

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112125\
 Data File : BF144314.D
 Acq On : 21 Nov 2025 18:19
 Operator : RC/JU
 Sample : PB170692BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170692BS

Quant Time: Nov 21 22:04:15 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	63732	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	245497	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	132208	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	215195	20.000	ng	0.00
76) Chrysene-d12	14.051	240	152200	20.000	ng	0.00
86) Perylene-d12	15.527	264	131672	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	452663	111.147	ng	0.01
7) Phenol-d6	6.504	99	513538	111.284	ng	0.00
23) Nitrobenzene-d5	7.434	82	324342	76.304	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	179305	108.076	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	678608	75.809	ng	0.00
79) Terphenyl-d14	12.986	244	714925	74.612	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	64966	38.584	ng	99
3) Pyridine	3.463	79	185260	39.438	ng	99
4) n-Nitrosodimethylamine	3.416	42	108232	44.109	ng	94
6) Aniline	6.528	93	133405	20.290	ng	# 41
8) 2-Chlorophenol	6.651	128	170614	42.718	ng	98
9) Benzaldehyde	6.416	77	92368	35.447	ng	97
10) Phenol	6.522	94	224294	39.782	ng	87
11) bis(2-Chloroethyl)ether	6.604	93	181073	44.075	ng	99
12) 1,3-Dichlorobenzene	6.804	146	206646	41.929	ng	97
13) 1,4-Dichlorobenzene	6.881	146	211046	42.743	ng	99
14) 1,2-Dichlorobenzene	7.034	146	200616	42.390	ng	99
15) Benzyl Alcohol	7.010	79	162682	44.521	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	325017	42.960	ng	95
17) 2-Methylphenol	7.122	107	136739	43.035	ng	100
18) Hexachloroethane	7.375	117	64526	39.335	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	125517	41.318	ng	98
20) 3+4-Methylphenols	7.275	107	155750	41.583	ng	# 88
22) Acetophenone	7.275	105	223849	42.505	ng	97
24) Nitrobenzene	7.451	77	187627	40.654	ng	96
25) Isophorone	7.686	82	342501	42.599	ng	99
26) 2-Nitrophenol	7.763	139	96195	42.105	ng	97
27) 2,4-Dimethylphenol	7.804	122	159389	46.547	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	209559	41.738	ng	96
29) 2,4-Dichlorophenol	8.010	162	159085	40.308	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	167860	41.420	ng	99
31) Naphthalene	8.169	128	471383	40.365	ng	100
32) Benzoic acid	7.928	122	92819	36.979	ng	96
33) 4-Chloroaniline	8.222	127	41281	9.692	ng	97
34) Hexachlorobutadiene	8.286	225	119279	39.053	ng	100
35) Caprolactam	8.598	113	51530	47.657	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	145984	41.273	ng	98
37) 2-Methylnaphthalene	8.863	142	289799	37.116	ng	99
38) 1-Methylnaphthalene	8.963	142	290242	38.526	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	173399	40.019	ng	98
41) Hexachlorocyclopentadiene	9.010	237	58255	43.017	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	123281	41.804	ng	99

