

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
 Data File : BF144384.D
 Acq On : 01 Dec 2025 13:42
 Operator : RC/JU
 Sample : PB170749BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170749BS

Quant Time: Dec 01 14:10:39 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	59295	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	231153	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	124678	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	198008	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	136973	20.000	ng	0.00
86) Perylene-d12	15.527	264	157471	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	437630	115.496	ng	0.00
7) Phenol-d6	6.504	99	493447	114.932	ng	0.00
23) Nitrobenzene-d5	7.428	82	310851	77.668	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	171314	109.496	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	655245	77.620	ng	0.00
79) Terphenyl-d14	12.980	244	623045	72.251	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	61026	38.956	ng	98
3) Pyridine	3.446	79	154384	35.324	ng	95
4) n-Nitrosodimethylamine	3.387	42	94001	41.176	ng	86
6) Aniline	6.528	93	190840	31.198	ng	# 86
8) 2-Chlorophenol	6.651	128	161672	43.508	ng	98
9) Benzaldehyde	6.416	77	109493	45.163	ng	98
10) Phenol	6.516	94	219587	41.861	ng	89
11) bis(2-Chloroethyl)ether	6.598	93	171087	44.760	ng	99
12) 1,3-Dichlorobenzene	6.804	146	190915	41.636	ng	99
13) 1,4-Dichlorobenzene	6.881	146	199135	43.349	ng	99
14) 1,2-Dichlorobenzene	7.034	146	189739	43.092	ng	98
15) Benzyl Alcohol	7.010	79	146415	43.068	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	321154	45.626	ng	88
17) 2-Methylphenol	7.122	107	127669	43.187	ng	97
18) Hexachloroethane	7.375	117	64315	42.141	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	118179	41.813	ng	98
20) 3+4-Methylphenols	7.275	107	146265	41.972	ng	92
22) Acetophenone	7.275	105	228039	45.987	ng	100
24) Nitrobenzene	7.445	77	181209	41.700	ng	99
25) Isophorone	7.687	82	321758	42.502	ng	98
26) 2-Nitrophenol	7.763	139	95524	44.406	ng	96
27) 2,4-Dimethylphenol	7.798	122	151414	46.962	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	205537	43.477	ng	97
29) 2,4-Dichlorophenol	8.010	162	152532	41.046	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	160692	42.111	ng	99
31) Naphthalene	8.169	128	459081	41.751	ng	99
32) Benzoic acid	7.934	122	111379	47.127	ng	94
33) 4-Chloroaniline	8.216	127	106887	26.653	ng	98
34) Hexachlorobutadiene	8.281	225	111025	38.606	ng	98
35) Caprolactam	8.586	113	44393	43.604	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	138990	41.734	ng	99
37) 2-Methylnaphthalene	8.857	142	276640	37.630	ng	100
38) 1-Methylnaphthalene	8.957	142	285102	40.192	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	184862	45.242	ng	99
41) Hexachlorocyclopentadiene	9.010	237	113124	73.343	ng	97
43) 2,4,6-Trichlorophenol	9.139	196	113696	40.882	ng	99

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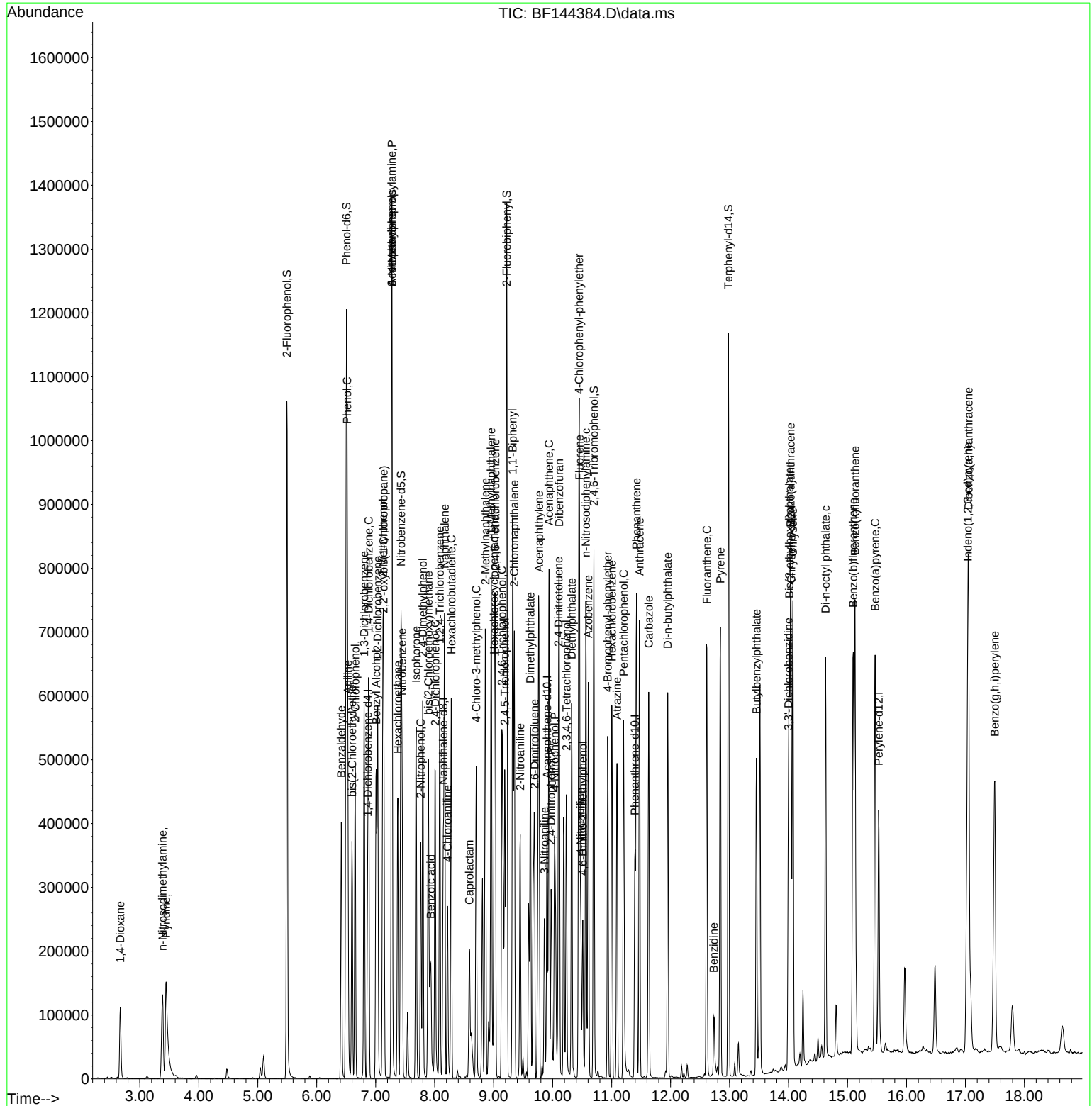
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	120352	40.153	ng	99
46) 1,1'-Biphenyl	9.322	154	401018	46.079	ng	99
47) 2-Chloronaphthalene	9.351	162	307589	41.434	ng	99
48) 2-Nitroaniline	9.451	65	92190	43.040	ng	93
49) Acenaphthylene	9.769	152	474191	46.873	ng	100
50) Dimethylphthalate	9.622	163	354634	42.936	ng	100
51) 2,6-Dinitrotoluene	9.692	165	74379	44.484	ng	92
52) Acenaphthene	9.939	154	256834	37.965	ng	99
53) 3-Nitroaniline	9.863	138	55625	30.433	ng	99
54) 2,4-Dinitrophenol	9.975	184	78483	77.732	ng	96
55) Dibenzofuran	10.110	168	389950	41.157	ng	98
56) 4-Nitrophenol	10.033	139	88611	67.020	ng	96
57) 2,4-Dinitrotoluene	10.098	165	94355	42.154	ng	96
58) Fluorene	10.457	166	304433	42.261	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	93109	43.906	ng	97
60) Diethylphthalate	10.322	149	308644	40.536	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	165067	40.227	ng	99
62) 4-Nitroaniline	10.475	138	67825	38.966	ng	92
63) Azobenzene	10.604	77	307399	43.379	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	55474	41.240	ng	97
66) n-Nitrosodiphenylamine	10.563	169	288109	45.240	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	104978	41.536	ng	98
68) Hexachlorobenzene	11.004	284	128552	43.183	ng	97
69) Atrazine	11.092	200	87475	43.191	ng	99
70) Pentachlorophenol	11.204	266	122189	82.427	ng	98
71) Phenanthrene	11.422	178	424418	43.051	ng	99
72) Anthracene	11.475	178	426351	42.531	ng	99
73) Carbazole	11.627	167	362984	42.583	ng	100
74) Di-n-butylphthalate	11.951	149	437999	42.505	ng	99
75) Fluoranthene	12.616	202	433126	42.531	ng	98
77) Benzidine	12.733	184	69330	17.112	ng	98
78) Pyrene	12.845	202	436534	39.527	ng	99
80) Butylbenzylphthalate	13.457	149	165549	43.250	ng	98
81) Benzo(a)anthracene	14.033	228	431575	45.461	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	121871	37.452	ng	95
83) Chrysene	14.074	228	374964	42.787	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	236665	45.166	ng	99
85) Di-n-octyl phthalate	14.627	149	426006	47.121	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.039	276	528187	46.726	ng	97
88) Benzo(b)fluoranthene	15.098	252	456943	51.041	ng	99
89) Benzo(k)fluoranthene	15.127	252	425071	50.727	ng	99
90) Benzo(a)pyrene	15.468	252	430060	52.071	ng	97
91) Dibenzo(a,h)anthracene	17.051	278	438458	48.298	ng	99
92) Benzo(g,h,i)perylene	17.498	276	445844	49.732	ng	97

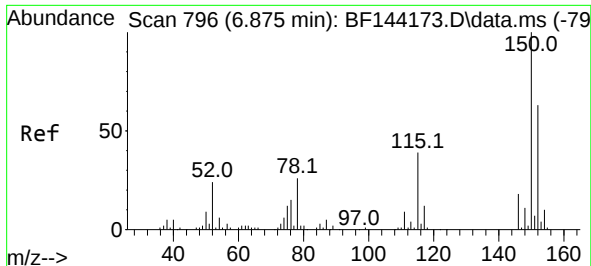
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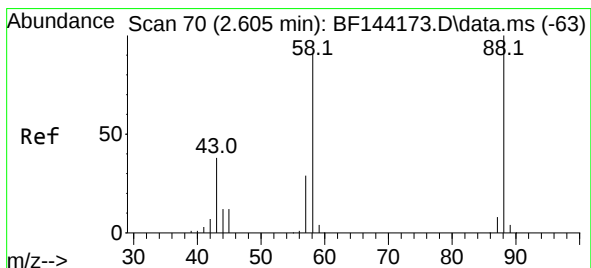
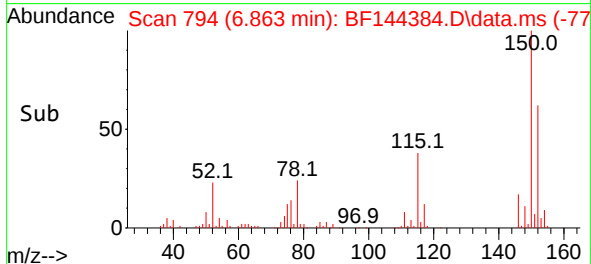
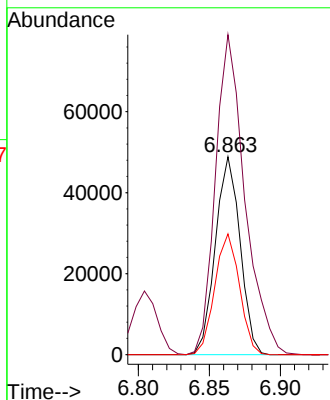
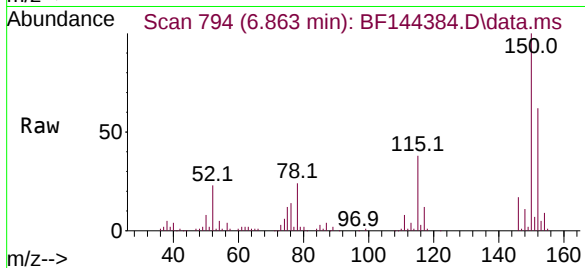




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF144384.D
 Acq: 01 Dec 2025 13:42

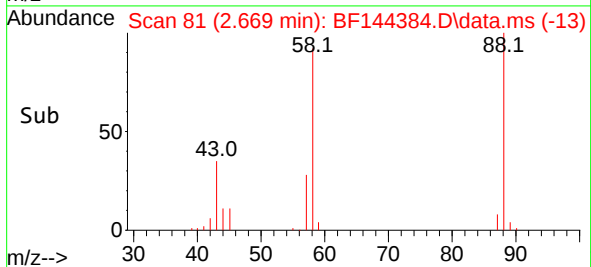
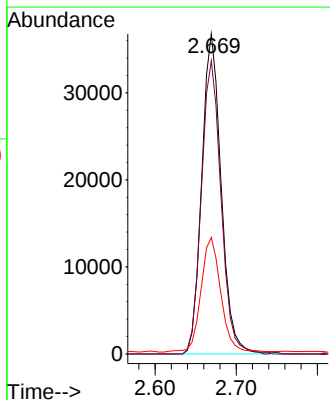
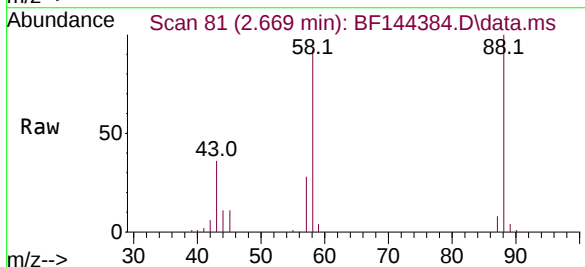
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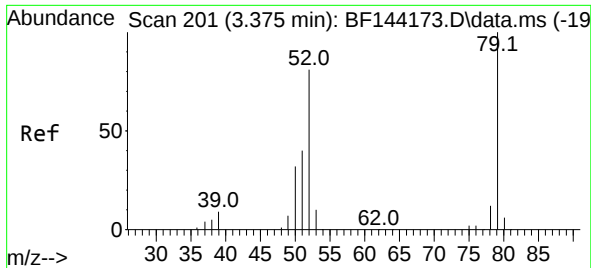
Tgt Ion:152 Resp: 59295
 Ion Ratio Lower Upper
 152 100
 150 161.8 127.4 191.0
 115 61.1 49.5 74.3



#2
 1,4-Dioxane
 Concen: 38.956 ng
 RT: 2.669 min Scan# 81
 Delta R.T. 0.053 min
 Lab File: BF144384.D
 Acq: 01 Dec 2025 13:42

Tgt Ion: 88 Resp: 61026
 Ion Ratio Lower Upper
 88 100
 58 92.8 73.1 109.7
 43 36.7 31.0 46.6

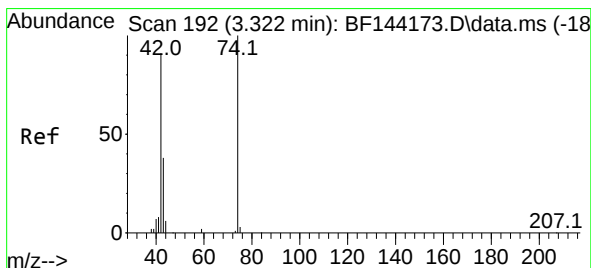
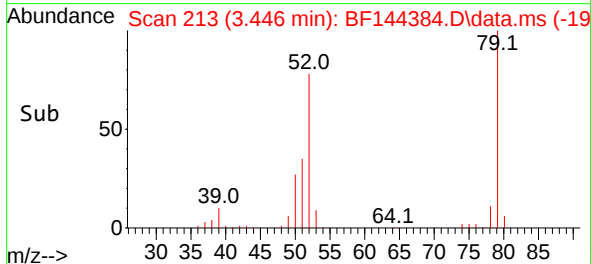
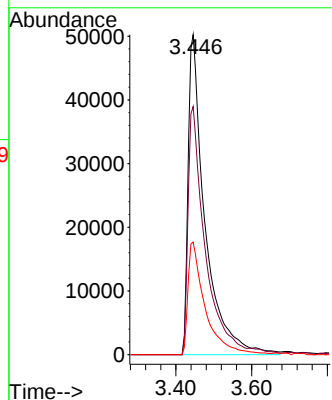
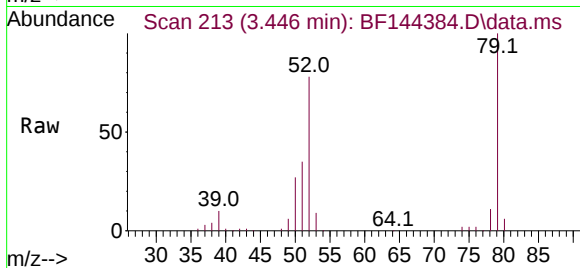




#3
 Pyridine
 Concen: 35.324 ng
 RT: 3.446 min Scan# 21
 Delta R.T. 0.035 min
 Lab File: BF144384.D
 Acq: 01 Dec 2025 13:42

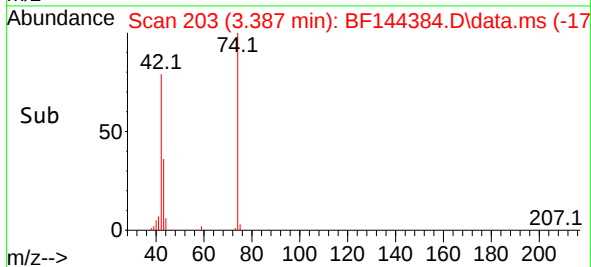
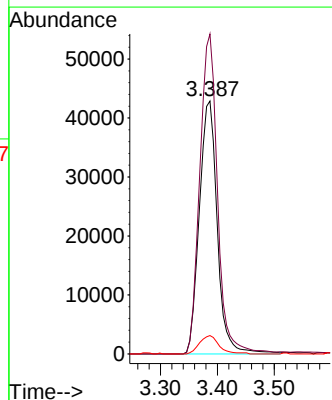
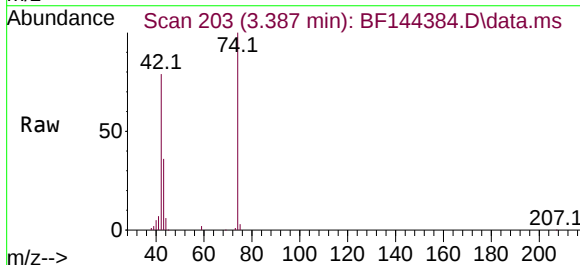
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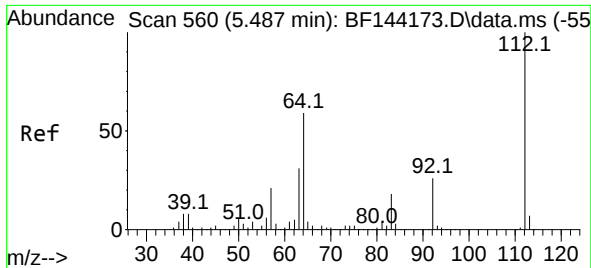
Tgt Ion: 79 Resp: 154384
 Ion Ratio Lower Upper
 79 100
 52 77.5 64.5 96.7
 51 35.2 31.7 47.5



#4
 n-Nitrosodimethylamine
 Concen: 41.176 ng
 RT: 3.387 min Scan# 203
 Delta R.T. 0.041 min
 Lab File: BF144384.D
 Acq: 01 Dec 2025 13:42

Tgt Ion: 42 Resp: 94001
 Ion Ratio Lower Upper
 42 100
 74 126.5 88.2 132.4
 44 7.2 5.7 8.5

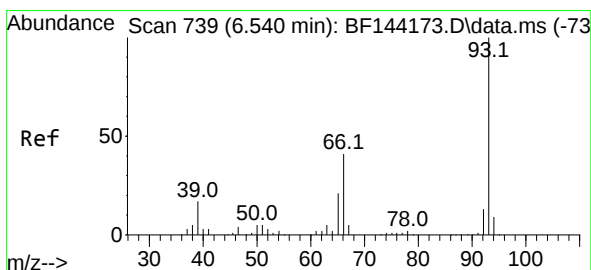
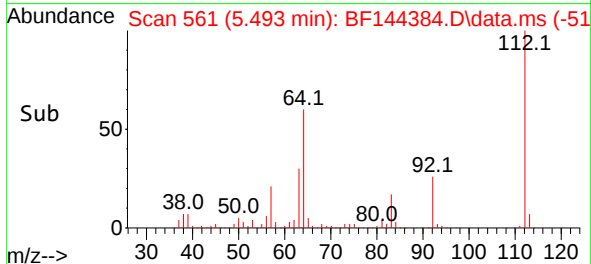
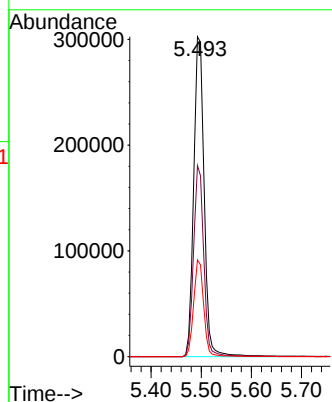
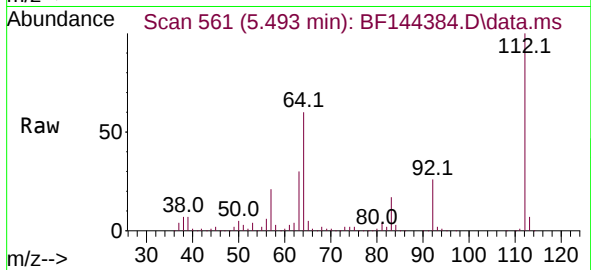




#5
2-Fluorophenol
Concen: 115.496 ng
RT: 5.493 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

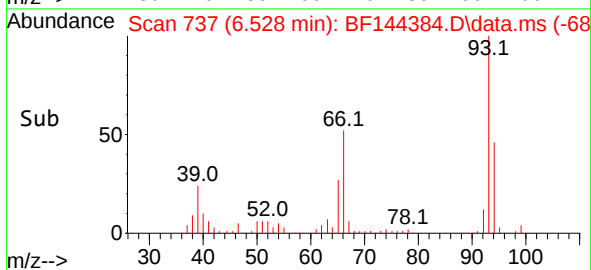
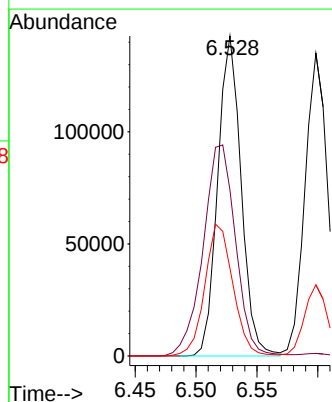
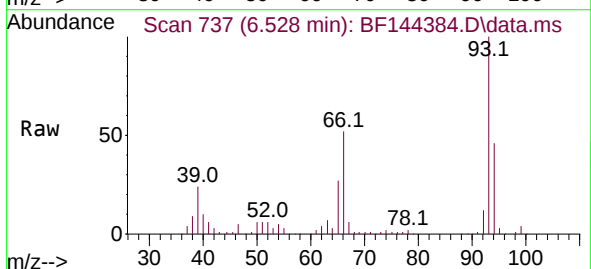
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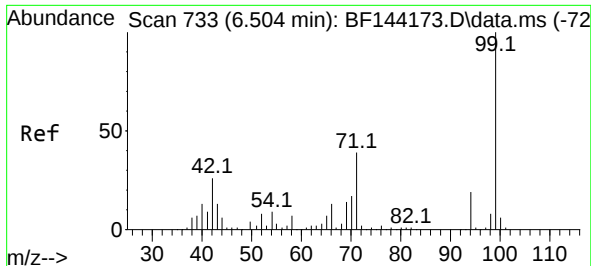
Tgt Ion:112 Resp: 437630
Ion Ratio Lower Upper
112 100
64 59.7 47.2 70.8
63 30.2 24.4 36.6



#6
Aniline
Concen: 31.198 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion: 93 Resp: 190840
Ion Ratio Lower Upper
93 100
66 51.8 34.3 51.5#
65 27.3 16.9 25.3#

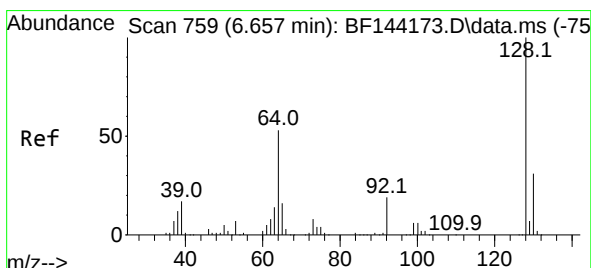
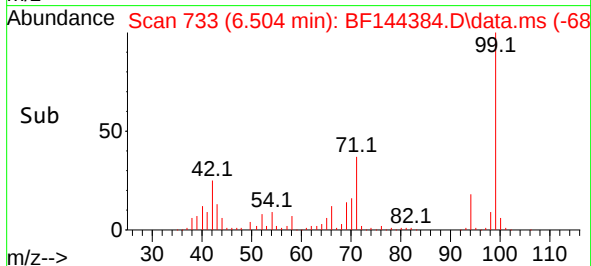
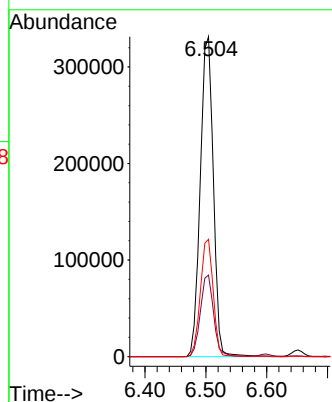
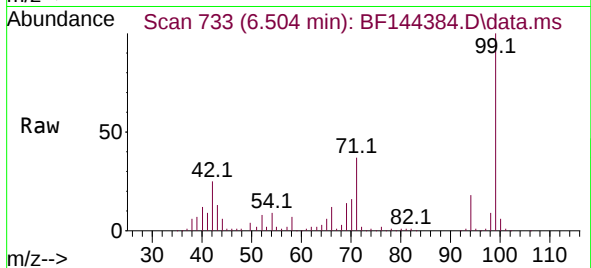




#7
Phenol-d6
Concen: 114.932 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

