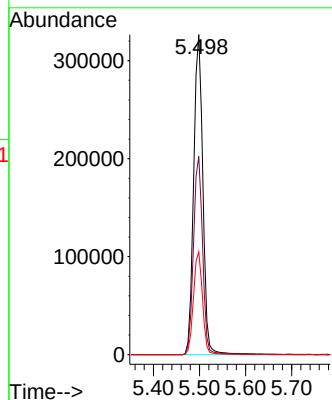
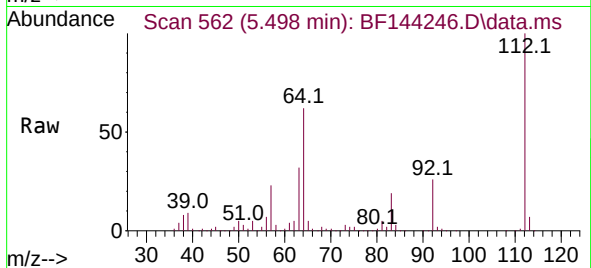
#5
2-Fluorophenol
Concen: 121.093 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Instrument :
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Tgt Ion:112 Resp: 455253
Ion Ratio Lower Upper
112 100
64 61.9 47.2 70.8
63 32.1 24.4 36.6

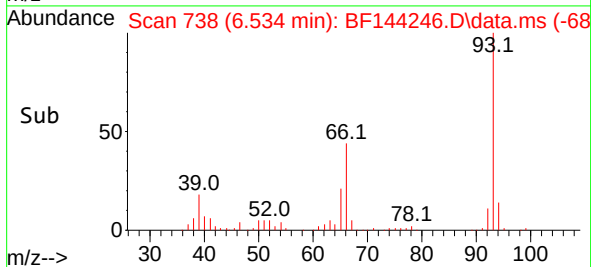
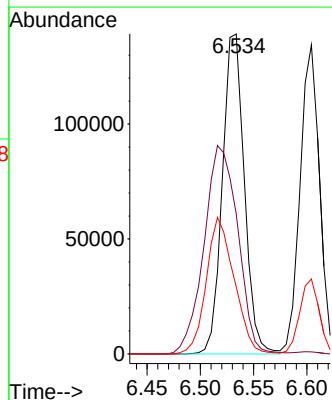
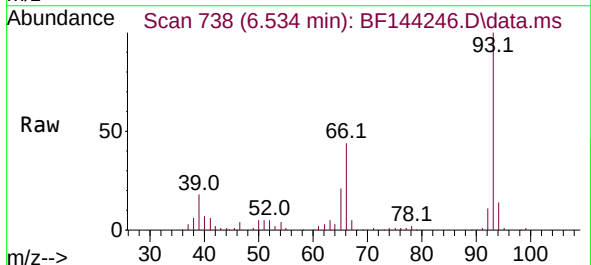
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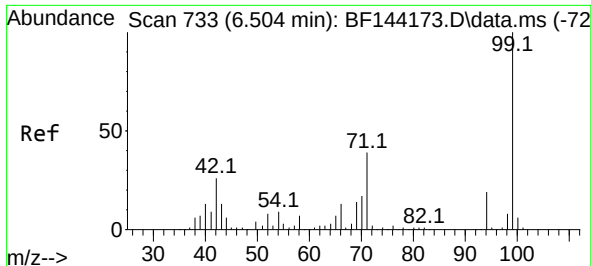
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#6
Aniline
Concen: 32.961 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

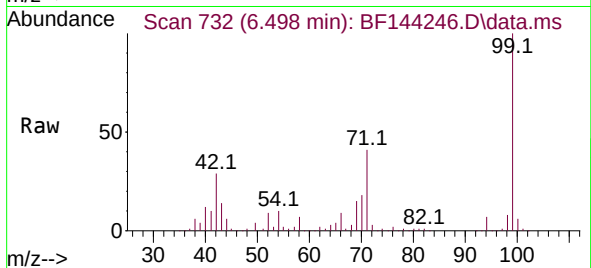
Tgt Ion: 93 Resp: 200047
Ion Ratio Lower Upper
93 100
66 43.8 34.3 51.5
65 21.0 16.9 25.3





#7
Phenol-d6
Concen: 121.831 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

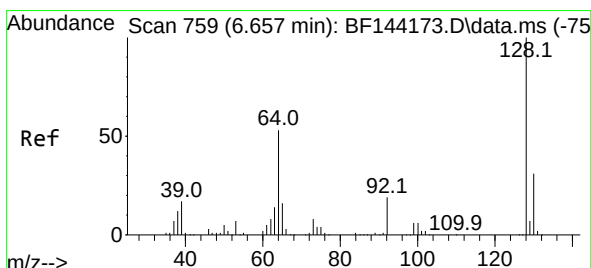
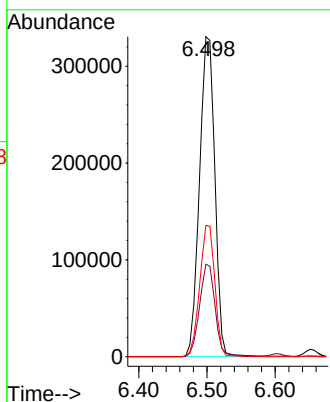
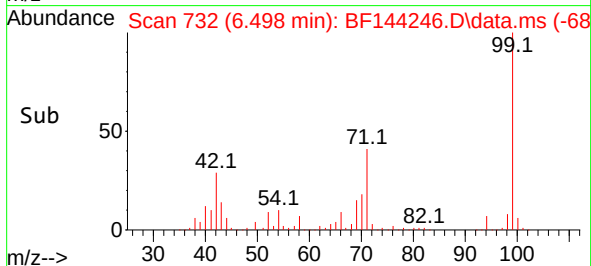
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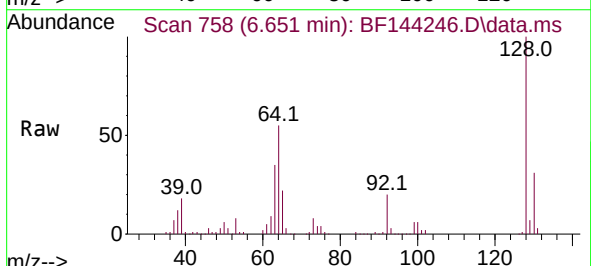
Tgt Ion: 99 Resp: 518984
Ion Ratio Lower Upper
99 100
42 28.9 20.9 31.3
71 41.0 31.4 47.2

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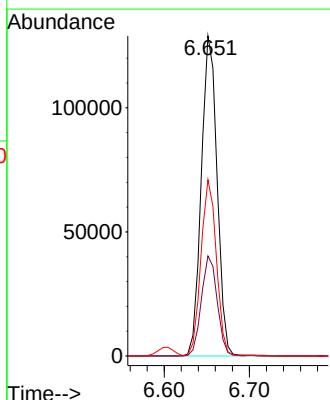
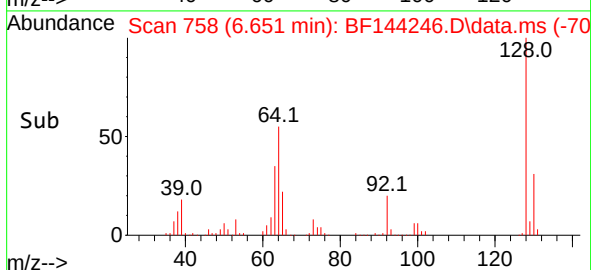
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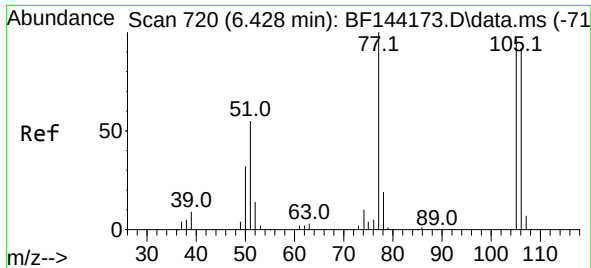


#8
2-Chlorophenol
Concen: 45.012 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



Tgt Ion:128 Resp: 165957
Ion Ratio Lower Upper
128 100
130 31.2 10.5 50.5
64 55.0 33.2 73.2





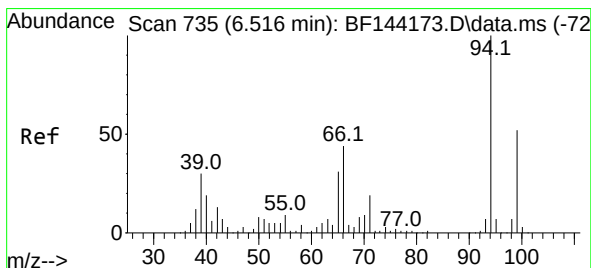
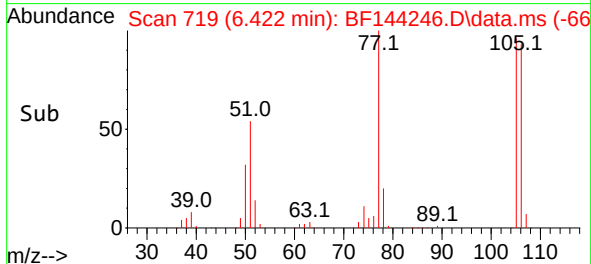
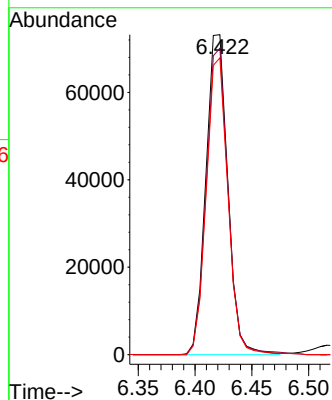
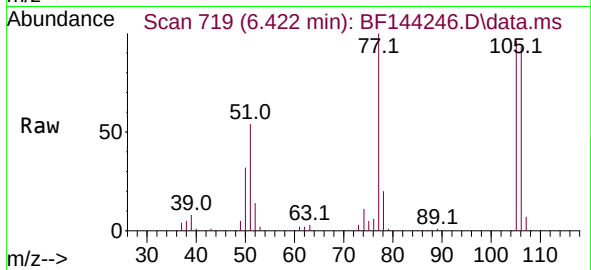
#9
Benzaldehyde
Concen: 40.876 ng
RT: 6.422 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Tgt Ion: 77 Resp: 98326
Ion Ratio Lower Upper
77 100
105 95.7 77.2 117.2
106 92.7 72.2 112.2

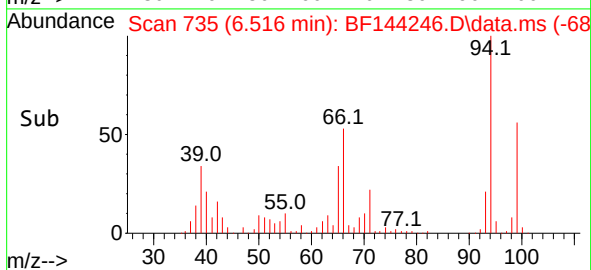
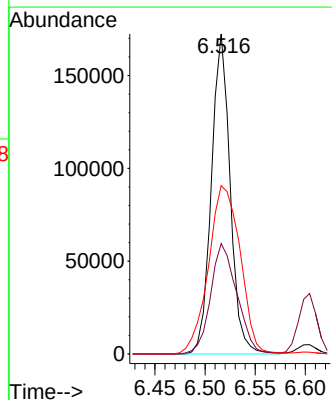
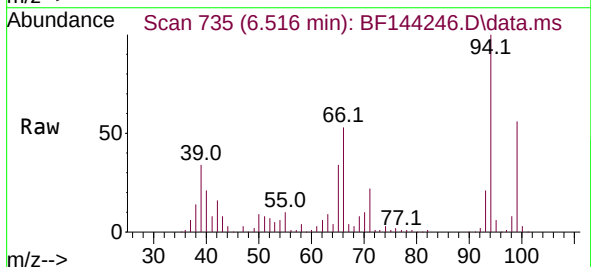
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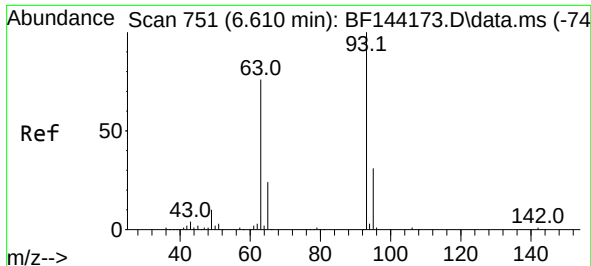
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#10
Phenol
Concen: 43.149 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Tgt Ion: 94 Resp: 224574
Ion Ratio Lower Upper
94 100
65 34.5 10.8 50.8
66 52.6 24.3 64.3





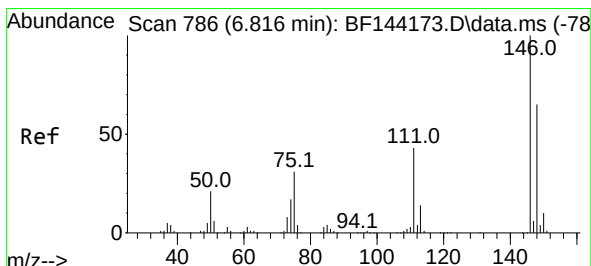
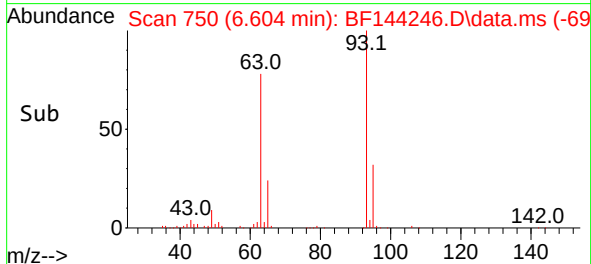
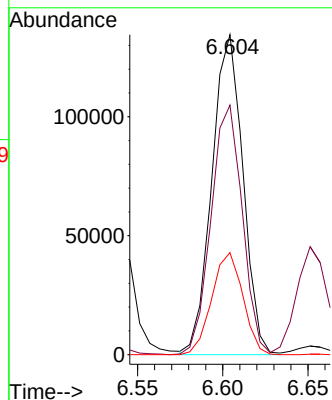
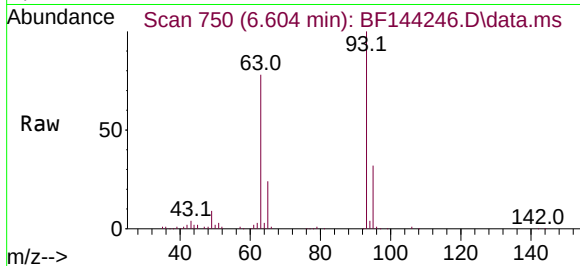
#11
bis(2-Chloroethyl)ether
Concen: 44.936 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Tgt Ion: 93 Resp: 170416
Ion Ratio Lower Upper
93 100
63 78.0 55.2 95.2
95 31.9 11.2 51.2

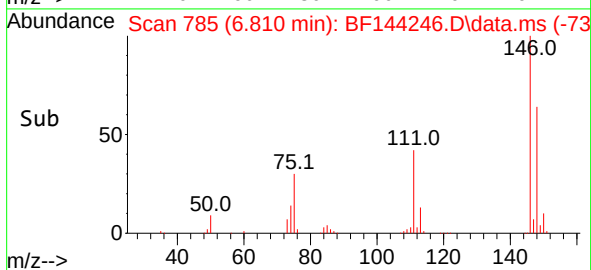
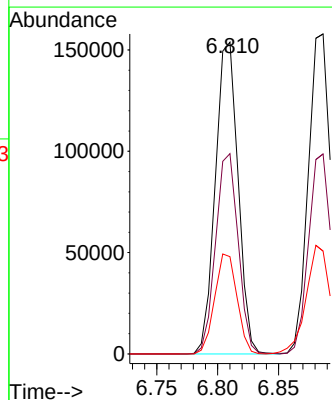
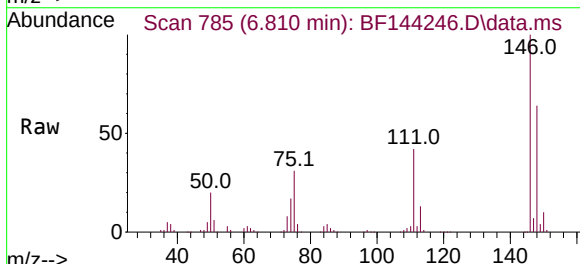
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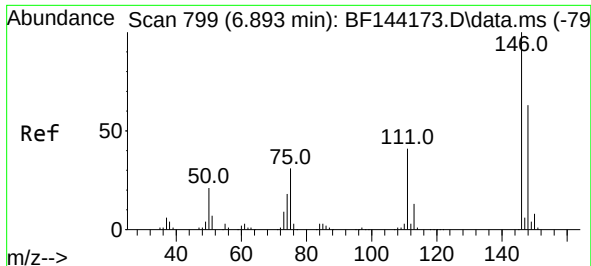
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#12
1,3-Dichlorobenzene
Concen: 43.780 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Tgt Ion:146 Resp: 199178
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 31.2 25.0 37.4





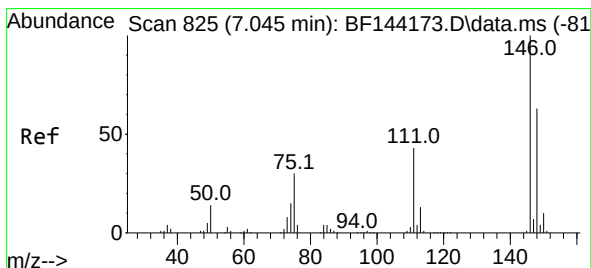
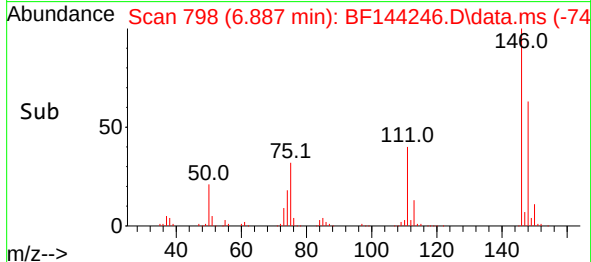
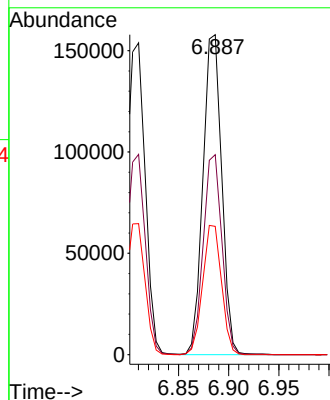
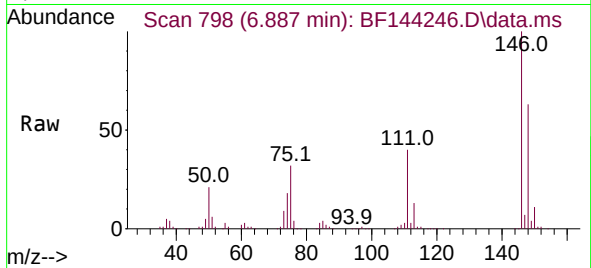
#13
1,4-Dichlorobenzene
Concen: 44.904 ng
RT: 6.887 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Tgt Ion:146 Resp: 204670
Ion Ratio Lower Upper
146 100
148 62.5 50.2 75.2
111 40.1 32.6 48.8

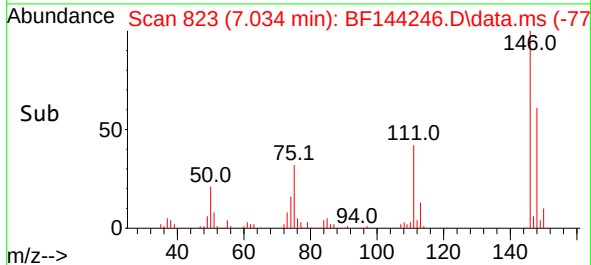
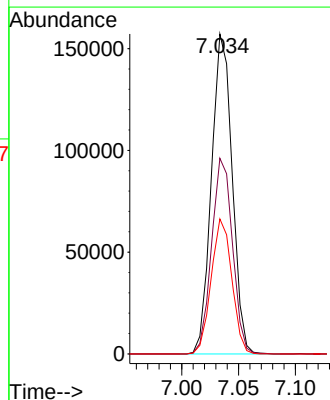
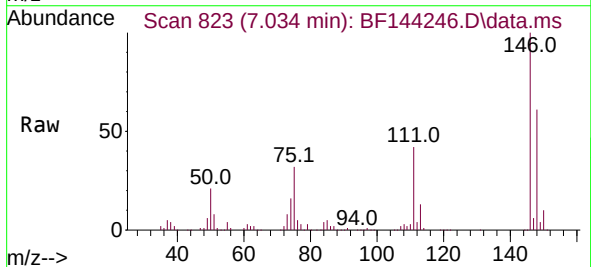
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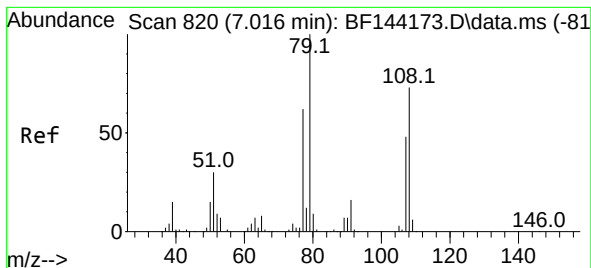
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#14
1,2-Dichlorobenzene
Concen: 45.617 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Tgt Ion:146 Resp: 199288
Ion Ratio Lower Upper
146 100
148 61.1 50.7 76.1
111 42.2 34.2 51.4





#15

Benzyl Alcohol

Concen: 47.448 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

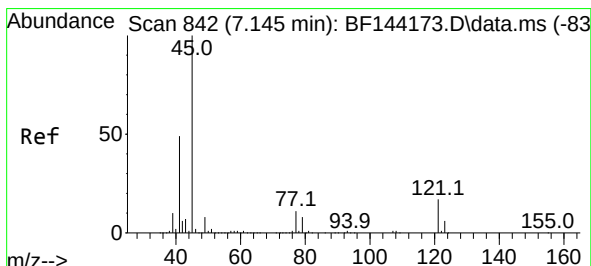
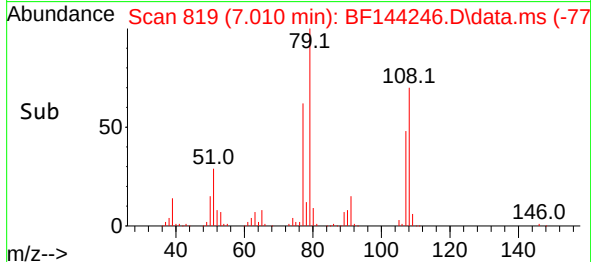
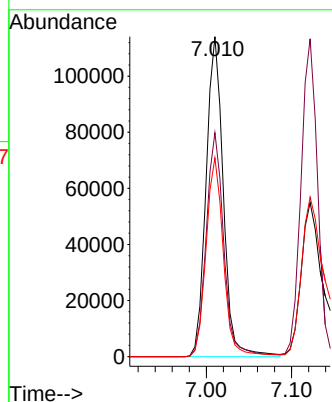
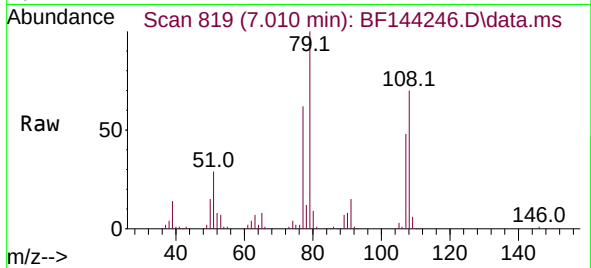
PB170473BSD

Tgt Ion: 79 Resp: 160046
 Ion Ratio Lower Upper
 79 100
 108 70.0 58.2 87.4
 77 62.1 49.9 74.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.523 ng

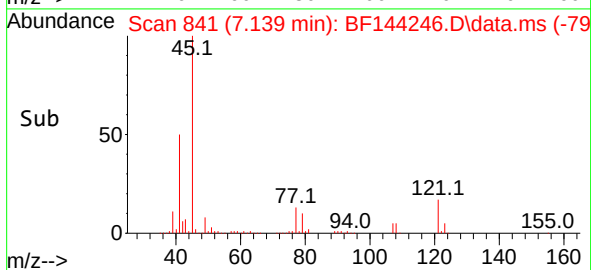
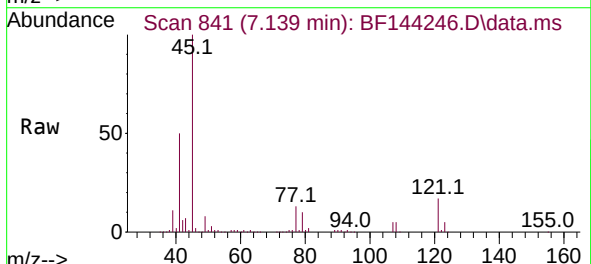
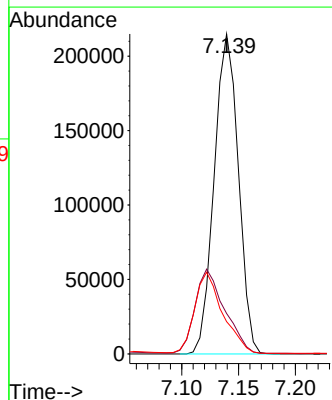
RT: 7.139 min Scan# 841