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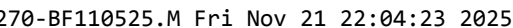
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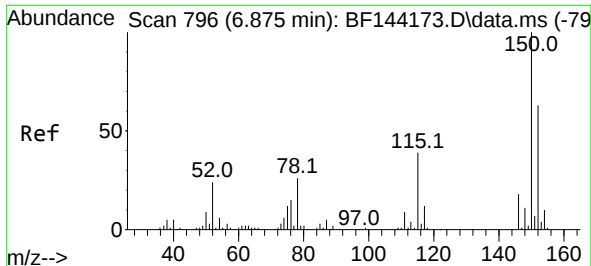
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	128160	40.322	ng	99
46) 1,1'-Biphenyl	9.328	154	388177	42.063	ng	99
47) 2-Chloronaphthalene	9.351	162	318516	40.462	ng	99
48) 2-Nitroaniline	9.451	65	102223	45.006	ng	94
49) Acenaphthylene	9.769	152	490738	45.746	ng	99
50) Dimethylphthalate	9.628	163	399222	45.581	ng	100
51) 2,6-Dinitrotoluene	9.692	165	80298	45.289	ng	98
52) Acenaphthene	9.939	154	265713	37.040	ng	100
53) 3-Nitroaniline	9.863	138	53070	27.382	ng	99
54) 2,4-Dinitrophenol	9.980	184	24295	22.692	ng	90
55) Dibenzofuran	10.116	168	401544	39.967	ng	99
56) 4-Nitrophenol	10.033	139	109054	77.785	ng	99
57) 2,4-Dinitrotoluene	10.098	165	105123	44.290	ng	99
58) Fluorene	10.457	166	315418	41.292	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	94844	42.177	ng	98
60) Diethylphthalate	10.328	149	358455	44.396	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	170284	39.135	ng	96
62) 4-Nitroaniline	10.480	138	74061	40.125	ng	93
63) Azobenzene	10.610	77	322242	42.884	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	23009	15.739	ng	96
66) n-Nitrosodiphenylamine	10.569	169	315170	45.537	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	116472	42.403	ng	98
68) Hexachlorobenzene	11.010	284	133400	41.232	ng	96
69) Atrazine	11.098	200	108511	49.298	ng	98
70) Pentachlorophenol	11.204	266	135528	84.123	ng	98
71) Phenanthrene	11.422	178	447263	41.745	ng	99
72) Anthracene	11.474	178	463565	42.550	ng	100
73) Carbazole	11.633	167	412591	44.537	ng	98
74) Di-n-butylphthalate	11.957	149	524175	46.805	ng	99
75) Fluoranthene	12.616	202	480901	43.450	ng	99
77) Benzidine	12.739	184	277489	61.637	ng	99
78) Pyrene	12.845	202	481826	39.263	ng	99
80) Butylbenzylphthalate	13.457	149	196370	46.169	ng	99
81) Benzo(a)anthracene	14.039	228	454676	43.103	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	133687	36.973	ng	97
83) Chrysene	14.074	228	393514	40.411	ng	97
84) Bis(2-ethylhexyl)phtha...	14.015	149	264187	45.374	ng	100
85) Di-n-octyl phthalate	14.627	149	438230	43.624	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	302869	32.043	ng	97
88) Benzo(b)fluoranthene	15.098	252	377818	50.471	ng	99
89) Benzo(k)fluoranthene	15.121	252	335889	47.938	ng	98
90) Benzo(a)pyrene	15.468	252	315357	45.664	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	251769	33.167	ng	98
92) Benzo(g,h,i)perylene	17.486	276	233909	31.204	ng	97

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

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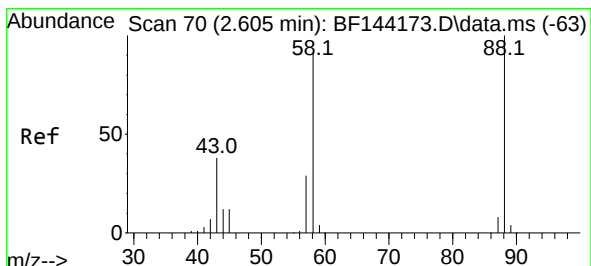
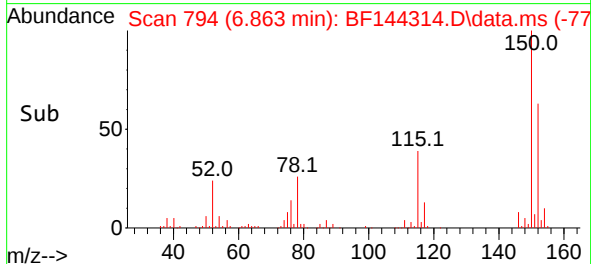
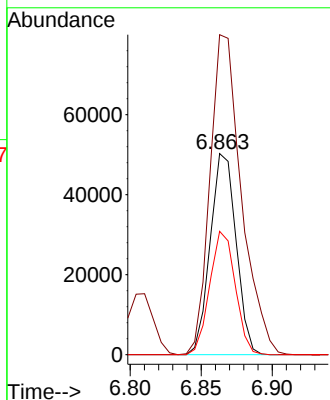
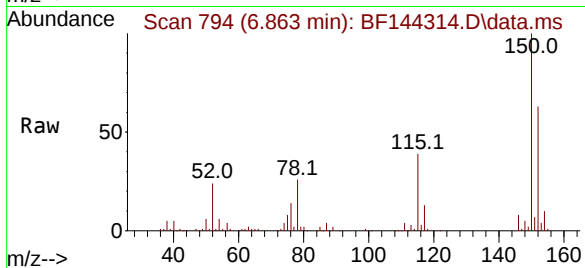




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF144314.D
 Acq: 21 Nov 2025 18:19