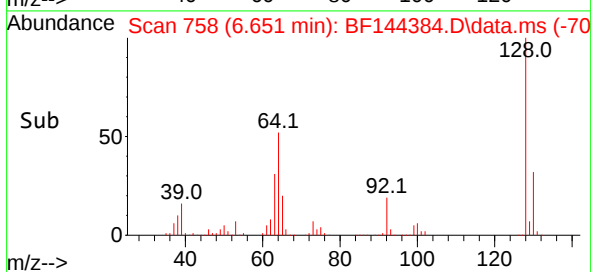
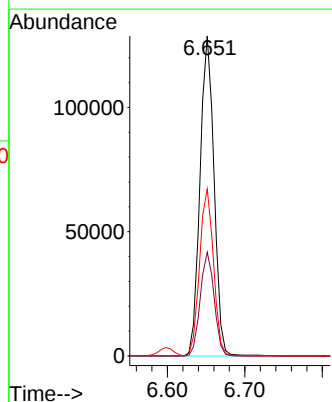
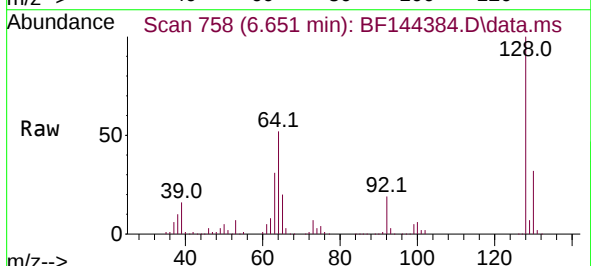
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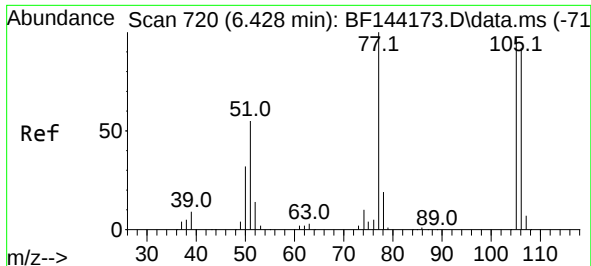
Tgt Ion: 99 Resp: 493447
Ion Ratio Lower Upper
99 100
42 25.5 20.9 31.3
71 36.7 31.4 47.2



#8
2-Chlorophenol
Concen: 43.508 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:128 Resp: 161672
Ion Ratio Lower Upper
128 100
130 32.4 10.5 50.5
64 52.2 33.2 73.2

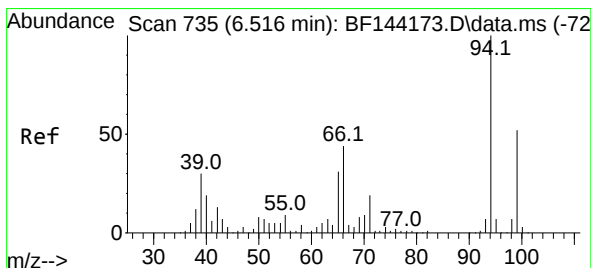
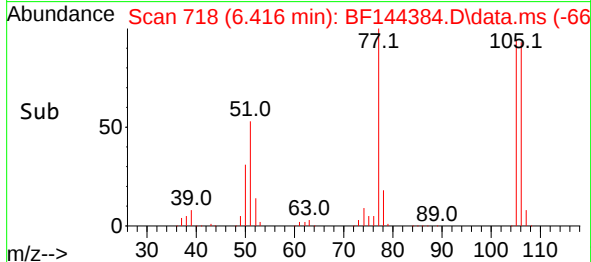
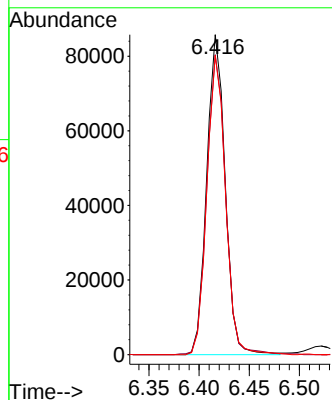
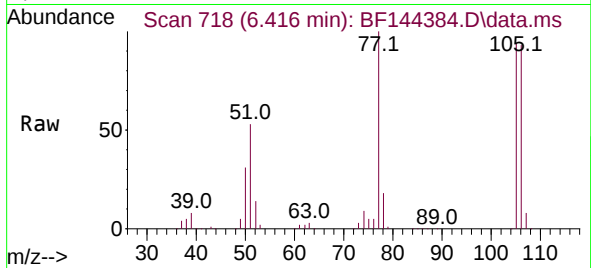




#9
Benzaldehyde
Concen: 45.163 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.012 min
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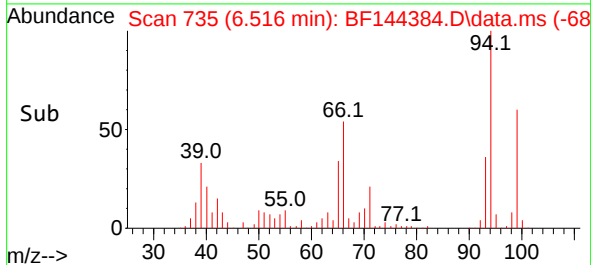
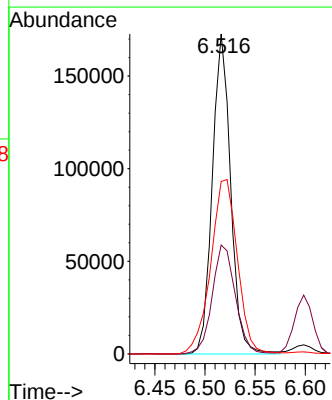
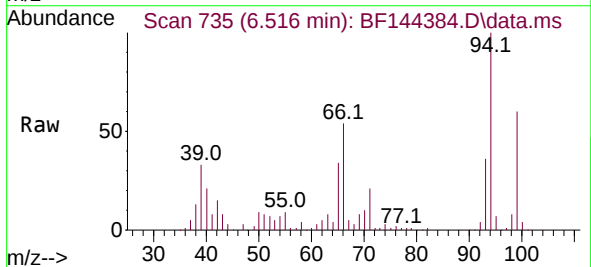
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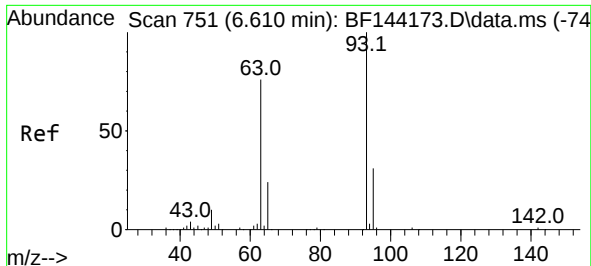
Tgt Ion: 77 Resp: 109493
Ion Ratio Lower Upper
77 100
105 93.7 77.2 117.2
106 93.5 72.2 112.2



#10
Phenol
Concen: 41.861 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 219587
Ion Ratio Lower Upper
94 100
65 34.0 10.8 50.8
66 53.9 24.3 64.3

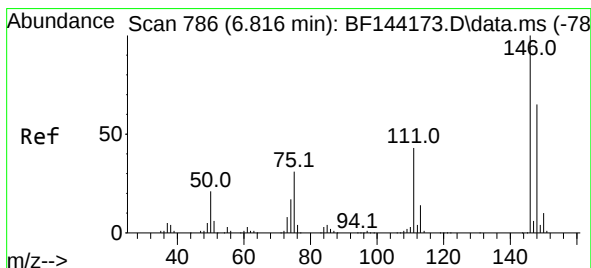
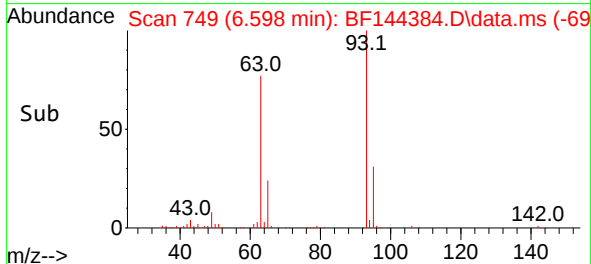
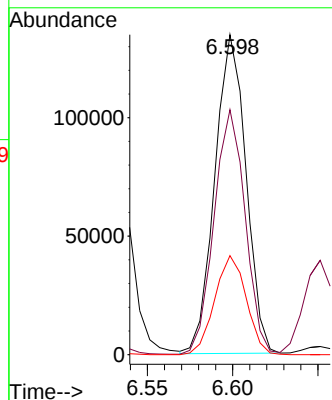
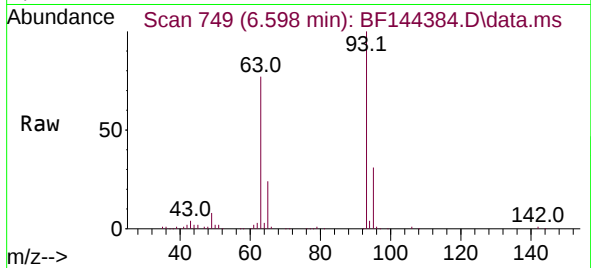




#11
bis(2-Chloroethyl)ether
Concen: 44.760 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

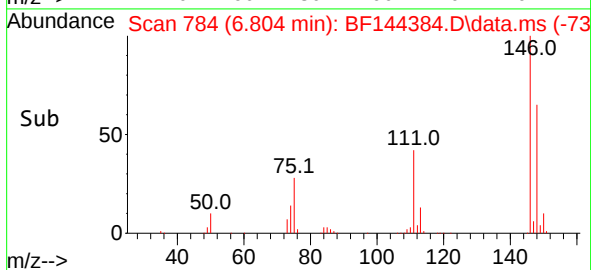
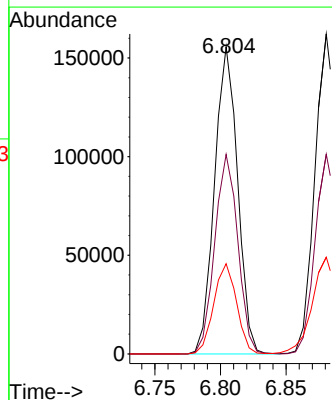
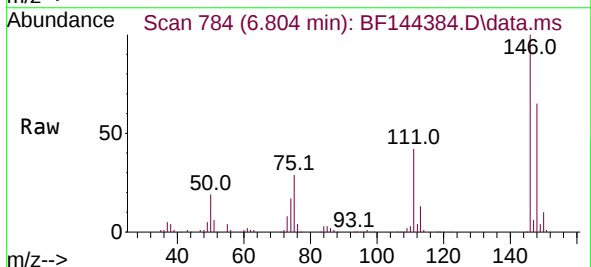
Instrument :
BNA_F
ClientSampleId :
PB170749BS

Tgt Ion: 93 Resp: 171087
Ion Ratio Lower Upper
93 100
63 76.6 55.2 95.2
95 30.9 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 41.636 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:146 Resp: 190915
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 29.4 25.0 37.4

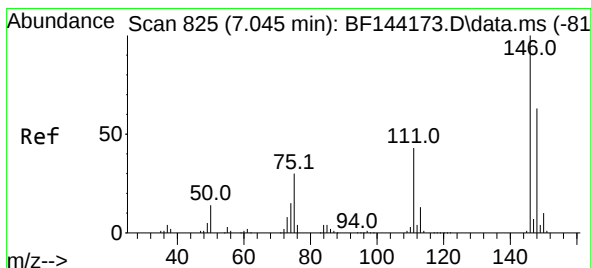
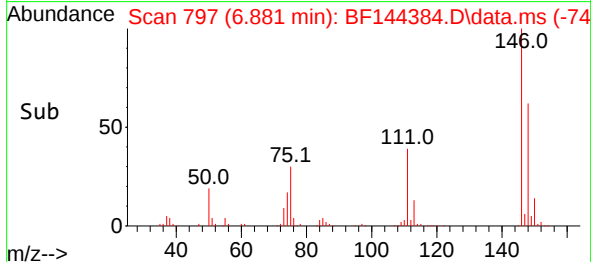
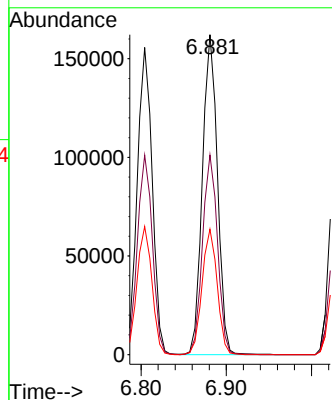
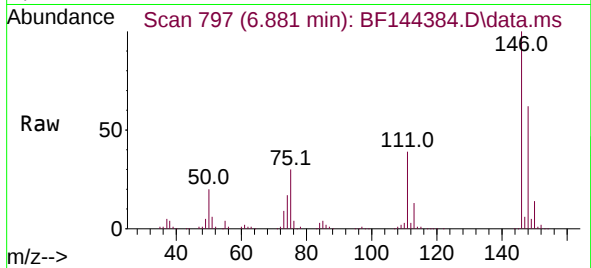




#13
1,4-Dichlorobenzene
Concen: 43.349 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

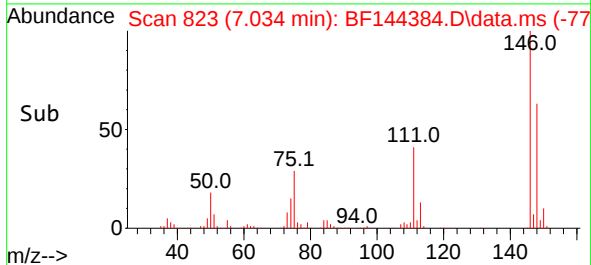
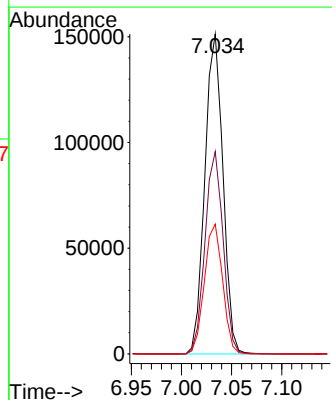
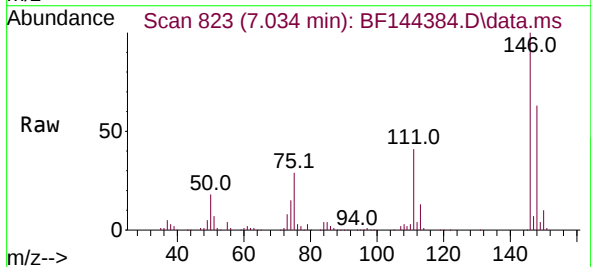
Instrument :
BNA_F
ClientSampleId :
PB170749BS

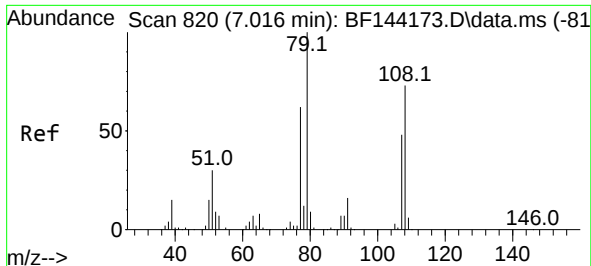
Tgt Ion:146 Resp: 199135
Ion Ratio Lower Upper
146 100
148 62.4 50.2 75.2
111 39.2 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 43.092 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:146 Resp: 189739
Ion Ratio Lower Upper
146 100
148 63.2 50.7 76.1
111 40.6 34.2 51.4

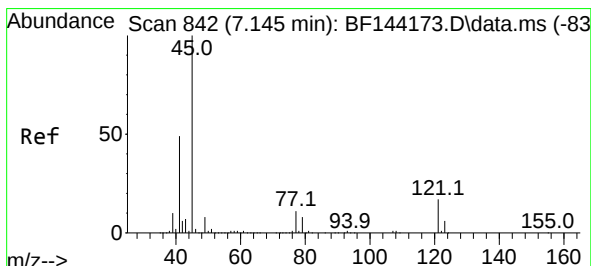
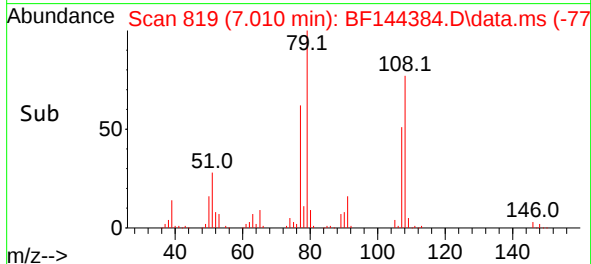
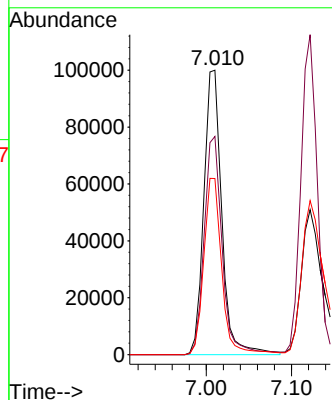
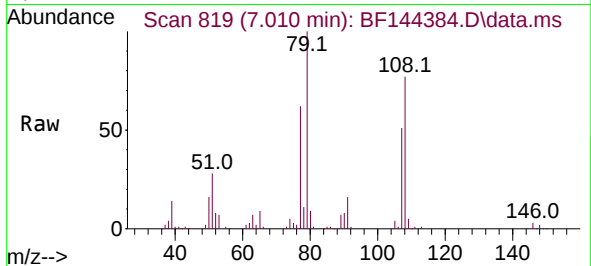




#15
Benzyl Alcohol
Concen: 43.068 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

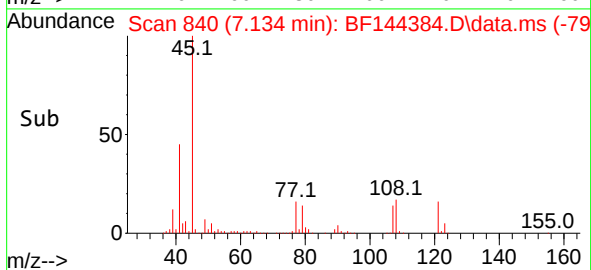
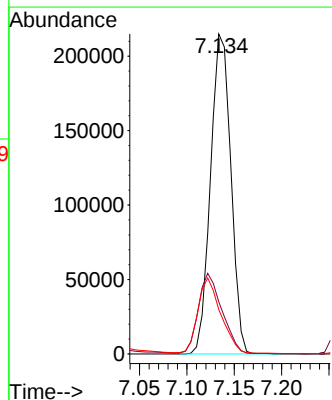
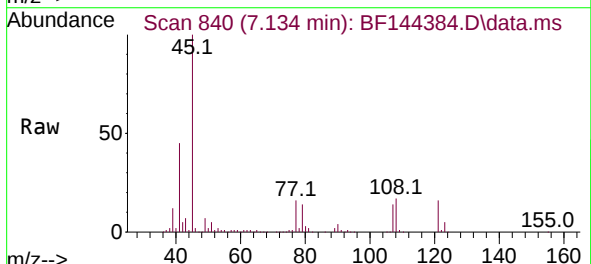
Instrument :
BNA_F
ClientSampleId :
PB170749BS

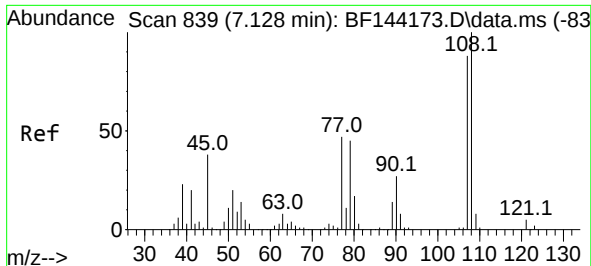
Tgt Ion: 79 Resp: 146415
Ion Ratio Lower Upper
79 100
108 76.7 58.2 87.4
77 62.0 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.626 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion: 45 Resp: 321154
Ion Ratio Lower Upper
45 100
77 16.3 0.0 31.8
79 13.9 0.0 29.1

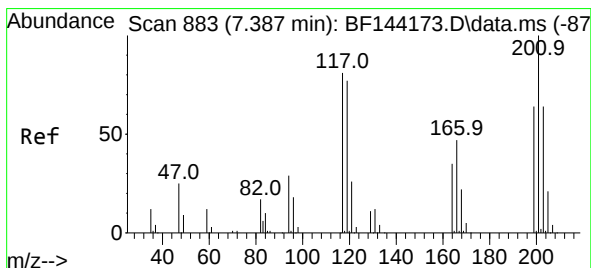
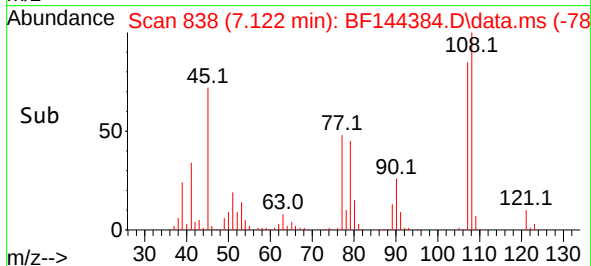
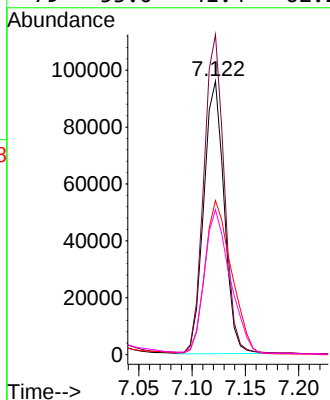
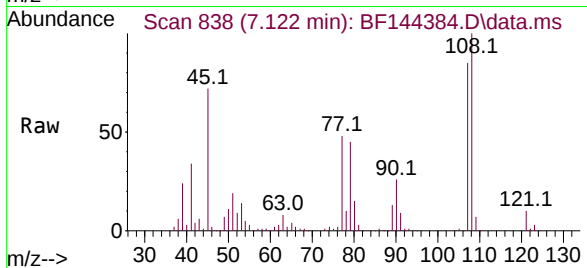




#17
2-Methylphenol
Concen: 43.187 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

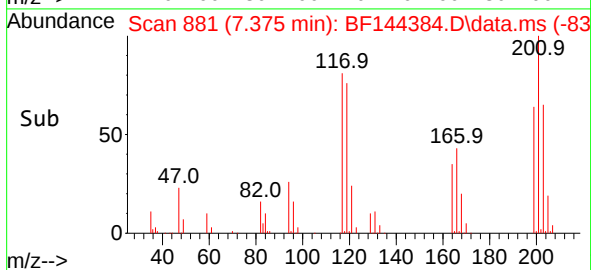
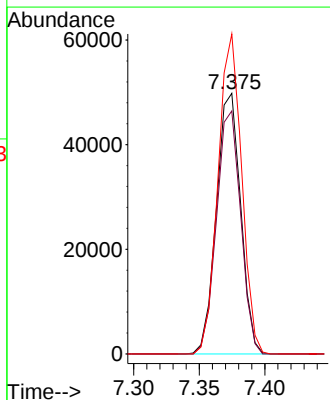
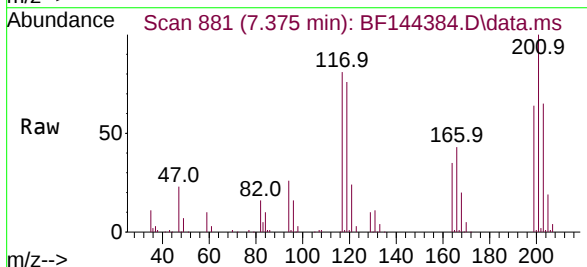
Instrument :
BNA_F
ClientSampleId :
PB170749BS

Tgt Ion:	107	Resp:	127669
Ion	Ratio	Lower	Upper
107	100		
108	117.0	91.0	136.4
77	56.3	42.7	64.1
79	53.0	41.4	62.2



#18
Hexachloroethane
Concen: 42.141 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:	117	Resp:	64315
Ion	Ratio	Lower	Upper
117	100		
119	93.3	75.8	113.8
201	122.8	98.9	148.3



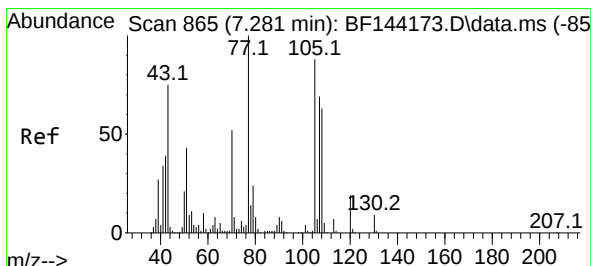
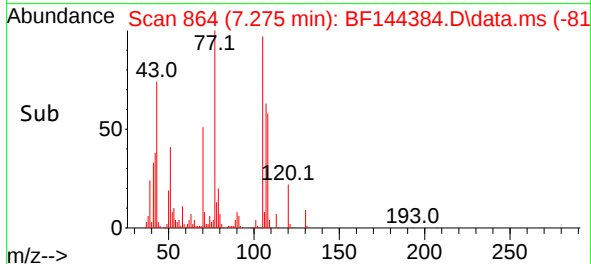
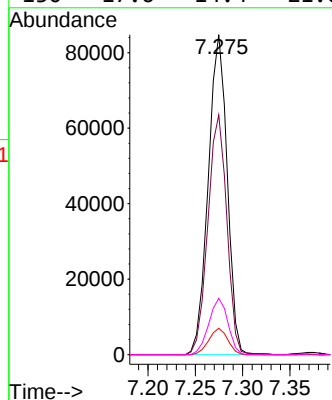
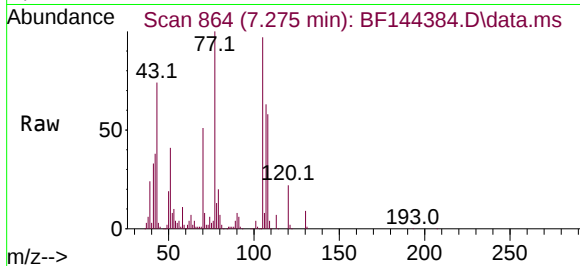


#19
n-Nitroso-di-n-propylamine
Concen: 41.813 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Instrument :
BNA_F
ClientSampleId :
PB170749BS

Tgt Ion: 70 Resp: 118179

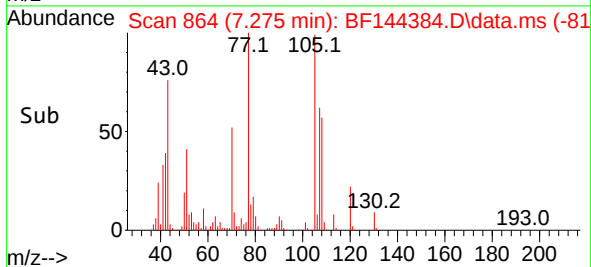
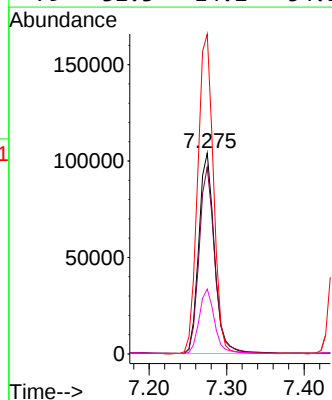
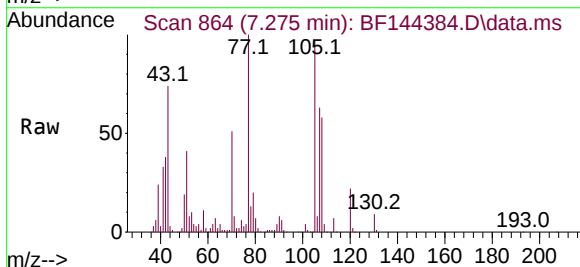
Ion	Ratio	Lower	Upper
70	100		
42	74.9	58.3	87.5
101	8.2	7.0	10.6
130	17.6	14.4	21.6

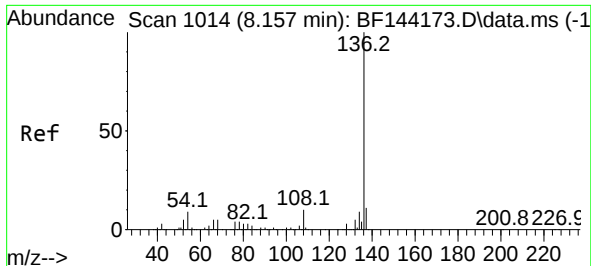


#20
3+4-Methylphenols
Concen: 41.972 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion: 107 Resp: 146265