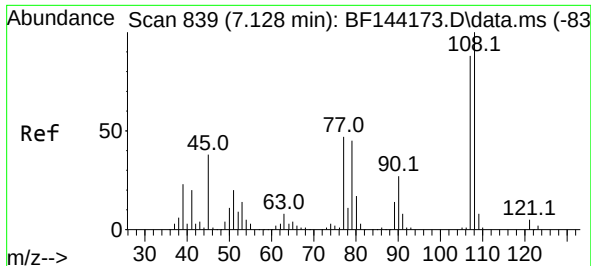
Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

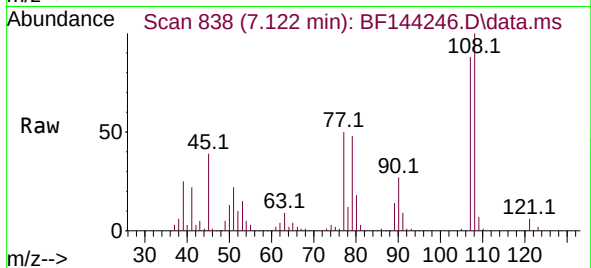
Tgt Ion: 45 Resp: 317923
 Ion Ratio Lower Upper
 45 100
 77 12.6 0.0 31.8
 79 10.1 0.0 29.1





#17
2-Methylphenol
Concen: 45.616 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

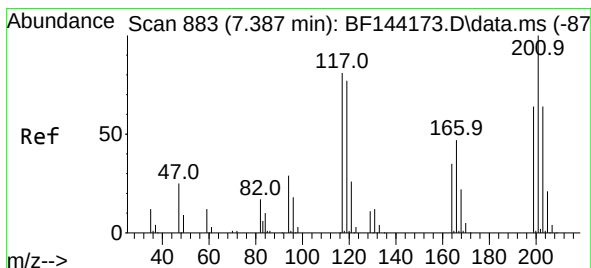
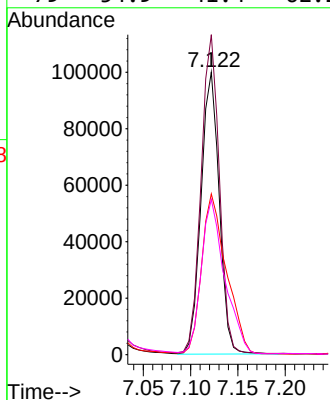
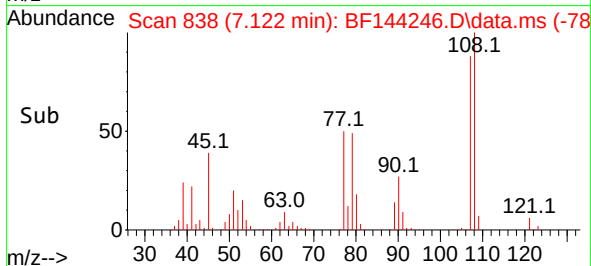
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:107 Resp: 133795
Ion Ratio Lower Upper
107 100
108 113.3 91.0 136.4
77 56.9 42.7 64.1
79 54.9 41.4 62.2

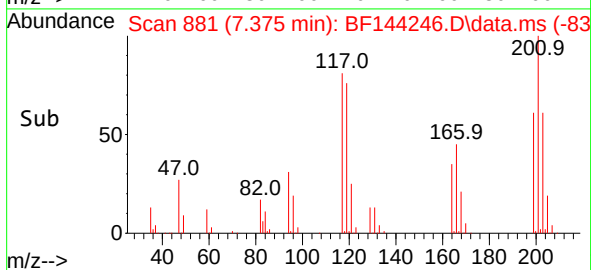
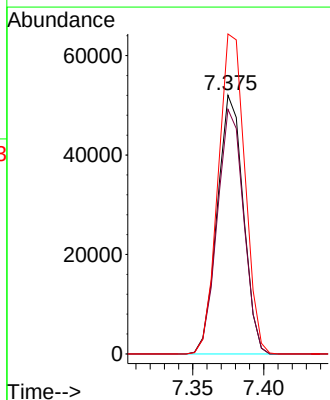
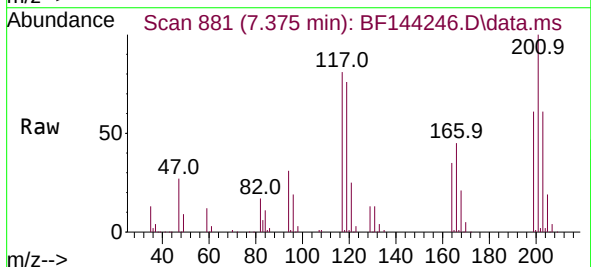
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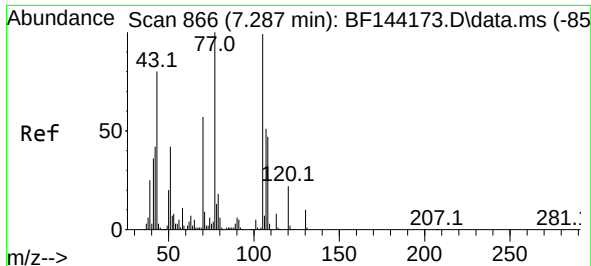
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#18
Hexachloroethane
Concen: 43.761 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Tgt Ion:117 Resp: 66267
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8
201 123.7 98.9 148.3





#19

n-Nitroso-di-n-propylamine

Concen: 45.743 ng

RT: 7.281 min Scan# 866

Delta R.T. 0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion: 70 Resp: 12827

Ion Ratio Lower Upper

70 100

42 76.6 58.3 87.5

101 8.5 7.0 10.6

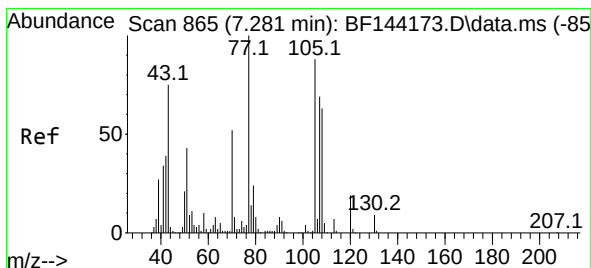
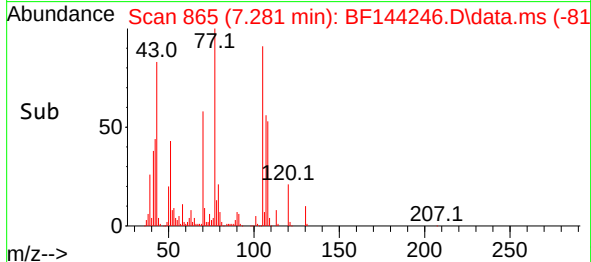
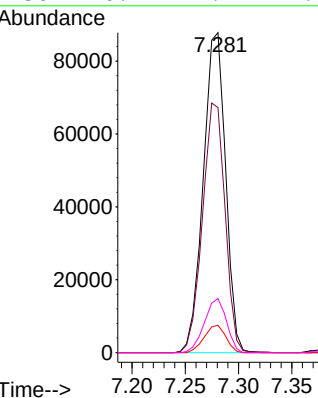
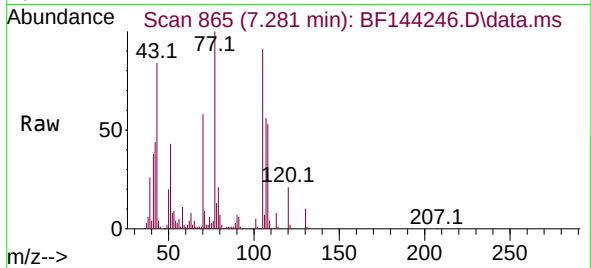
130 16.9 14.4 21.6

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#20

3+4-Methylphenols

Concen: 44.273 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Tgt Ion:107 Resp: 153078

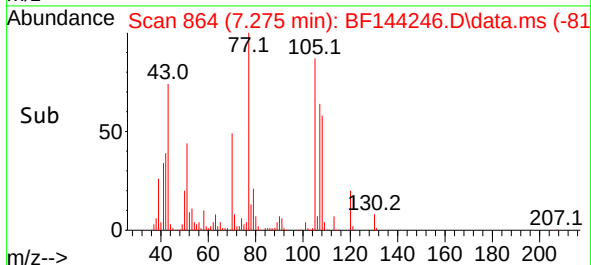
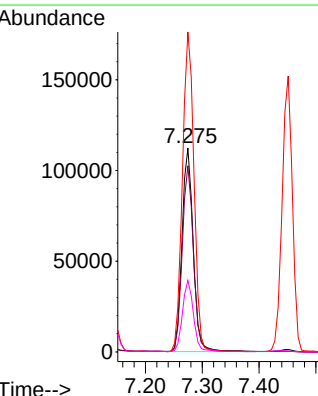
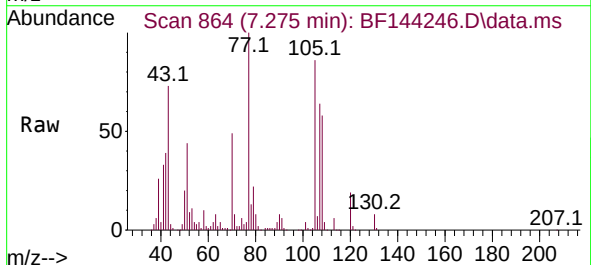
Ion Ratio Lower Upper

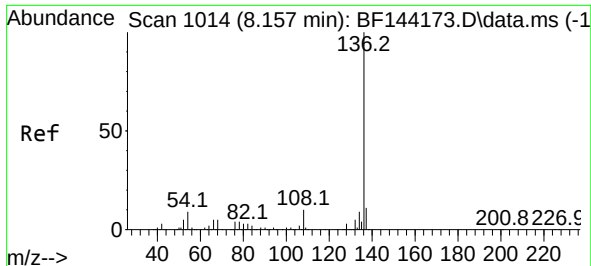
107 100

108 91.4 70.2 110.2

77 157.0 123.9 163.9

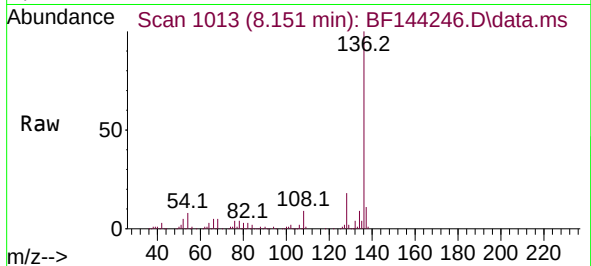
79 35.1 14.2 54.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

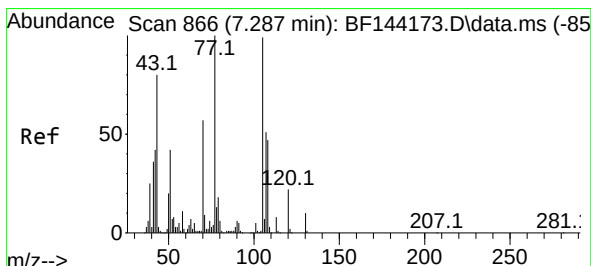
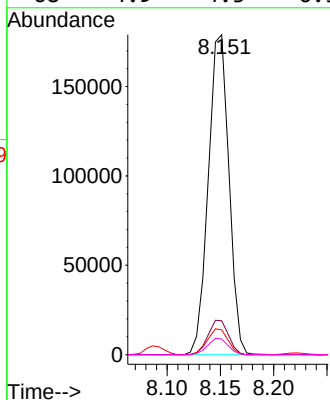
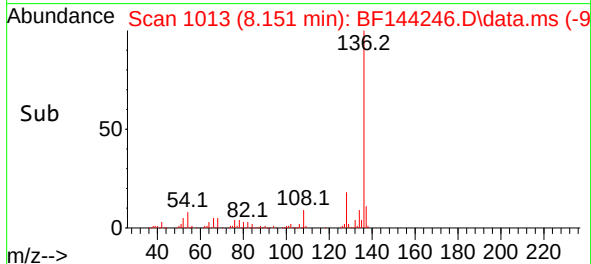
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



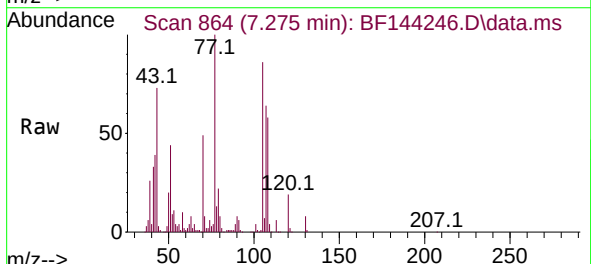
Tgt Ion:136 Resp: 241576
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.7 7.0 10.6
68 4.9 4.3 6.5

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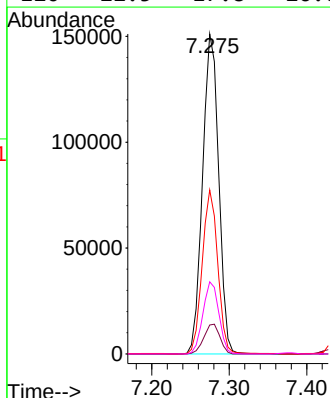
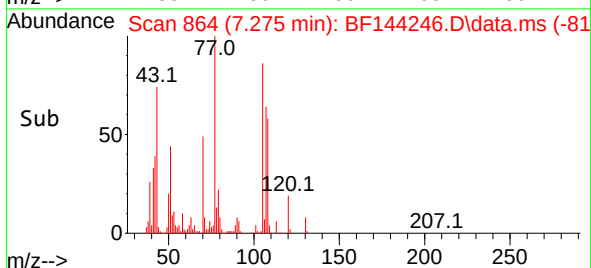
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

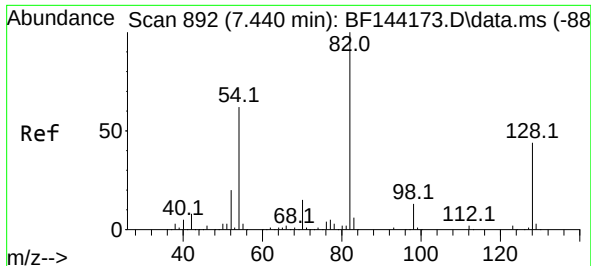


#22
Acetophenone
Concen: 42.108 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



Tgt Ion:105 Resp: 218214
Ion Ratio Lower Upper
105 100
71 9.0 7.2 10.8
51 51.2 34.0 51.0#
120 22.5 17.8 26.6





#23

Nitrobenzene-d5

Concen: 81.987 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

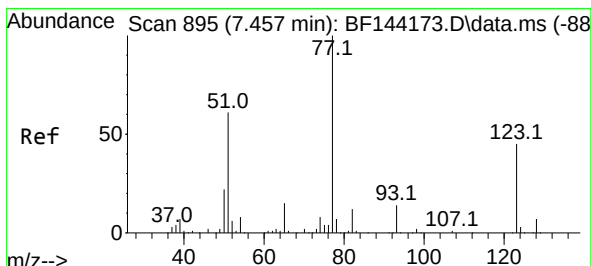
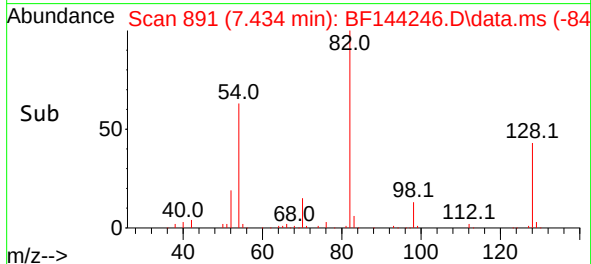
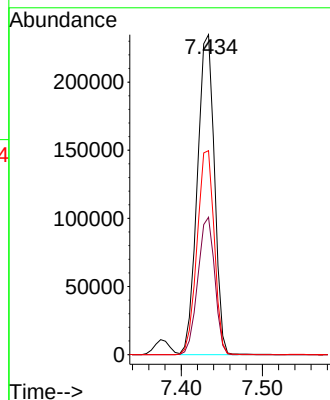
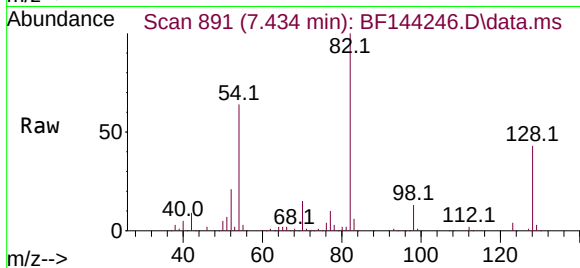
PB170473BSD

Tgt Ion: 82 Resp: 342926
 Ion Ratio Lower Upper
 82 100
 128 42.9 34.7 52.1
 54 63.7 49.5 74.3

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Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025



#24

Nitrobenzene

Concen: 42.265 ng

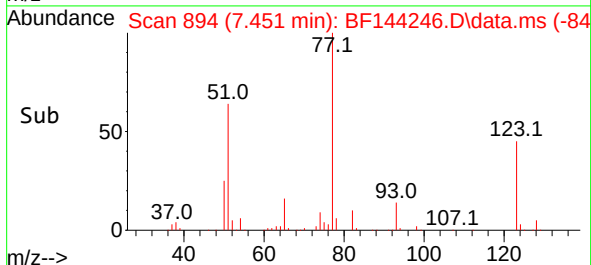
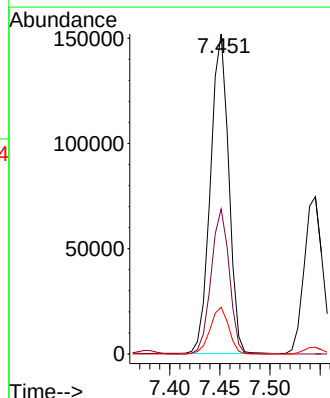
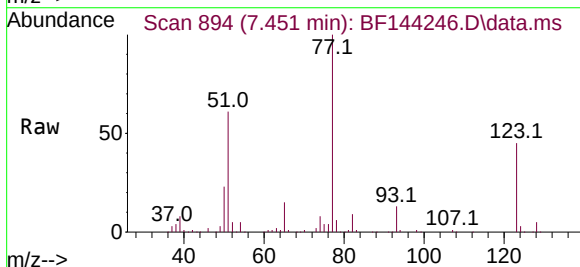
RT: 7.451 min Scan# 894

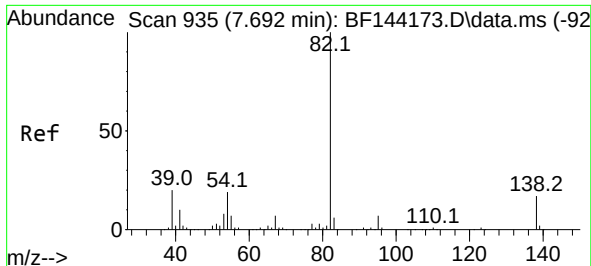
Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

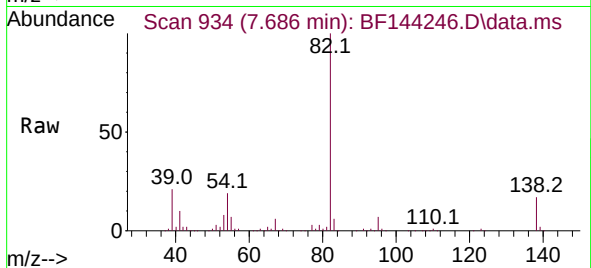
Tgt Ion: 77 Resp: 191943
 Ion Ratio Lower Upper
 77 100
 123 45.3 35.8 53.8
 65 14.6 12.2 18.2





#25
Isophorone
Concen: 43.731 ng
RT: 7.686 min Scan# 935
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

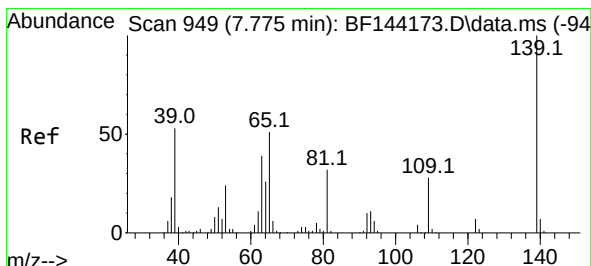
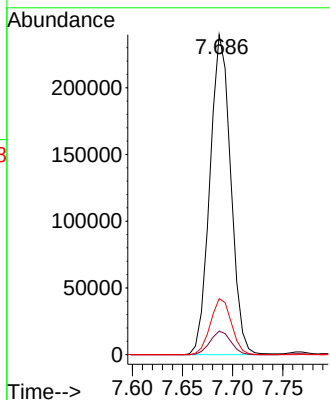
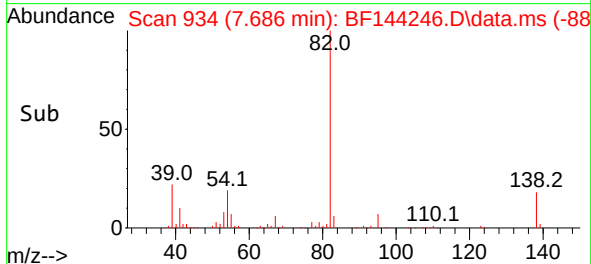
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion: 82 Resp: 345984
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 17.5 13.7 20.5

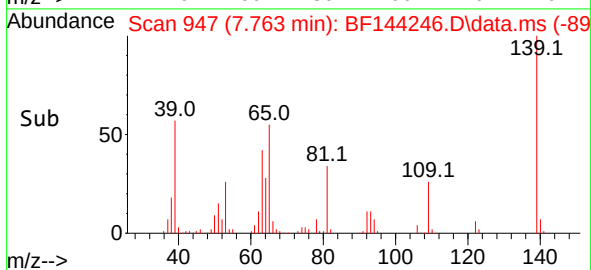
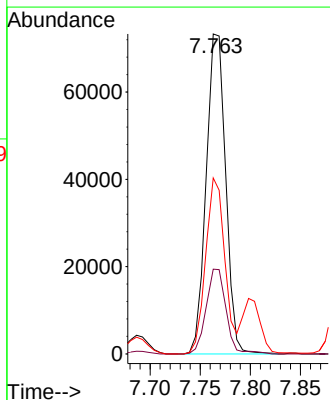
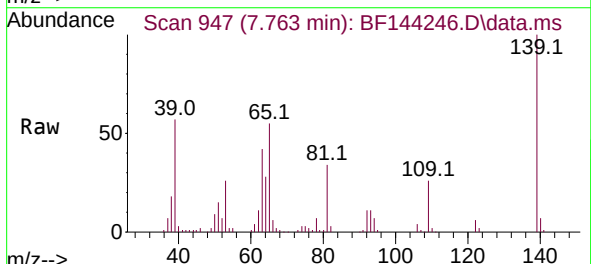
Manual Integrations
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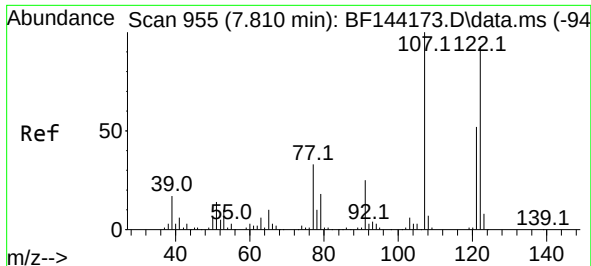
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#26
2-Nitrophenol
Concen: 44.039 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

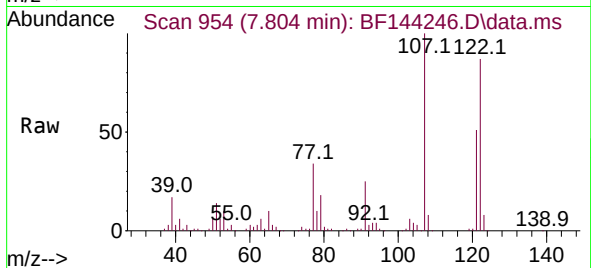
Tgt Ion:139 Resp: 99002
Ion Ratio Lower Upper
139 100
109 26.5 22.2 33.2
65 55.0 40.7 61.1





#27
2,4-Dimethylphenol
Concen: 46.070 ng
RT: 7.804 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