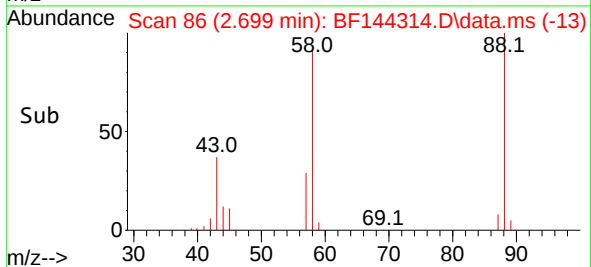
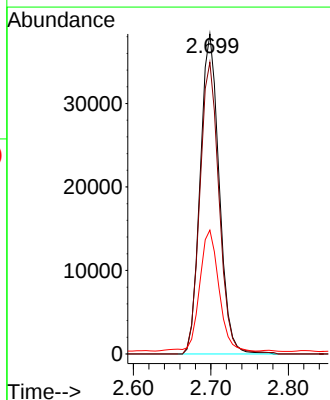
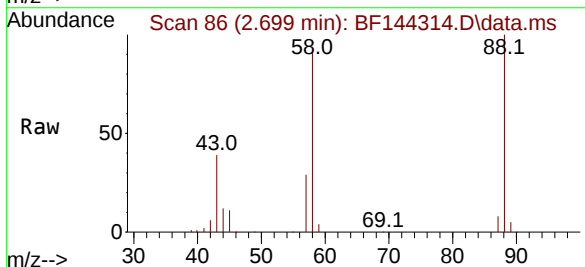
Instrument :
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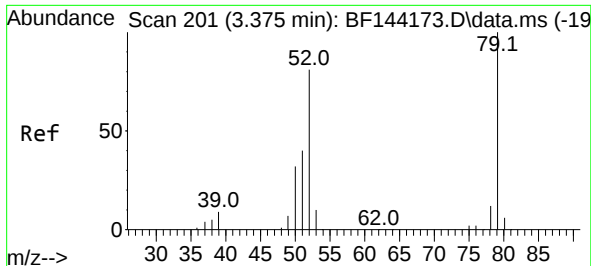
Tgt Ion:152 Resp: 63732
 Ion Ratio Lower Upper
 152 100
 150 159.1 127.4 191.0
 115 61.3 49.5 74.3



#2
 1,4-Dioxane
 Concen: 38.584 ng
 RT: 2.699 min Scan# 86
 Delta R.T. 0.082 min
 Lab File: BF144314.D
 Acq: 21 Nov 2025 18:19

Tgt Ion: 88 Resp: 64966
 Ion Ratio Lower Upper
 88 100
 58 92.6 73.1 109.7
 43 38.4 31.0 46.6

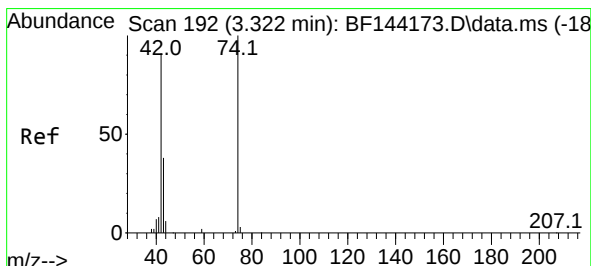
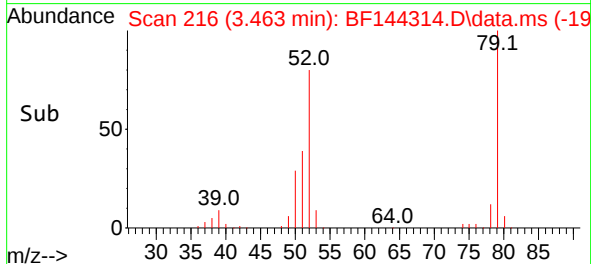
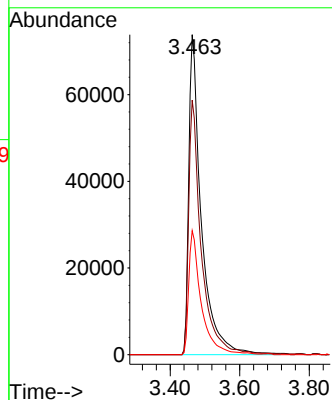
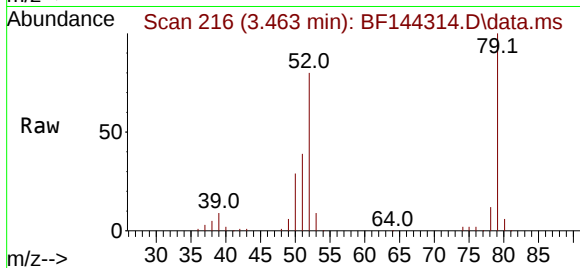