Ion	Ratio	Lower	Upper
107	100		
108	93.0	70.2	110.2
77	159.3	123.9	163.9
79	32.3	14.2	54.2

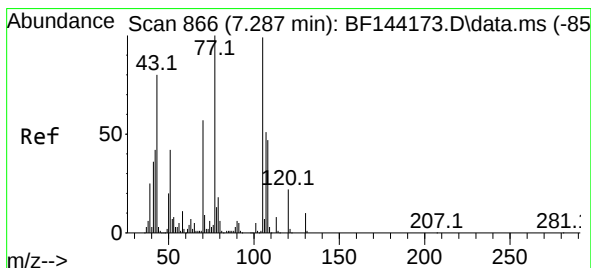
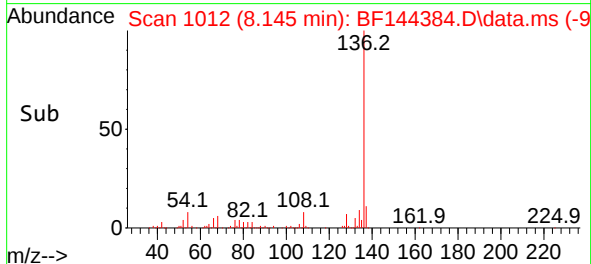
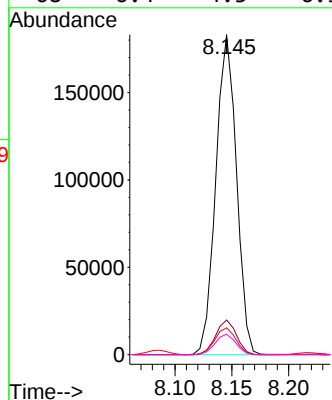
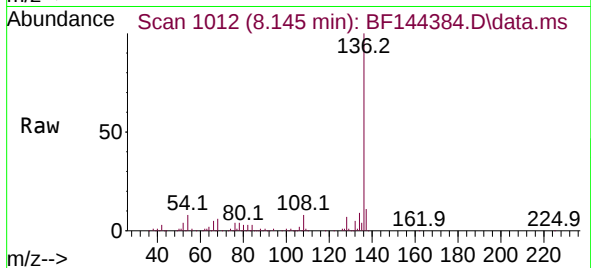




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

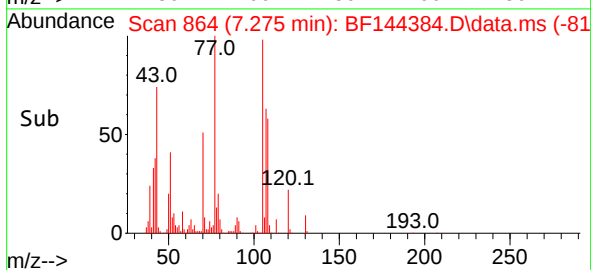
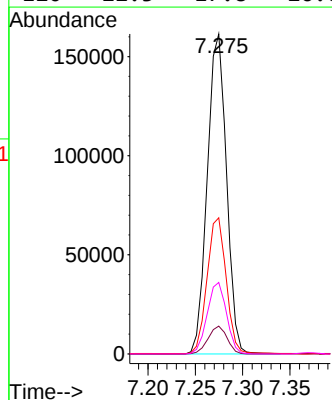
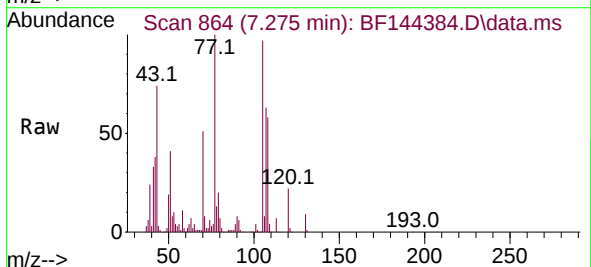
Instrument :
BNA_F
ClientSampleId :
PB170749BS

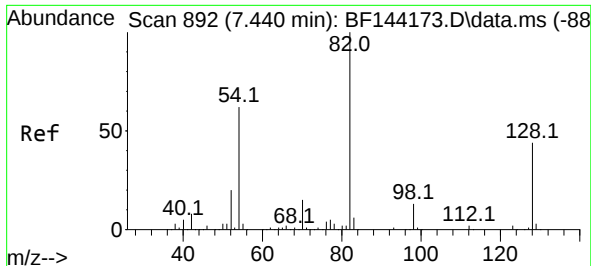
Tgt Ion:136	Resp: 231153
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 8.4	7.0 10.6
68 6.4	4.3 6.5



#22
Acetophenone
Concen: 45.987 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt	Ion:105	Resp:	228039
Ion	Ratio	Lower	Upper
105	100		
71	8.7	7.2	10.8
51	42.5	34.0	51.0
120	22.3	17.8	26.6

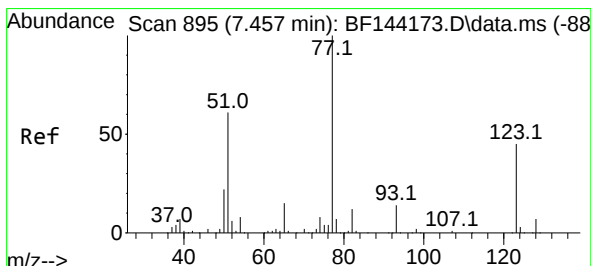
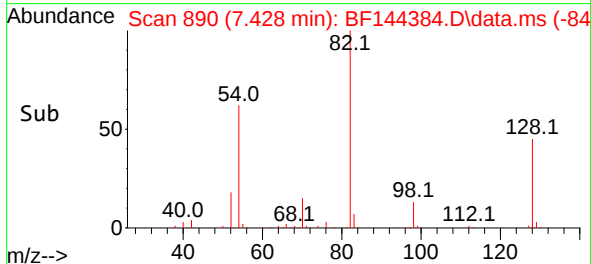
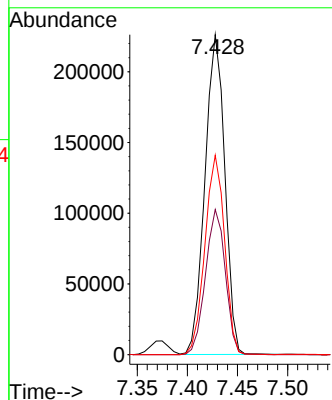
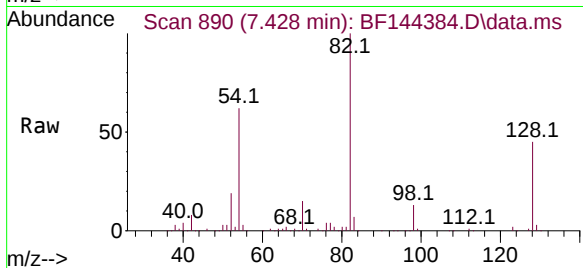




#23
Nitrobenzene-d5
Concen: 77.668 ng
RT: 7.428 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

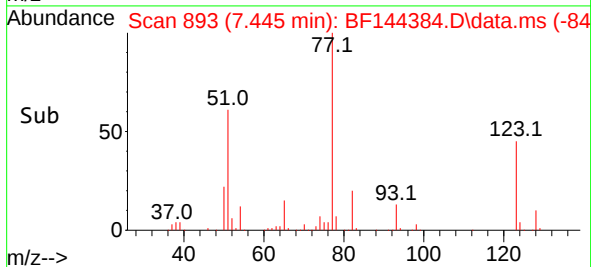
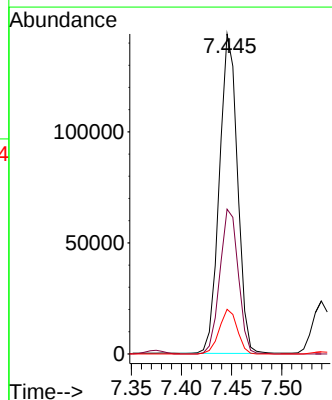
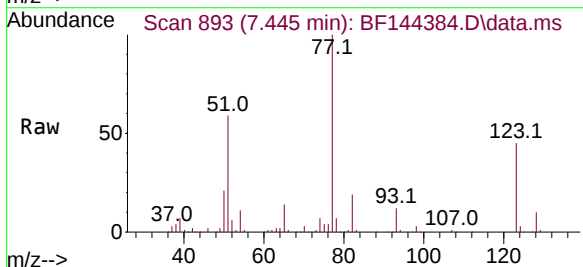
Instrument :
BNA_F
ClientSampleId :
PB170749BS

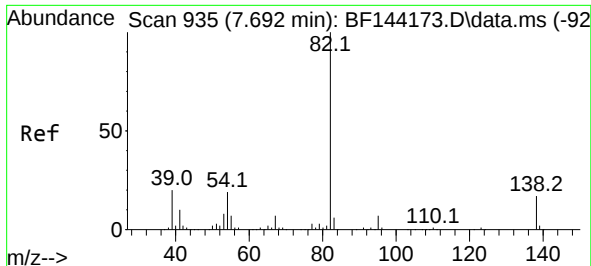
Tgt Ion: 82 Resp: 310851
Ion Ratio Lower Upper
82 100
128 45.3 34.7 52.1
54 62.3 49.5 74.3



#24
Nitrobenzene
Concen: 41.700 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion: 77 Resp: 181209
Ion Ratio Lower Upper
77 100
123 45.2 35.8 53.8
65 13.9 12.2 18.2

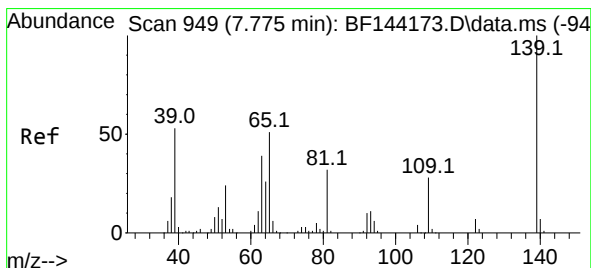
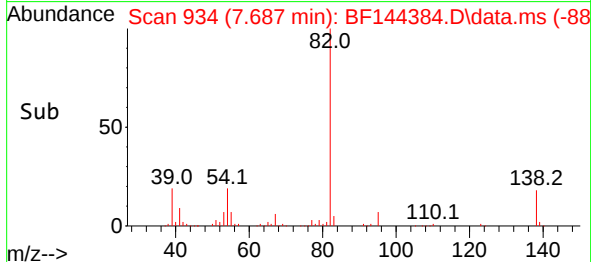
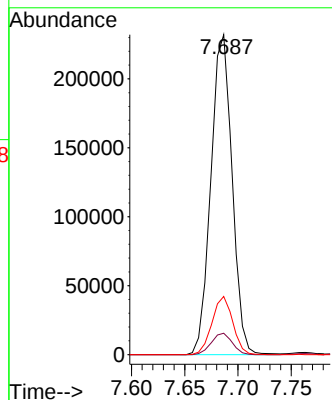
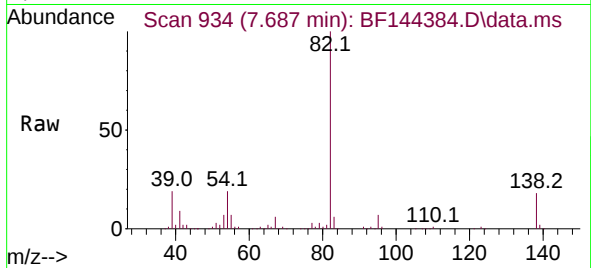




#25
Isophorone
Concen: 42.502 ng
RT: 7.687 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

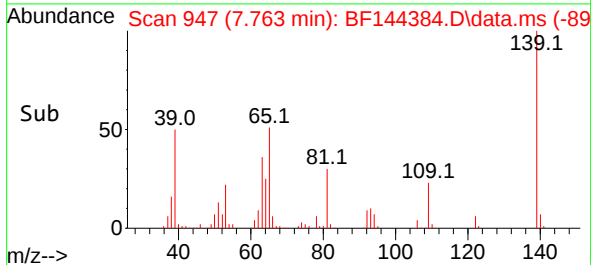
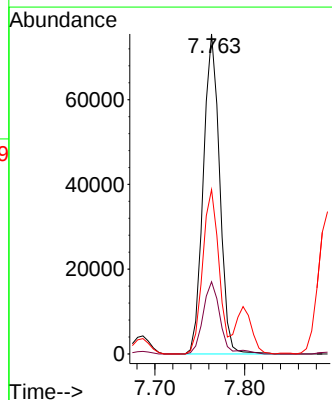
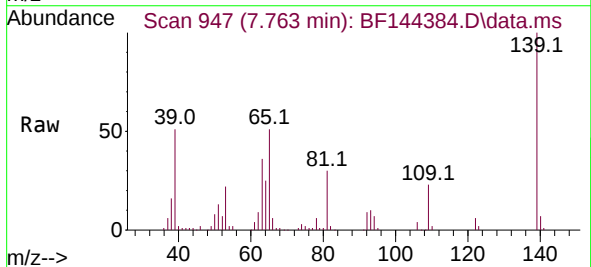
Instrument :
BNA_F
ClientSampleId :
PB170749BS

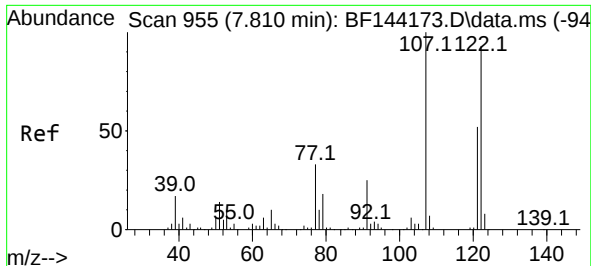
Tgt Ion: 82 Resp: 321758
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.2 13.7 20.5



#26
2-Nitrophenol
Concen: 44.406 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion: 139 Resp: 95524
Ion Ratio Lower Upper
139 100
109 22.5 22.2 33.2
65 51.3 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 46.962 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144384.D

Acq: 01 Dec 2025 13:42

Instrument :

BNA_F

ClientSampleId :

PB170749BS

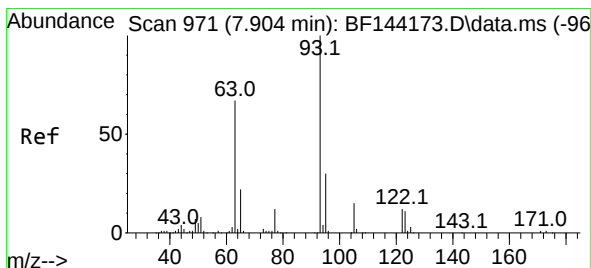
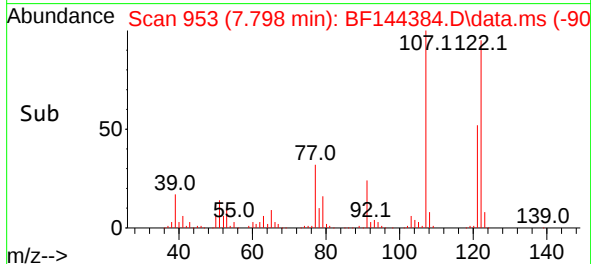
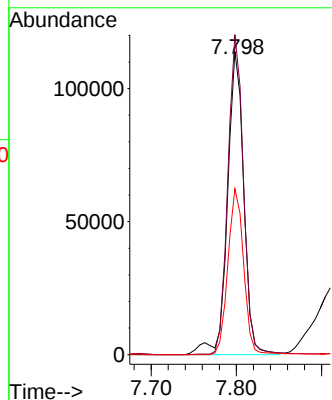
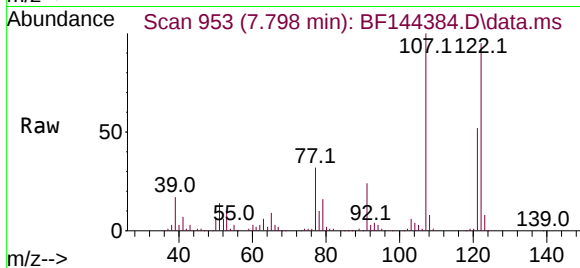
Tgt Ion:122 Resp: 151414

Ion Ratio Lower Upper

122 100

107 105.5 86.2 129.4

121 54.7 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 43.477 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144384.D

Acq: 01 Dec 2025 13:42

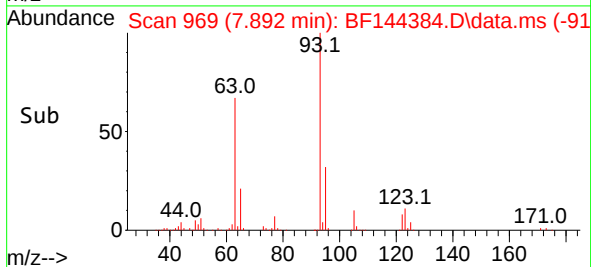
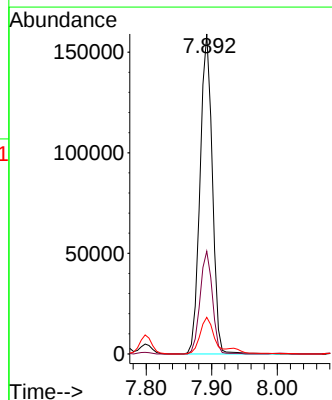
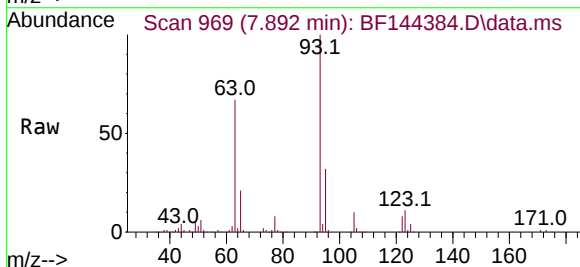
Tgt Ion: 93 Resp: 205537

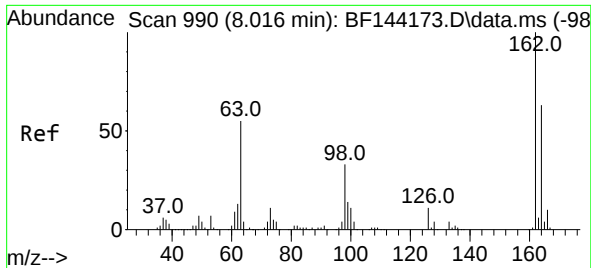
Ion Ratio Lower Upper

93 100

95 32.1 24.2 36.4

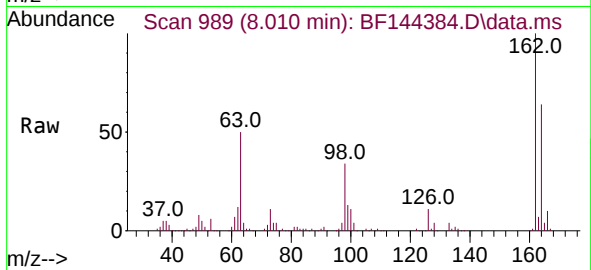
123 11.4 9.0 13.4



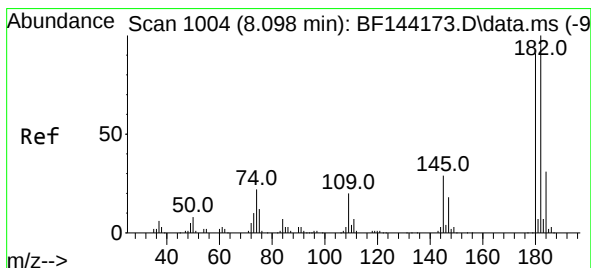
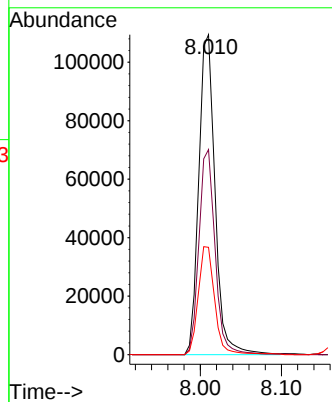
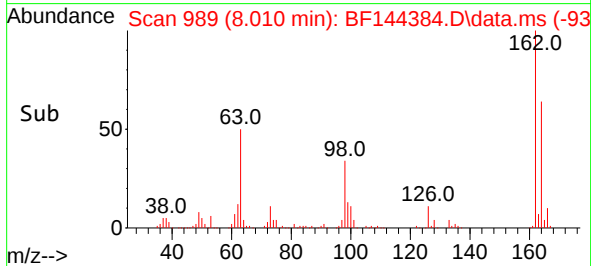


#29
2,4-Dichlorophenol
Concen: 41.046 ng
RT: 8.010 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

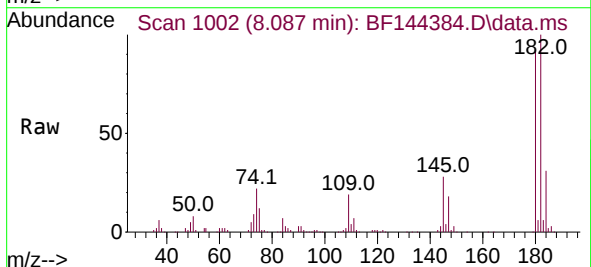
Instrument :
BNA_F
ClientSampleId :
PB170749BS



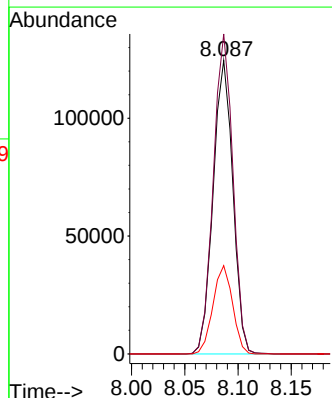
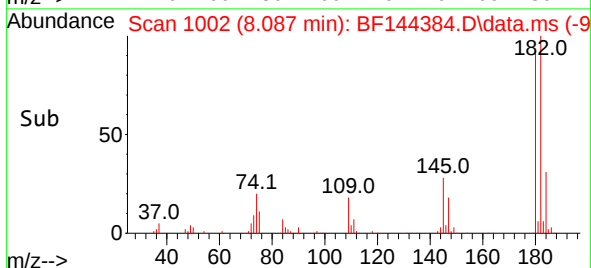
Tgt Ion:162 Resp: 152532
Ion Ratio Lower Upper
162 100
164 64.1 42.9 82.9
98 33.5 13.3 53.3

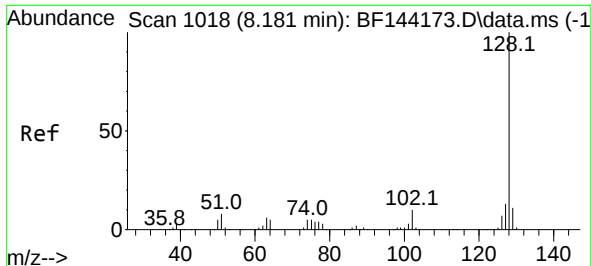


#30
1,2,4-Trichlorobenzene
Concen: 42.111 ng
RT: 8.087 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42



Tgt Ion:180 Resp: 160692
Ion Ratio Lower Upper
180 100
182 109.0 87.7 131.5
145 30.0 25.4 38.0

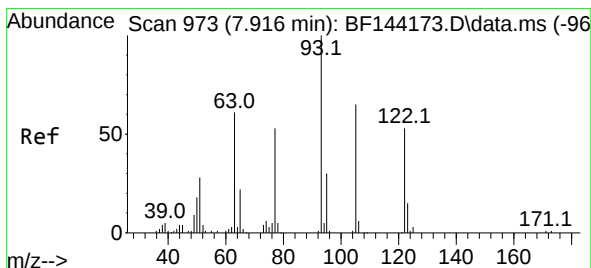
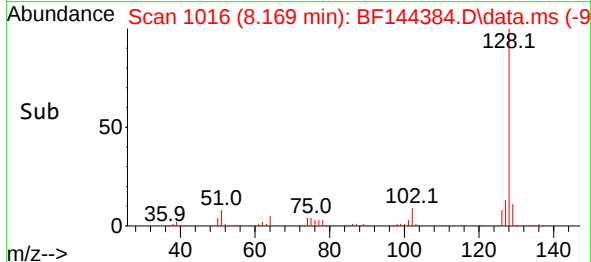
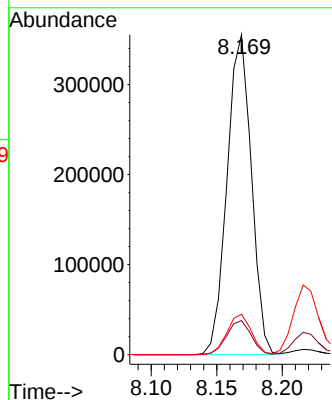
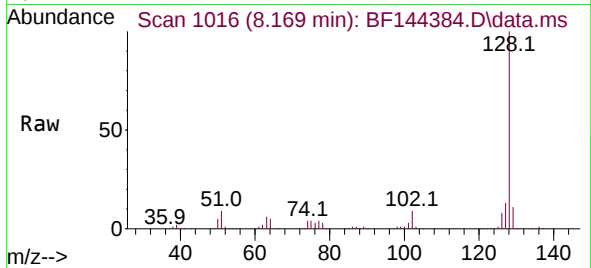




#31
Naphthalene
Concen: 41.751 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

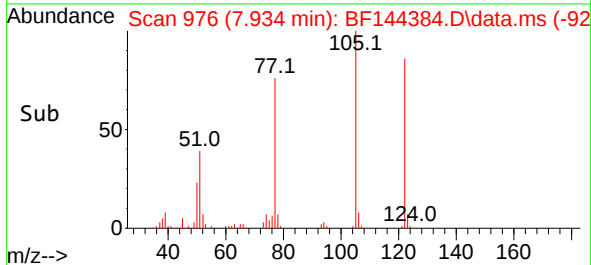
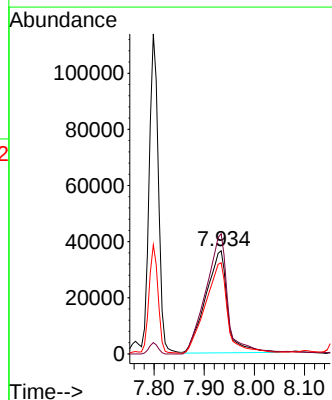
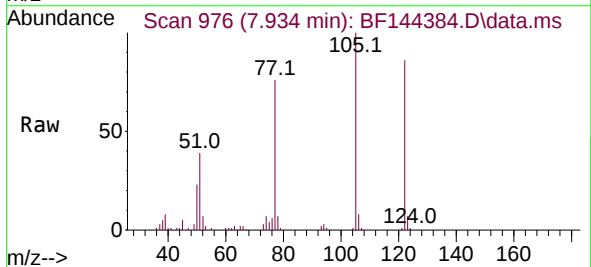
Instrument :
BNA_F
ClientSampleId :
PB170749BS