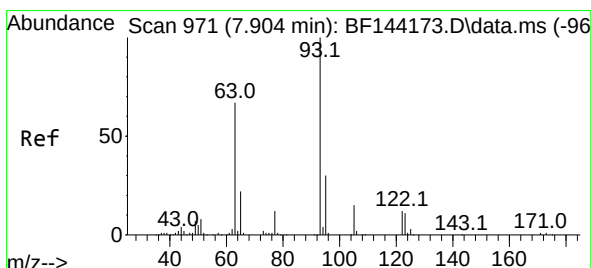
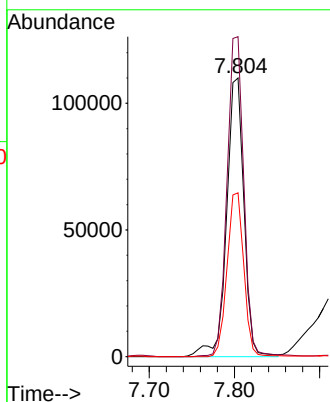
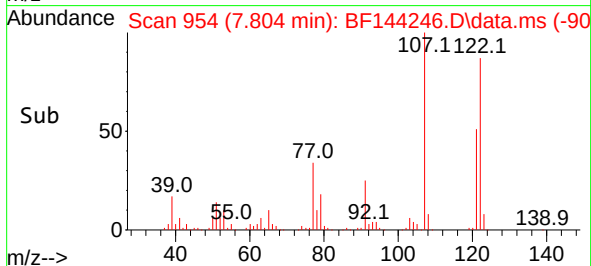
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



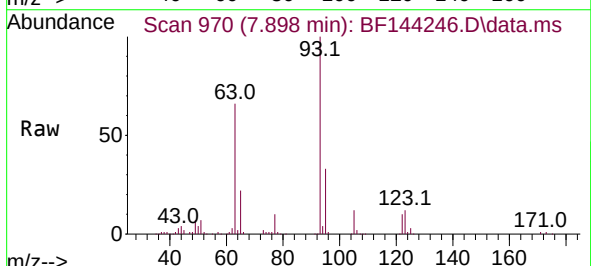
Tgt Ion:122 Resp: 155231
Ion Ratio Lower Upper
122 100
107 114.8 86.2 129.4
121 58.8 44.6 66.8

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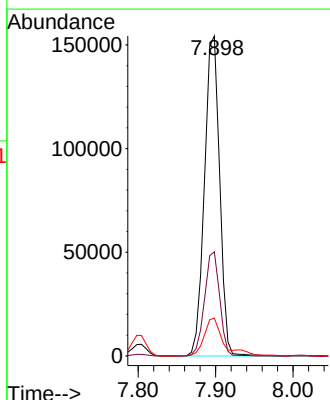
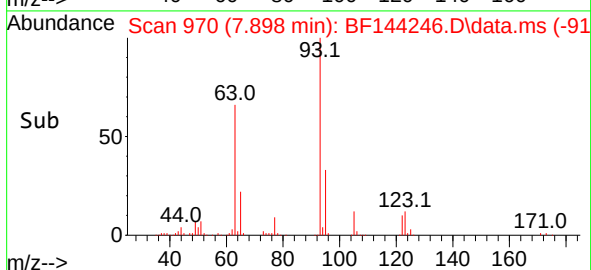
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

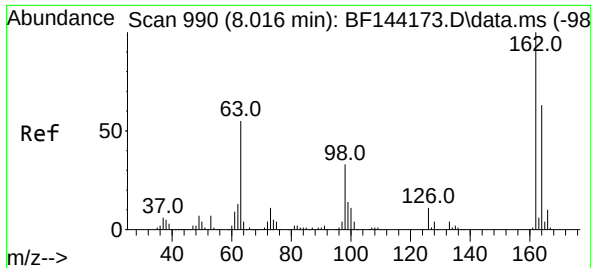


#28
bis(2-Chloroethoxy)methane
Concen: 42.534 ng
RT: 7.898 min Scan# 970
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



Tgt Ion: 93 Resp: 210138
Ion Ratio Lower Upper
93 100
95 32.5 24.2 36.4
123 11.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.281 ng

RT: 8.010 min Scan# 98

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

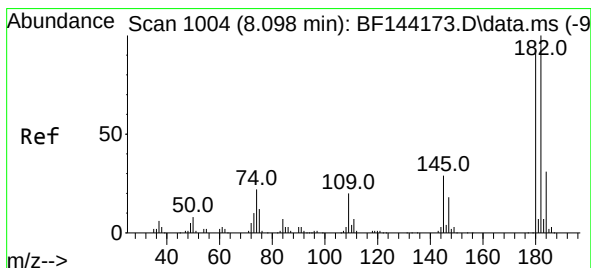
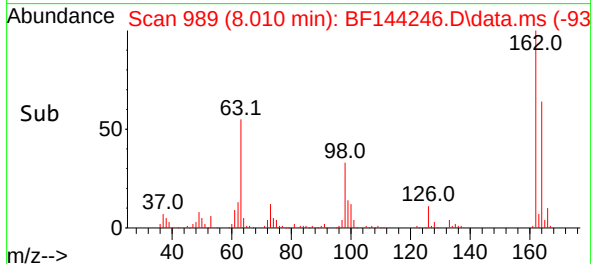
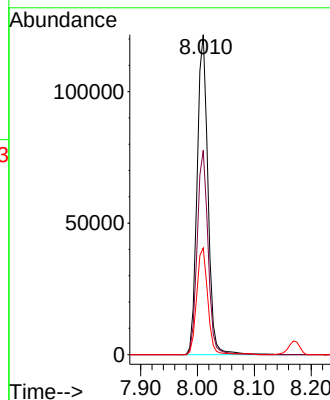
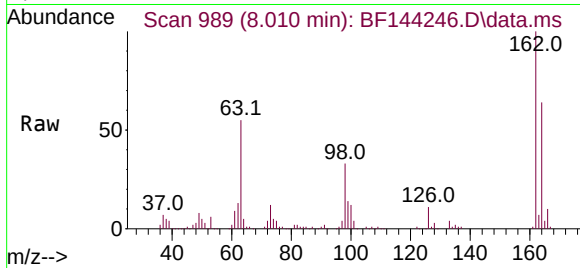
PB170473BSD

Tgt Ion:162	Resp: 160319
Ion Ratio	Lower Upper
162 100	
164 63.8	42.9 82.9
98 33.3	13.3 53.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.651 ng

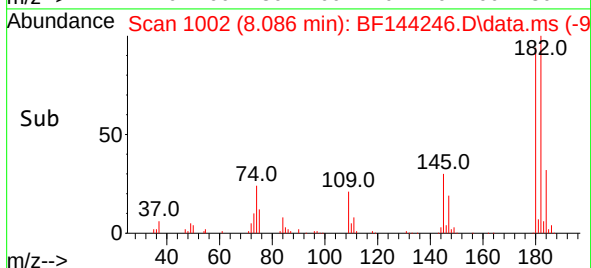
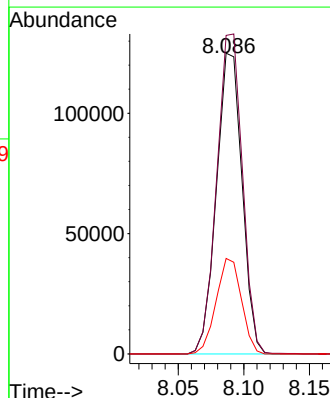
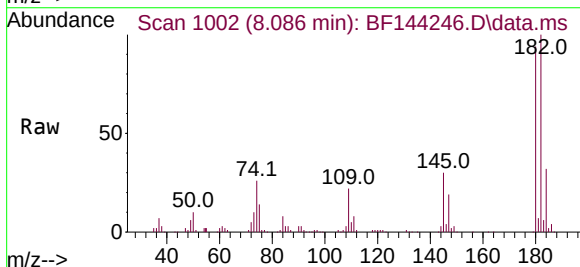
RT: 8.086 min Scan# 1002

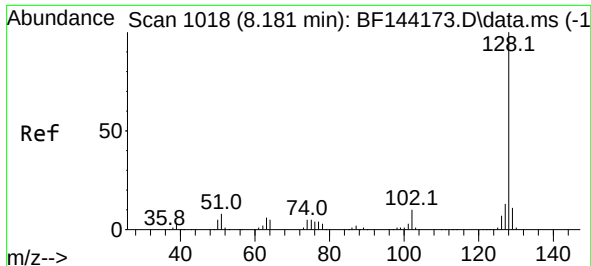
Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

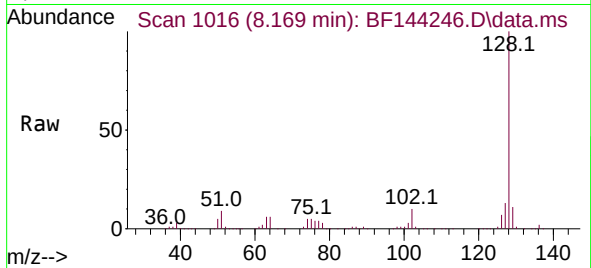
Tgt Ion:180	Resp: 170085
Ion Ratio	Lower Upper
180 100	
182 105.9	87.7 131.5
145 31.8	25.4 38.0





#31
Naphthalene
Concen: 41.066 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

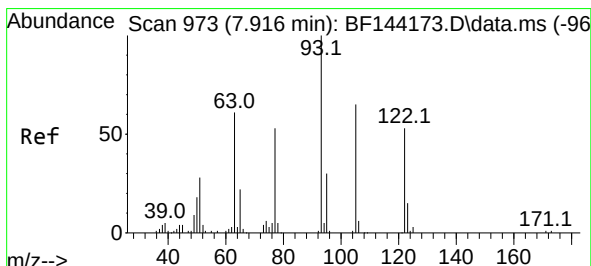
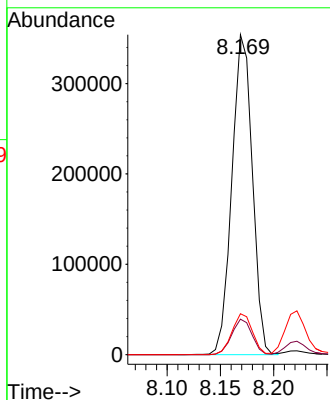
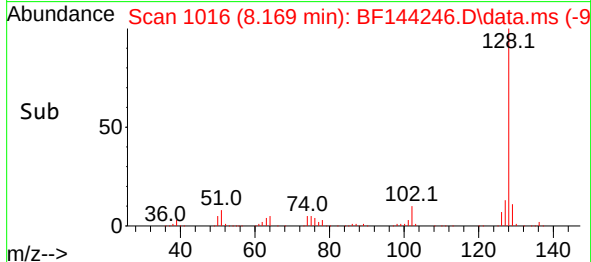
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:128 Resp: 471894
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.8 10.3 15.5

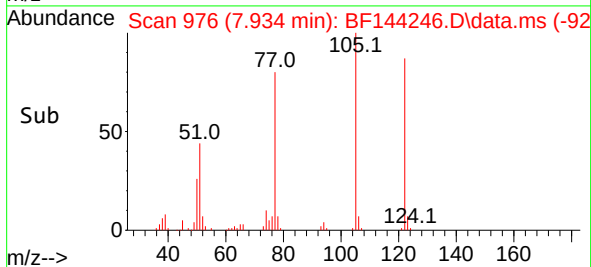
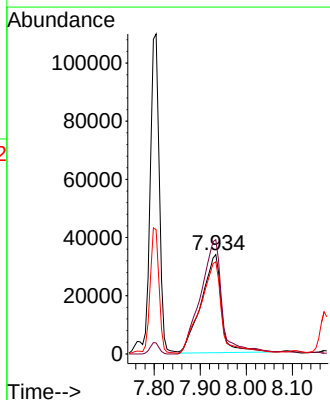
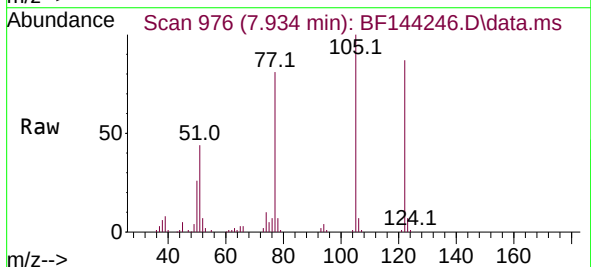
Manual Integrations
APPROVED

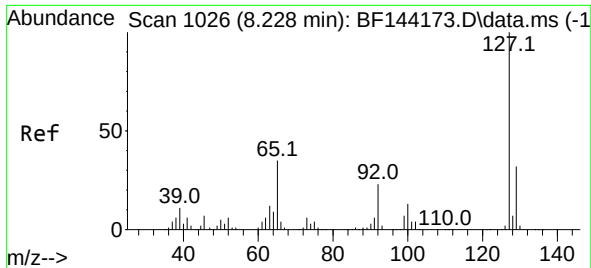
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#32
Benzoic acid
Concen: 41.876 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.018 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Tgt Ion:122 Resp: 103430
Ion Ratio Lower Upper
122 100
105 115.0 99.9 139.9
77 92.8 77.5 117.5





#33
4-Chloroaniline
Concen: 16.729 ng
RT: 8.222 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

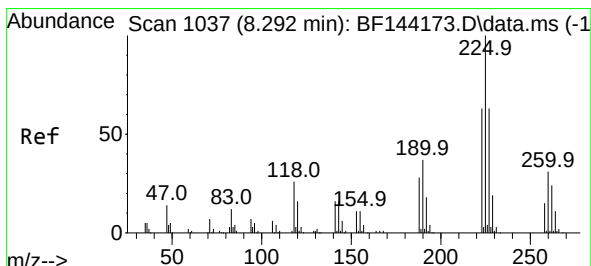
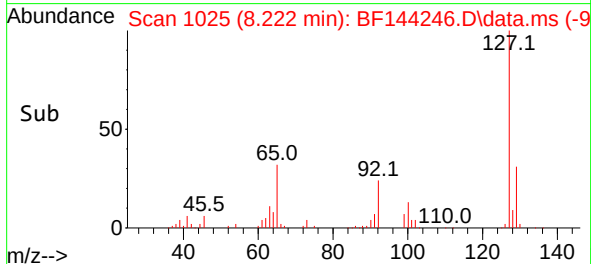
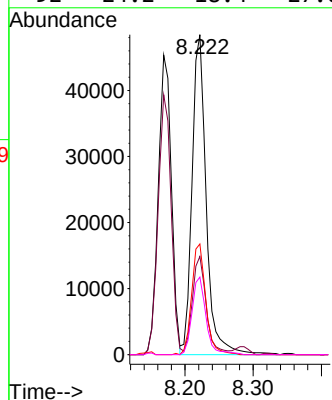
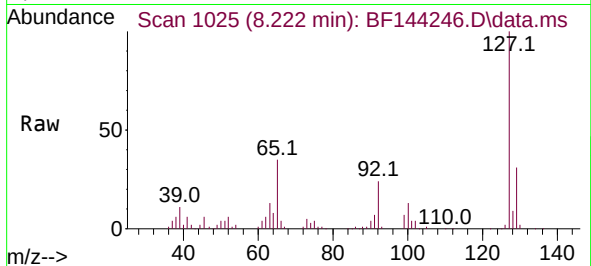
PB170473BSD

Tgt Ion:127 Resp: 70111
Ion Ratio Lower Upper
127 100
129 30.7 25.3 37.9
65 34.6 27.6 41.4
92 24.2 18.4 27.6

Manual Integrations

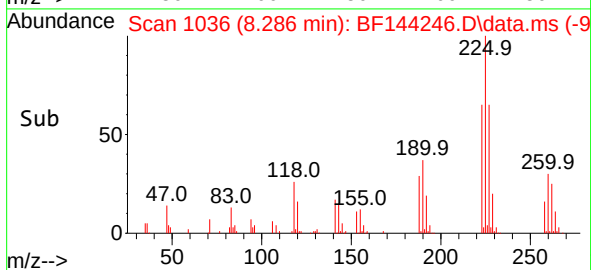
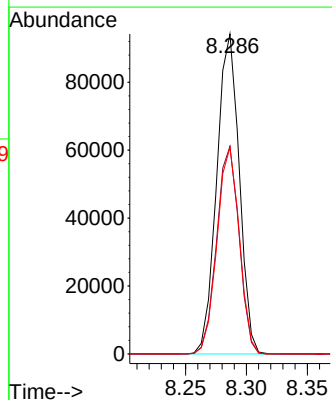
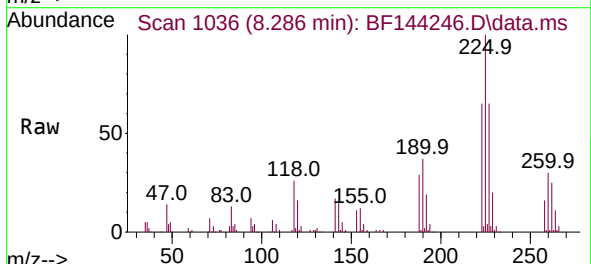
APPROVED

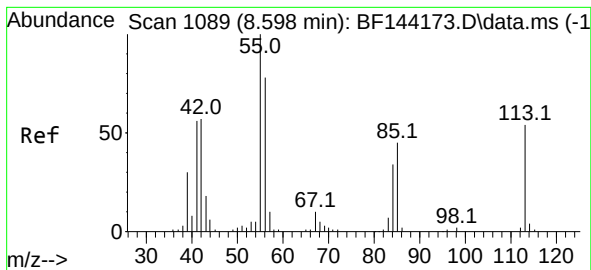
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#34
Hexachlorobutadiene
Concen: 40.358 ng
RT: 8.286 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

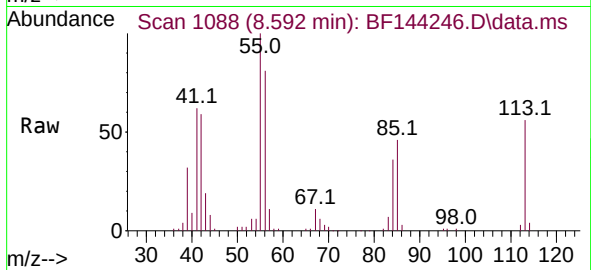
Tgt Ion:225 Resp: 121293
Ion Ratio Lower Upper
225 100
223 64.9 50.2 75.4
227 64.5 50.1 75.1





#35
 Caprolactam
 Concen: 47.419 ng m
 RT: 8.592 min Scan# 1088
 Delta R.T. -0.029 min
 Lab File: BF144246.D
 Acq: 13 Nov 2025 16:24

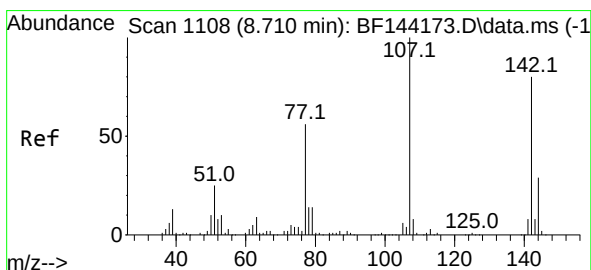
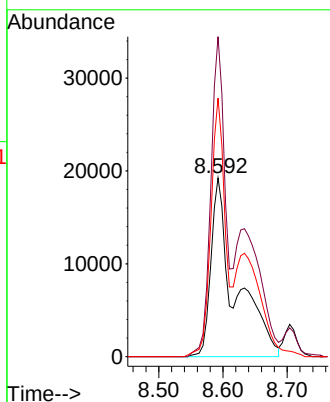
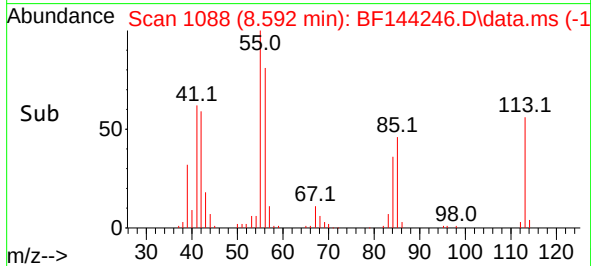
Instrument :
 BNA_F
 ClientSampleId :
 PB170473BSD



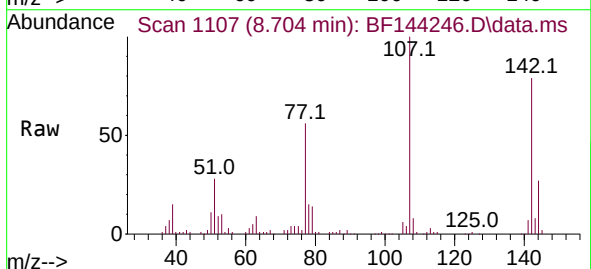
Tgt Ion:113 Resp: 50453
 Ion Ratio Lower Upper
 113 100
 55 179.1 166.8 206.8
 56 144.7 125.9 165.9

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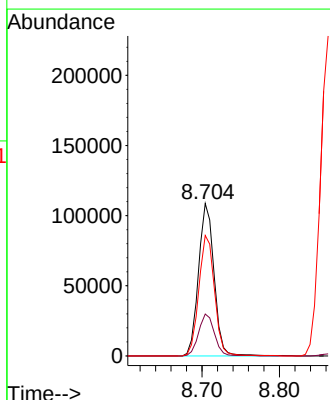
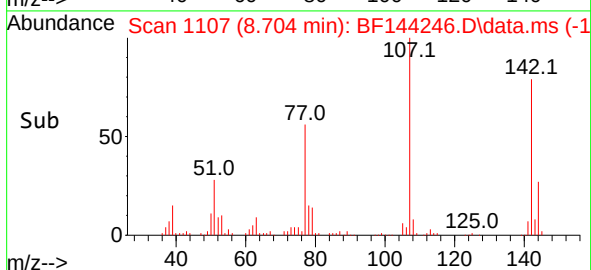
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

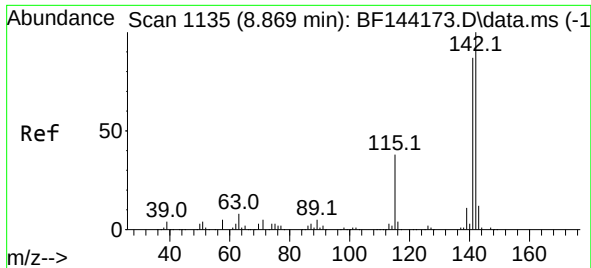


#36
 4-Chloro-3-methylphenol
 Concen: 43.453 ng
 RT: 8.704 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF144246.D
 Acq: 13 Nov 2025 16:24



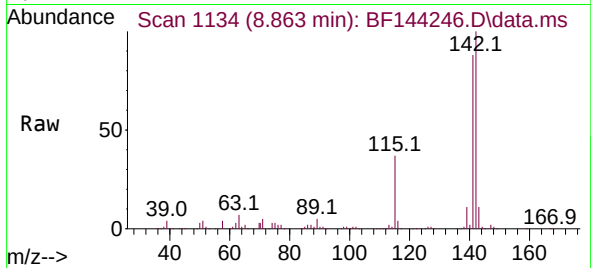
Tgt Ion:107 Resp: 151236
 Ion Ratio Lower Upper
 107 100
 144 27.5 23.3 34.9
 142 79.0 63.8 95.6





#37
2-Methylnaphthalene
Concen: 38.785 ng
RT: 8.863 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

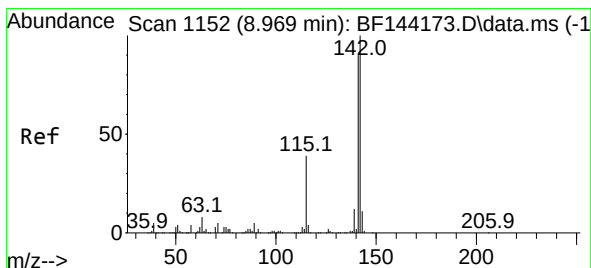
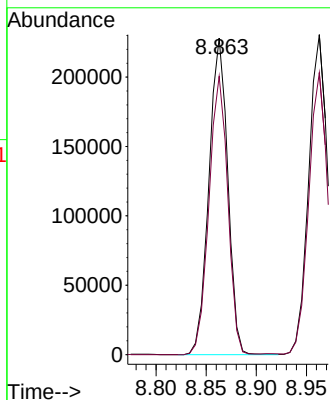
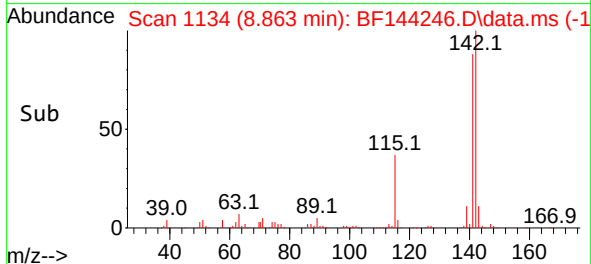
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:142 Resp: 297986
Ion Ratio Lower Upper
142 100
141 87.9 69.9 104.9