#3
Pyridine
Concen: 39.438 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

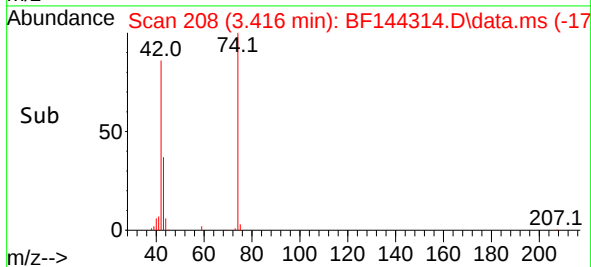
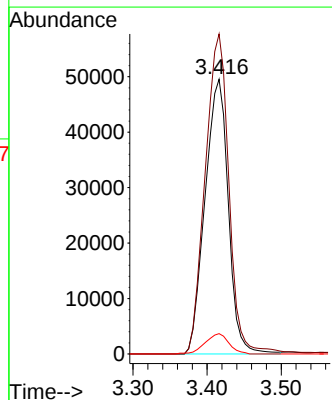
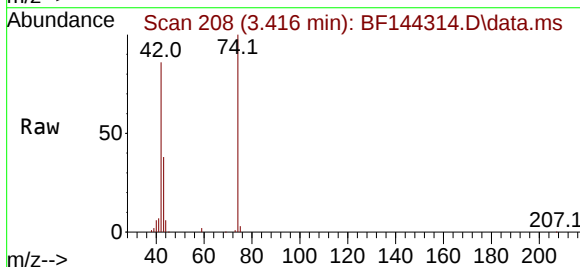
Instrument :
BNA_F
ClientSampleId :
PB170692BS

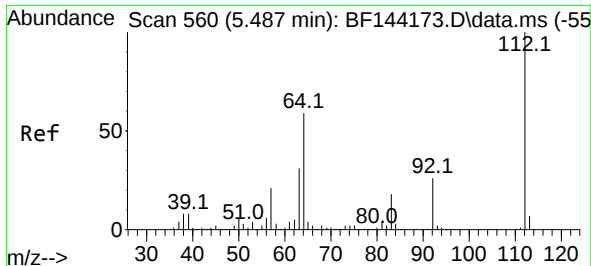
Tgt Ion: 79 Resp: 185260
Ion Ratio Lower Upper
79 100
52 79.6 64.5 96.7
51 38.7 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 44.109 ng
RT: 3.416 min Scan# 208
Delta R.T. 0.071 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion: 42 Resp: 108232
Ion Ratio Lower Upper
42 100
74 116.5 88.2 132.4
44 7.4 5.7 8.5

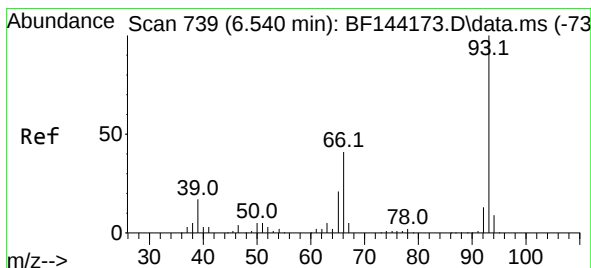
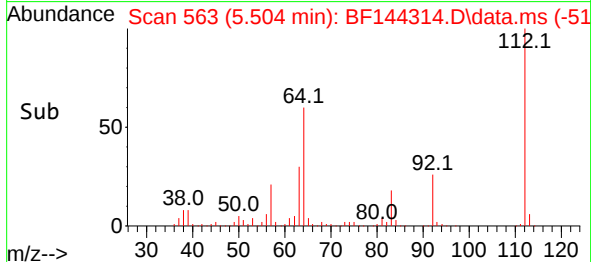
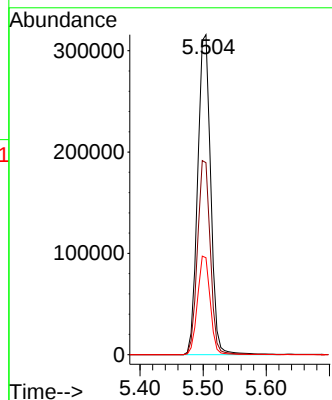
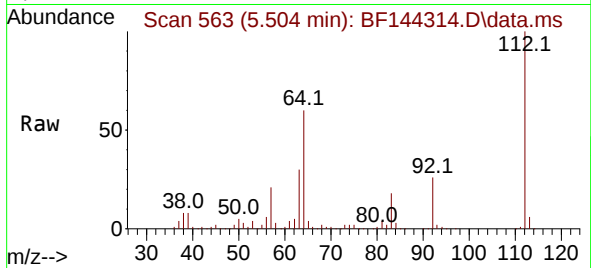