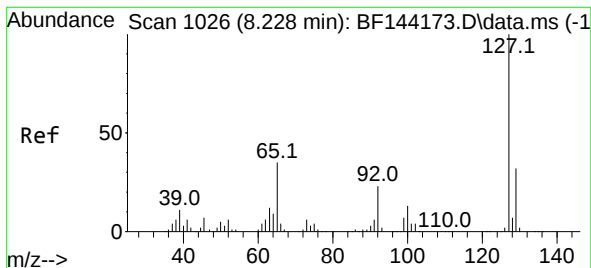
Tgt Ion:128 Resp: 459081
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 12.6 10.3 15.5



#32
Benzoic acid
Concen: 47.127 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.018 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:122 Resp: 111379
Ion Ratio Lower Upper
122 100
105 116.5 99.9 139.9
77 88.4 77.5 117.5





#33

4-Chloroaniline

Concen: 26.653 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.012 min

Lab File: BF144384.D

Acq: 01 Dec 2025 13:42

Instrument :

BNA_F

ClientSampleId :

PB170749BS

Tgt Ion:127 Resp: 106887

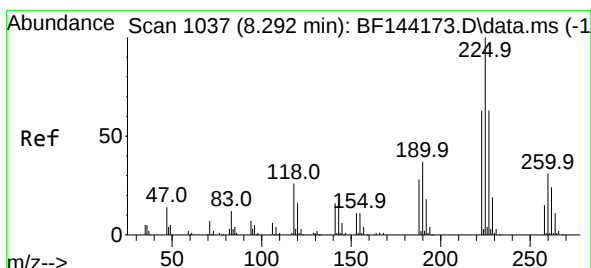
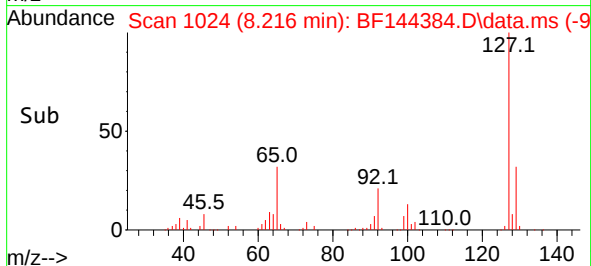
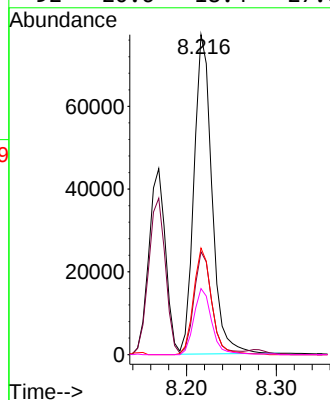
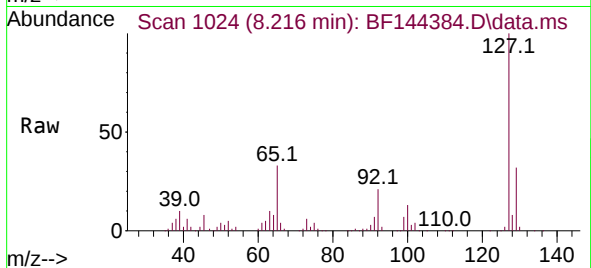
Ion Ratio Lower Upper

127 100

129 32.1 25.3 37.9

65 33.3 27.6 41.4

92 20.6 18.4 27.6



#34

Hexachlorobutadiene

Concen: 38.606 ng

RT: 8.281 min Scan# 1035

Delta R.T. -0.012 min

Lab File: BF144384.D

Acq: 01 Dec 2025 13:42

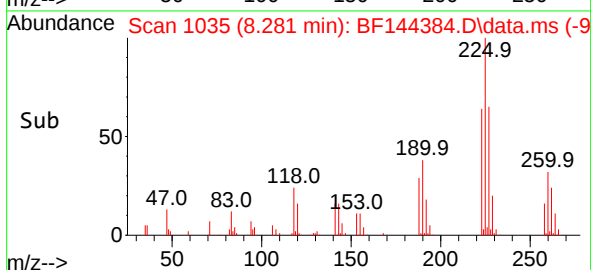
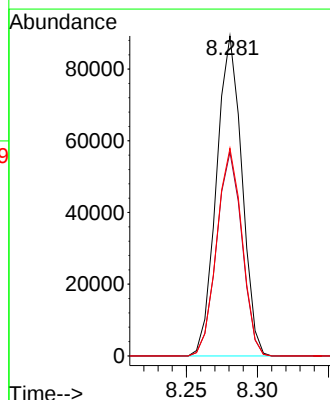
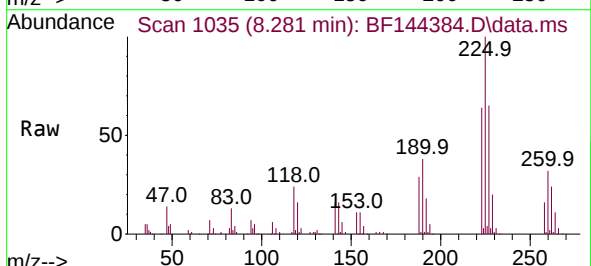
Tgt Ion:225 Resp: 111025

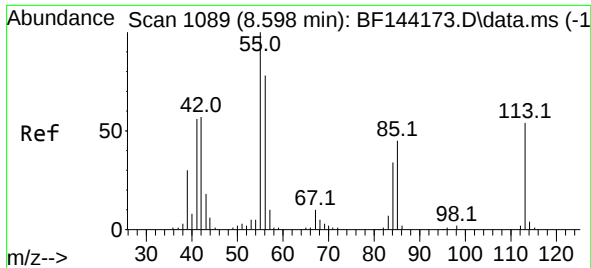
Ion Ratio Lower Upper

225 100

223 63.7 50.2 75.4

227 64.9 50.1 75.1

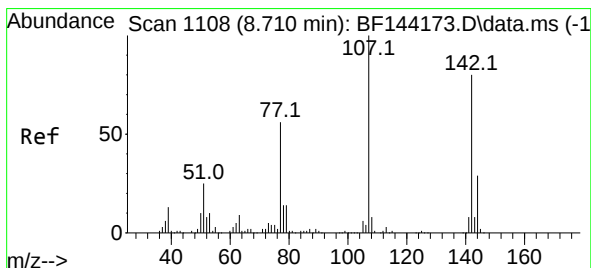
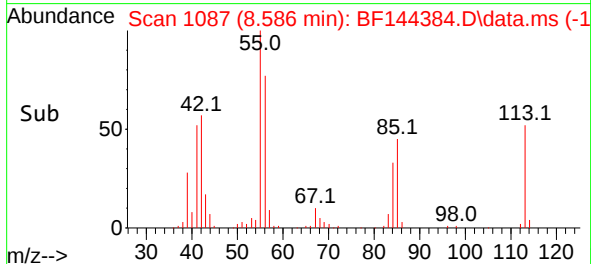
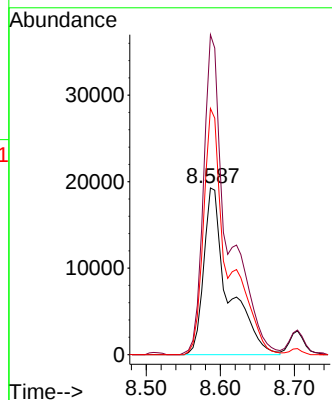
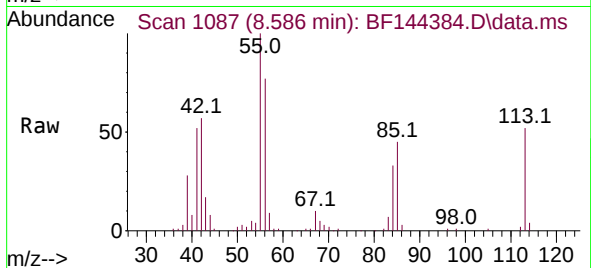




#35
Caprolactam
Concen: 43.604 ng
RT: 8.586 min Scan# 1089
Delta R.T. -0.035 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

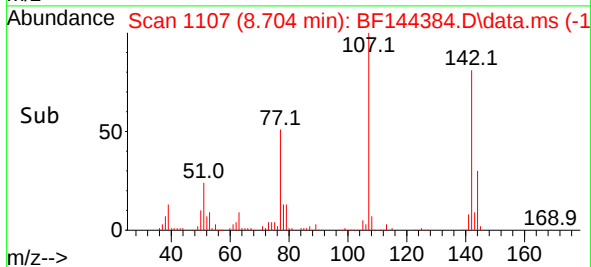
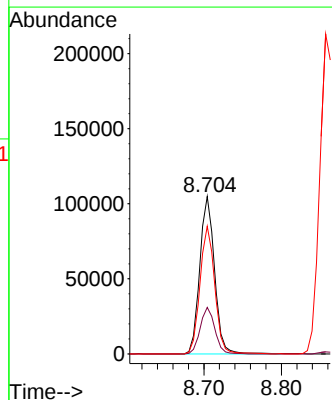
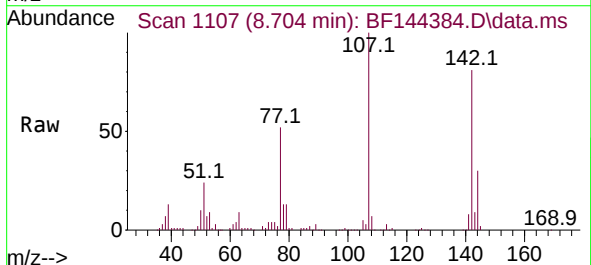
Instrument :
BNA_F
ClientSampleId :
PB170749BS

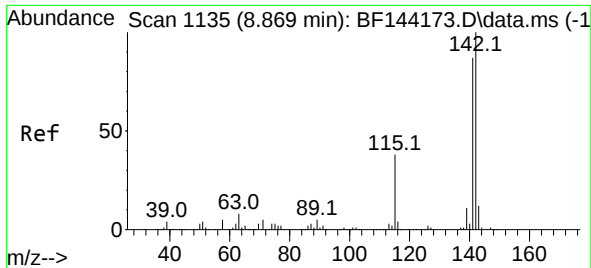
Tgt Ion:113 Resp: 44393
Ion Ratio Lower Upper
113 100
55 192.0 166.8 206.8
56 147.7 125.9 165.9



#36
4-Chloro-3-methylphenol
Concen: 41.734 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:107 Resp: 138990
Ion Ratio Lower Upper
107 100
144 29.6 23.3 34.9
142 81.1 63.8 95.6

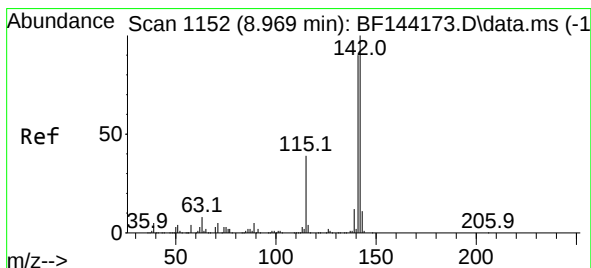
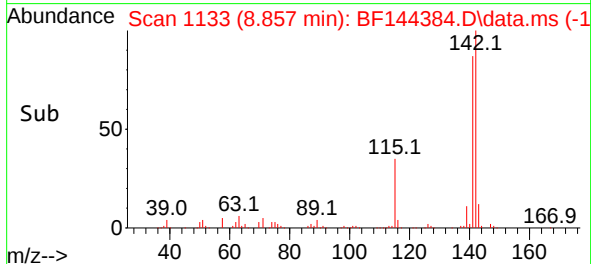
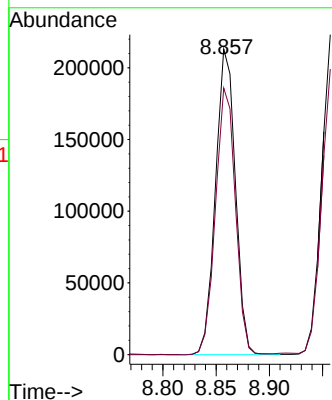
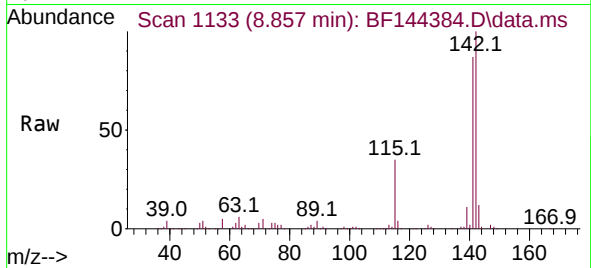




#37
2-Methylnaphthalene
Concen: 37.630 ng
RT: 8.857 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

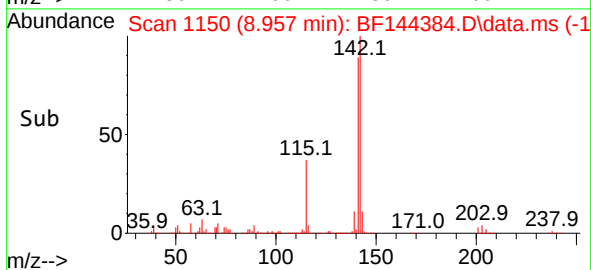
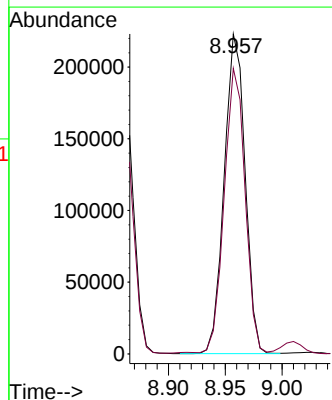
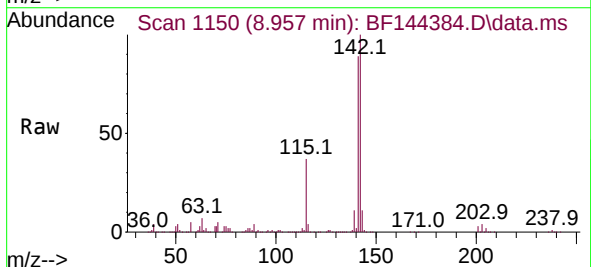
Instrument :
BNA_F
ClientSampleId :
PB170749BS

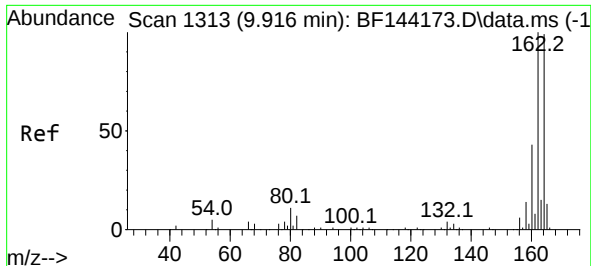
Tgt Ion:142 Resp: 276640
Ion Ratio Lower Upper
142 100
141 87.2 69.9 104.9



#38
1-Methylnaphthalene
Concen: 40.192 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:142 Resp: 285102
Ion Ratio Lower Upper
142 100
141 89.2 72.1 108.1

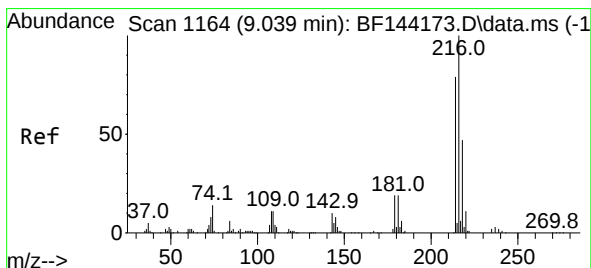
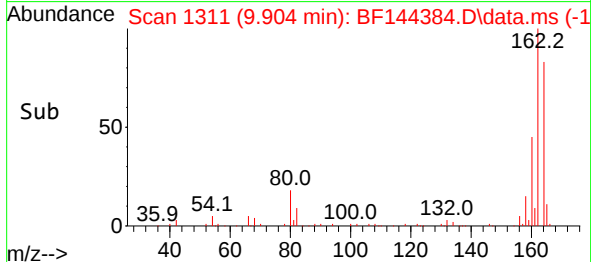
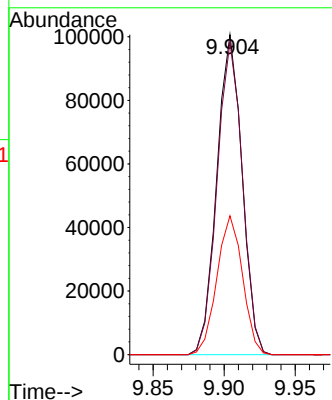
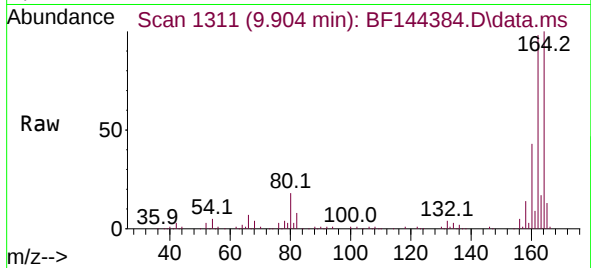




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1313
Delta R.T. -0.012 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

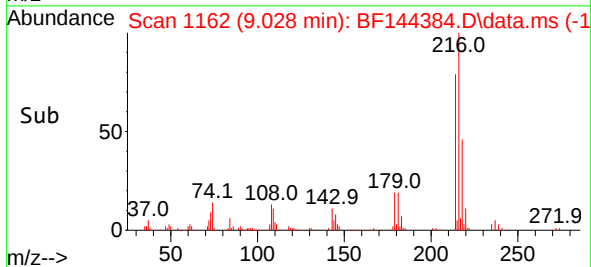
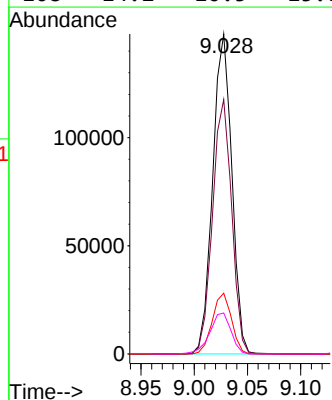
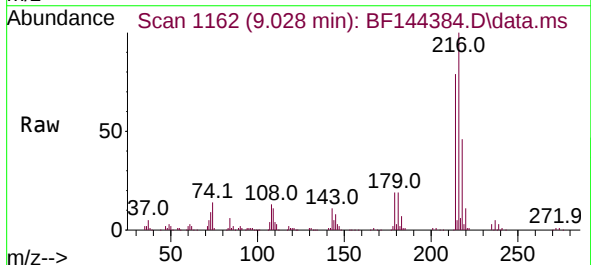
Instrument :
BNA_F
ClientSampleId :
PB170749BS

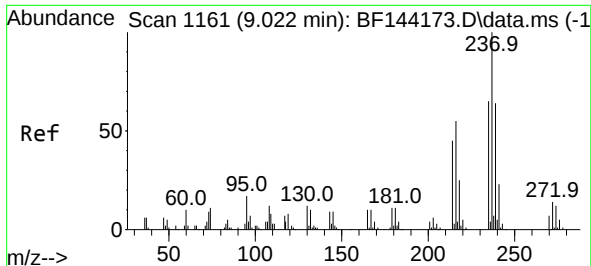
Tgt Ion:164 Resp: 124678
Ion Ratio Lower Upper
164 100
162 97.7 81.1 121.7
160 43.4 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.242 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

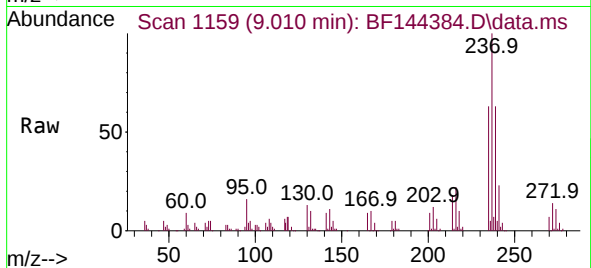
Tgt Ion:216 Resp: 184862
Ion Ratio Lower Upper
216 100
214 79.5 63.4 95.2
179 19.0 15.0 22.4
108 14.2 10.5 15.7



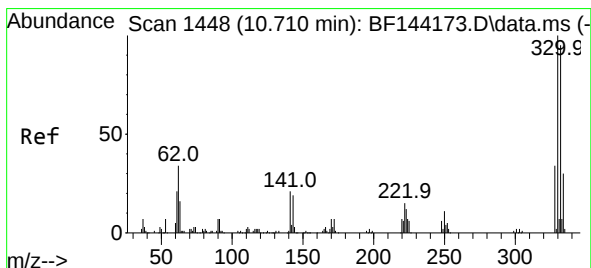
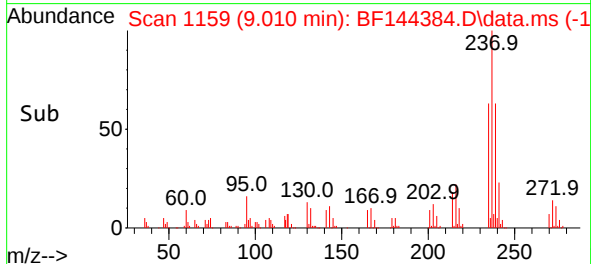
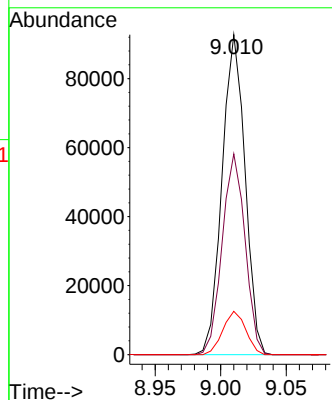


#41
Hexachlorocyclopentadiene
Concen: 73.343 ng
RT: 9.010 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Instrument :
BNA_F
ClientSampleId :
PB170749BS

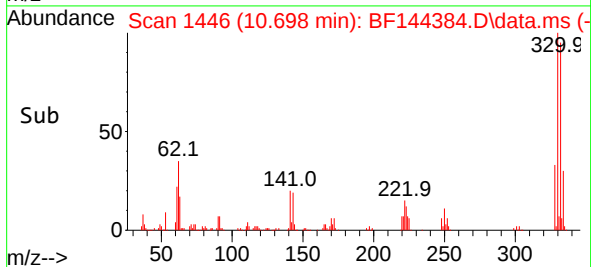
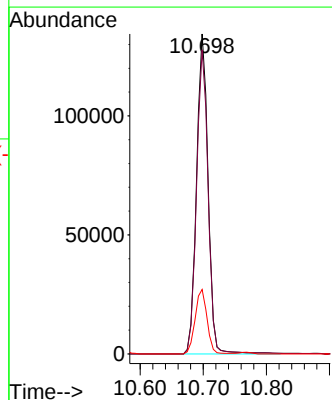
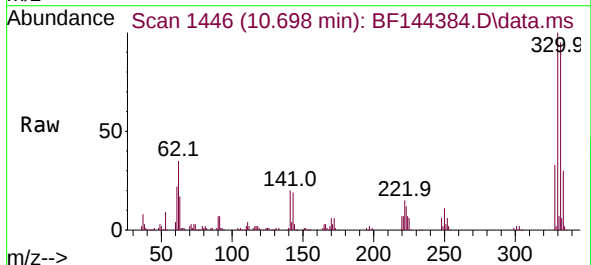


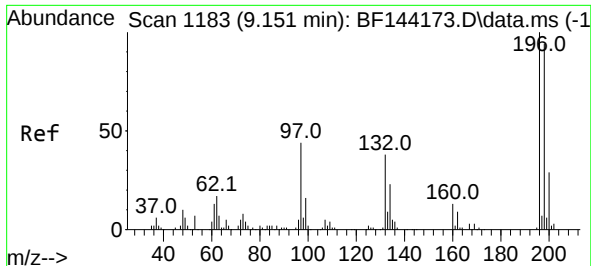
Tgt Ion:237 Resp: 113124
Ion Ratio Lower Upper
237 100
235 62.7 45.5 85.5
272 13.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 109.496 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:330 Resp: 171314
Ion Ratio Lower Upper
330 100
332 94.9 76.7 115.1
141 20.7 17.8 26.8

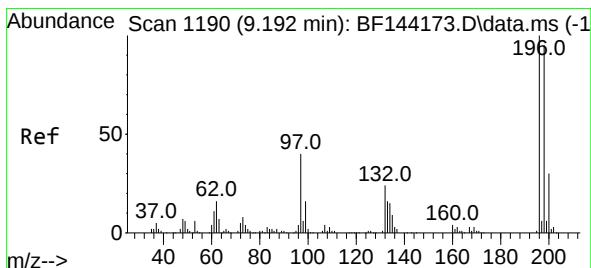
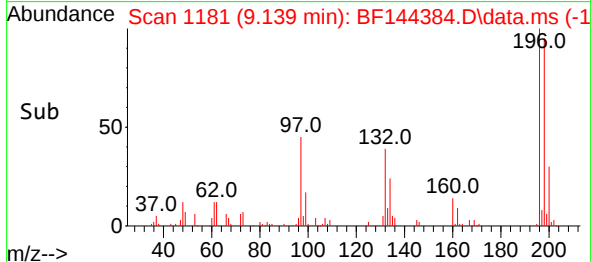
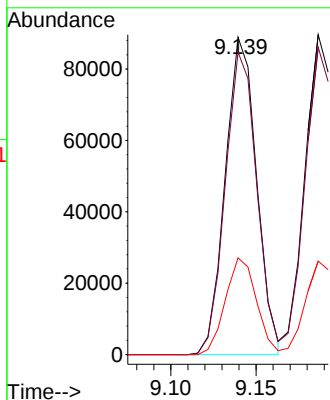
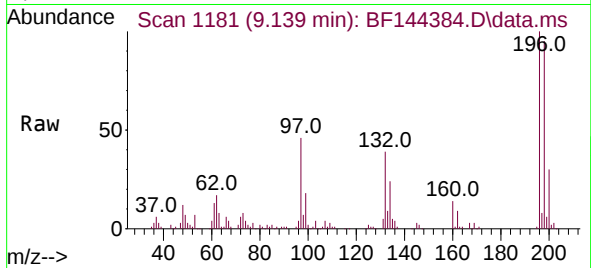




#43
 2,4,6-Trichlorophenol
 Concen: 40.882 ng
 RT: 9.139 min Scan# 1181
 Delta R.T. -0.012 min
 Lab File: BF144384.D
 Acq: 01 Dec 2025 13:42

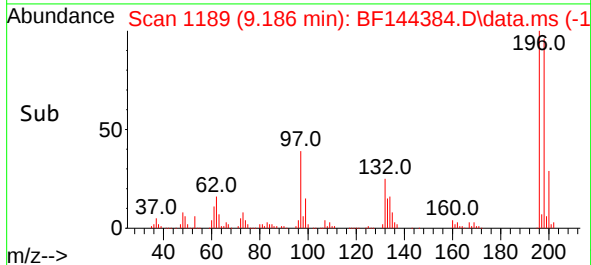
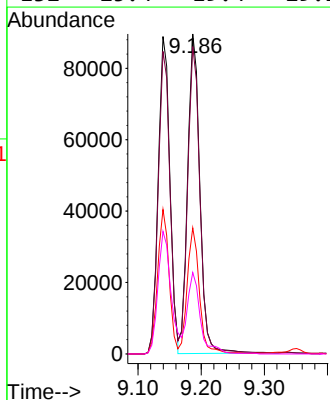
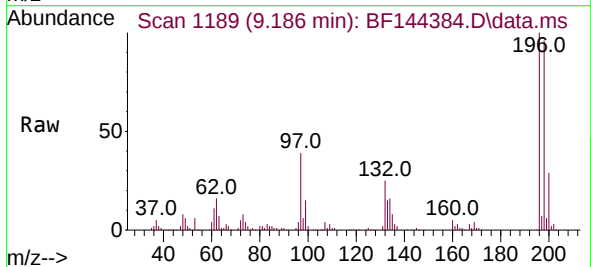
Instrument :
 BNA_F
 ClientSampleId :
 PB170749BS