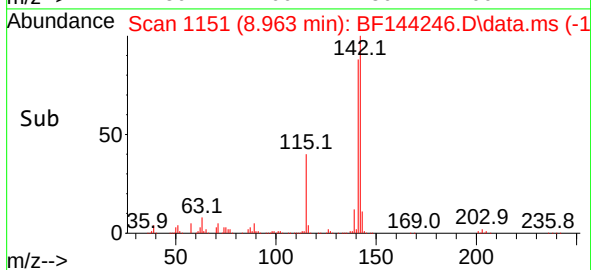
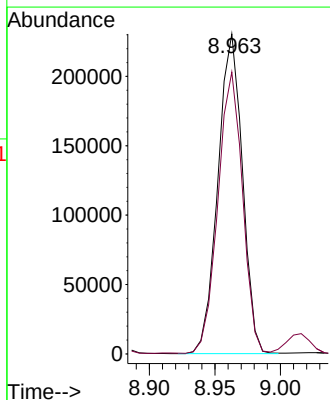
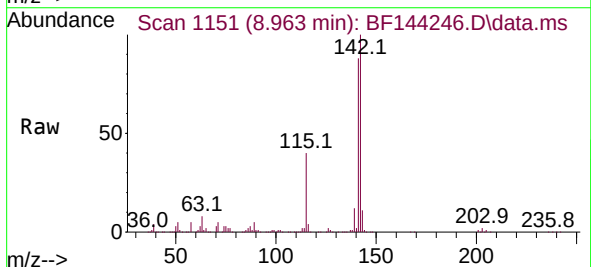
Manual Integrations
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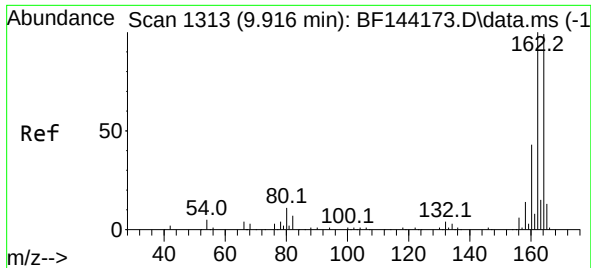
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#38
1-Methylnaphthalene
Concen: 40.456 ng
RT: 8.963 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

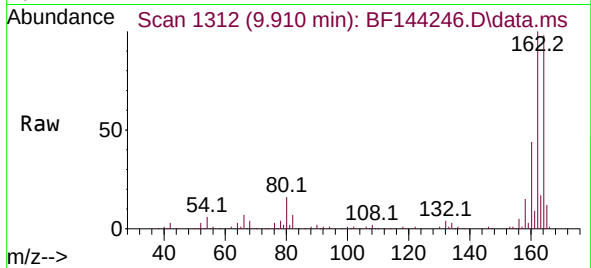
Tgt Ion:142 Resp: 299912
Ion Ratio Lower Upper
142 100
141 88.1 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

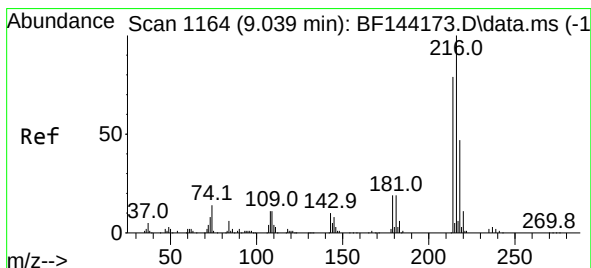
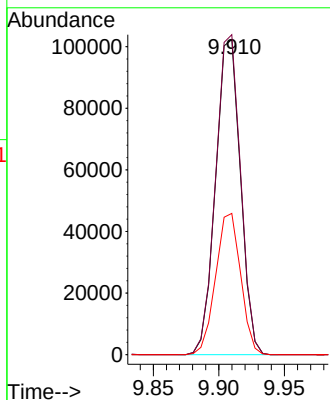
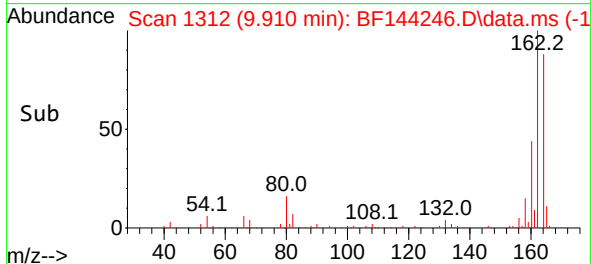
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:164 Resp: 135120
Ion Ratio Lower Upper
164 100
162 101.6 81.1 121.7
160 44.8 34.5 51.7

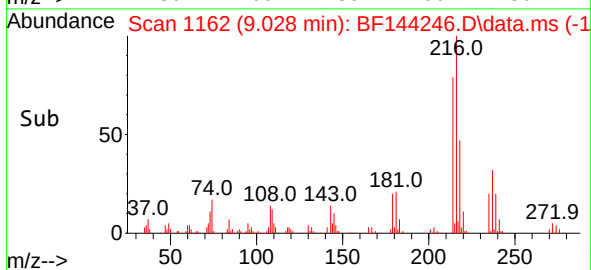
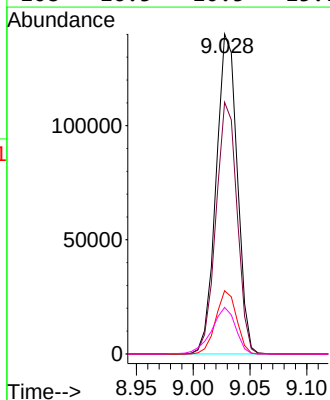
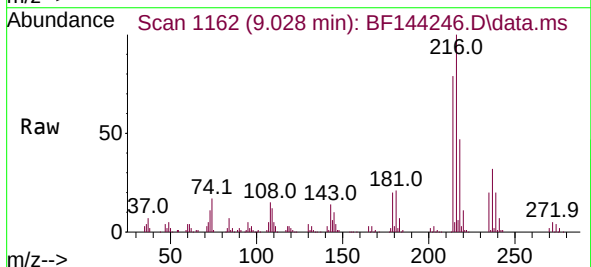
Manual Integrations
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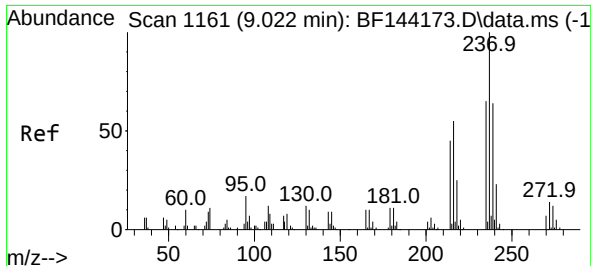
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.909 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

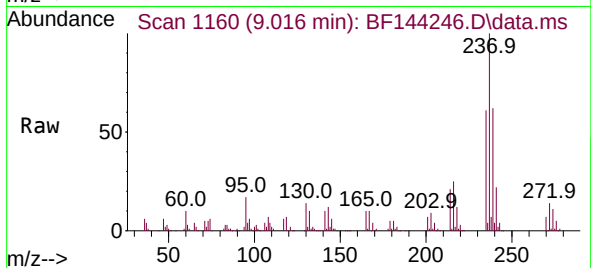
Tgt Ion:216 Resp: 181158
Ion Ratio Lower Upper
216 100
214 78.5 63.4 95.2
179 19.3 15.0 22.4
108 16.5 10.5 15.7#





#41
Hexachlorocyclopentadiene
Concen: 100.084 ng
RT: 9.016 min Scan# 1160
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

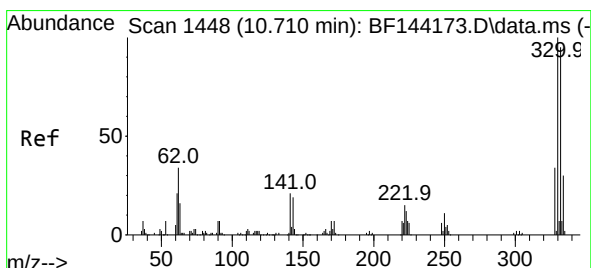
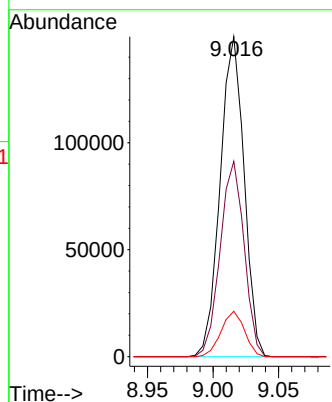
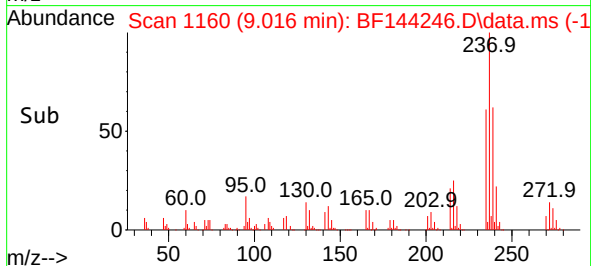
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



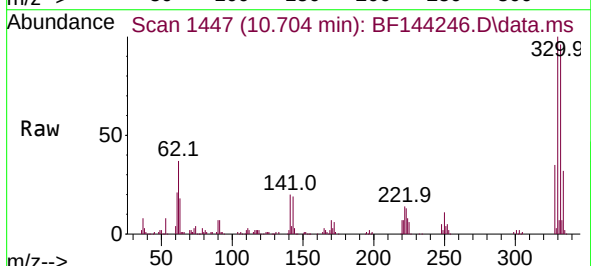
Tgt Ion:237 Resp: 190222
Ion Ratio Lower Upper
237 100
235 61.0 45.5 85.5
272 14.2 0.0 33.5

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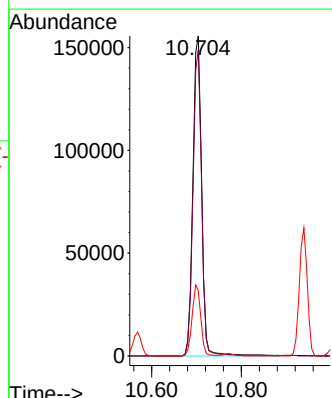
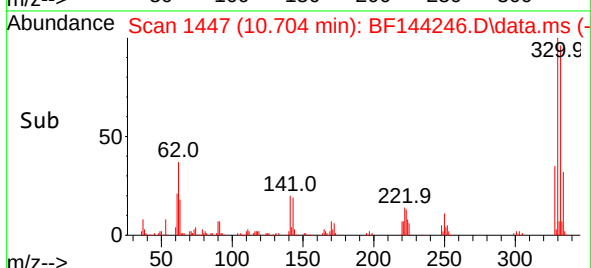
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

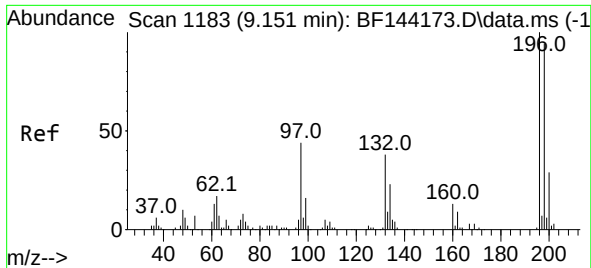


#42
2,4,6-Tribromophenol
Concen: 124.170 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



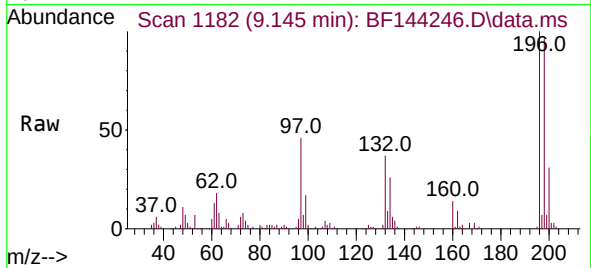
Tgt Ion:330 Resp: 210542
Ion Ratio Lower Upper
330 100
332 94.6 76.7 115.1
141 21.8 17.8 26.8





#43
2,4,6-Trichlorophenol
Concen: 41.009 ng
RT: 9.145 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

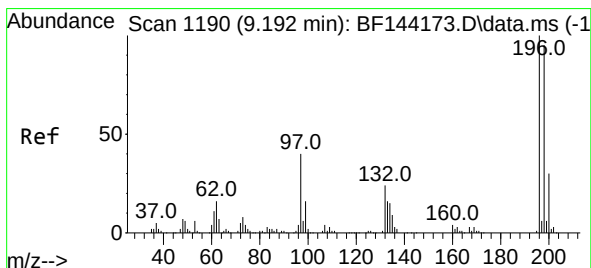
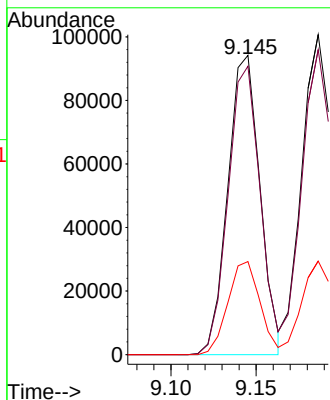
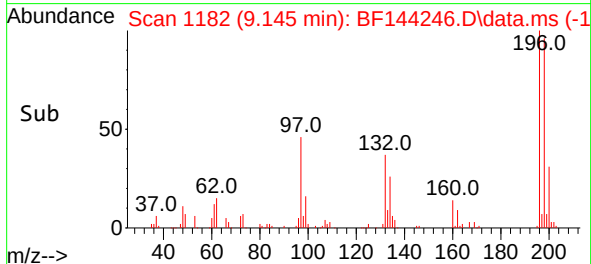
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



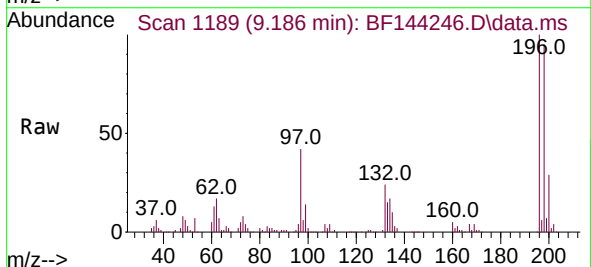
Tgt Ion:196 Resp: 123600
Ion Ratio Lower Upper
196 100
198 96.4 75.3 112.9
200 31.1 23.4 35.2

Manual Integrations
APPROVED

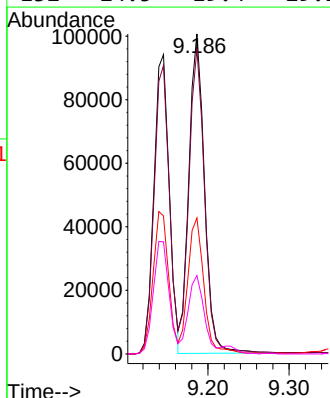
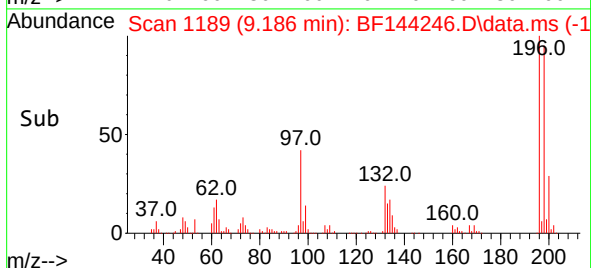
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

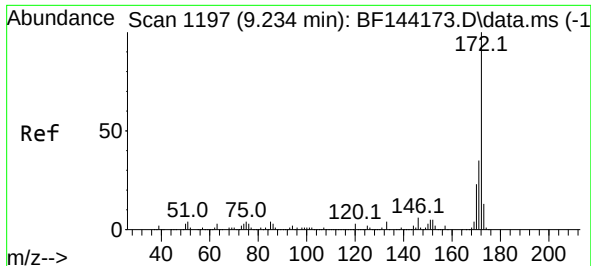


#44
2,4,5-Trichlorophenol
Concen: 41.466 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



Tgt Ion:196 Resp: 134698
Ion Ratio Lower Upper
196 100
198 95.3 76.1 114.1
97 42.5 31.9 47.9
132 24.5 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 78.510 ng

RT: 9.228 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

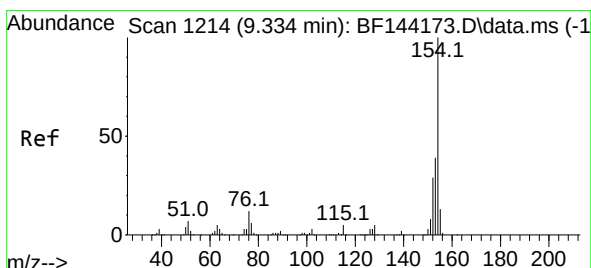
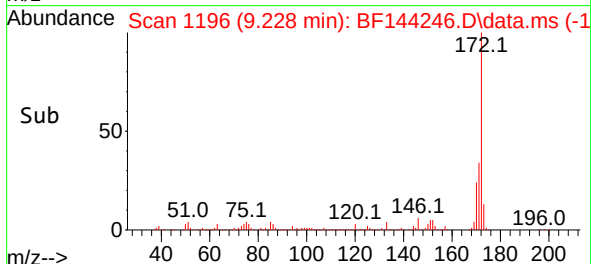
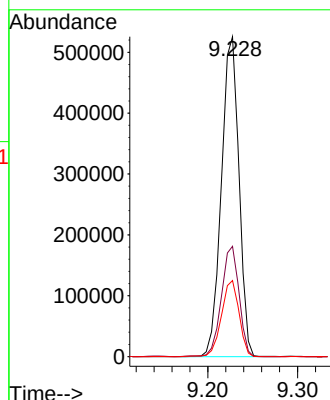
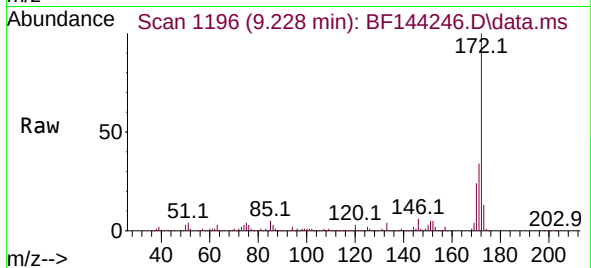
Tgt Ion:172 Resp: 718260

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.1	42.1
170	23.8	18.6	28.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#46

1,1'-Biphenyl

Concen: 42.195 ng

RT: 9.328 min Scan# 1213

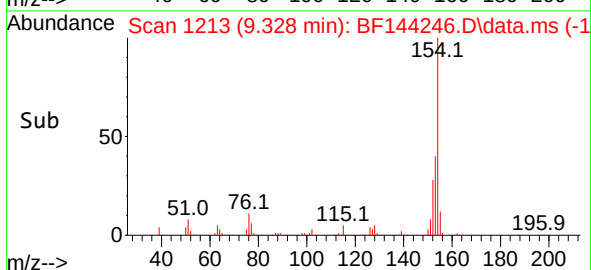
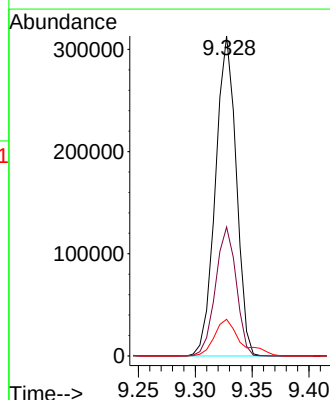
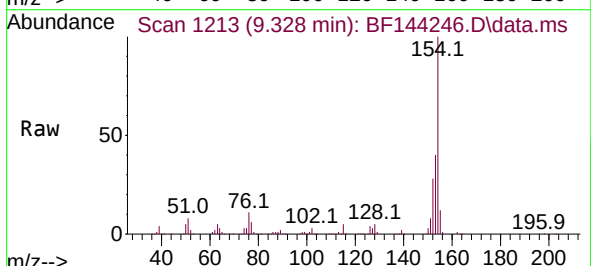
Delta R.T. -0.006 min

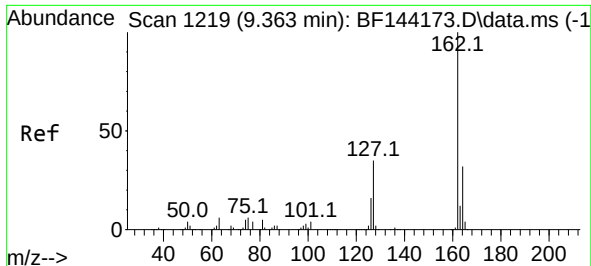
Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Tgt Ion:154 Resp: 397971

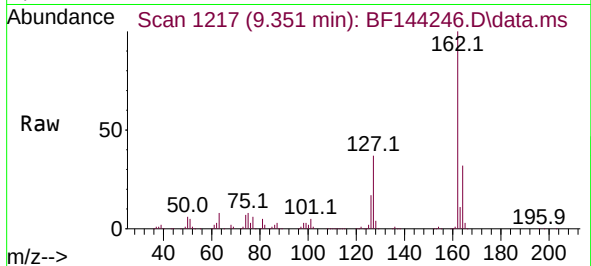
Ion	Ratio	Lower	Upper
154	100		
153	40.3	19.2	59.2
76	11.4	0.0	31.8





#47
2-Chloronaphthalene
Concen: 42.026 ng
RT: 9.351 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

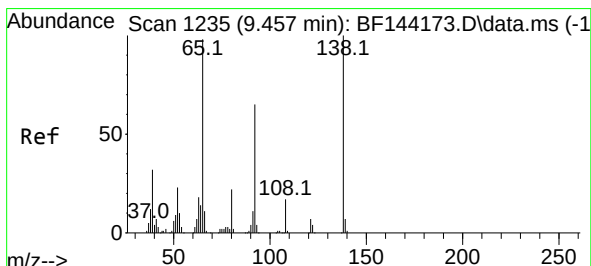
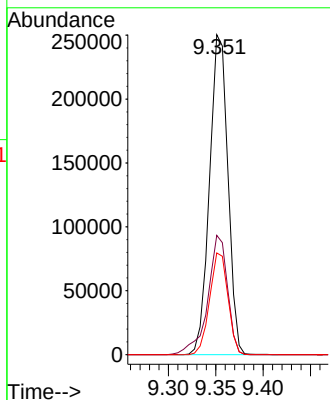
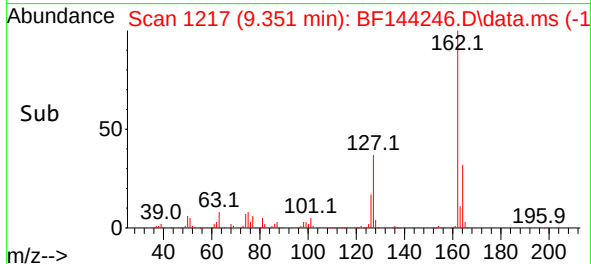
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:162 Resp: 338120
Ion Ratio Lower Upper
162 100
127 37.3 28.8 43.2
164 31.8 25.8 38.8

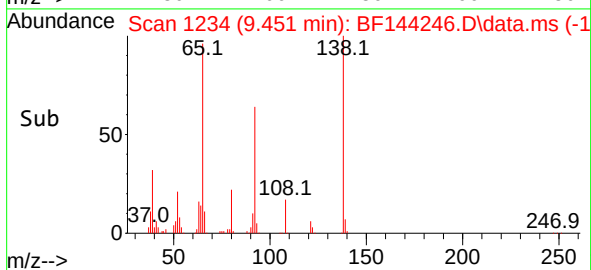
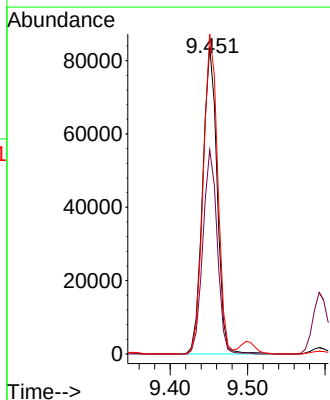
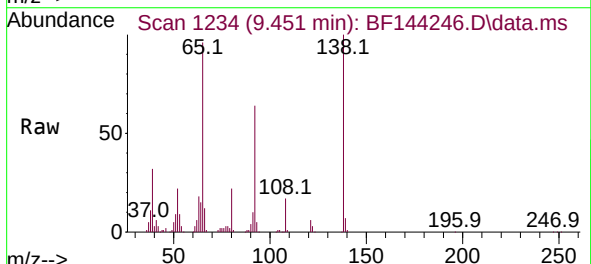
Manual Integrations
APPROVED

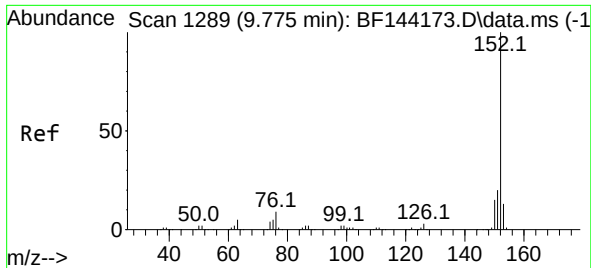
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#48
2-Nitroaniline
Concen: 46.612 ng
RT: 9.451 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Tgt Ion: 65 Resp: 108204
Ion Ratio Lower Upper
65 100
92 66.5 53.0 79.6
138 104.3 81.6 122.4