#5
2-Fluorophenol
Concen: 111.147 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

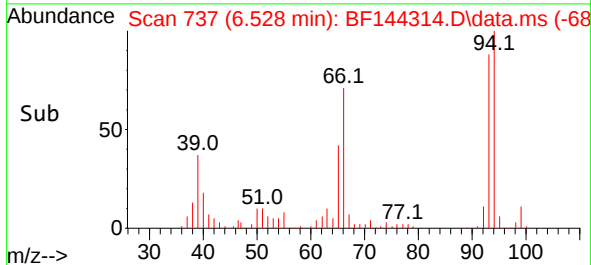
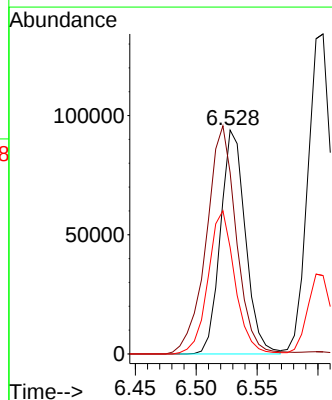
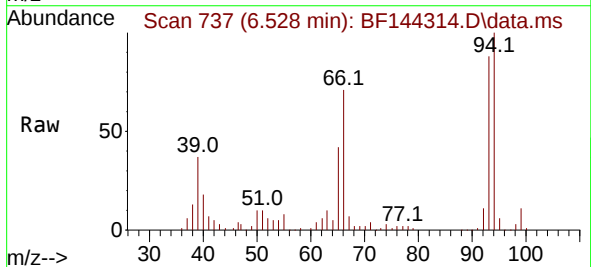
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ClientSampleId :
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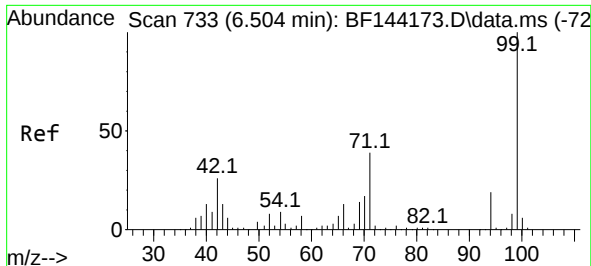
Tgt Ion:112 Resp: 452663
Ion Ratio Lower Upper
112 100
64 60.0 47.2 70.8
63 30.3 24.4 36.6



#6
Aniline
Concen: 20.290 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion: 93 Resp: 133405
Ion Ratio Lower Upper
93 100
66 81.0 34.3 51.5#
65 47.6 16.9 25.3#

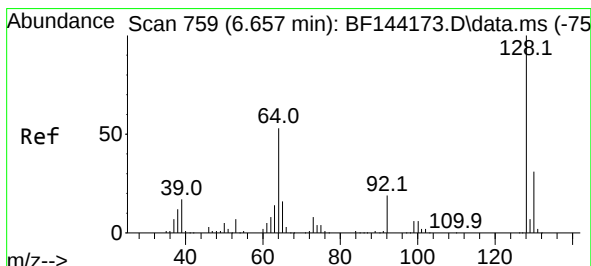
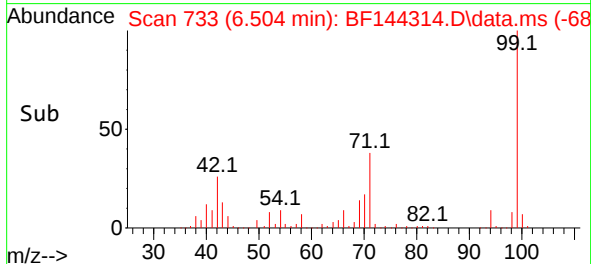
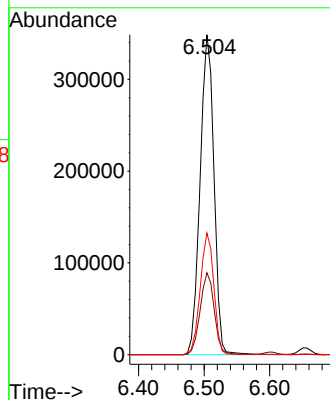
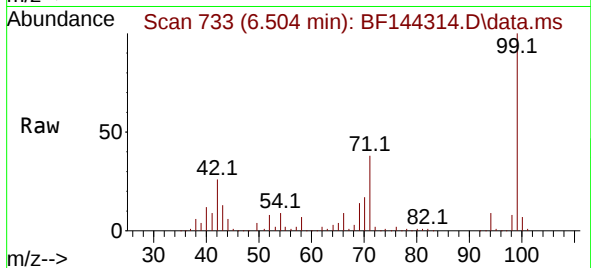