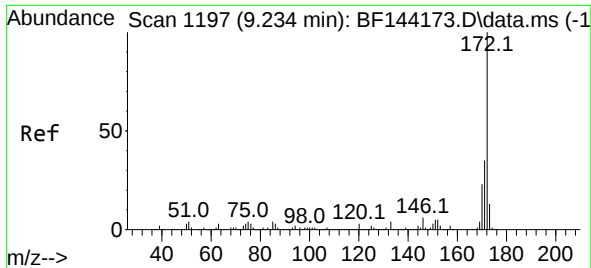
Tgt Ion:196 Resp: 113696
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.3 112.9
 200 30.5 23.4 35.2



#44
 2,4,5-Trichlorophenol
 Concen: 40.153 ng
 RT: 9.186 min Scan# 1189
 Delta R.T. -0.006 min
 Lab File: BF144384.D
 Acq: 01 Dec 2025 13:42

Tgt Ion:196 Resp: 120352
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.1 114.1
 97 39.4 31.9 47.9
 132 25.4 19.4 29.2

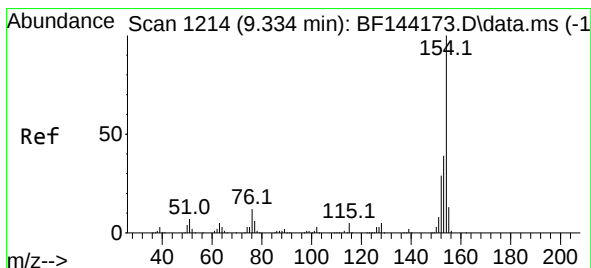
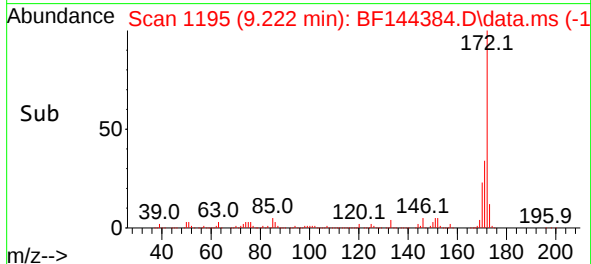
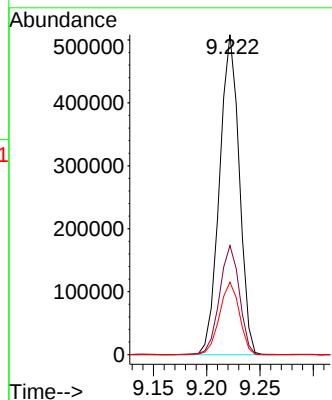
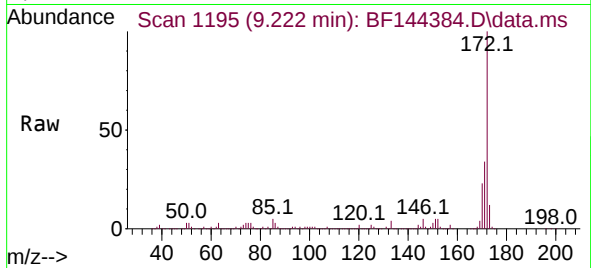




#45
2-Fluorobiphenyl
Concen: 77.620 ng
RT: 9.222 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

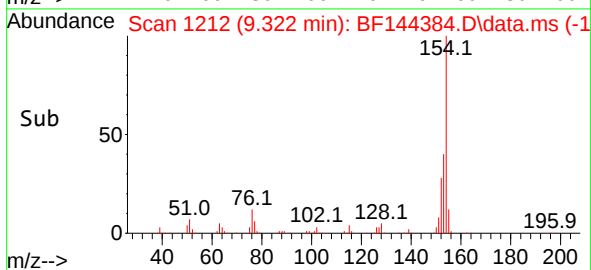
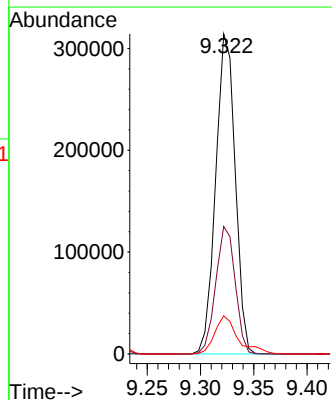
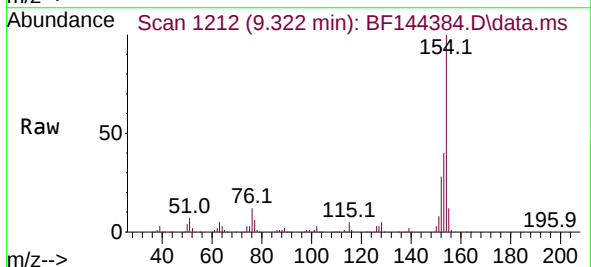
Instrument :
BNA_F
ClientSampleId :
PB170749BS

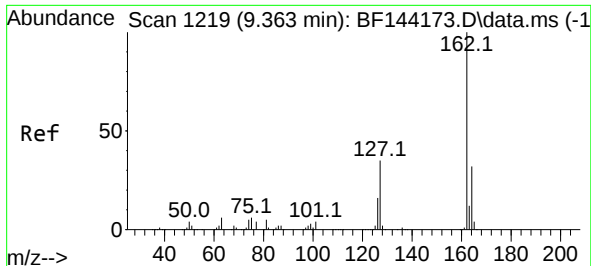
Tgt Ion:172 Resp: 655245
Ion Ratio Lower Upper
172 100
171 34.1 28.1 42.1
170 22.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 46.079 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:154 Resp: 401018
Ion Ratio Lower Upper
154 100
153 39.8 19.2 59.2
76 11.9 0.0 31.8





#47

2-Chloronaphthalene

Concen: 41.434 ng

RT: 9.351 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144384.D

Acq: 01 Dec 2025 13:42

Instrument :

BNA_F

ClientSampleId :

PB170749BS

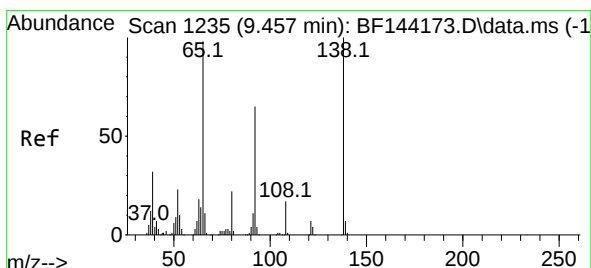
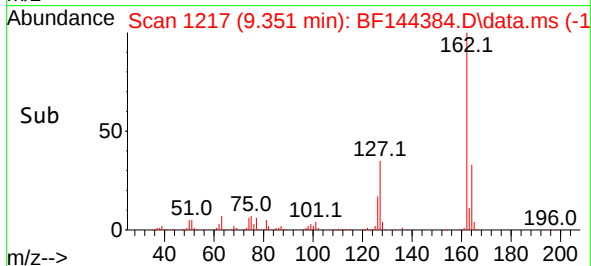
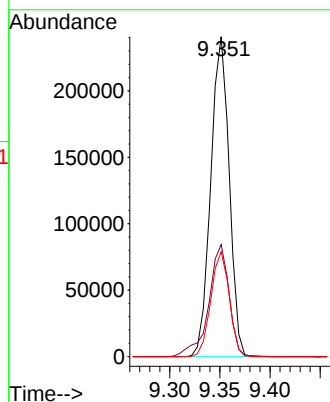
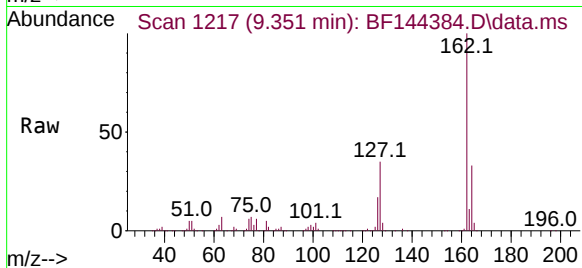
Tgt Ion:162 Resp: 307589

Ion Ratio Lower Upper

162 100

127 35.0 28.8 43.2

164 32.8 25.8 38.8



#48

2-Nitroaniline

Concen: 43.040 ng

RT: 9.451 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF144384.D

Acq: 01 Dec 2025 13:42

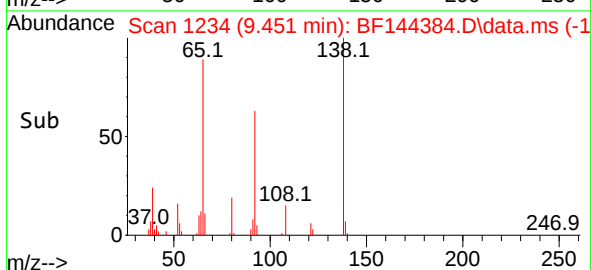
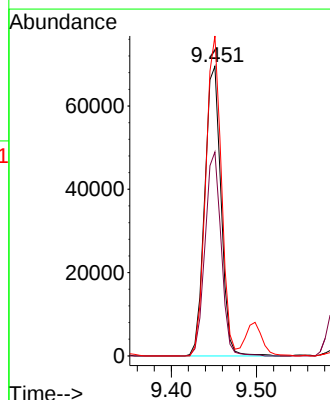
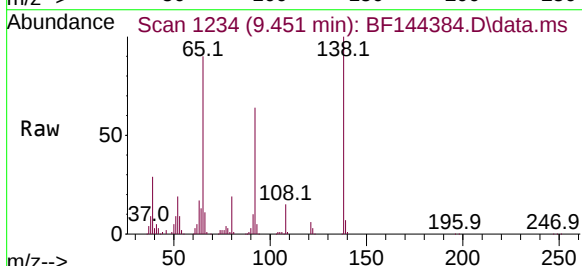
Tgt Ion: 65 Resp: 92190

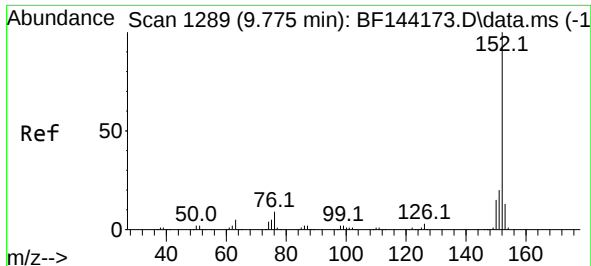
Ion Ratio Lower Upper

65 100

92 70.5 53.0 79.6

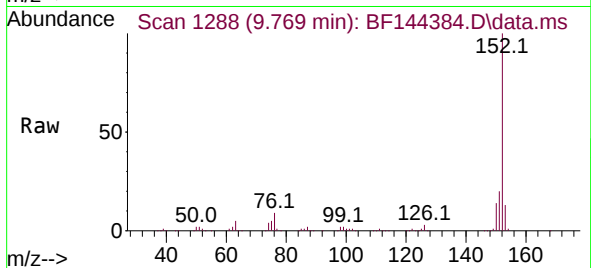
138 110.5 81.6 122.4



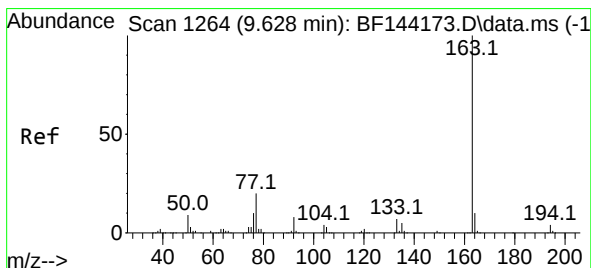
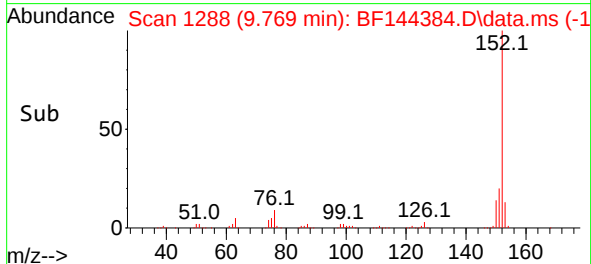
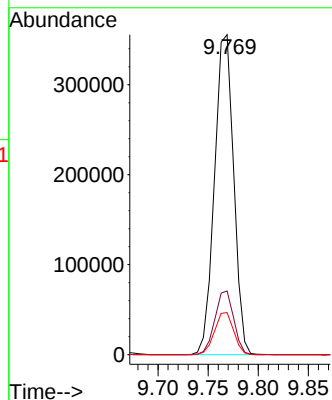


#49
Acenaphthylene
Concen: 46.873 ng
RT: 9.769 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Instrument :
BNA_F
ClientSampleId :
PB170749BS

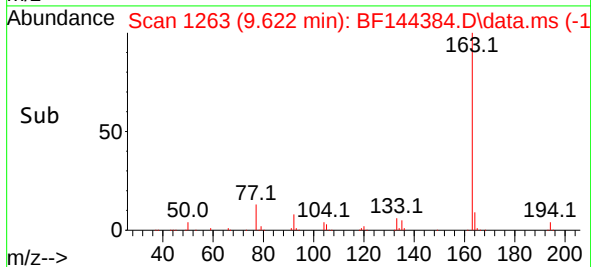
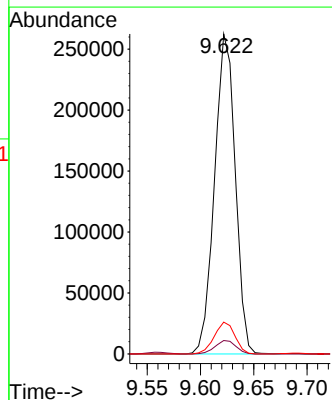
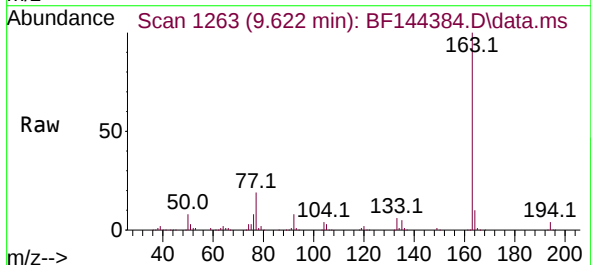


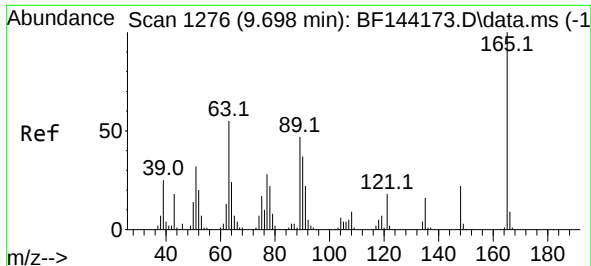
Tgt Ion:152 Resp: 474191
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 42.936 ng
RT: 9.622 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:163 Resp: 354634
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.0 8.1 12.1

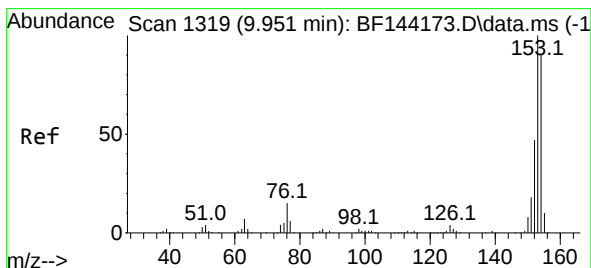
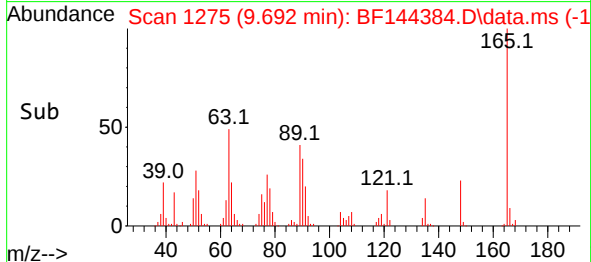
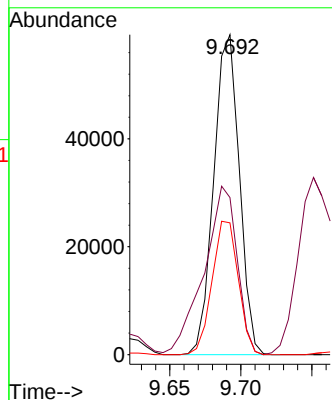
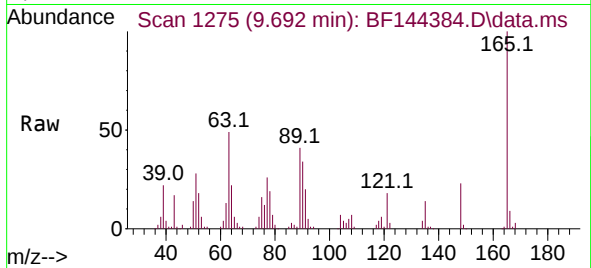




#51
2,6-Dinitrotoluene
Concen: 44.484 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

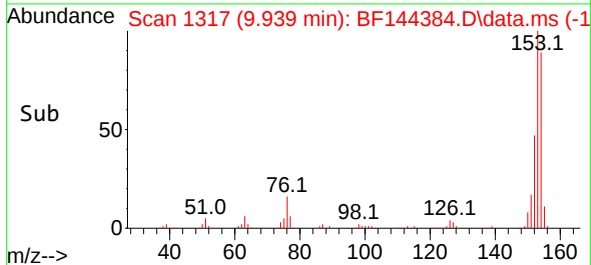
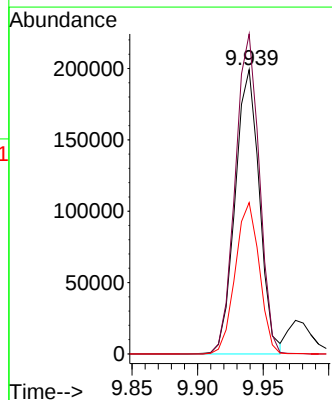
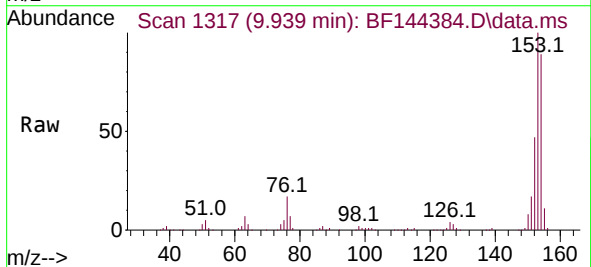
Instrument :
BNA_F
ClientSampleId :
PB170749BS

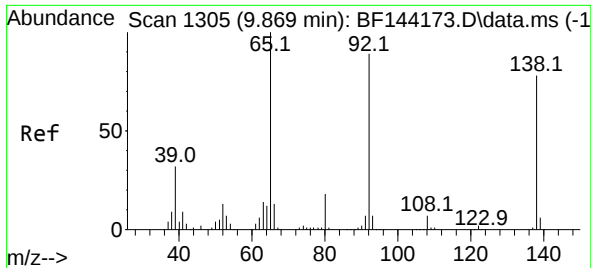
Tgt Ion:165 Resp: 74379
Ion Ratio Lower Upper
165 100
63 49.1 43.8 65.8
89 41.2 37.5 56.3



#52
Acenaphthene
Concen: 37.965 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:154 Resp: 256834
Ion Ratio Lower Upper
154 100
153 112.6 89.0 133.4
152 53.2 42.2 63.4

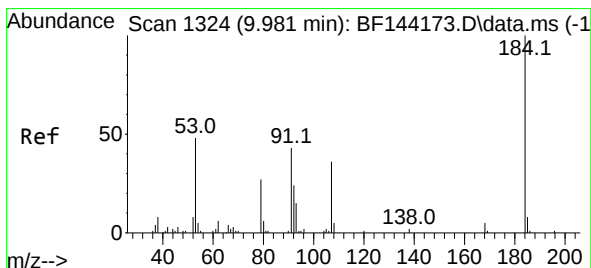
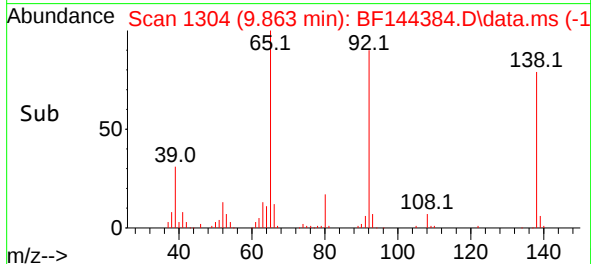
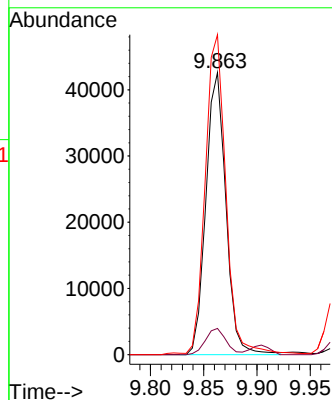
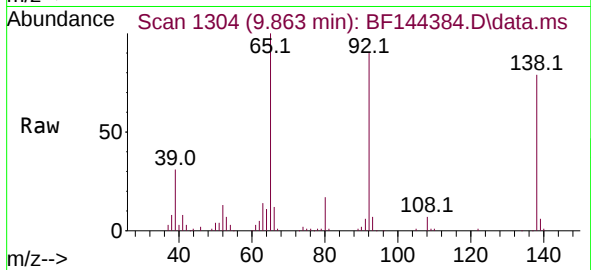




#53
3-Nitroaniline
Concen: 30.433 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

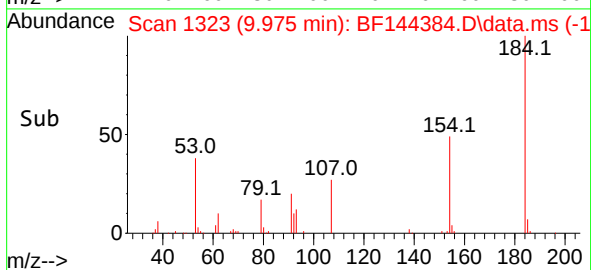
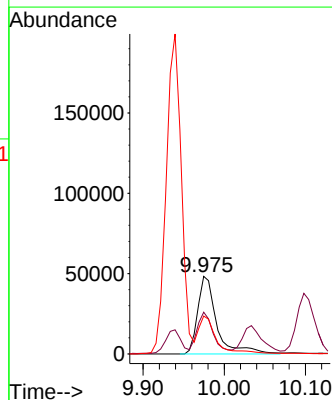
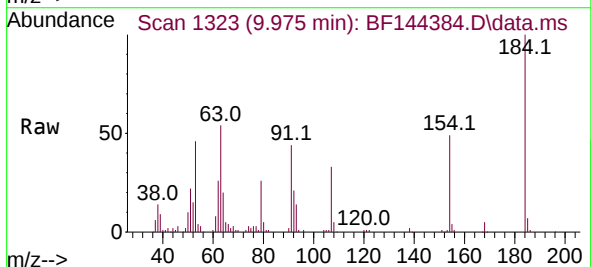
Instrument :
BNA_F
ClientSampleId :
PB170749BS

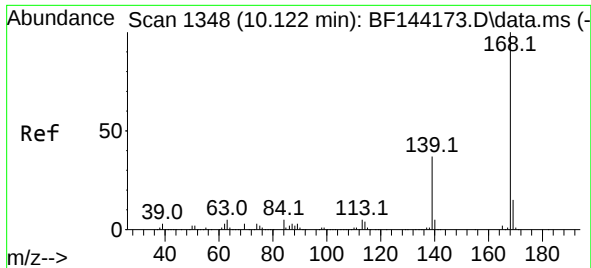
Tgt Ion:138 Resp: 55625
Ion Ratio Lower Upper
138 100
108 9.3 7.5 11.3
92 113.5 91.8 137.6



#54
2,4-Dinitrophenol
Concen: 77.732 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:184 Resp: 78483
Ion Ratio Lower Upper
184 100
63 53.7 44.0 66.0
154 48.8 42.4 63.6

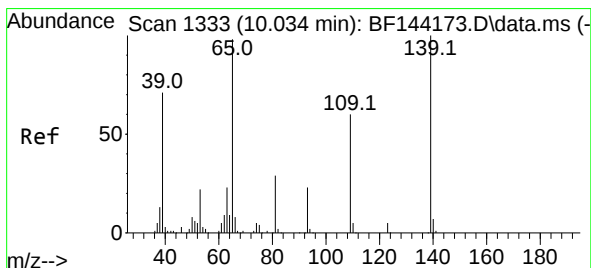
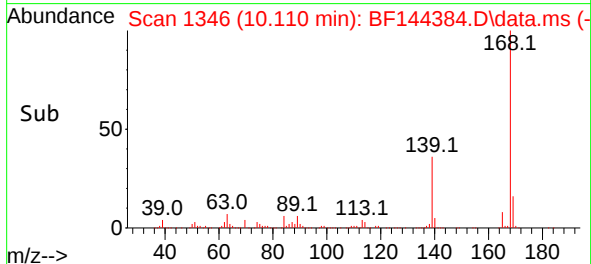
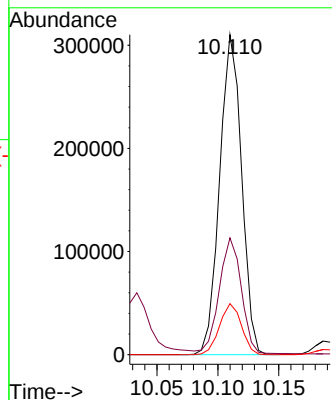
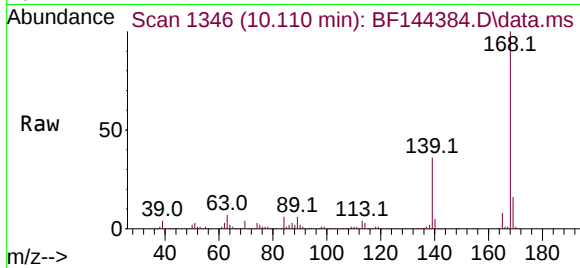




#55
Dibenzenofuran
Concen: 41.157 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

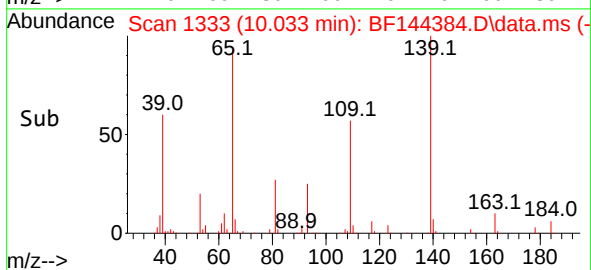
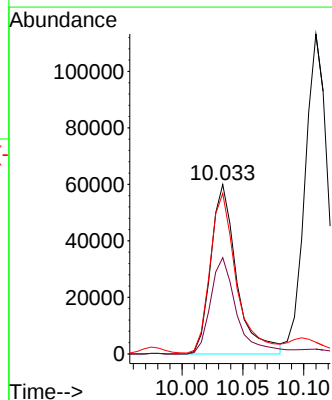
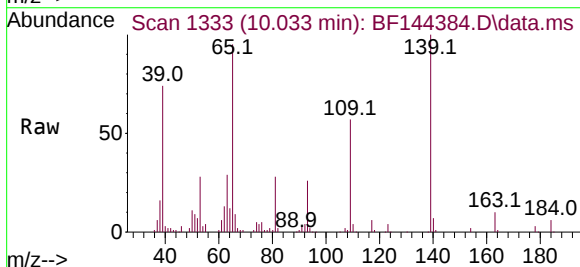
Instrument :
BNA_F
ClientSampleId :
PB170749BS