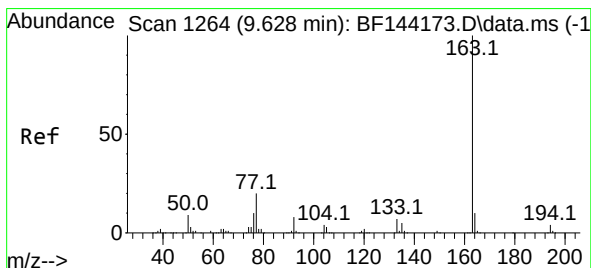
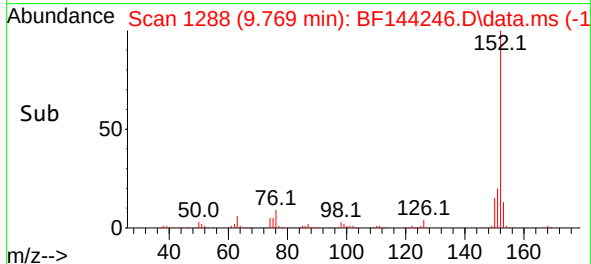
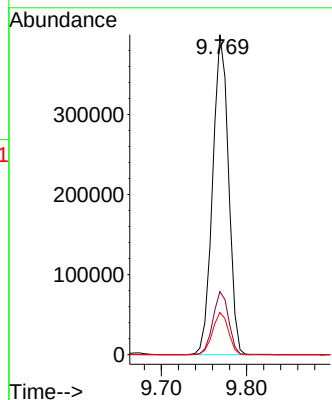
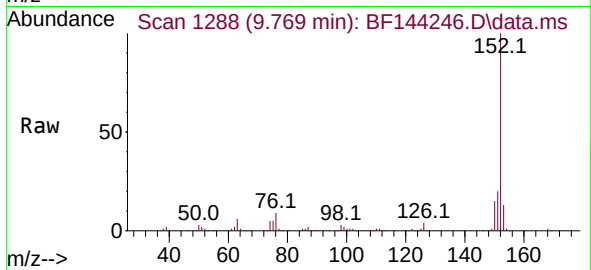
#49
Acenaphthylene
Concen: 47.030 ng
RT: 9.769 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Tgt Ion:152 Resp: 515625
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.2 10.5 15.7

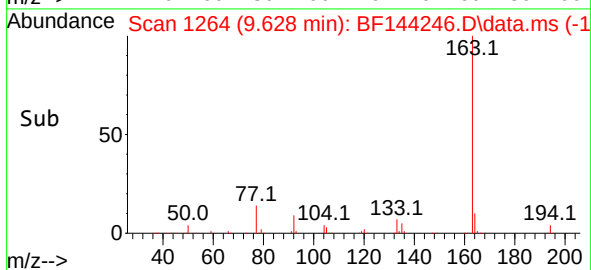
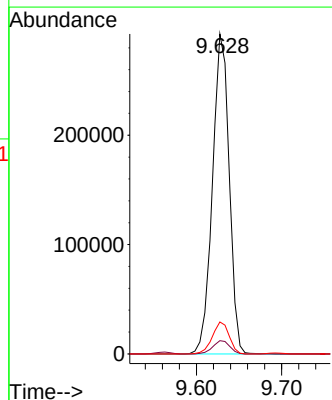
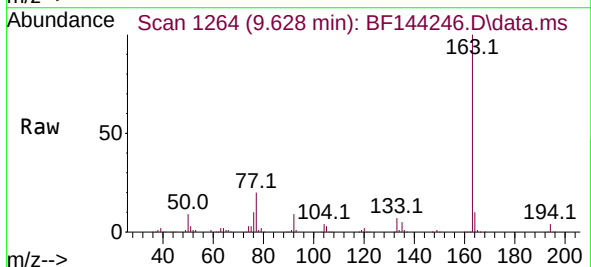
Manual Integrations
APPROVED

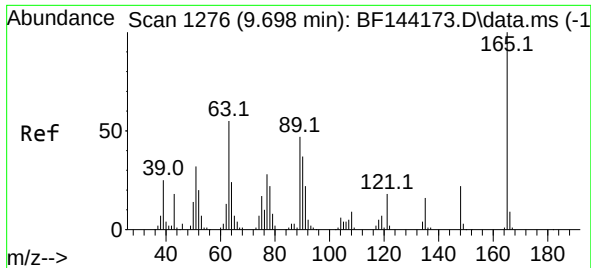
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#50
Dimethylphthalate
Concen: 44.550 ng
RT: 9.628 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Tgt Ion:163 Resp: 398788
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 8.1 12.1





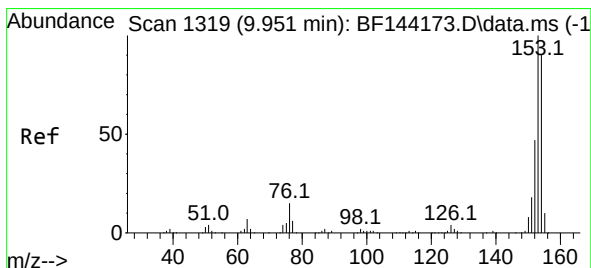
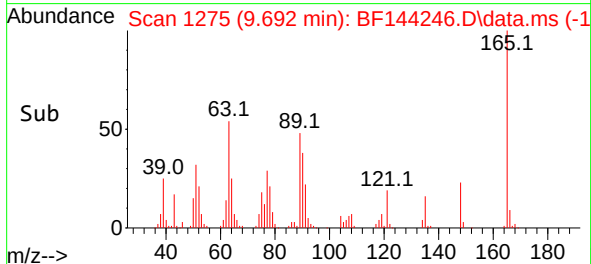
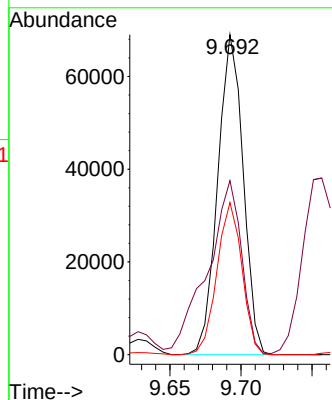
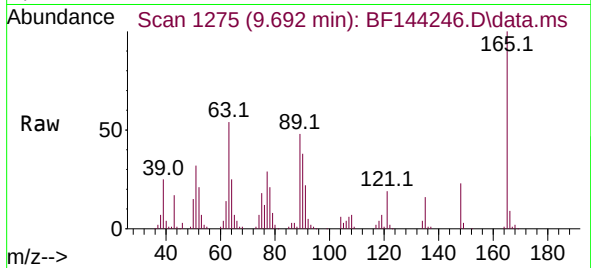
#51
2,6-Dinitrotoluene
Concen: 47.421 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Tgt Ion:165 Resp: 85929
Ion Ratio Lower Upper
165 100
63 54.4 43.8 65.8
89 47.5 37.5 56.3

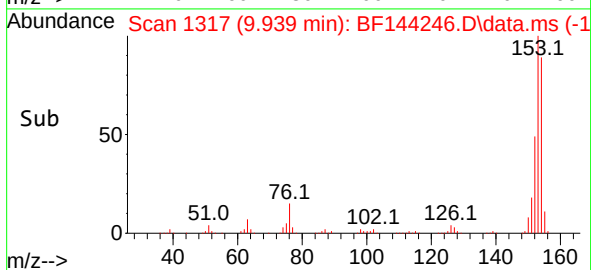
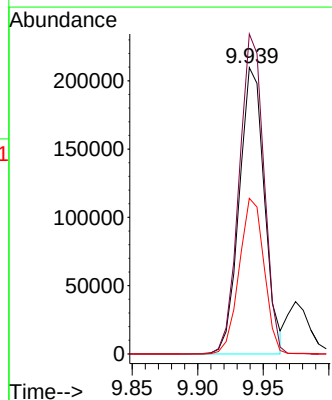
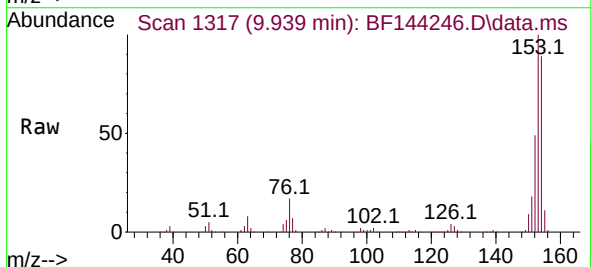
Manual Integrations
APPROVED

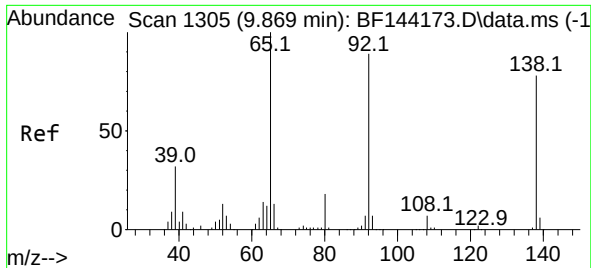
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#52
Acenaphthene
Concen: 38.172 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

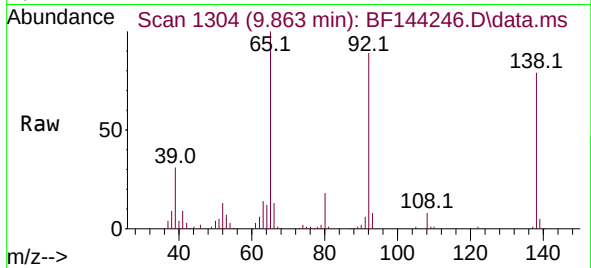
Tgt Ion:154 Resp: 279860
Ion Ratio Lower Upper
154 100
153 111.8 89.0 133.4
152 54.4 42.2 63.4





#53
3-Nitroaniline
Concen: 25.209 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

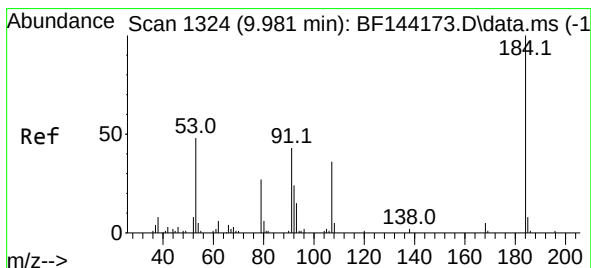
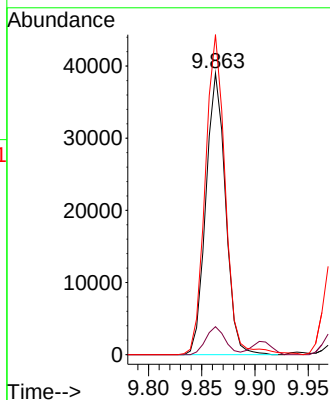
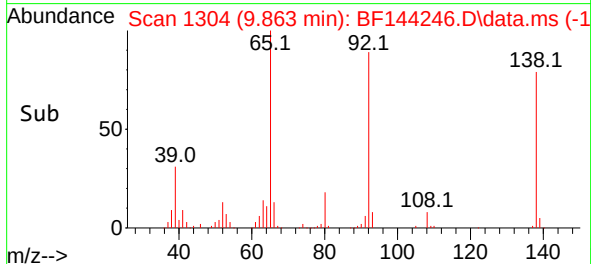
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



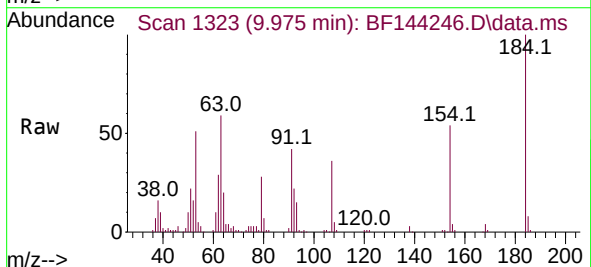
Tgt Ion:138 Resp: 49936
Ion Ratio Lower Upper
138 100
108 9.9 7.5 11.3
92 113.7 91.8 137.6

Manual Integrations
APPROVED

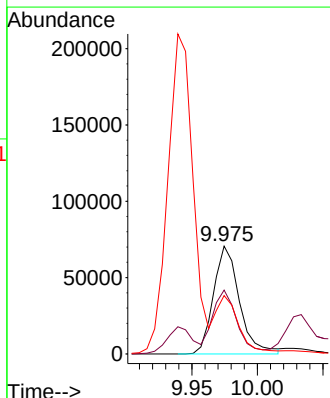
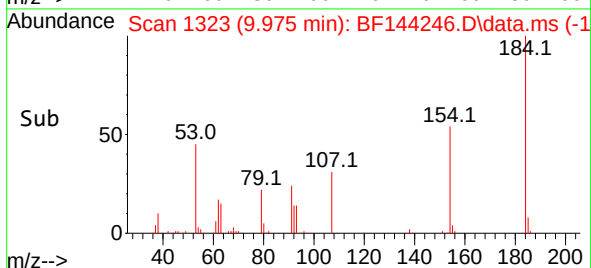
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

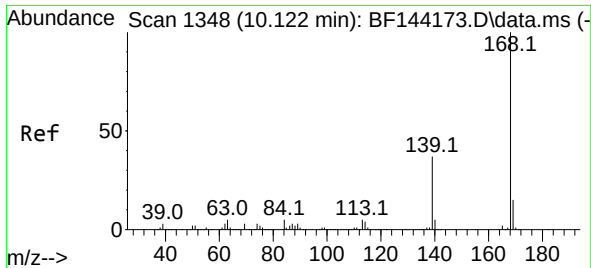


#54
2,4-Dinitrophenol
Concen: 88.729 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



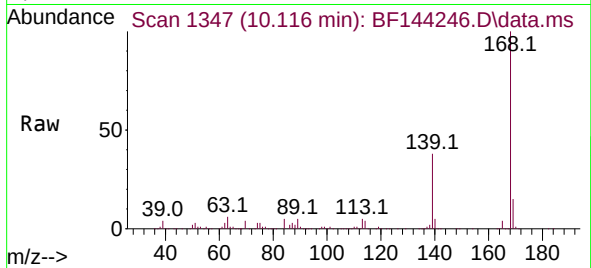
Tgt Ion:184 Resp: 97089
Ion Ratio Lower Upper
184 100
63 59.1 44.0 66.0
154 54.1 42.4 63.6





#55
Dibenzofuran
Concen: 41.716 ng
RT: 10.116 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

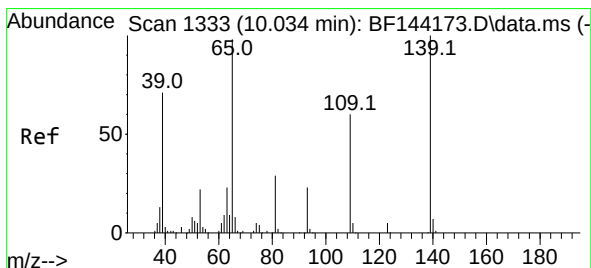
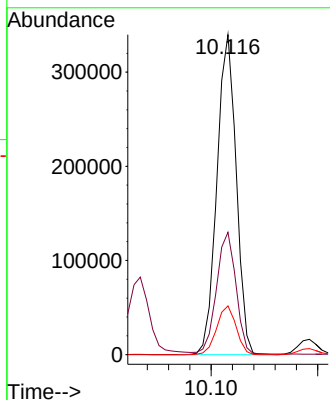
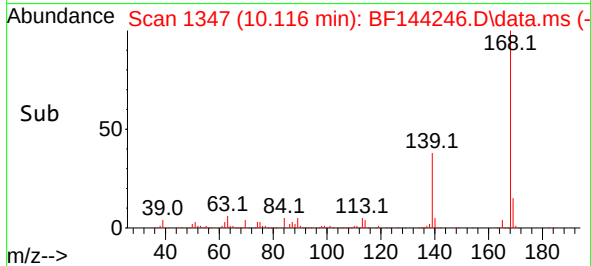
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:168 Resp: 428345
Ion Ratio Lower Upper
168 100
139 38.2 30.2 45.2
169 15.2 12.2 18.4

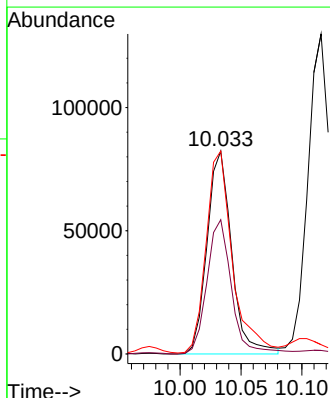
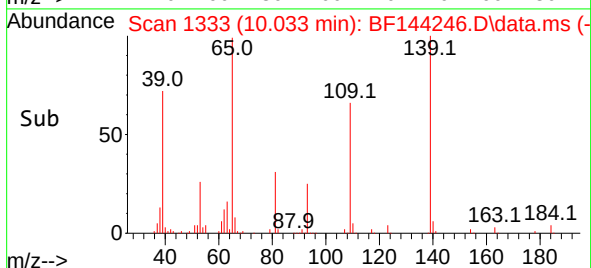
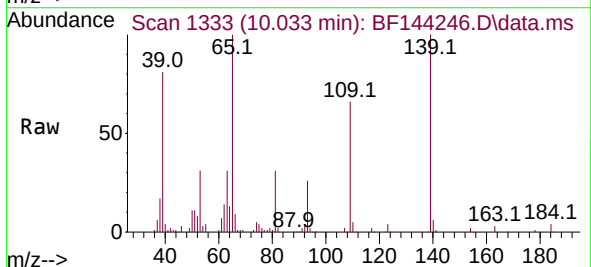
Manual Integrations
APPROVED

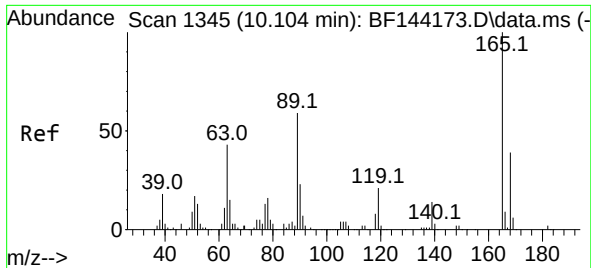
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#56
4-Nitrophenol
Concen: 80.874 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

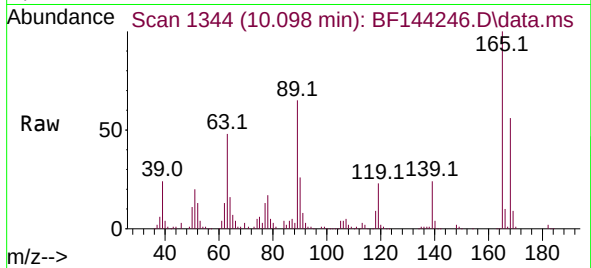
Tgt Ion:139 Resp: 115883
Ion Ratio Lower Upper
139 100
109 66.2 39.9 79.9
65 100.0 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 46.650 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

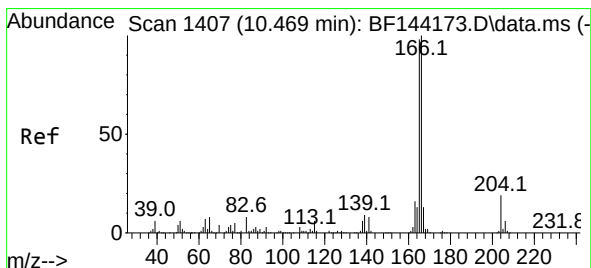
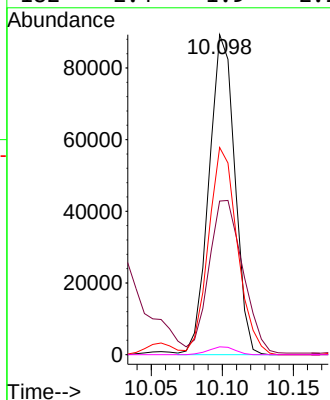
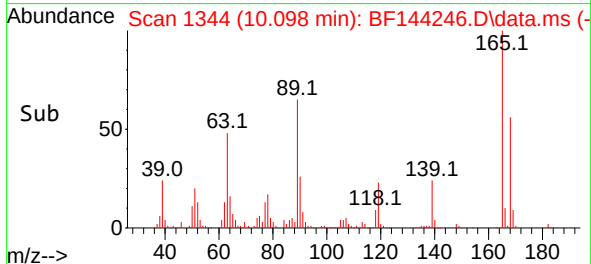
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



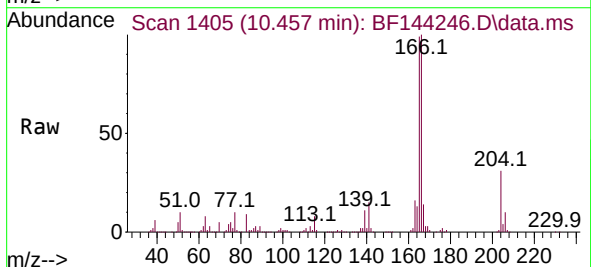
Tgt Ion:165 Resp: 113163
Ion Ratio Lower Upper
165 100
63 48.0 35.5 53.3
89 64.7 47.4 71.2
182 2.4 1.9 2.9

Manual Integrations
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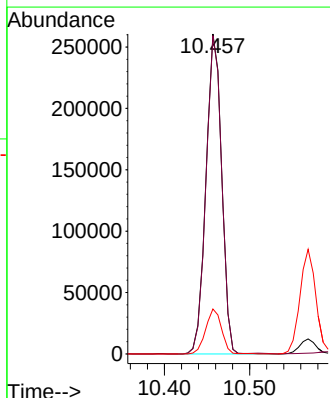
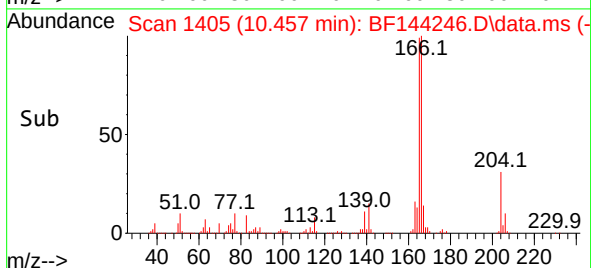
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

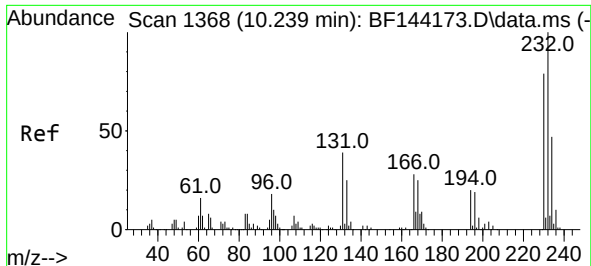


#58
Fluorene
Concen: 42.646 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



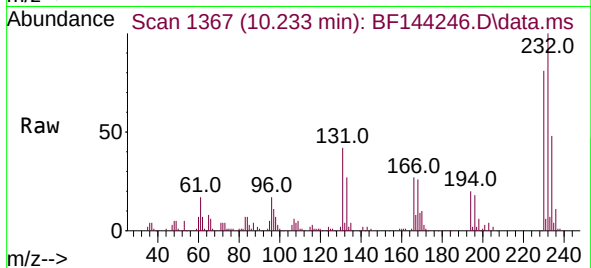
Tgt Ion:166 Resp: 332939
Ion Ratio Lower Upper
166 100
165 99.5 78.6 118.0
167 14.0 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.242 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

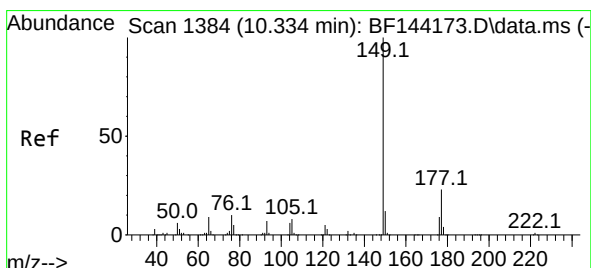
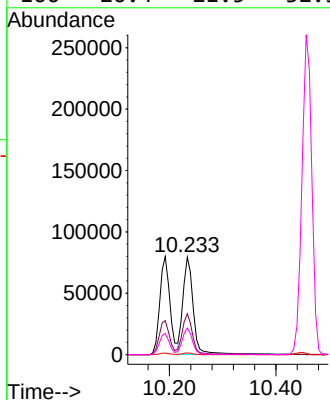
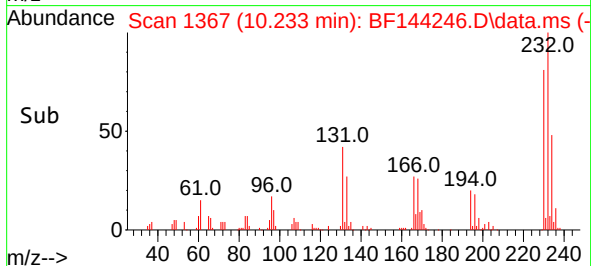
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:232 Resp: 106276
Ion Ratio Lower Upper
232 100
131 40.6 30.3 45.5
130 1.6 1.2 1.8
166 26.4 21.5 32.3