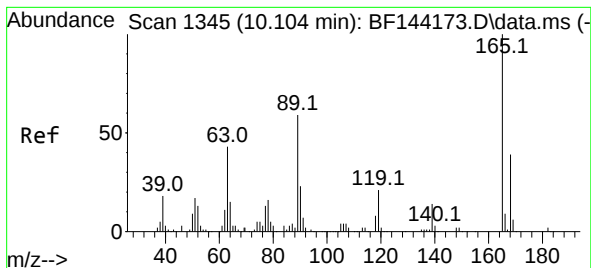
Tgt Ion:168 Resp: 389950
Ion Ratio Lower Upper
168 100
139 36.5 30.2 45.2
169 15.9 12.2 18.4



#56
4-Nitrophenol
Concen: 67.020 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:139 Resp: 88611
Ion Ratio Lower Upper
139 100
109 56.8 39.9 79.9
65 94.8 79.5 119.5

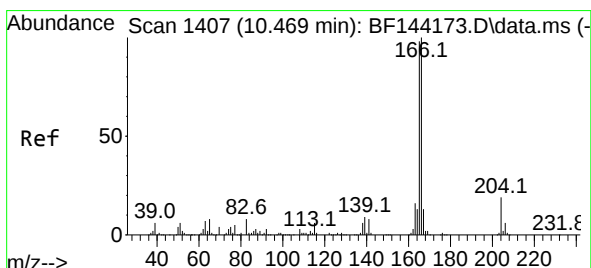
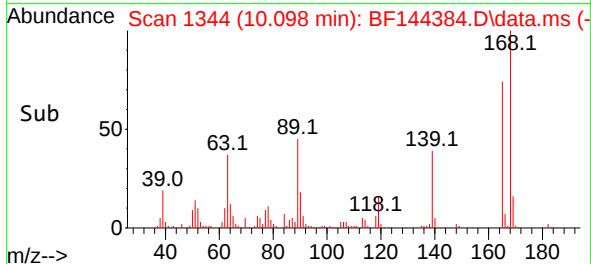
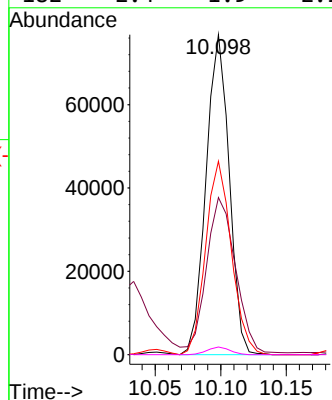
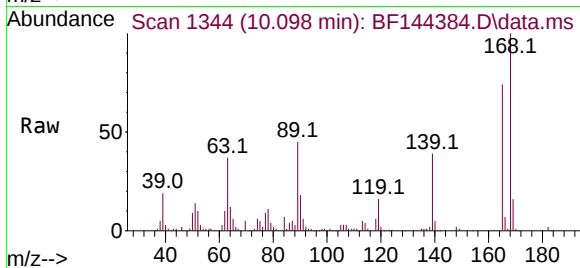




#57
2,4-Dinitrotoluene
Concen: 42.154 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

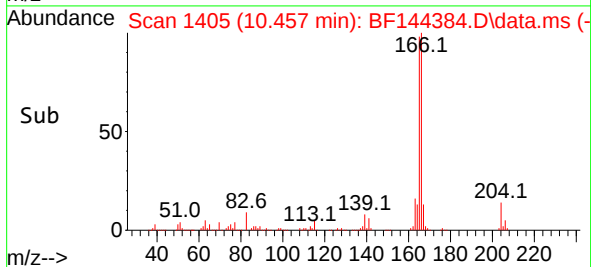
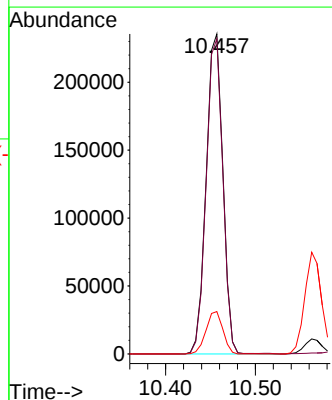
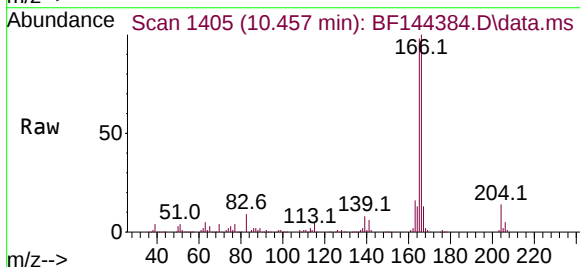
Instrument :
BNA_F
ClientSampleId :
PB170749BS

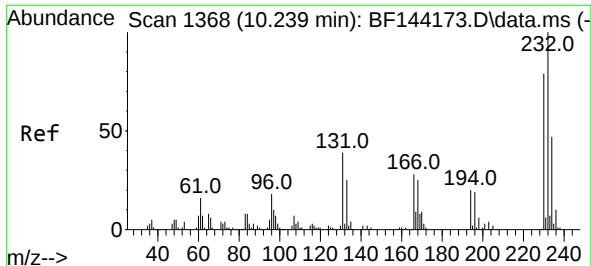
Tgt Ion:165	Resp:	94355
Ion Ratio	Lower	Upper
165	100	
63	49.1	35.5 53.3
89	60.4	47.4 71.2
182	2.4	1.9 2.9



#58
Fluorene
Concen: 42.261 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:166	Resp:	304433
Ion Ratio	Lower	Upper
166	100	
165	98.5	78.6 118.0
167	13.2	10.4 15.6

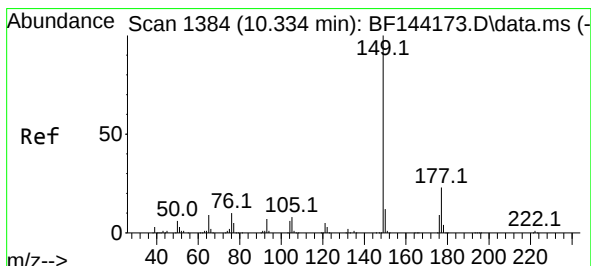
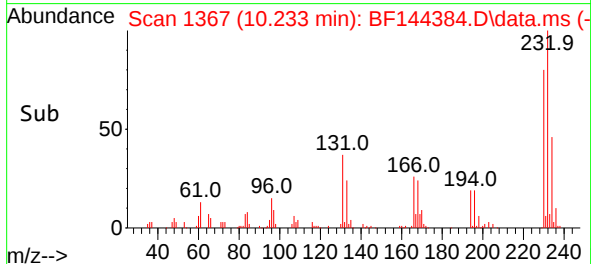
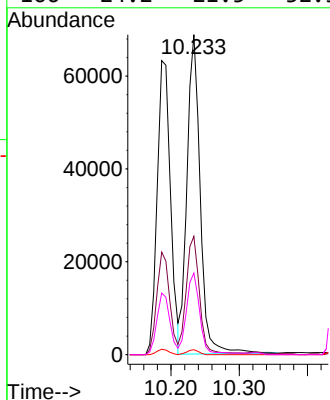
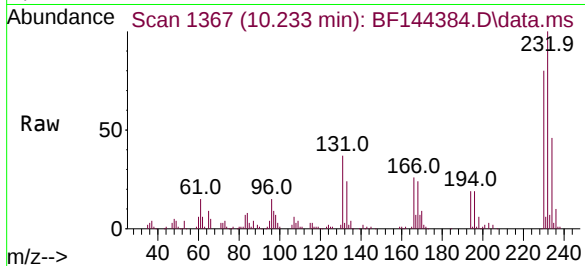




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.906 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

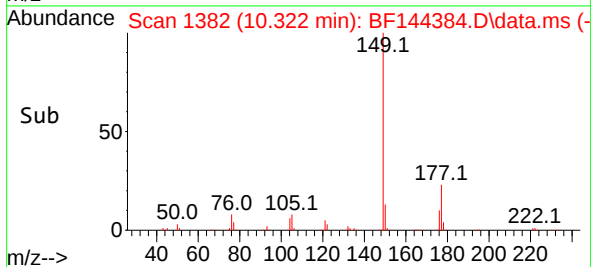
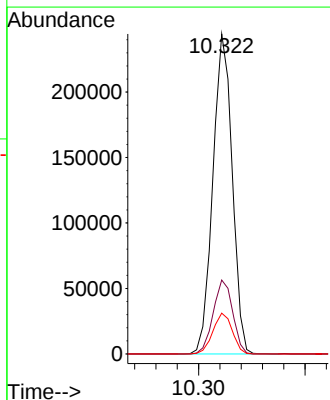
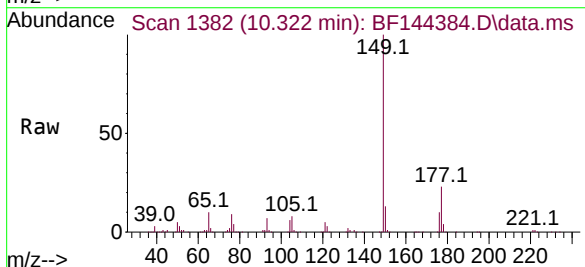
Instrument :
BNA_F
ClientSampleId :
PB170749BS

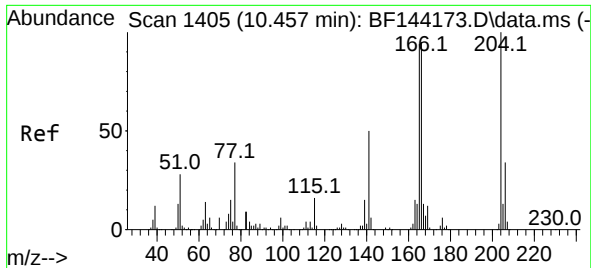
Tgt Ion:232 Resp: 93109
Ion Ratio Lower Upper
232 100
131 37.3 30.3 45.5
130 1.4 1.2 1.8
166 24.2 21.5 32.3



#60
Diethylphthalate
Concen: 40.536 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:149 Resp: 308644
Ion Ratio Lower Upper
149 100
177 23.1 18.3 27.5
150 12.7 9.8 14.6

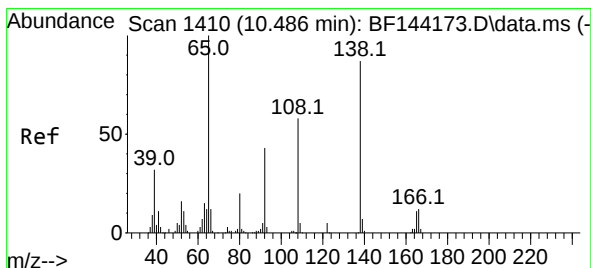
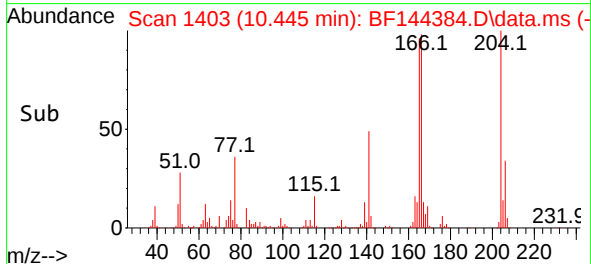
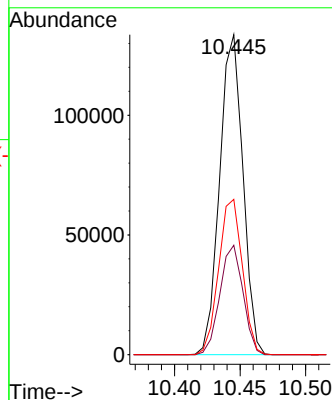
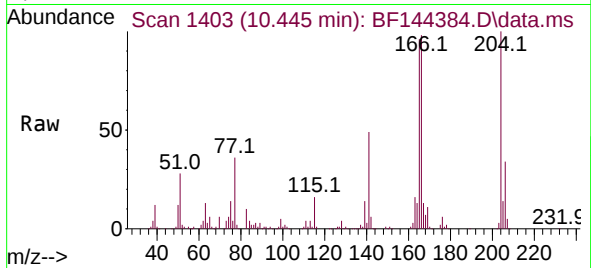




#61
4-Chlorophenyl-phenylether
Concen: 40.227 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

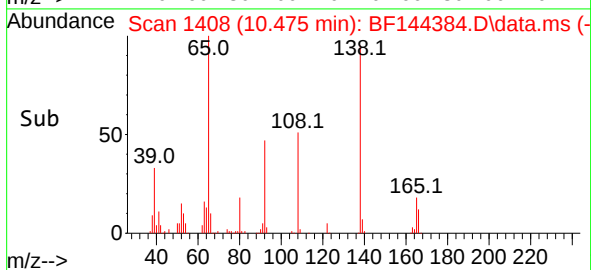
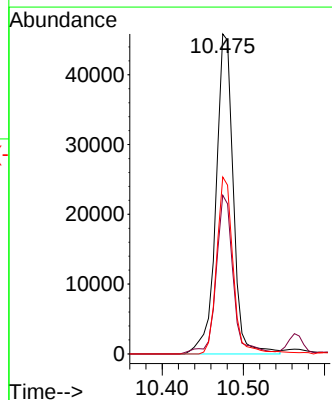
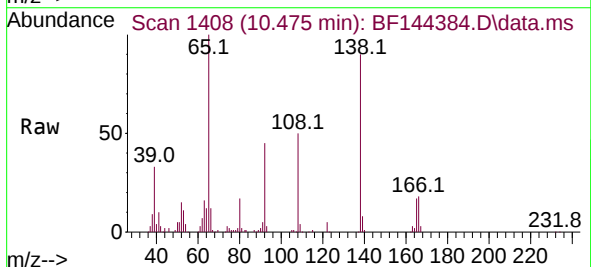
Instrument :
BNA_F
ClientSampleId :
PB170749BS

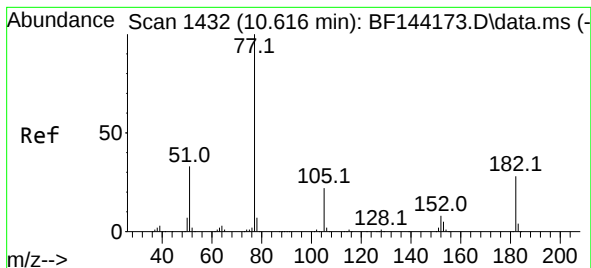
Tgt Ion:204 Resp: 165067
Ion Ratio Lower Upper
204 100
206 34.2 27.4 41.2
141 48.5 40.0 60.0



#62
4-Nitroaniline
Concen: 38.966 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:138 Resp: 67825
Ion Ratio Lower Upper
138 100
92 49.6 29.4 69.4
108 55.3 46.4 86.4





#63

Azobenzene

Concen: 43.379 ng

RT: 10.604 min Scan# 1432

Delta R.T. -0.012 min

Lab File: BF144384.D

Acq: 01 Dec 2025 13:42

Instrument :

BNA_F

ClientSampleId :

PB170749BS

Tgt Ion: 77 Resp: 307399

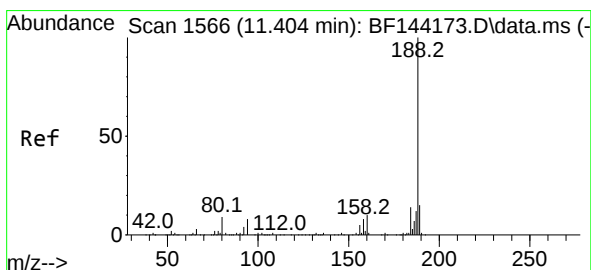
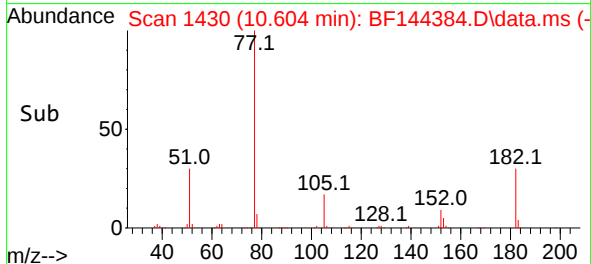
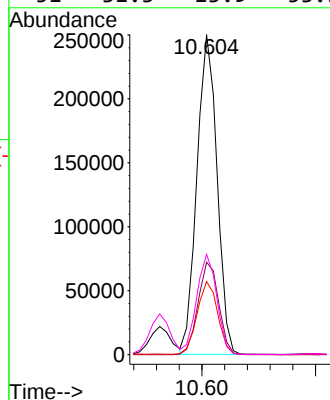
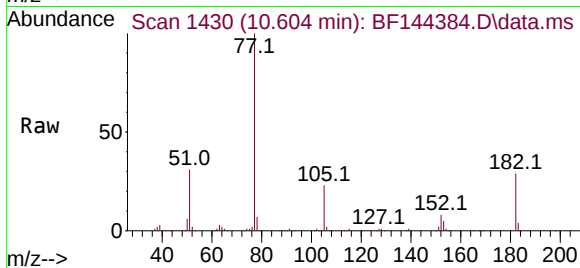
Ion Ratio Lower Upper

77 100

182 28.9 8.1 48.1

105 22.8 2.0 42.0

51 31.3 13.9 53.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1564

Delta R.T. -0.012 min

Lab File: BF144384.D

Acq: 01 Dec 2025 13:42

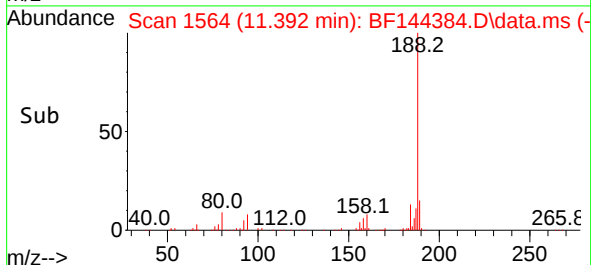
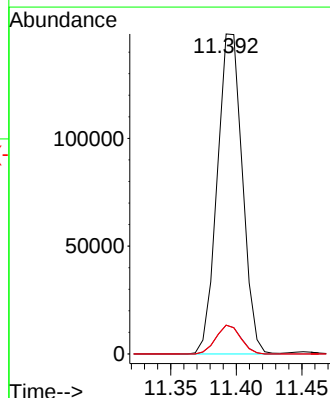
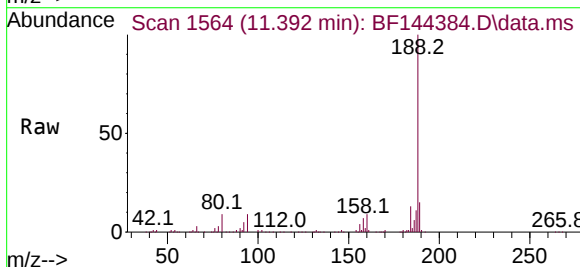
Tgt Ion: 188 Resp: 198008

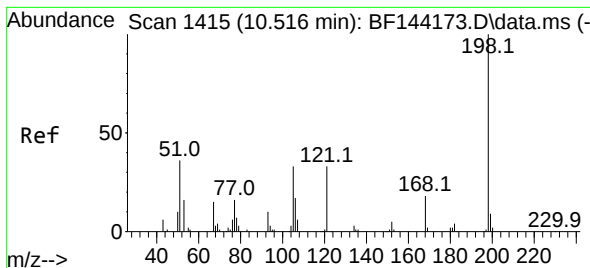
Ion Ratio Lower Upper

188 100

94 9.0 6.2 9.2

80 9.0 6.9 10.3

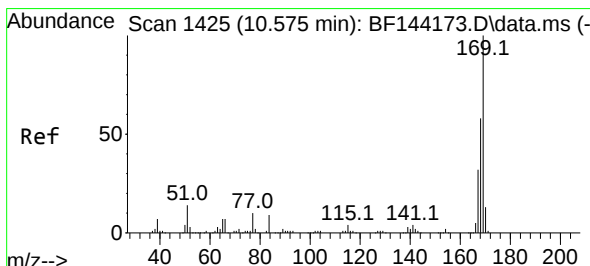
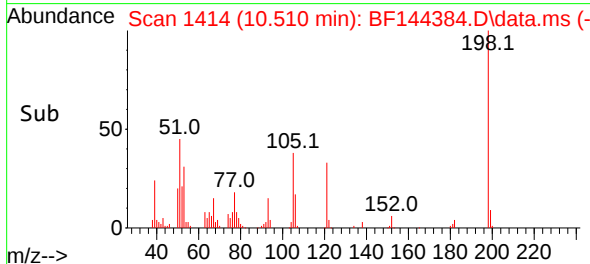
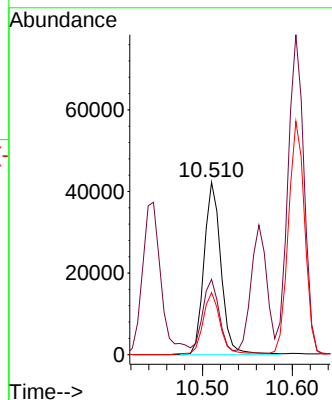
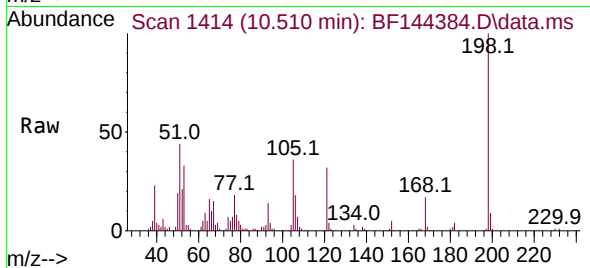




#65
4,6-Dinitro-2-methylphenol
Concen: 41.240 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

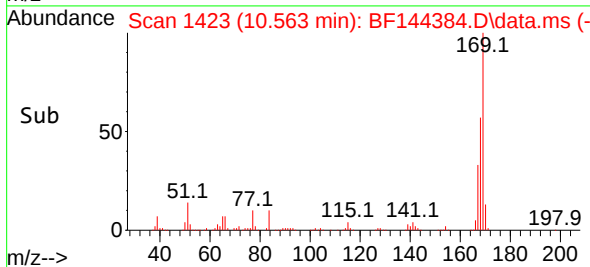
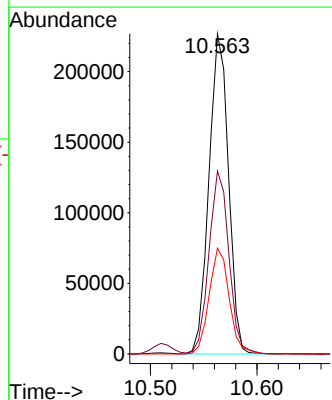
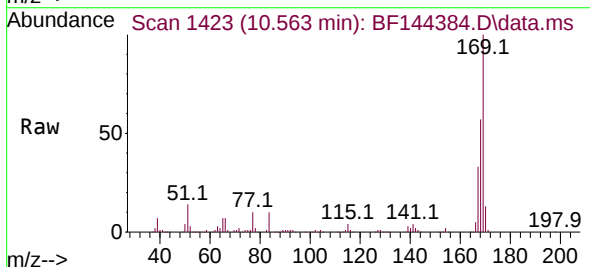
Instrument :
BNA_F
ClientSampleId :
PB170749BS

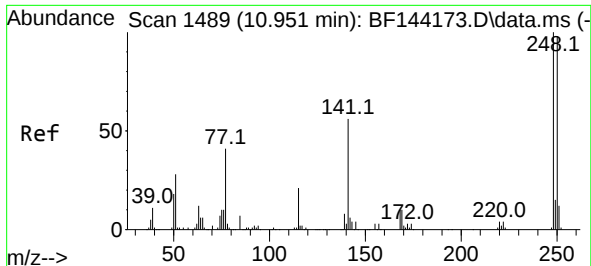
Tgt Ion:198 Resp: 55474
Ion Ratio Lower Upper
198 100
51 43.6 25.6 65.6
105 35.9 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 45.240 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:169 Resp: 288109
Ion Ratio Lower Upper
169 100
168 57.2 46.2 69.2
167 33.0 25.7 38.5

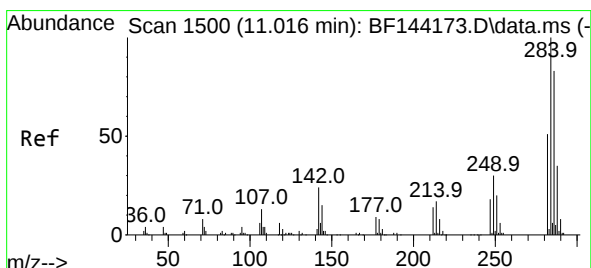
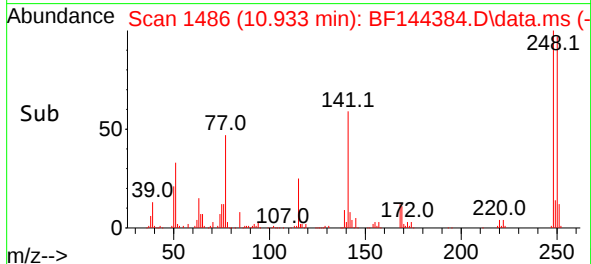
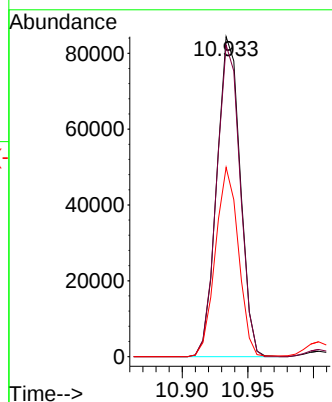
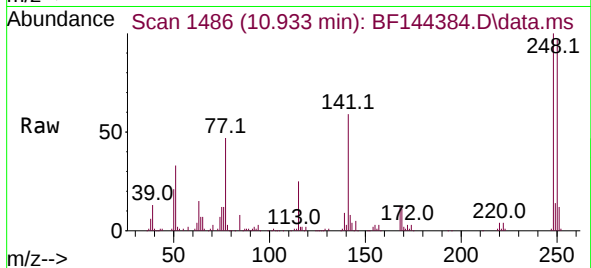




#67
4-Bromophenyl-phenylether
Concen: 41.536 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

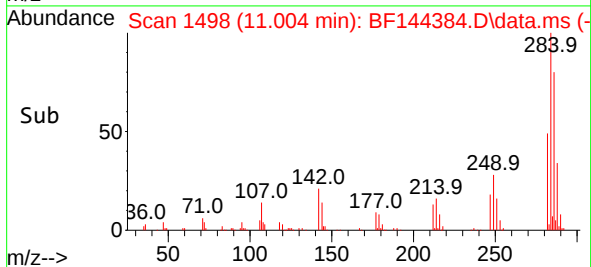
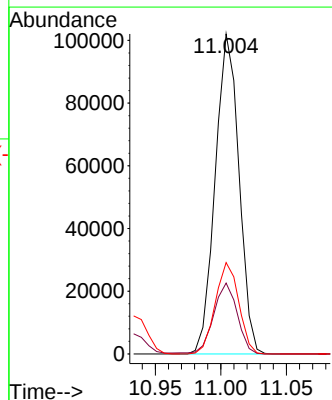
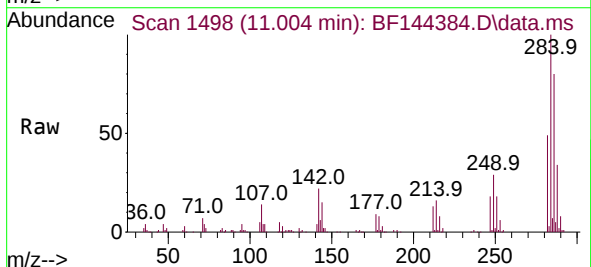
Instrument :
BNA_F
ClientSampleId :
PB170749BS

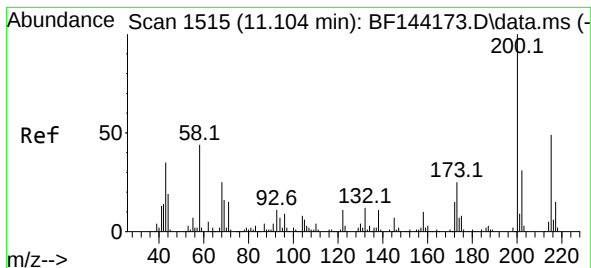
Tgt Ion:248 Resp: 104978
Ion Ratio Lower Upper
248 100
250 97.4 78.4 117.6
141 59.1 45.1 67.7



#68
Hexachlorobenzene
Concen: 43.183 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:284 Resp: 128552
Ion Ratio Lower Upper
284 100
142 22.1 19.2 28.8
249 28.5 23.8 35.8





#69

Atrazine

Concen: 43.191 ng

RT: 11.092 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BF144384.D

Acq: 01 Dec 2025 13:42

Instrument :

BNA_F

ClientSampleId :

PB170749BS

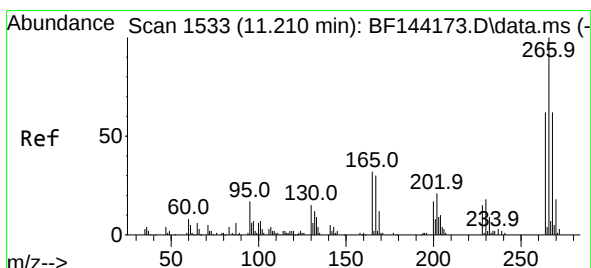
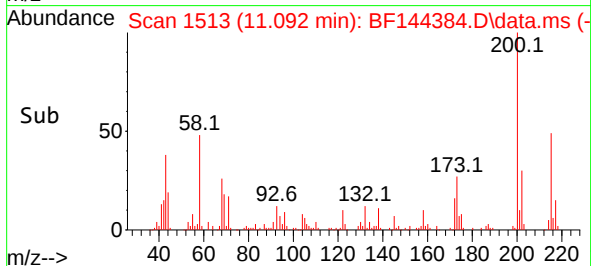
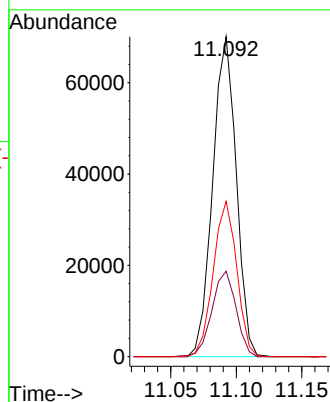
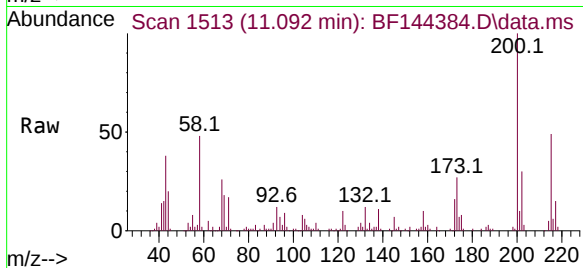
Tgt Ion:200 Resp: 87475

Ion Ratio Lower Upper

200 100

173 26.7 5.0 45.0

215 48.6 28.7 68.7



#70

Pentachlorophenol

Concen: 82.427 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144384.D

Acq: 01 Dec 2025 13:42

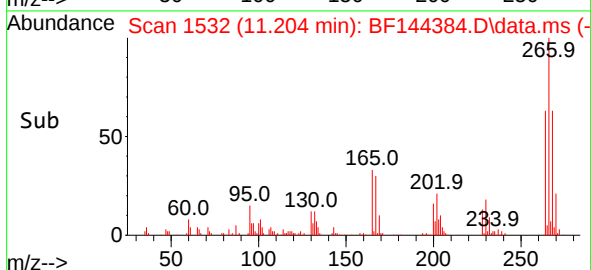
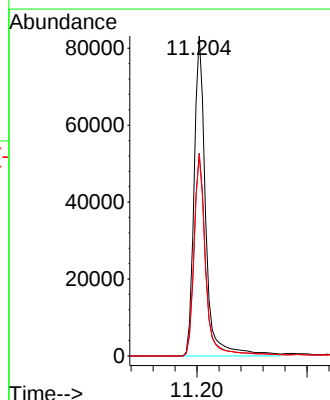
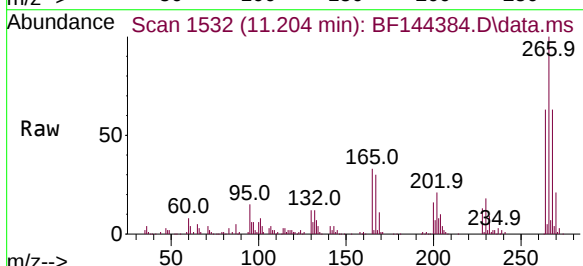
Tgt Ion:266 Resp: 122189

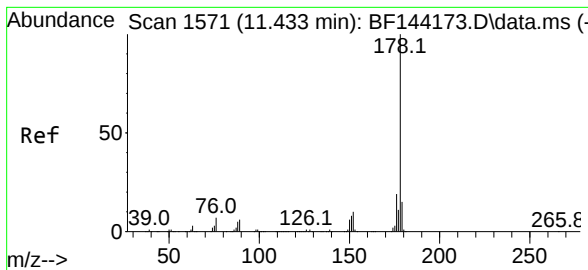
Ion Ratio Lower Upper

266 100

268 63.3 49.5 74.3

264 62.8 49.4 74.2

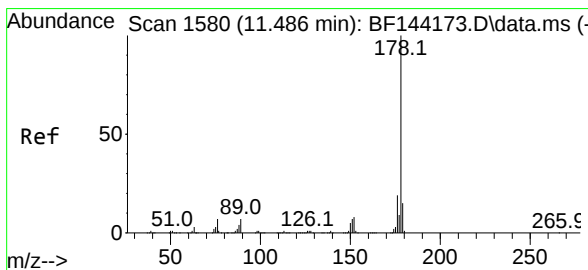
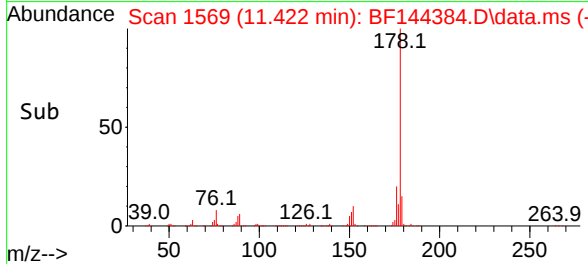
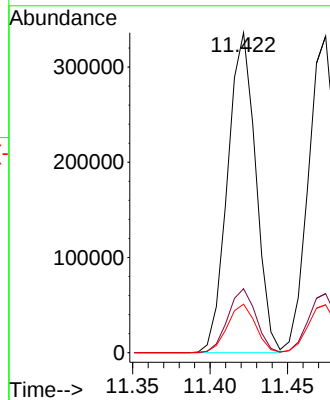
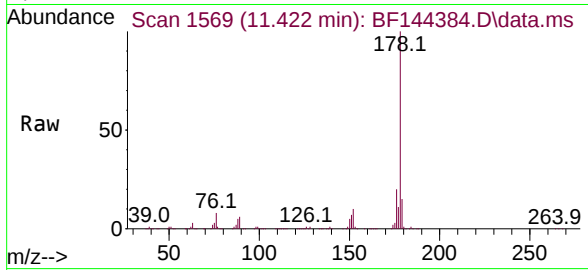




#71
Phenanthrene
Concen: 43.051 ng
RT: 11.422 min Scan# 11578
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

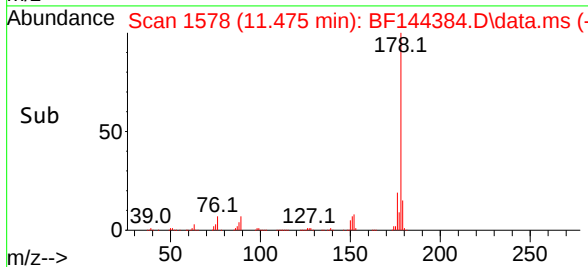
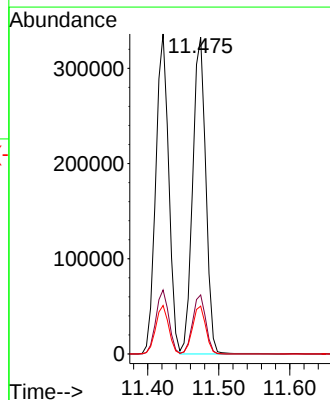
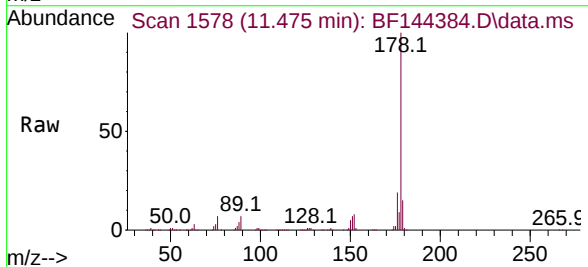
Instrument :
BNA_F
ClientSampleId :
PB170749BS

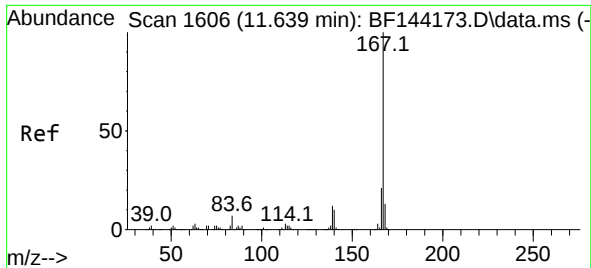
Tgt Ion:178 Resp: 424418
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 15.1 12.2 18.4



#72
Anthracene
Concen: 42.531 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:178 Resp: 426351
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.1 12.0 18.0

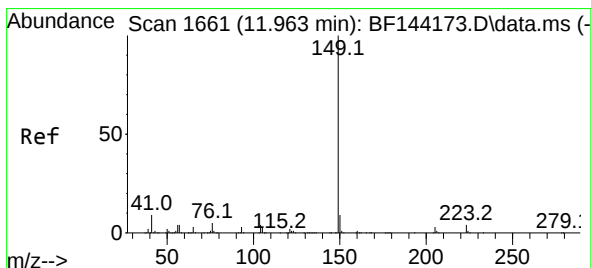
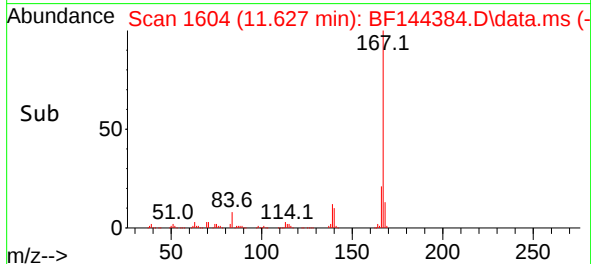
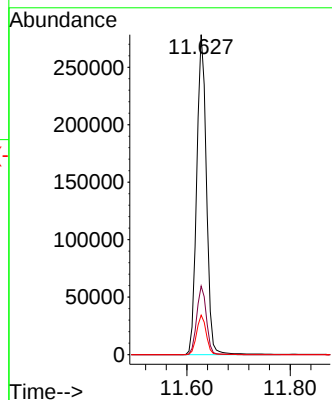
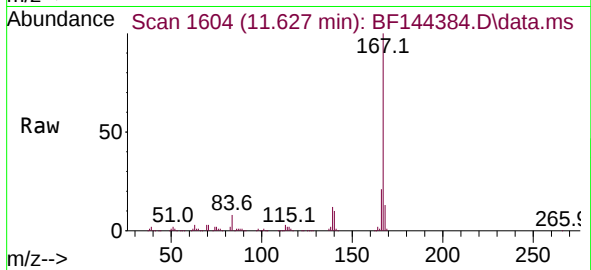




#73
Carbazole
Concen: 42.583 ng
RT: 11.627 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

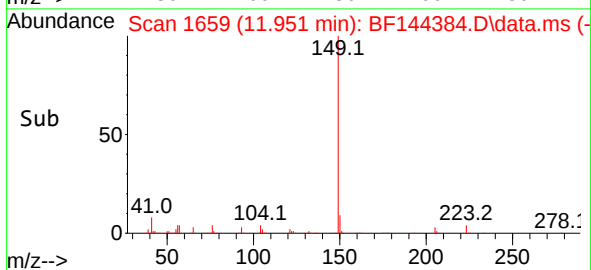
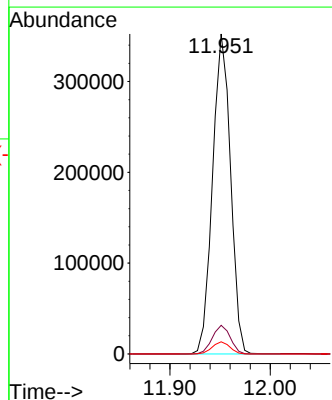
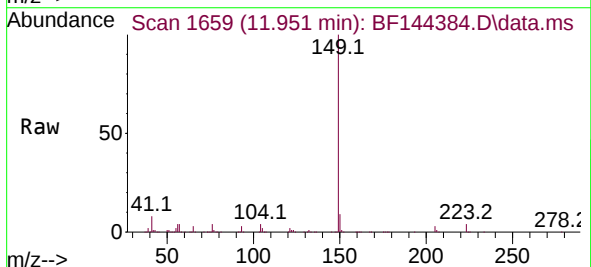
Instrument :
BNA_F
ClientSampleId :
PB170749BS

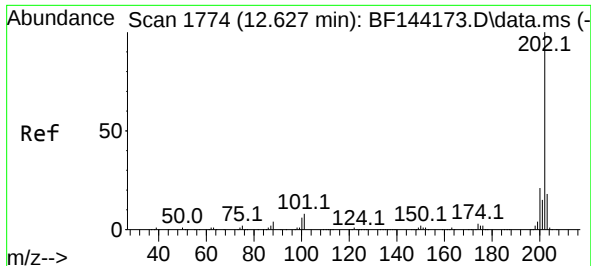
Tgt Ion:167 Resp: 362984
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.3 9.9 14.9



#74
Di-n-butylphthalate
Concen: 42.505 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

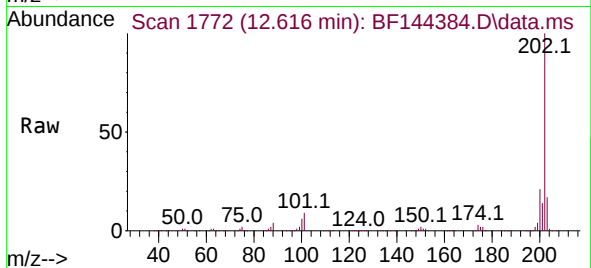
Tgt Ion:149 Resp: 437999
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 3.8 3.4 5.2



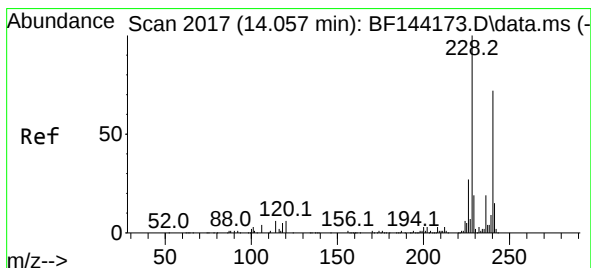
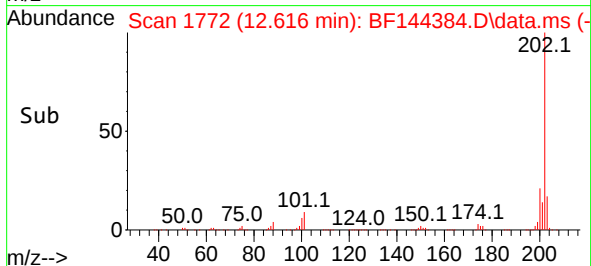
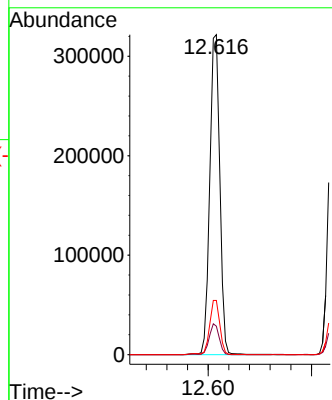


#75
Fluoranthene
Concen: 42.531 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Instrument :
BNA_F
ClientSampleId :
PB170749BS

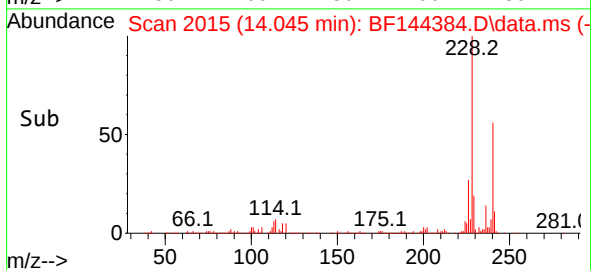
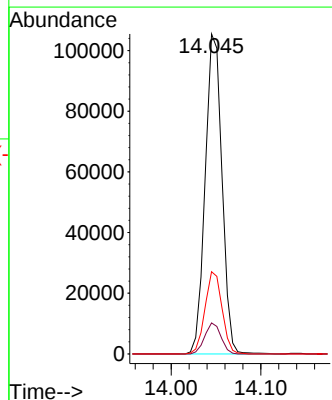
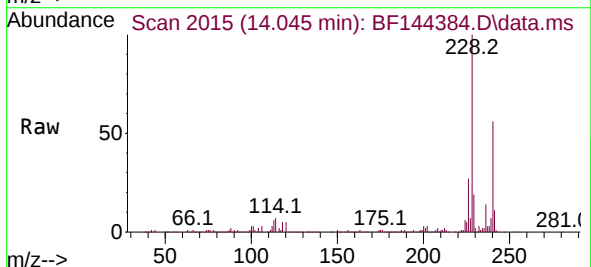


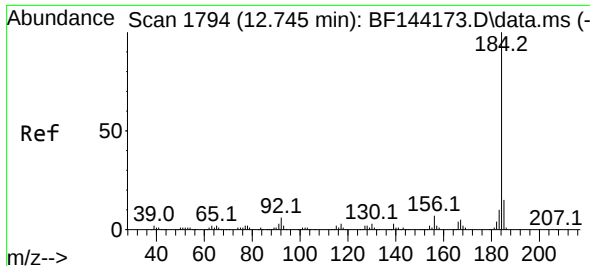
Tgt Ion:202 Resp: 433126
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.9
203 16.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:240 Resp: 136973
Ion Ratio Lower Upper
240 100
120 9.7 6.6 10.0
236 25.7 21.4 32.2

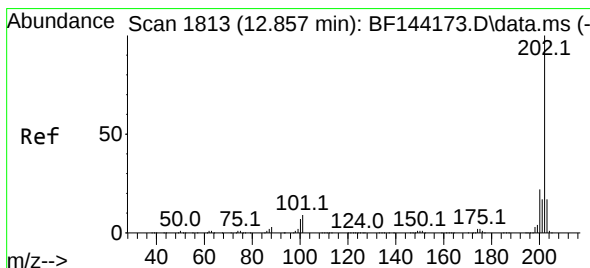
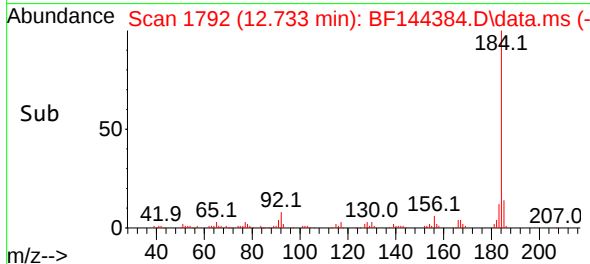
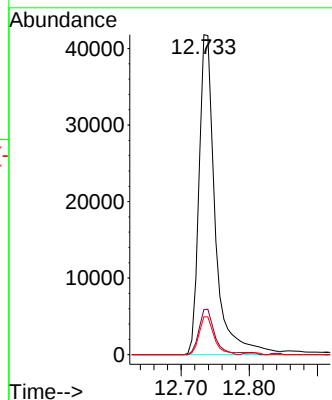
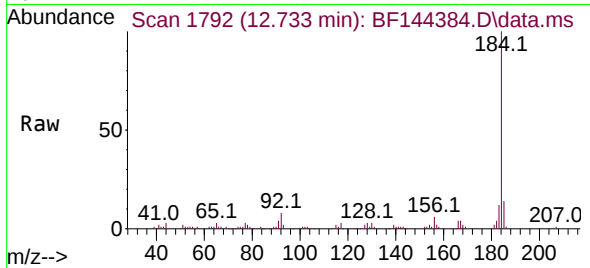




#77
Benzidine
Concen: 17.112 ng
RT: 12.733 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

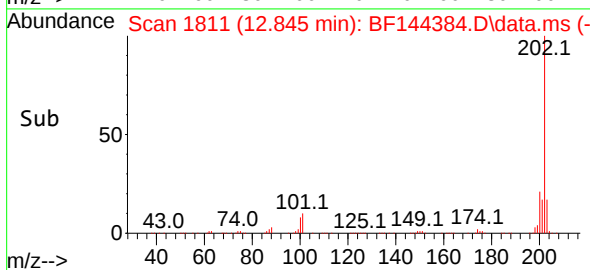
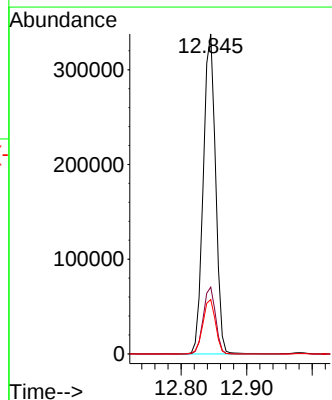
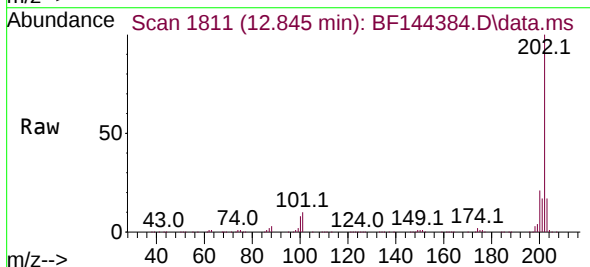
Instrument :
BNA_F
ClientSampleId :
PB170749BS

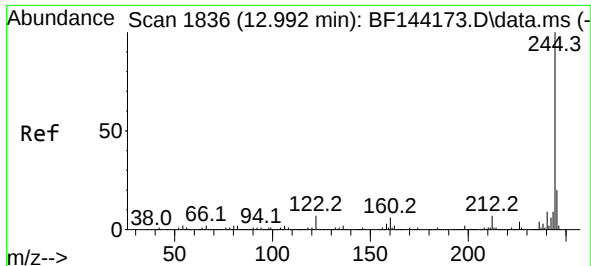
Tgt Ion:184 Resp: 69330
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 11.8 8.3 12.5



#78
Pyrene
Concen: 39.527 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:202 Resp: 436534
Ion Ratio Lower Upper
202 100
200 20.9 17.2 25.8
203 17.0 13.7 20.5

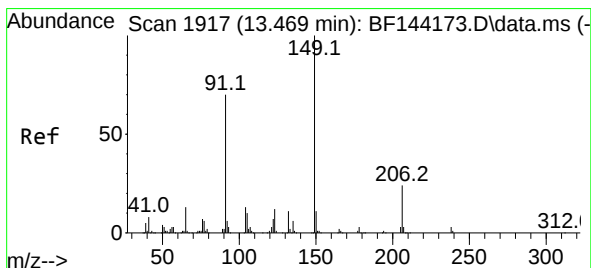
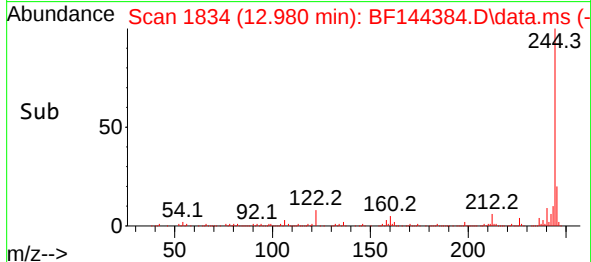
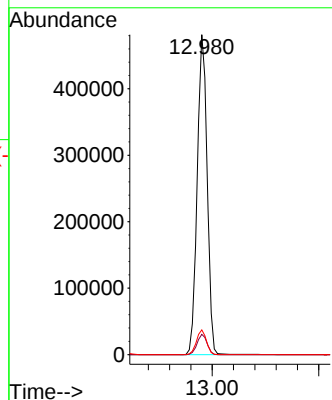
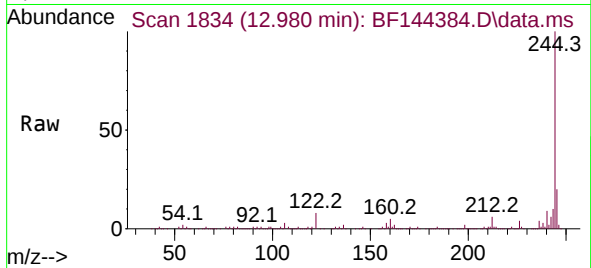




#79
 Terphenyl-d14
 Concen: 72.251 ng
 RT: 12.980 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF144384.D
 Acq: 01 Dec 2025 13:42