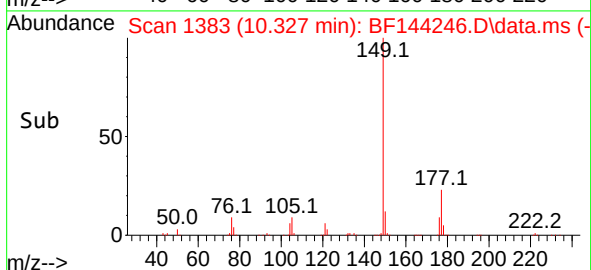
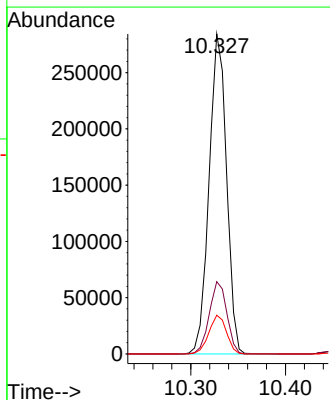
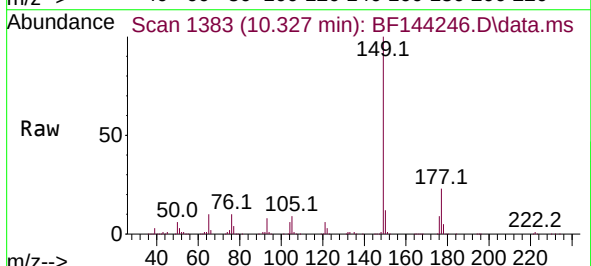
Manual Integrations
APPROVED

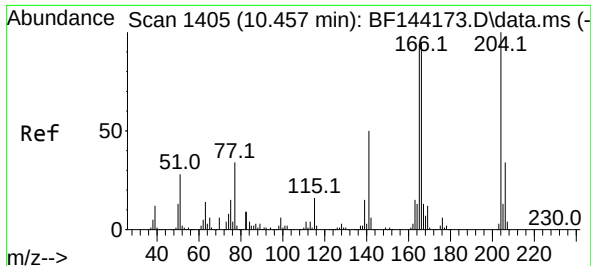
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#60
Diethylphthalate
Concen: 44.128 ng
RT: 10.327 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

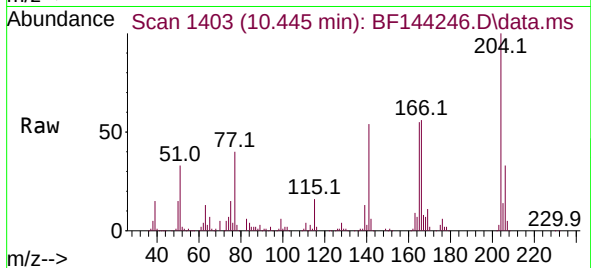
Tgt Ion:149 Resp: 364140
Ion Ratio Lower Upper
149 100
177 22.6 18.3 27.5
150 12.1 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 41.590 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

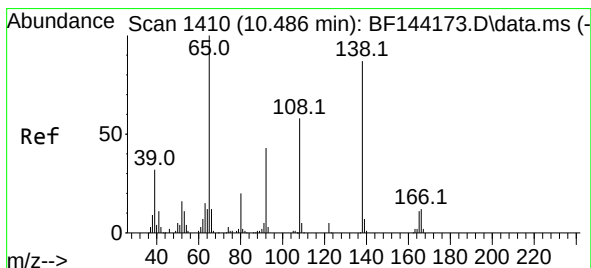
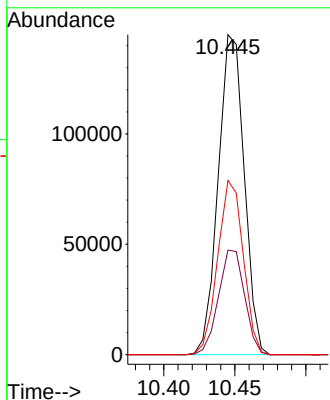
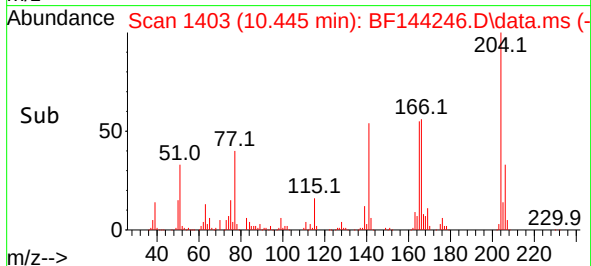
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:204 Resp: 184953
Ion Ratio Lower Upper
204 100
206 32.7 27.4 41.2
141 54.4 40.0 60.0

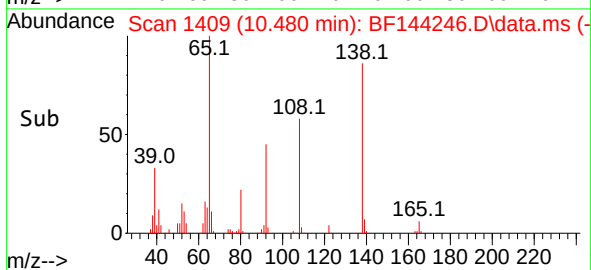
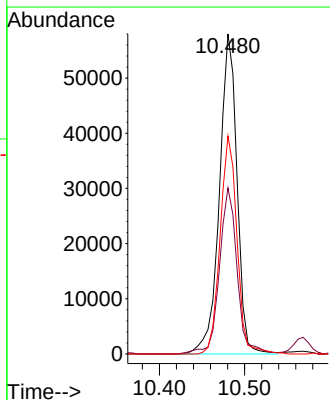
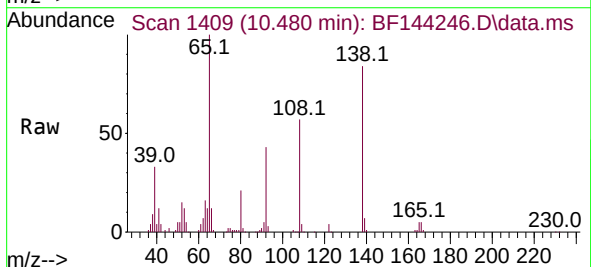
Manual Integrations
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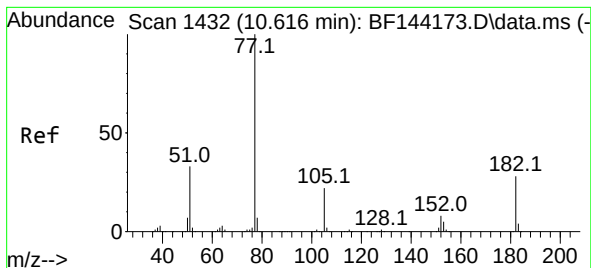
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#62
4-Nitroaniline
Concen: 44.089 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Tgt Ion:138 Resp: 83170
Ion Ratio Lower Upper
138 100
92 51.9 29.4 69.4
108 68.1 46.4 86.4





#63

Azobenzene

Concen: 46.361 ng

RT: 10.610 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion: 77 Resp: 356045

Ion Ratio Lower Upper

77 100

182 29.0 8.1 48.1

105 22.1 2.0 42.0

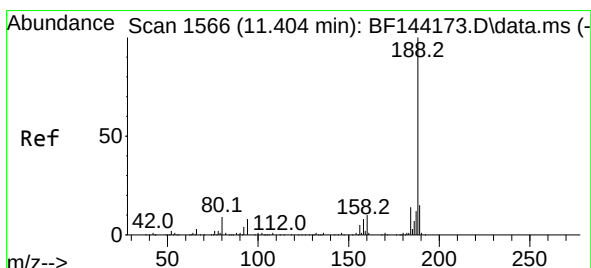
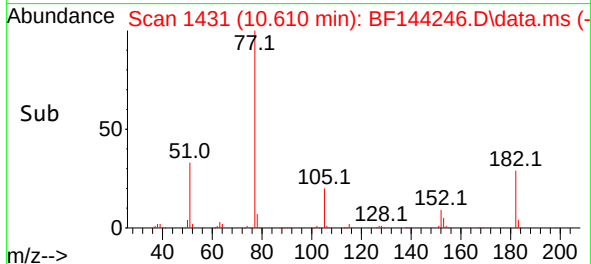
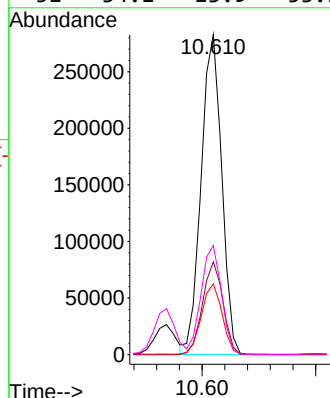
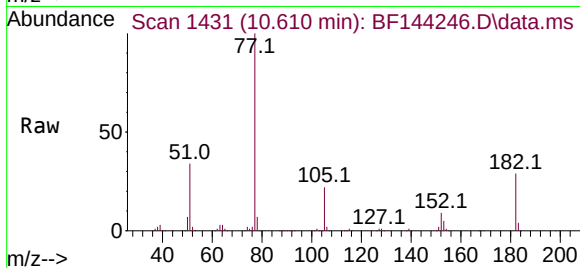
51 34.1 13.9 53.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1565

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

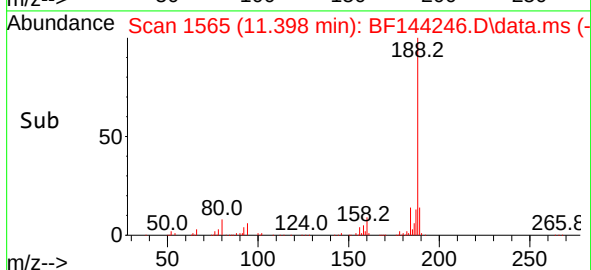
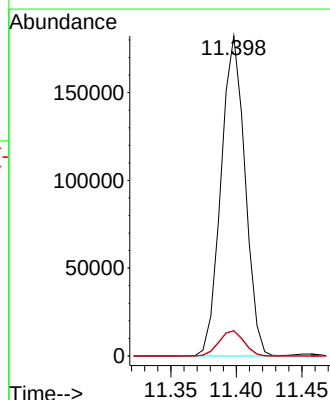
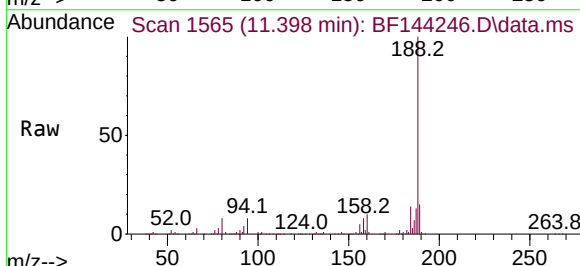
Tgt Ion:188 Resp: 232588

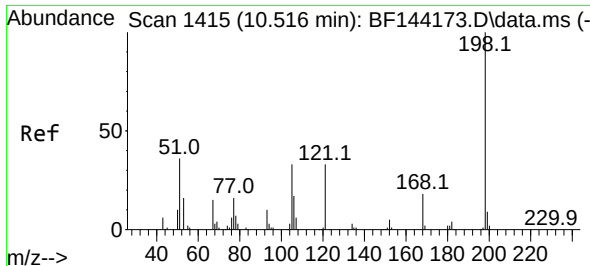
Ion Ratio Lower Upper

188 100

94 7.9 6.2 9.2

80 7.8 6.9 10.3





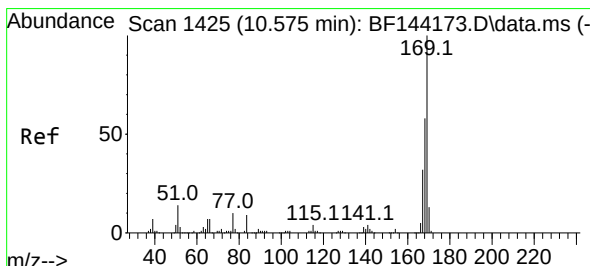
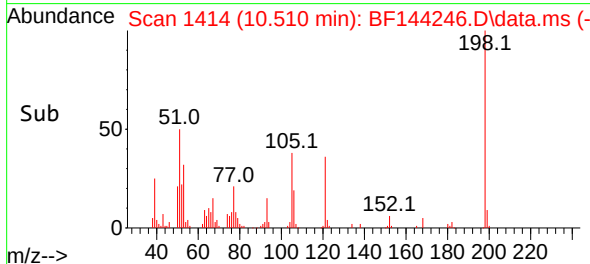
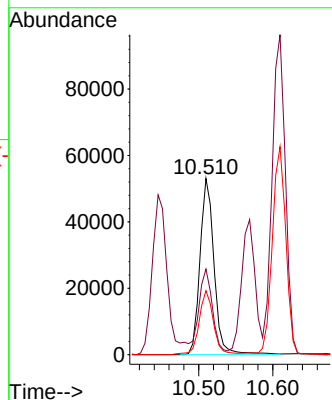
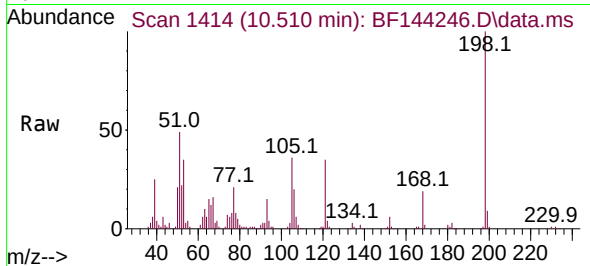
#65
4,6-Dinitro-2-methylphenol
Concen: 44.375 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Tgt Ion:198 Resp: 70115
Ion Ratio Lower Upper
198 100
51 48.6 25.6 65.6
105 36.3 14.6 54.6

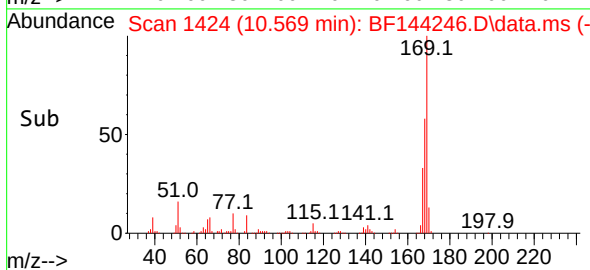
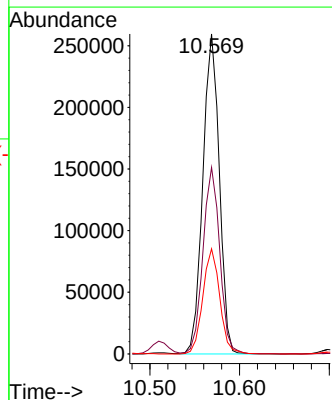
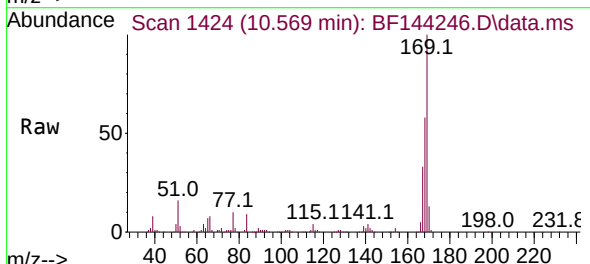
Manual Integrations
APPROVED

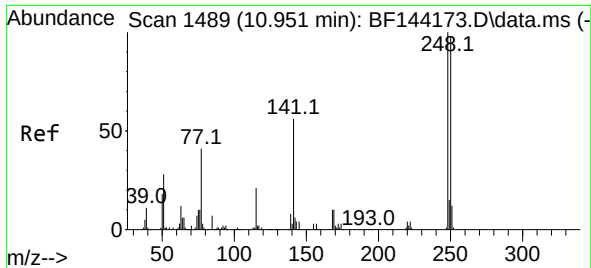
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#66
n-Nitrosodiphenylamine
Concen: 44.187 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

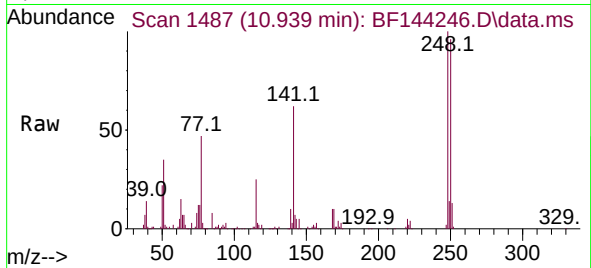
Tgt Ion:169 Resp: 330545
Ion Ratio Lower Upper
169 100
168 58.3 46.2 69.2
167 32.8 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 41.876 ng
RT: 10.939 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

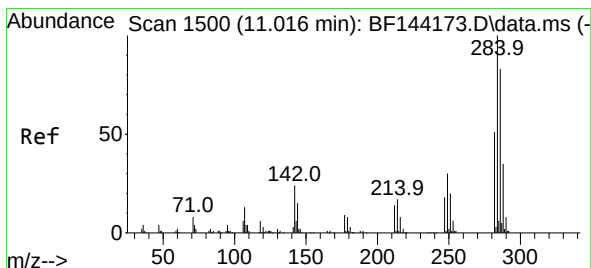
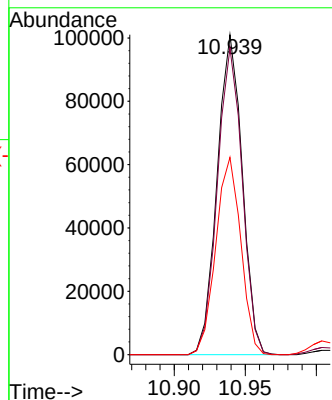
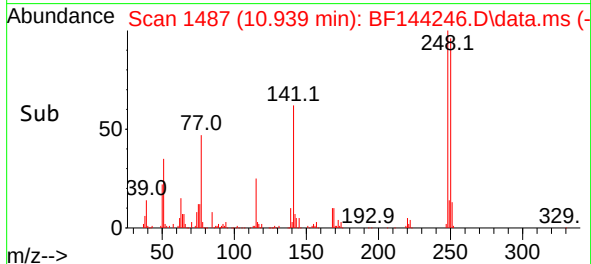
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



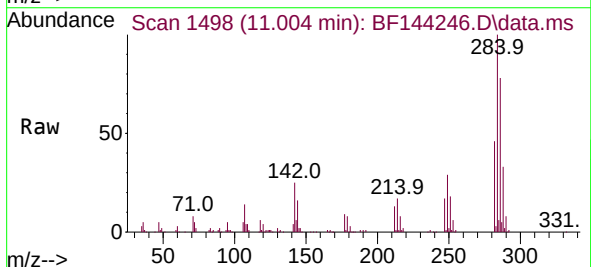
Tgt Ion:248 Resp: 124320
Ion Ratio Lower Upper
248 100
250 95.8 78.4 117.6
141 61.6 45.1 67.7

Manual Integrations
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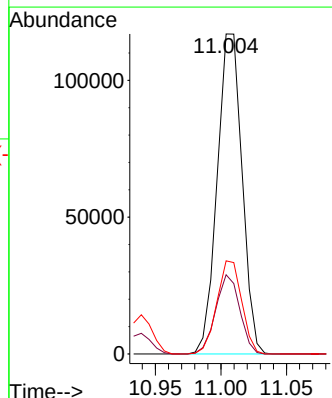
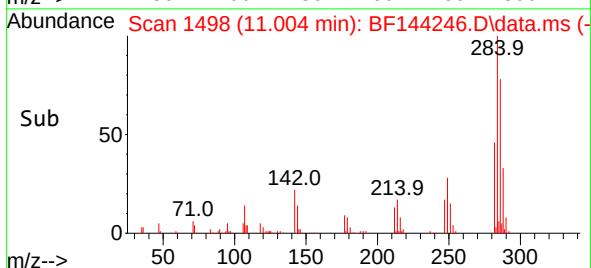
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

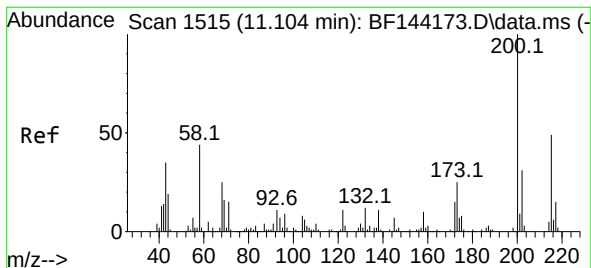


#68
Hexachlorobenzene
Concen: 44.203 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



Tgt Ion:284 Resp: 154570
Ion Ratio Lower Upper
284 100
142 24.7 19.2 28.8
249 29.1 23.8 35.8





#69

Atrazine

Concen: 45.004 ng

RT: 11.092 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:200 Resp: 107065

Ion Ratio Lower Upper

200 100

173 26.4 5.0 45.0

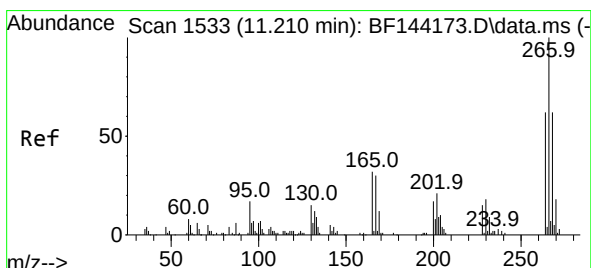
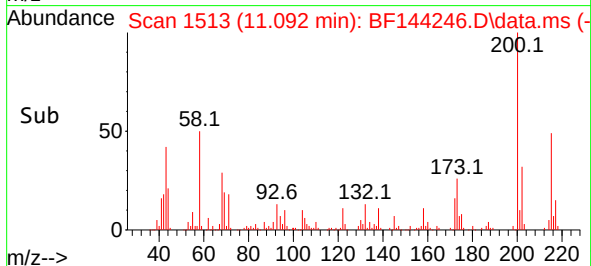
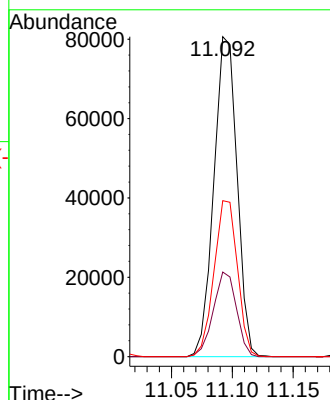
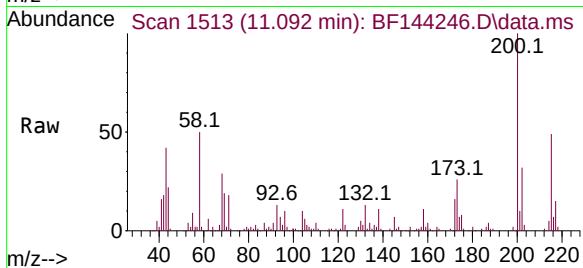
215 48.7 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#70

Pentachlorophenol

Concen: 81.143 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

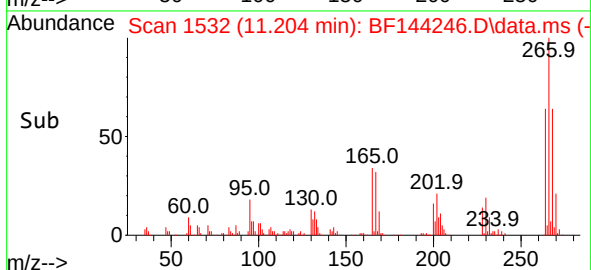
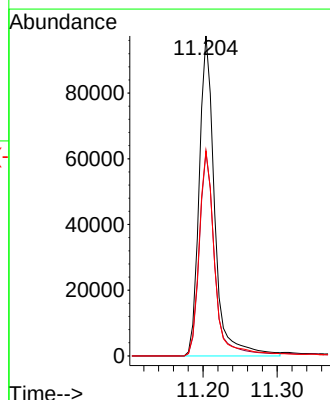
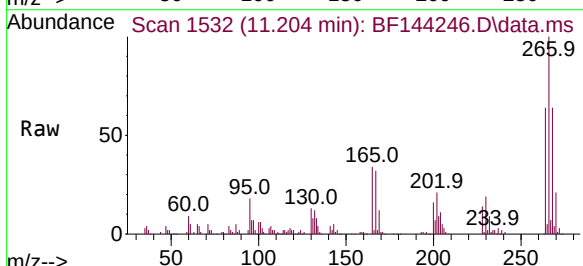
Tgt Ion:266 Resp: 141293

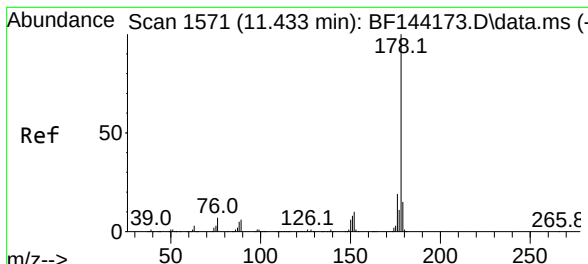
Ion Ratio Lower Upper

266 100

268 63.7 49.5 74.3

264 64.1 49.4 74.2



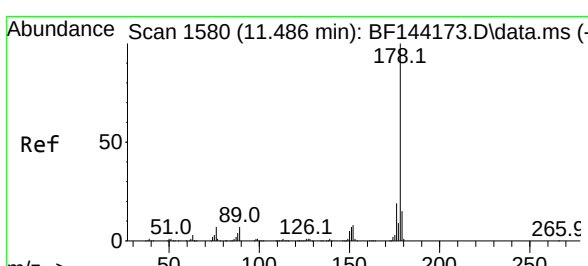
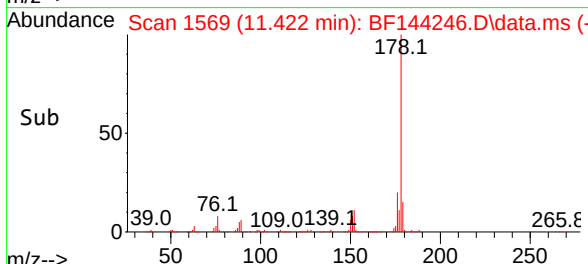
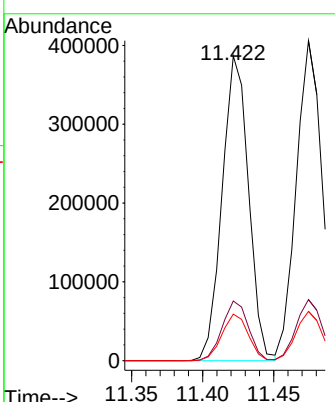
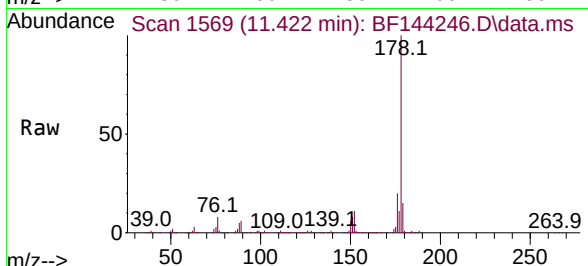


#71
 Phenanthrene
 Concen: 43.135 ng
 RT: 11.422 min Scan# 1569
 Delta R.T. -0.006 min
 Lab File: BF144246.D
 Acq: 13 Nov 2025 16:24

Instrument : BNA_F
 ClientSampleId : PB170473BSD

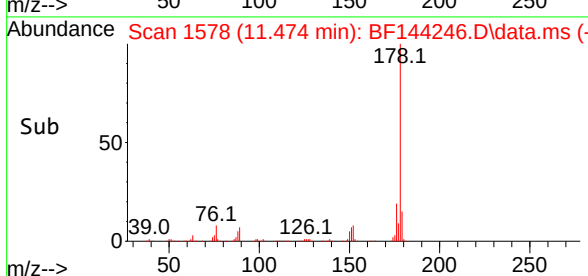
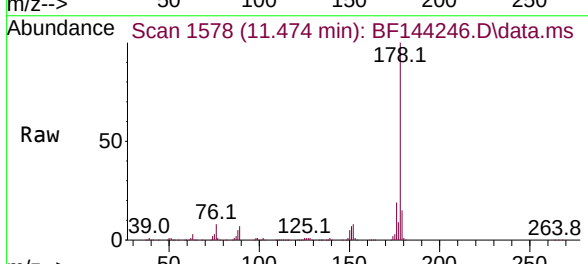
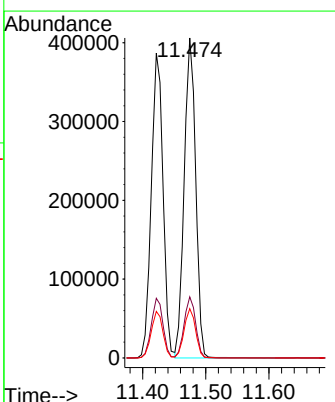
Tgt Ion:178	Resp: 499513
Ion Ratio	Lower Upper
178	100
176	19.6 15.5 23.3
179	15.3 12.2 18.4

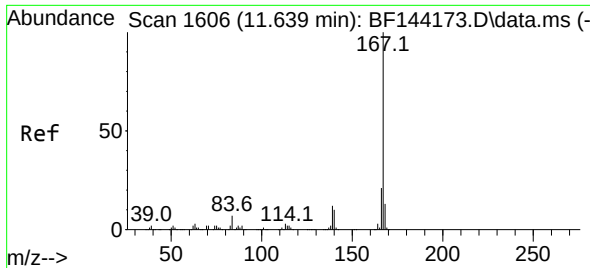
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025



#72
 Anthracene
 Concen: 43.453 ng
 RT: 11.474 min Scan# 1578
 Delta R.T. -0.006 min
 Lab File: BF144246.D
 Acq: 13 Nov 2025 16:24

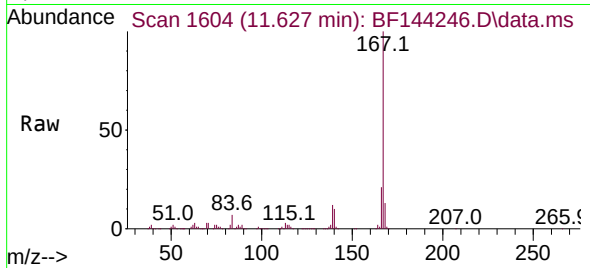
Tgt Ion:178	Resp: 511664
Ion Ratio	Lower Upper
178	100
176	19.1 15.3 22.9
179	15.4 12.0 18.0





#73
 Carbazole
 Concen: 43.033 ng
 RT: 11.627 min Scan# 1604
 Delta R.T. -0.012 min
 Lab File: BF144246.D
 Acq: 13 Nov 2025 16:24

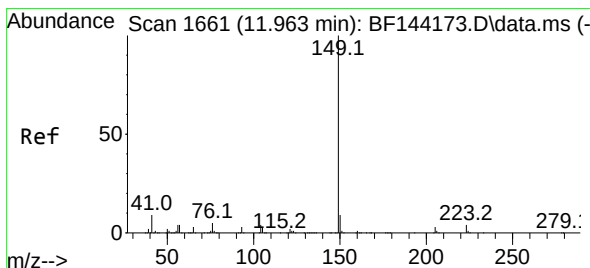
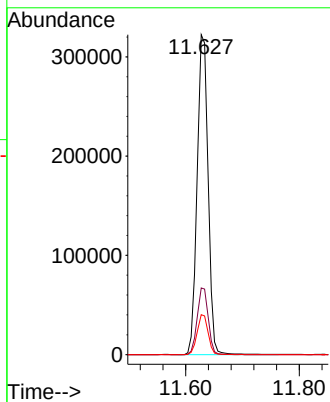
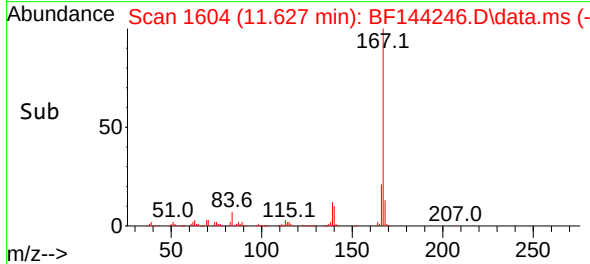
Instrument :
 BNA_F
 ClientSampleId :
 PB170473BSD



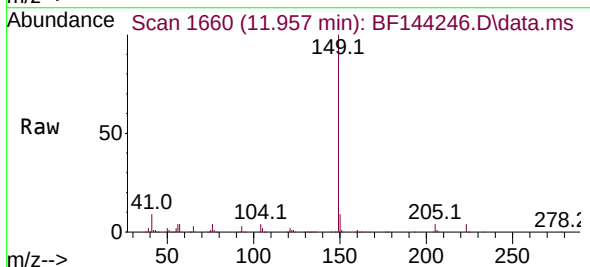
Tgt Ion:167 Resp: 430878
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.2 25.8
 139 12.5 9.9 14.9

Manual Integrations
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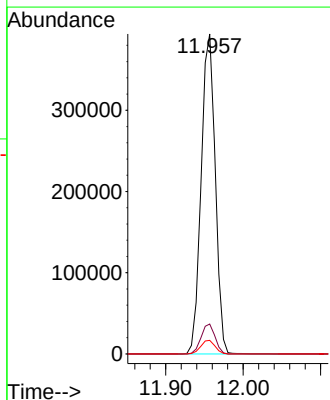
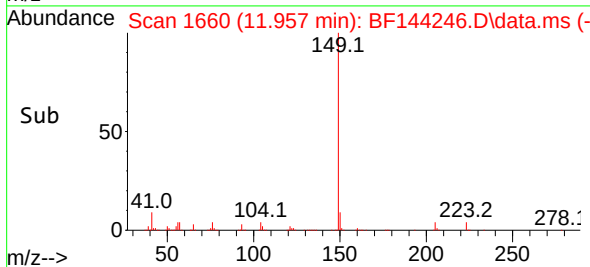
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

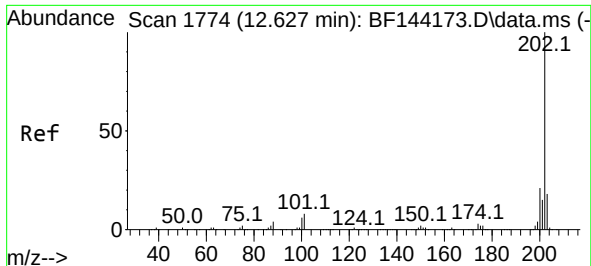


#74
 Di-n-butylphthalate
 Concen: 41.021 ng
 RT: 11.957 min Scan# 1660
 Delta R.T. -0.006 min
 Lab File: BF144246.D
 Acq: 13 Nov 2025 16:24



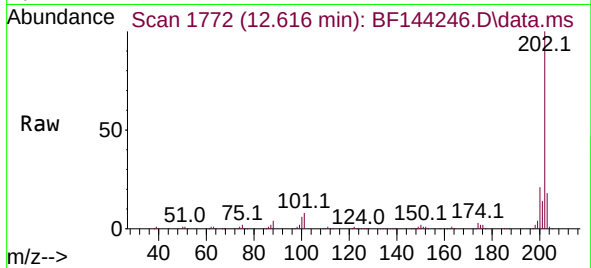
Tgt Ion:149 Resp: 496536
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.2 3.4 5.2





#75
Fluoranthene
Concen: 40.755 ng
RT: 12.616 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

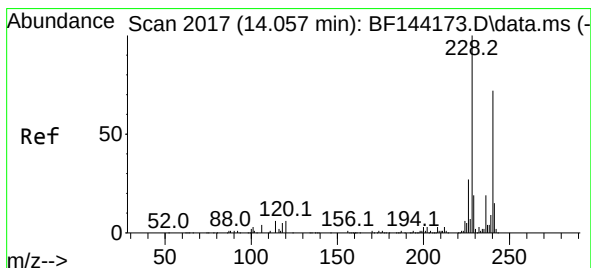
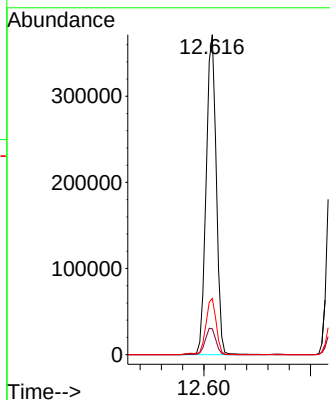
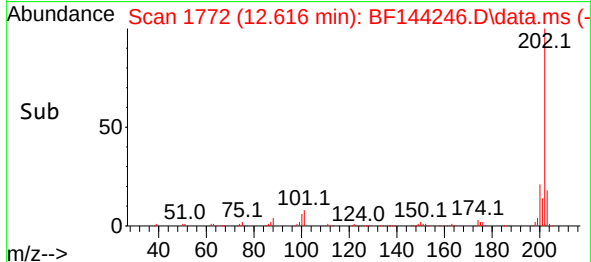
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:202 Resp: 487529
Ion Ratio Lower Upper
202 100
101 8.1 0.0 27.9
203 17.5 0.0 37.5

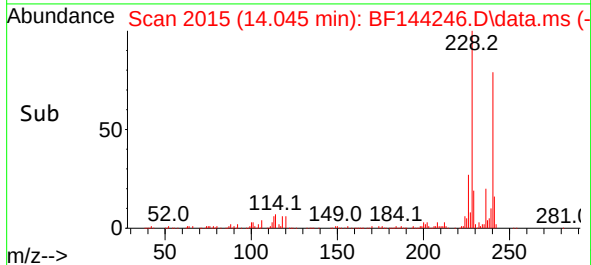
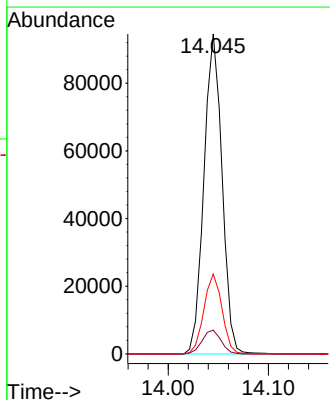
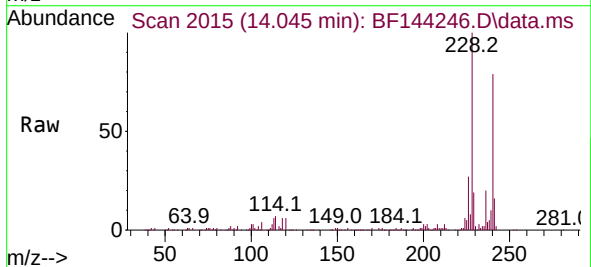
Manual Integrations
APPROVED

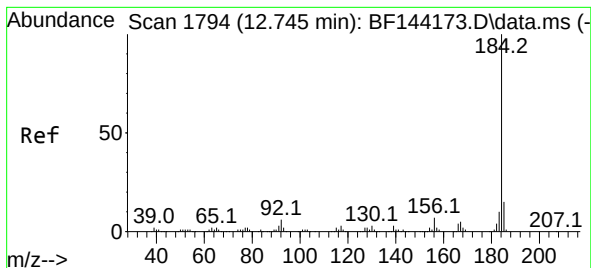
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

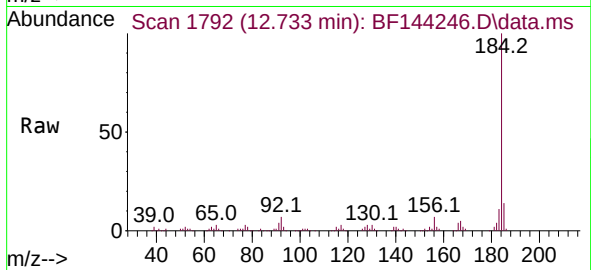
Tgt Ion:240 Resp: 118249
Ion Ratio Lower Upper
240 100
120 7.5 6.6 10.0
236 25.0 21.4 32.2





#77
Benzidine
Concen: 41.580 ng
RT: 12.733 min Scan# 1792
Delta R.T. -0.018 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

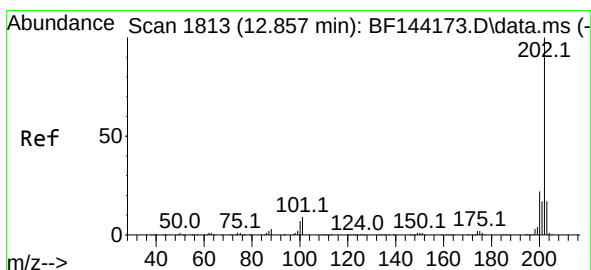
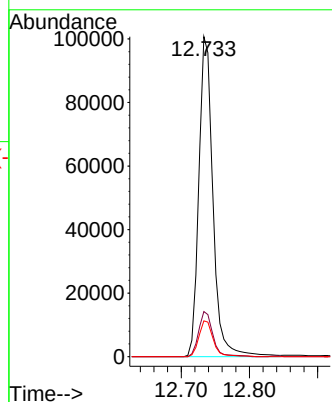
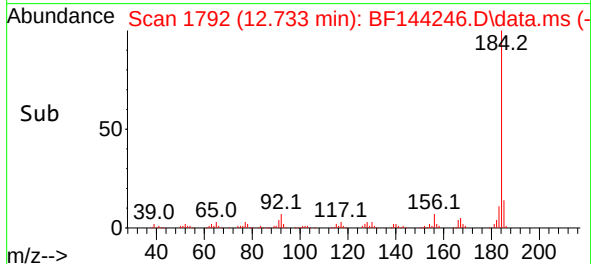
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



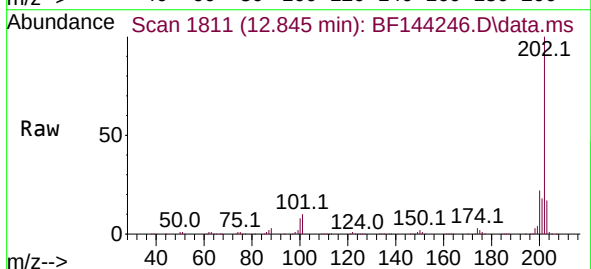
Tgt Ion:184 Resp: 145434
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 11.2 8.3 12.5

Manual Integrations
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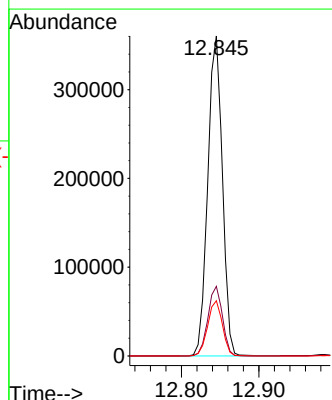
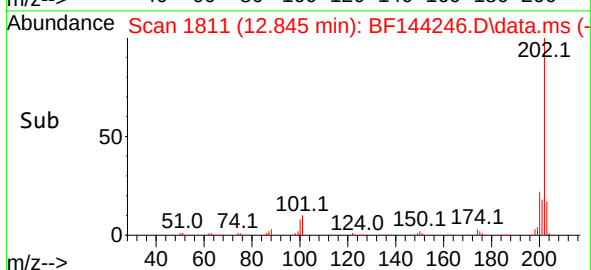
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

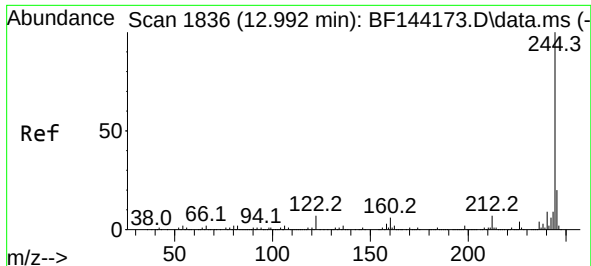


#78
Pyrene
Concen: 49.446 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



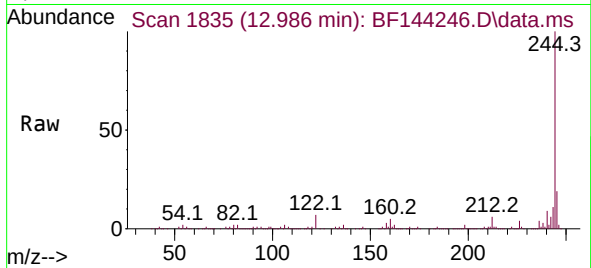
Tgt Ion:202 Resp: 471436
Ion Ratio Lower Upper
202 100
200 21.7 17.2 25.8
203 17.2 13.7 20.5





#79
 Terphenyl-d14
 Concen: 94.133 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF144246.D
 Acq: 13 Nov 2025 16:24

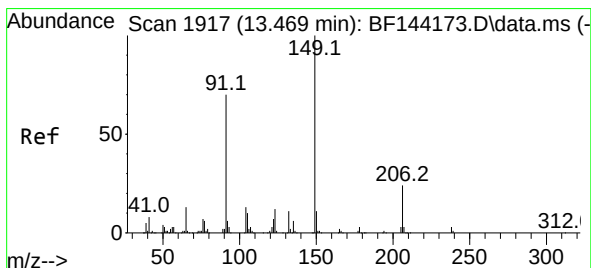
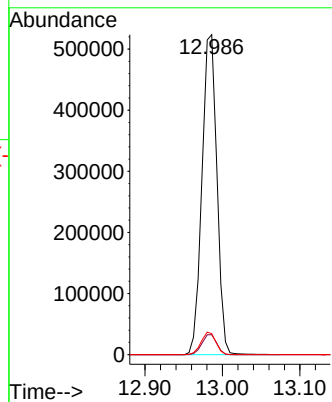
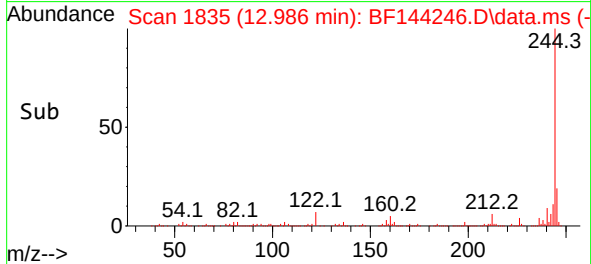
Instrument :
 BNA_F
 ClientSampleId :
 PB170473BSD



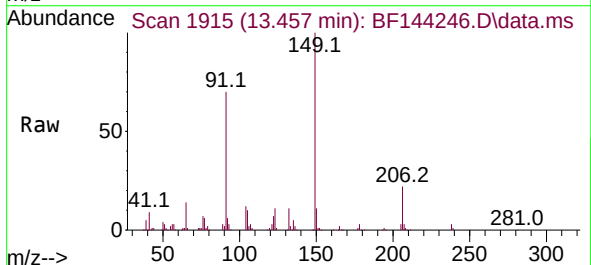
Tgt Ion:244 Resp: 700771
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.3 7.9
 122 6.5 5.6 8.4

Manual Integrations
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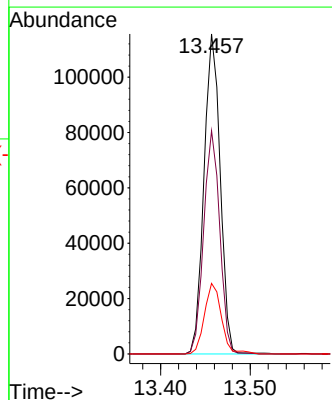
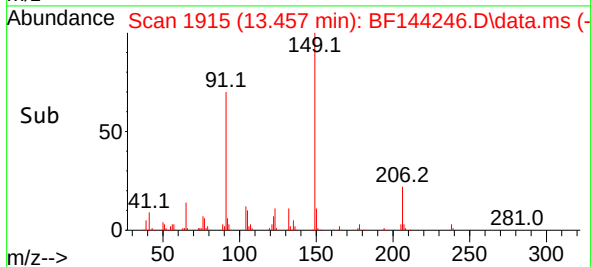
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

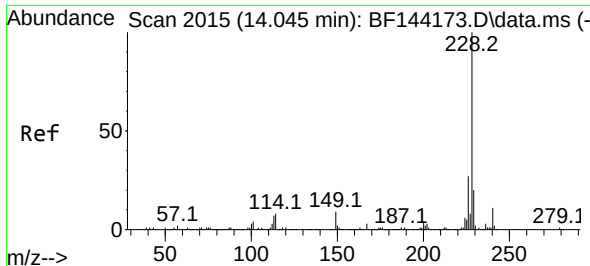


#80
 Butylbenzylphthalate
 Concen: 43.887 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144246.D
 Acq: 13 Nov 2025 16:24



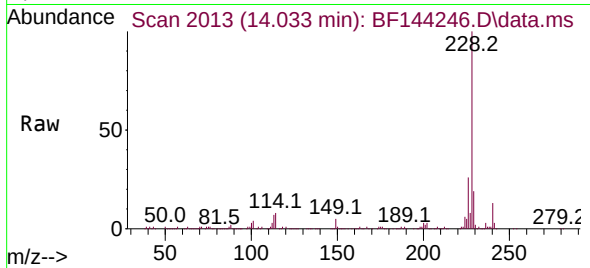
Tgt Ion:149 Resp: 145023
 Ion Ratio Lower Upper
 149 100
 91 69.7 56.1 84.1
 206 22.0 18.8 28.2





#81
Benzo(a)anthracene
Concen: 44.472 ng
RT: 14.033 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