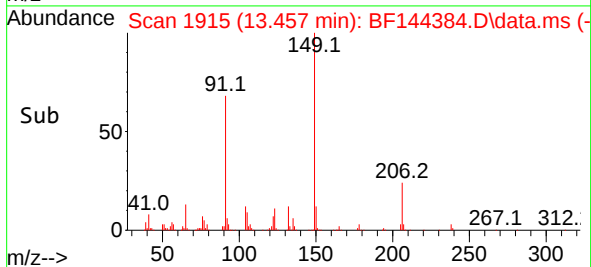
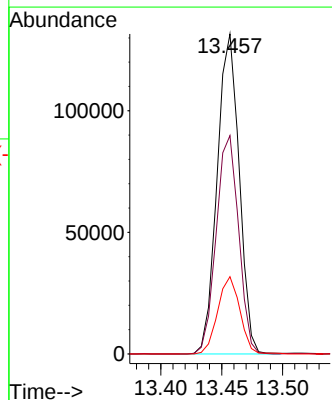
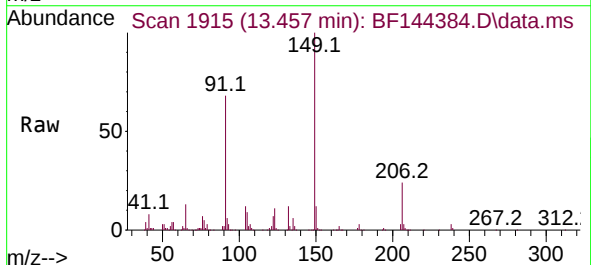
Instrument :
 BNA_F
 ClientSampleId :
 PB170749BS

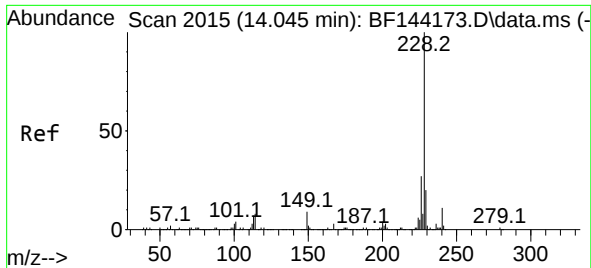
Tgt Ion:244 Resp: 623045
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 7.7 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 43.250 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144384.D
 Acq: 01 Dec 2025 13:42

Tgt Ion:149 Resp: 165549
 Ion Ratio Lower Upper
 149 100
 91 68.2 56.1 84.1
 206 24.1 18.8 28.2

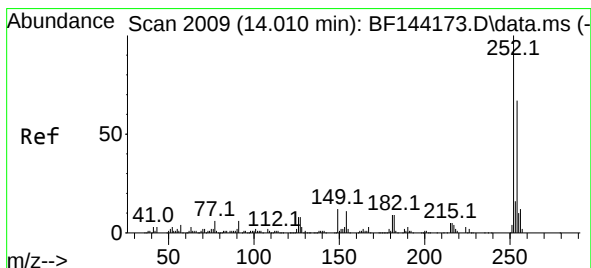
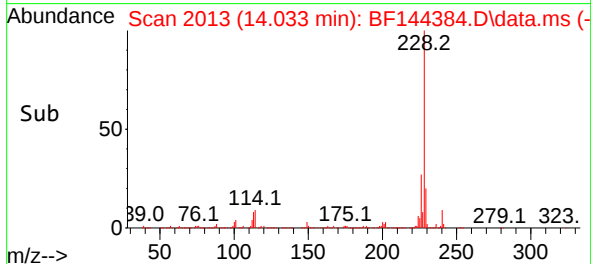
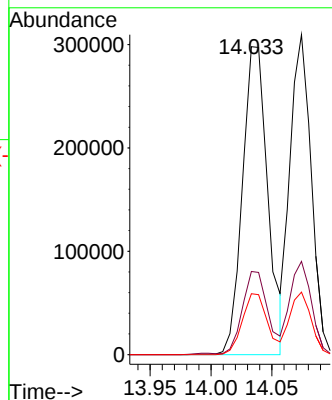
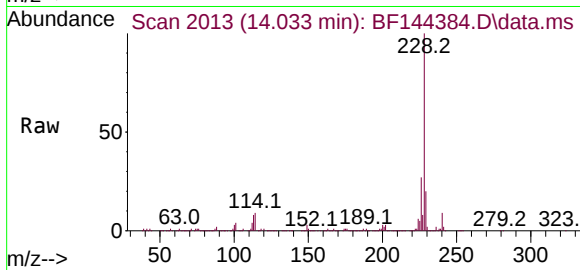




#81
Benzo(a)anthracene
Concen: 45.461 ng
RT: 14.033 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

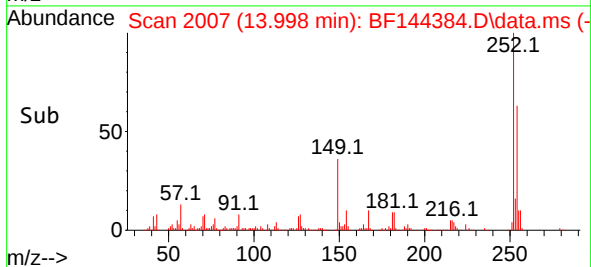
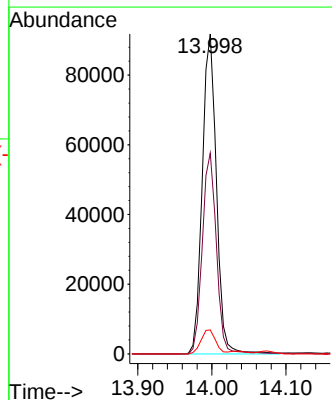
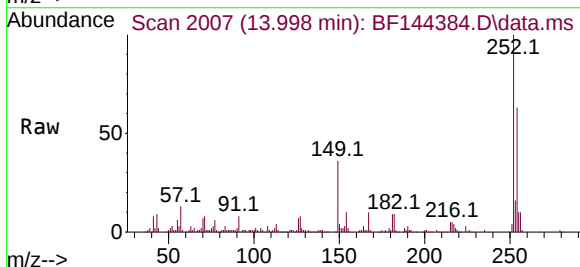
Instrument :
BNA_F
ClientSampleId :
PB170749BS

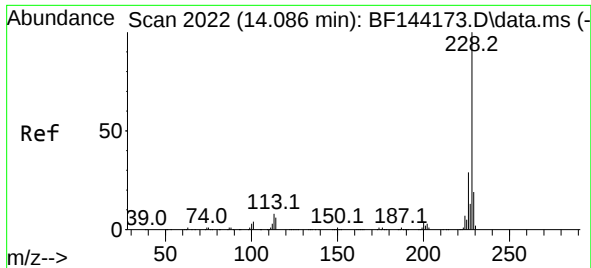
Tgt Ion:228 Resp: 431575
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 37.452 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:252 Resp: 121871
Ion Ratio Lower Upper
252 100
254 62.8 53.5 80.3
126 7.5 6.4 9.6





#83

Chrysene

Concen: 42.787 ng

RT: 14.074 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144384.D

Acq: 01 Dec 2025 13:42

Instrument :

BNA_F

ClientSampleId :

PB170749BS

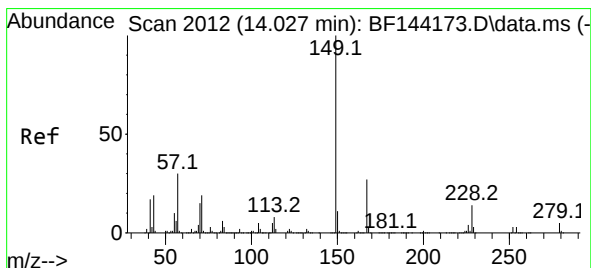
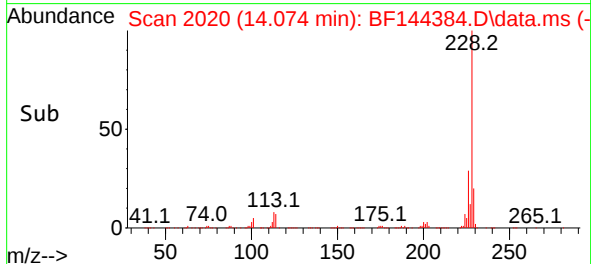
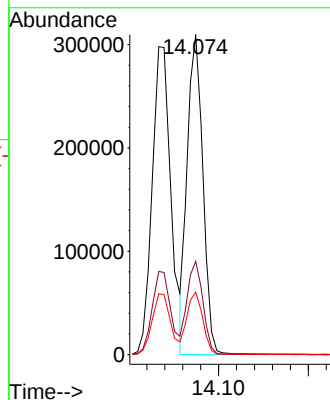
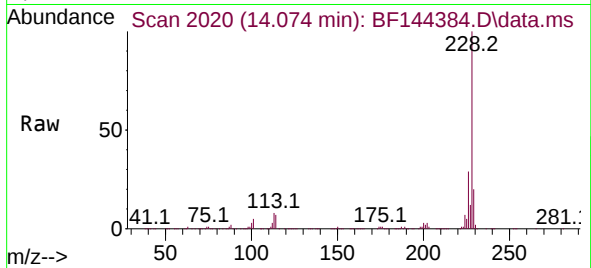
Tgt Ion:228 Resp: 374964

Ion Ratio Lower Upper

228 100

226 29.1 22.9 34.3

229 19.5 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.166 ng

RT: 14.016 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF144384.D

Acq: 01 Dec 2025 13:42

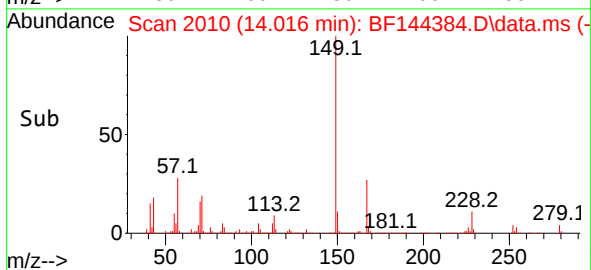
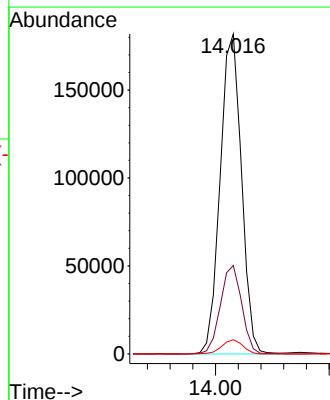
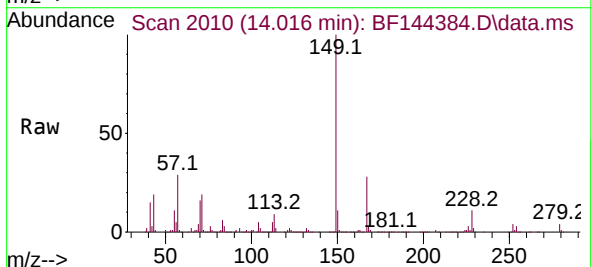
Tgt Ion:149 Resp: 236665

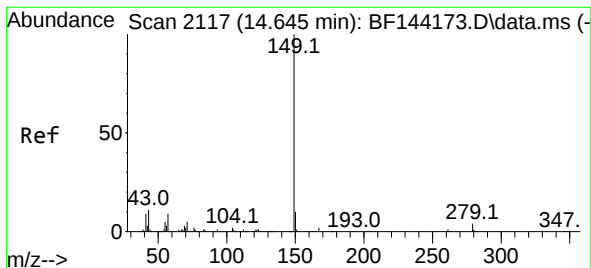
Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.8

279 4.4 3.7 5.5

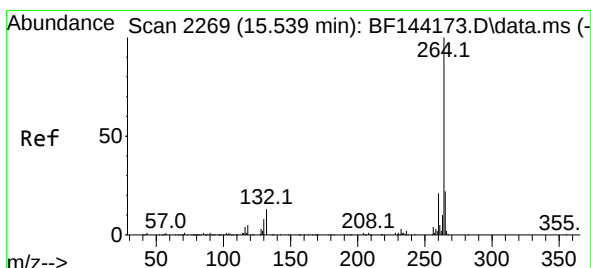
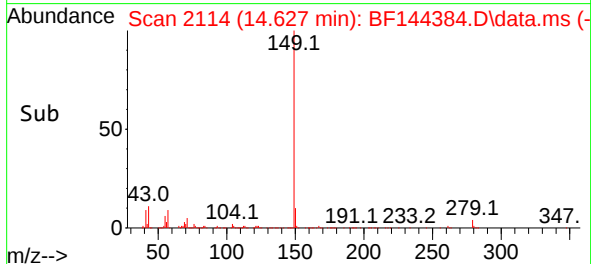
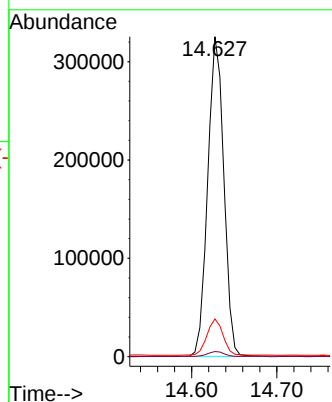
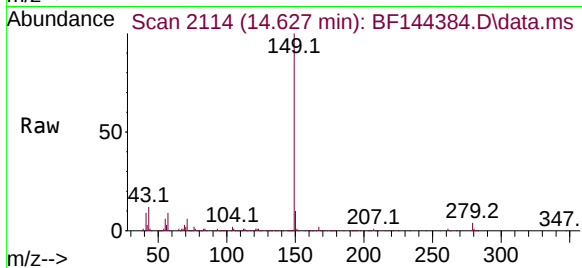




#85
Di-n-octyl phthalate
Concen: 47.121 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

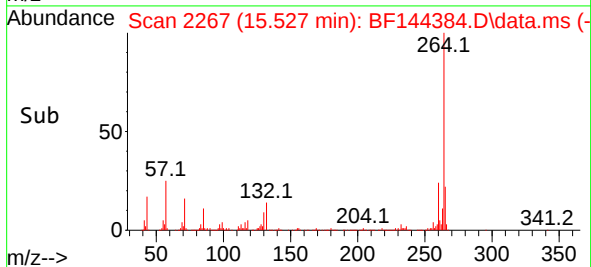
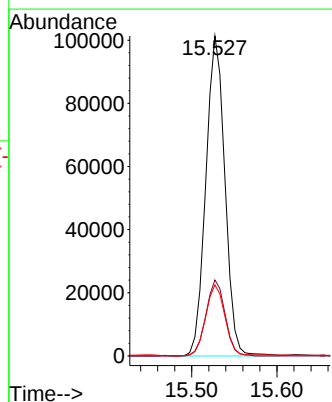
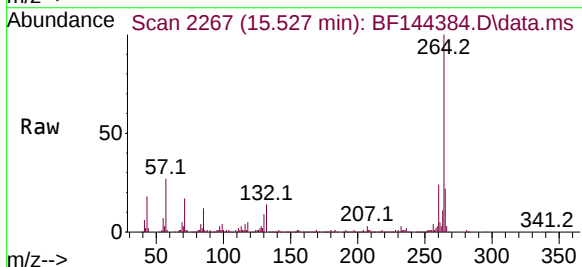
Instrument :
BNA_F
ClientSampleId :
PB170749BS

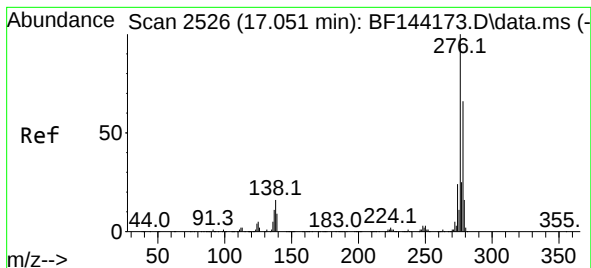
Tgt Ion:149 Resp: 426006
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8#
43 11.5 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144384.D
Acq: 01 Dec 2025 13:42

Tgt Ion:264 Resp: 157471
Ion Ratio Lower Upper
264 100
260 23.7 17.1 25.7
265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.726 ng

RT: 17.039 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF144384.D

Acq: 01 Dec 2025 13:42

Instrument :

BNA_F

ClientSampleId :

PB170749BS

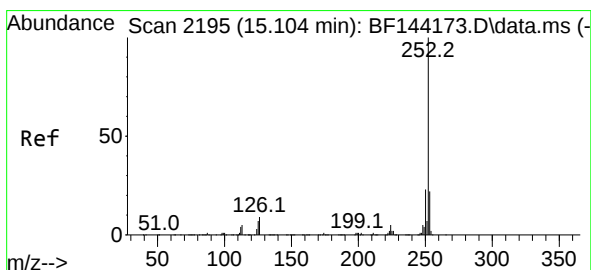
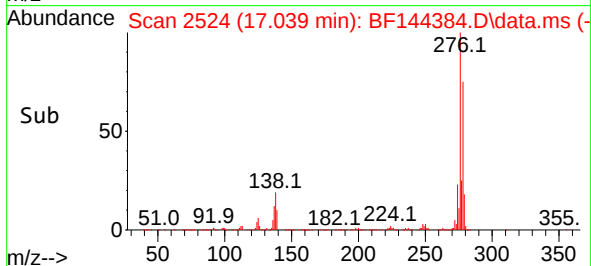
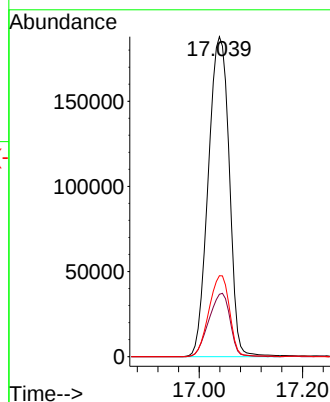
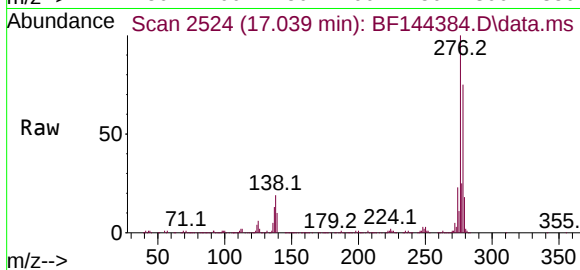
Tgt Ion:276 Resp: 528187

Ion Ratio Lower Upper

276 100

138 20.1 13.9 20.9

277 25.1 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 51.041 ng

RT: 15.098 min Scan# 2194

Delta R.T. -0.000 min

Lab File: BF144384.D

Acq: 01 Dec 2025 13:42

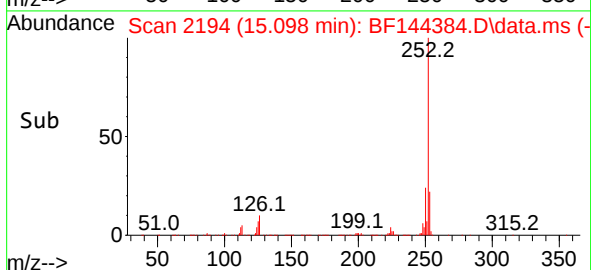
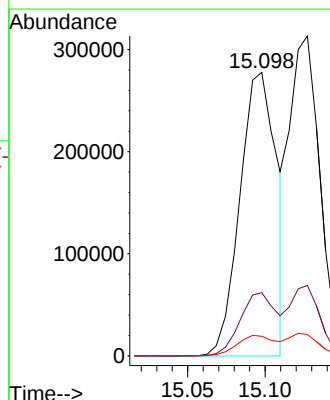
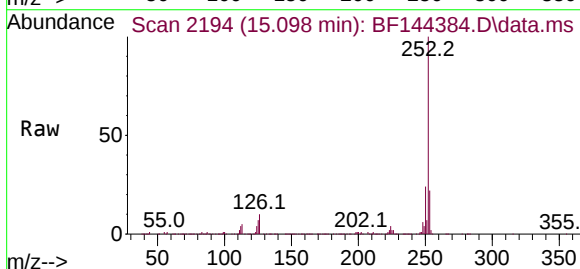
Tgt Ion:252 Resp: 456943

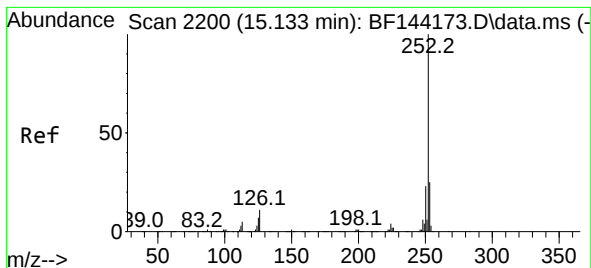
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 6.9 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 50.727 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF144384.D

Acq: 01 Dec 2025 13:42

Instrument :

BNA_F

ClientSampleId :

PB170749BS

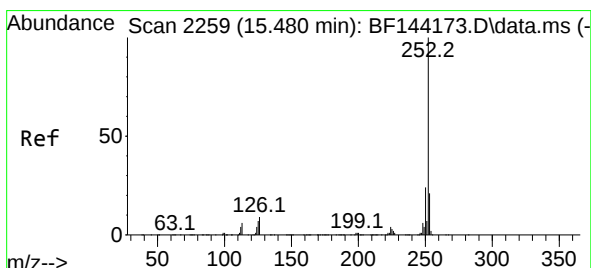
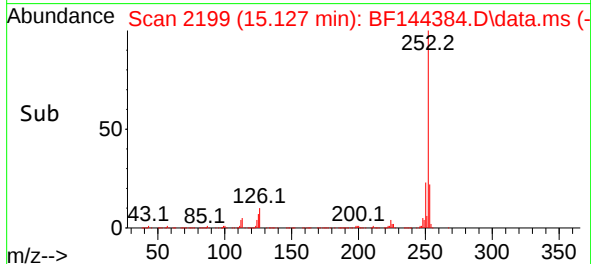
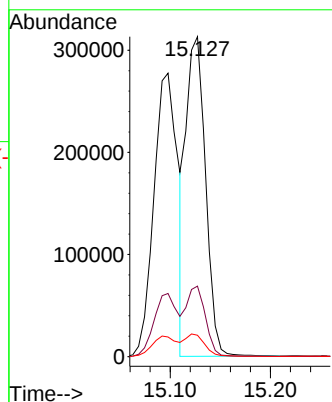
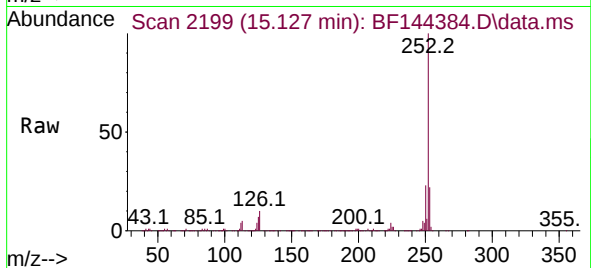
Tgt Ion:252 Resp: 425071

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

125 6.7 5.4 8.2



#90

Benzo(a)pyrene

Concen: 52.071 ng

RT: 15.468 min Scan# 2257

Delta R.T. -0.006 min

Lab File: BF144384.D

Acq: 01 Dec 2025 13:42

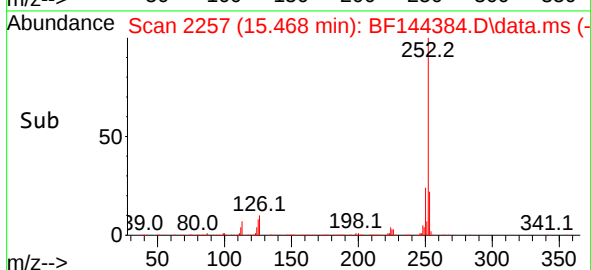
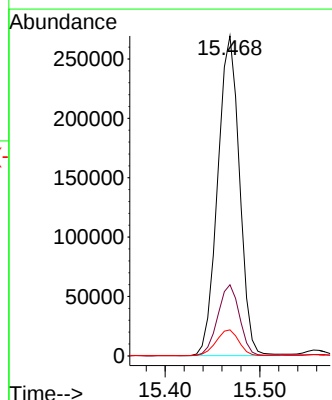
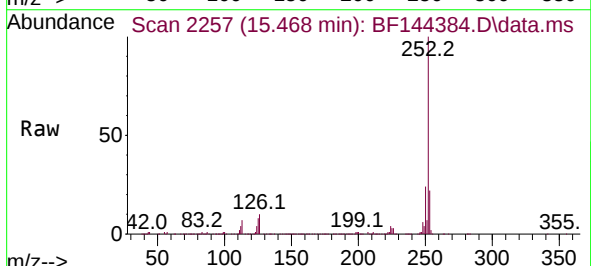
Tgt Ion:252 Resp: 430060

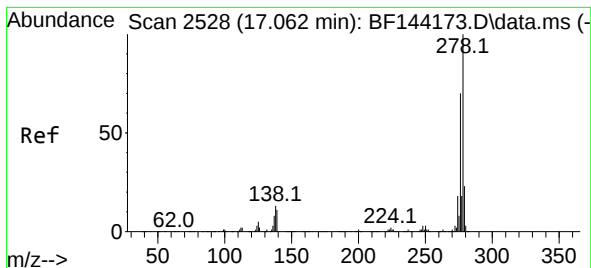
Ion Ratio Lower Upper

252 100

253 22.2 16.7 25.1

125 8.1 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 48.298 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF144384.D

Acq: 01 Dec 2025 13:42

Instrument :

BNA_F

ClientSampleId :

PB170749BS

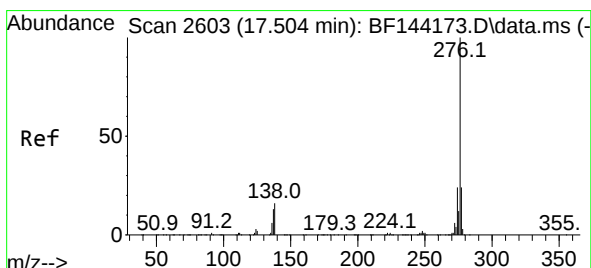
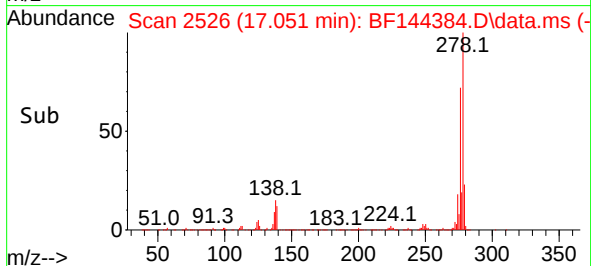
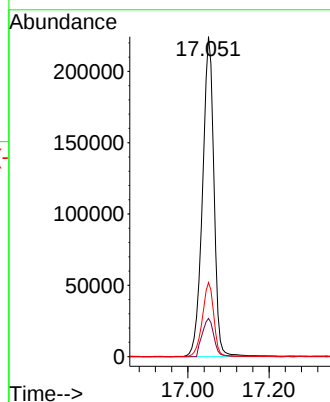
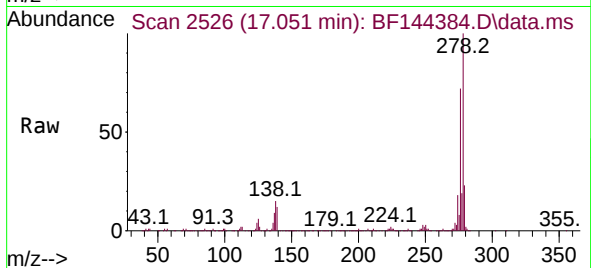
Tgt Ion:278 Resp: 438458

Ion Ratio Lower Upper

278 100

139 11.9 9.1 13.7

279 23.2 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 49.732 ng

RT: 17.498 min Scan# 2602

Delta R.T. 0.006 min

Lab File: BF144384.D

Acq: 01 Dec 2025 13:42

Tgt Ion:276 Resp: 445844

Ion Ratio Lower Upper

276 100

277 22.3 19.0 28.4

138 17.1 12.9 19.3