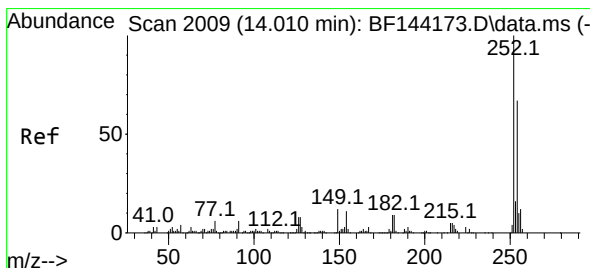
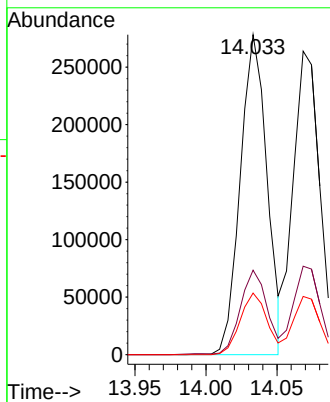
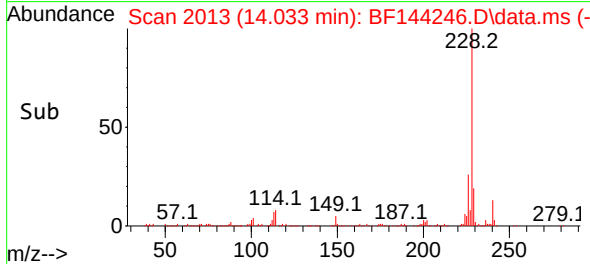
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



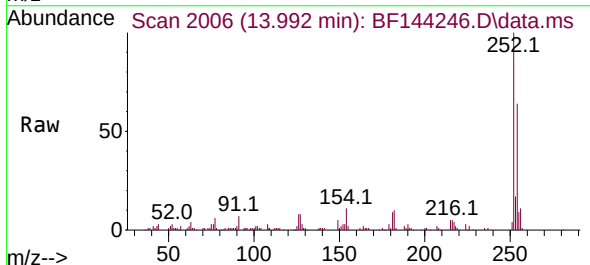
Tgt Ion:228 Resp: 364470
Ion Ratio Lower Upper
228 100
226 26.4 21.8 32.8
229 19.2 15.8 23.6

Manual Integrations
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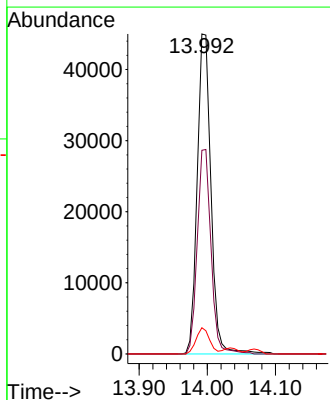
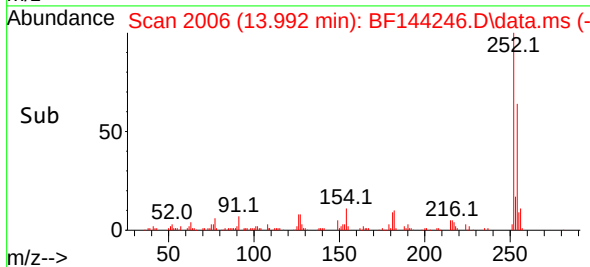
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

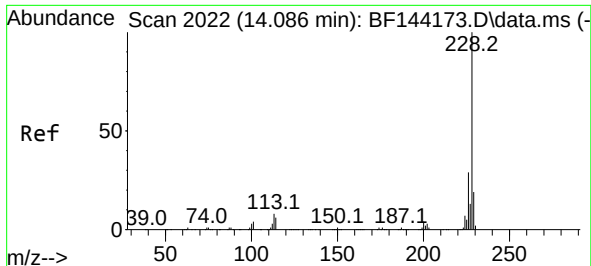


#82
3,3'-Dichlorobenzidine
Concen: 22.487 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



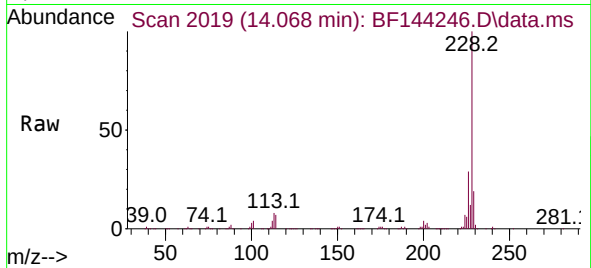
Tgt Ion:252 Resp: 63171
Ion Ratio Lower Upper
252 100
254 63.6 53.5 80.3
126 8.2 6.4 9.6





#83
Chrysene
Concen: 45.686 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

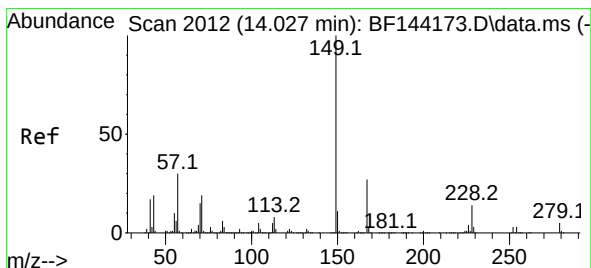
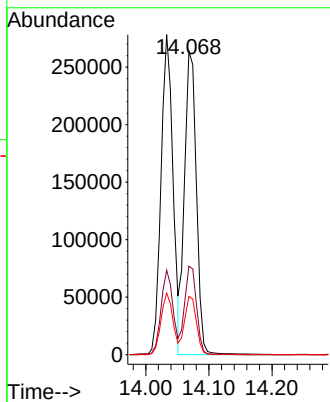
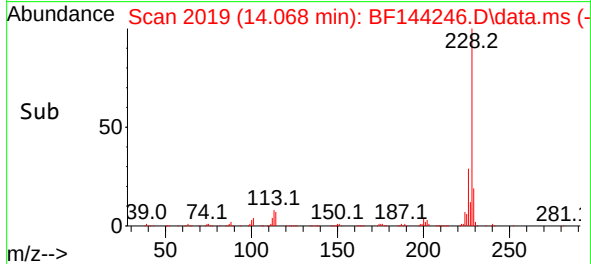
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



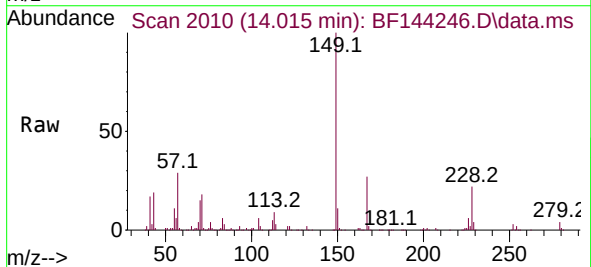
Tgt Ion:228 Resp: 345638
Ion Ratio Lower Upper
228 100
226 29.1 22.9 34.3
229 19.2 15.0 22.6

Manual Integrations
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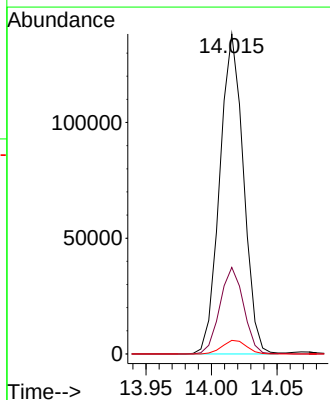
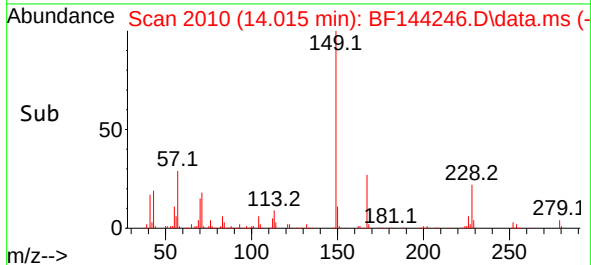
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

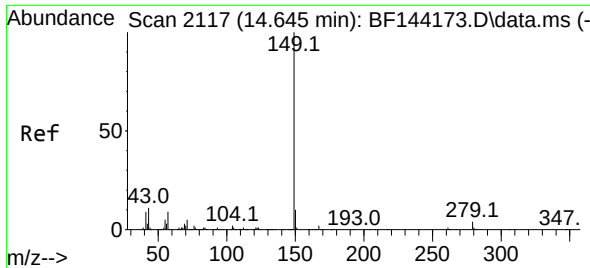


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.481 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



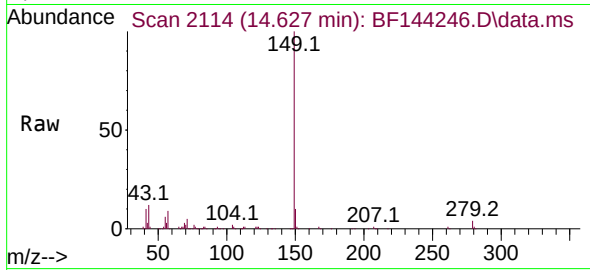
Tgt Ion:149 Resp: 174072
Ion Ratio Lower Upper
149 100
167 27.1 21.8 32.8
279 4.2 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 40.981 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

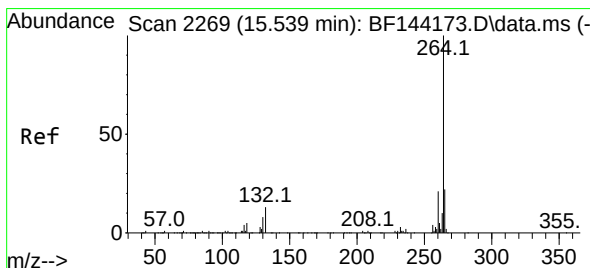
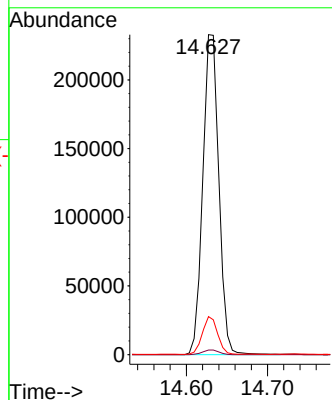
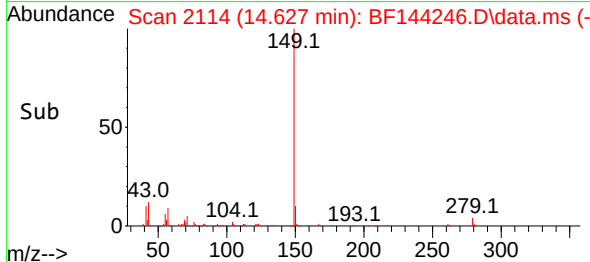
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



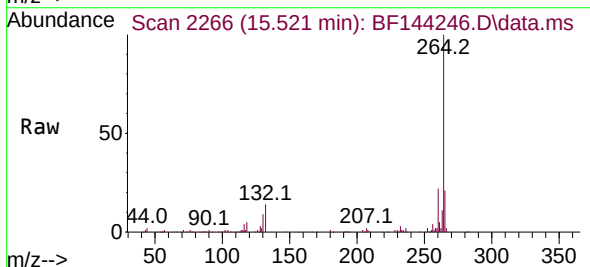
Tgt Ion:149 Resp: 319844
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.2 9.0 13.4

Manual Integrations
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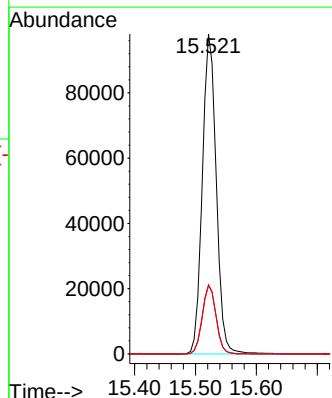
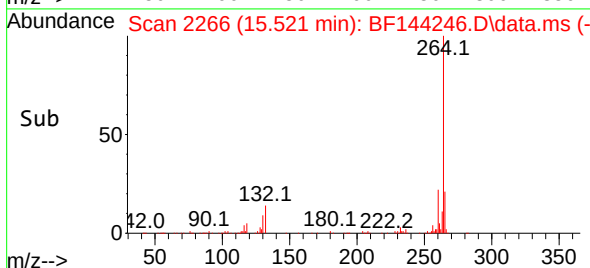
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

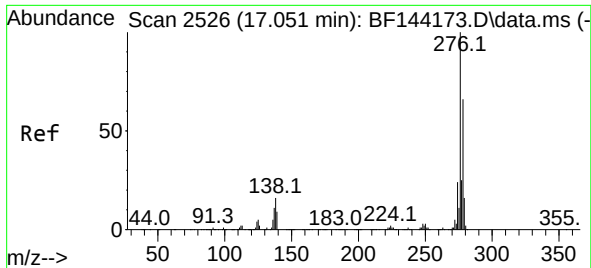


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



Tgt Ion:264 Resp: 155276
Ion Ratio Lower Upper
264 100
260 21.6 17.1 25.7
265 21.4 17.4 26.0





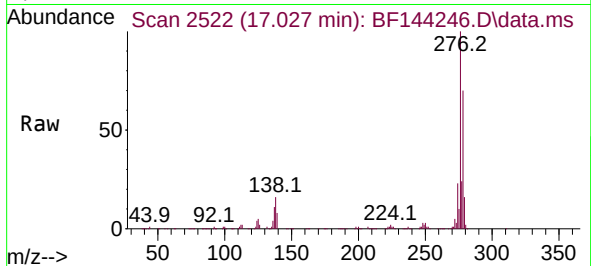
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.731 ng
RT: 17.027 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

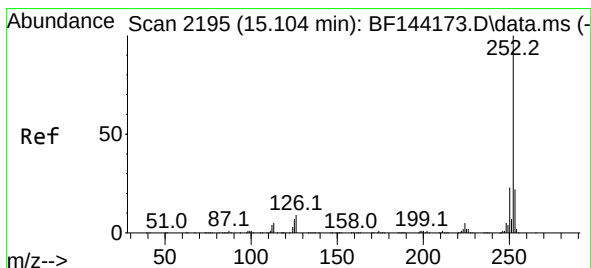
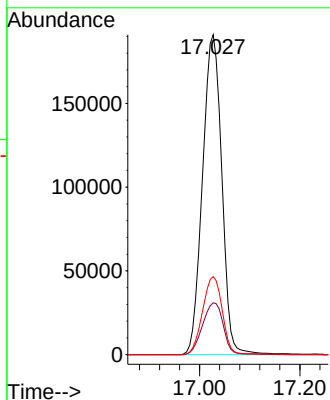
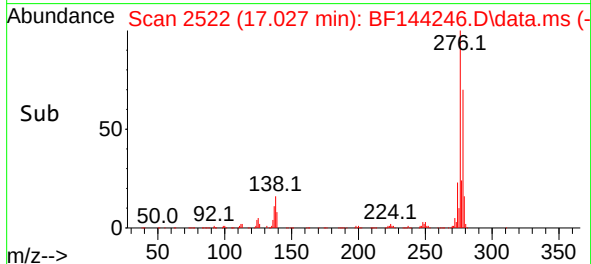


Tgt Ion:276 Resp: 509733
Ion Ratio Lower Upper
276 100
138 17.3 13.9 20.9
277 24.9 19.8 29.6

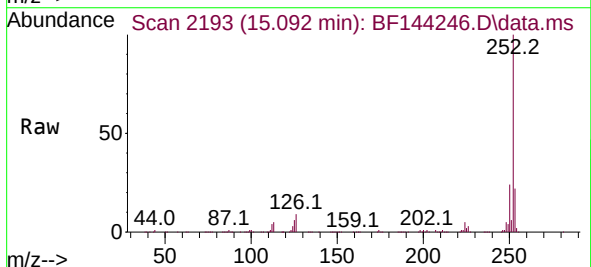
Manual Integrations

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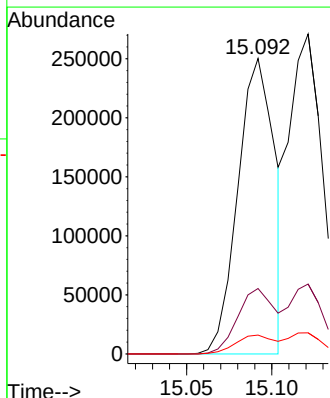
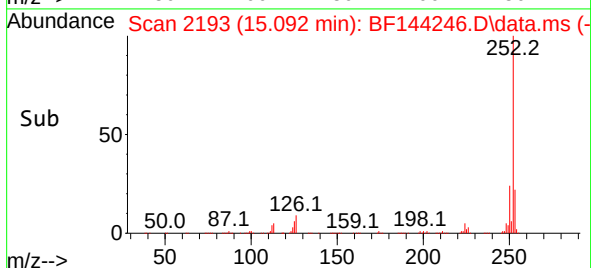
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

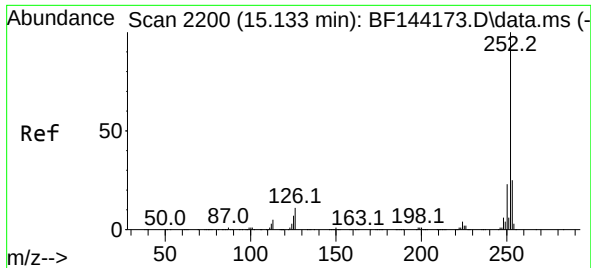


#88
Benzo(b)fluoranthene
Concen: 42.579 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



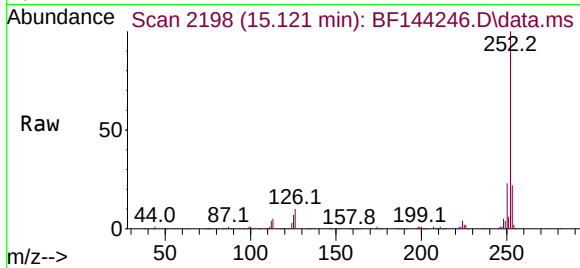
Tgt Ion:252 Resp: 375877
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 6.4 5.3 7.9





#89
Benzo(k)fluoranthene
Concen: 45.001 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

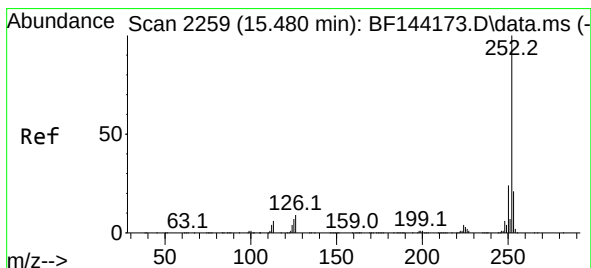
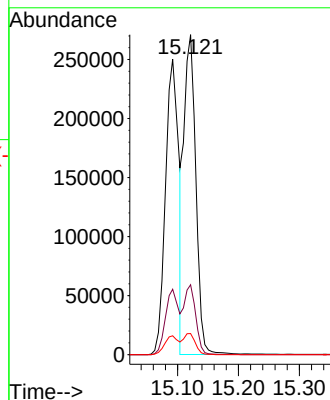
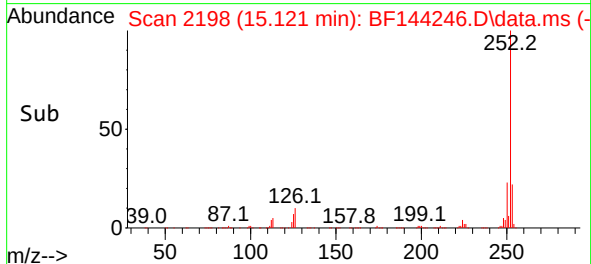
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



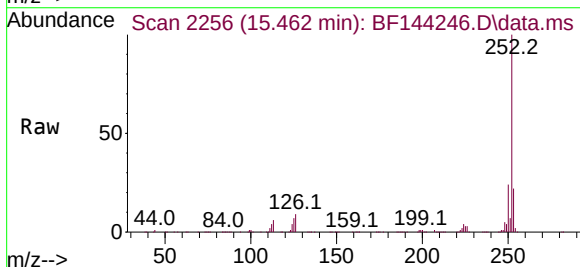
Tgt Ion:252 Resp: 371832
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 6.6 5.4 8.2

Manual Integrations
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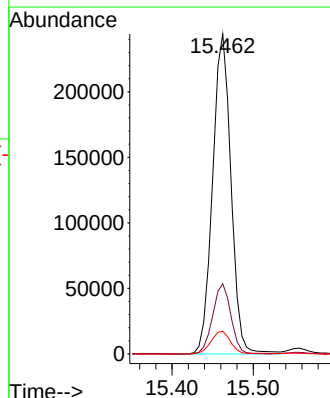
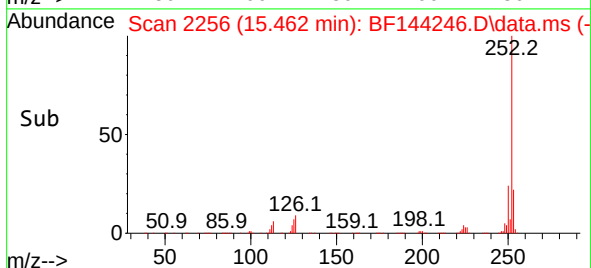
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

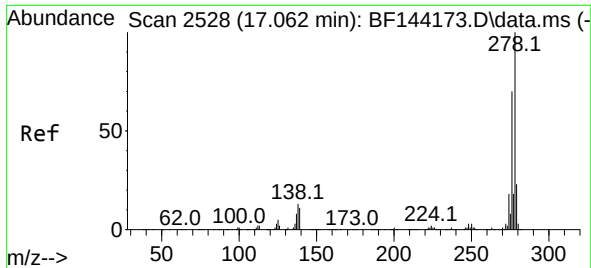


#90
Benzo(a)pyrene
Concen: 47.131 ng
RT: 15.462 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



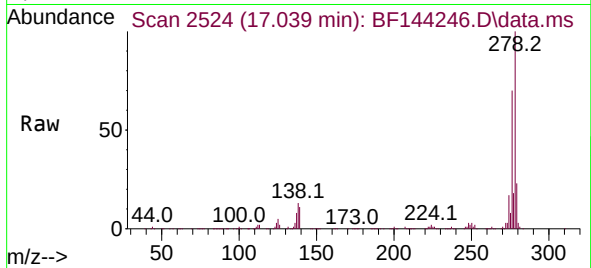
Tgt Ion:252 Resp: 383834
Ion Ratio Lower Upper
252 100
253 21.9 16.7 25.1
125 7.1 5.7 8.5





#91
Dibenzo(a,h)anthracene
Concen: 45.888 ng
RT: 17.039 min Scan# 2528
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

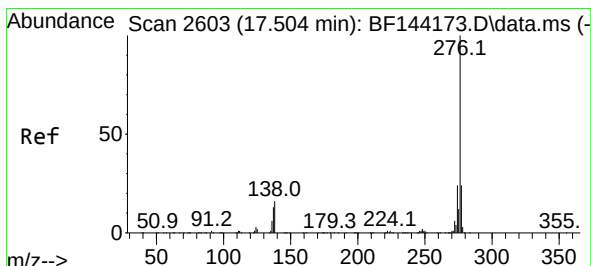
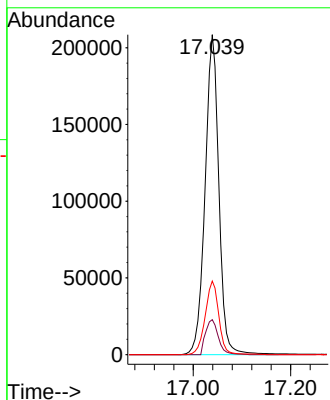
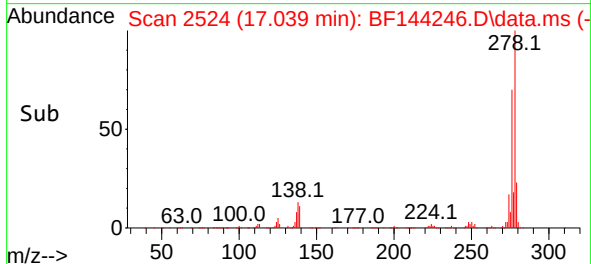
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



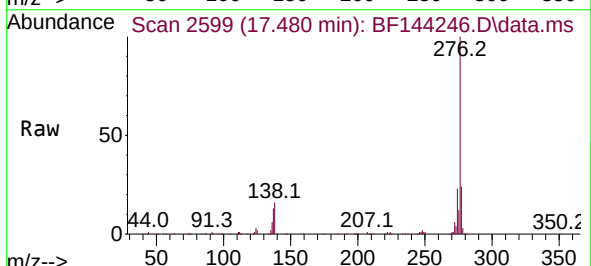
Tgt Ion:278 Resp: 410772
Ion Ratio Lower Upper
278 100
139 10.9 9.1 13.7
279 23.0 18.2 27.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#92
Benzo(g,h,i)perylene
Concen: 46.606 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



Tgt Ion:276 Resp: 411997
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 15.8 12.9 19.3