#7
Phenol-d6
Concen: 111.284 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

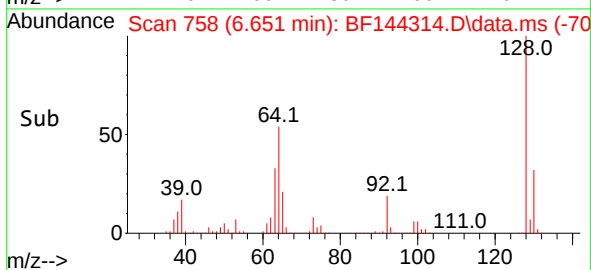
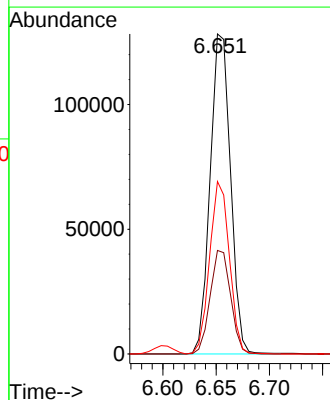
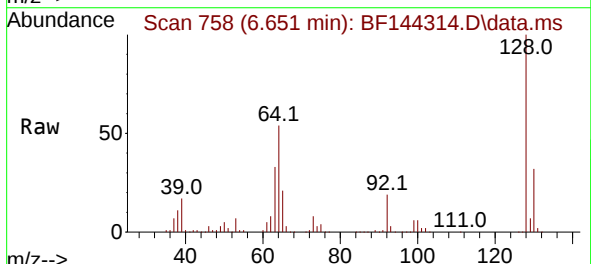
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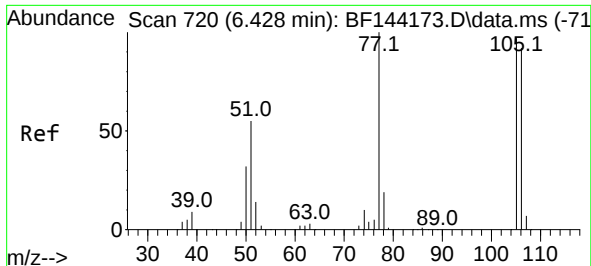
Tgt Ion: 99 Resp: 513538
Ion Ratio Lower Upper
99 100
42 25.6 20.9 31.3
71 38.0 31.4 47.2



#8
2-Chlorophenol
Concen: 42.718 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion:128 Resp: 170614
Ion Ratio Lower Upper
128 100
130 32.3 10.5 50.5
64 53.9 33.2 73.2

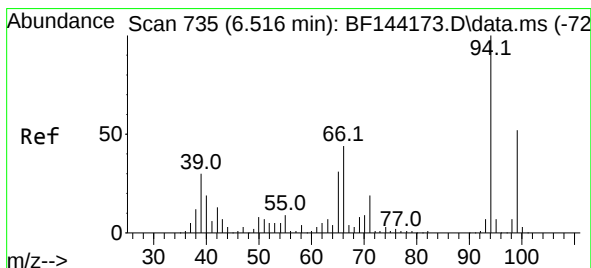
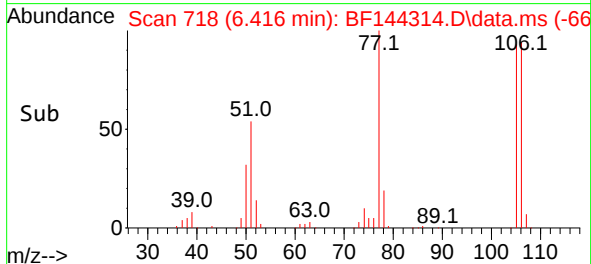
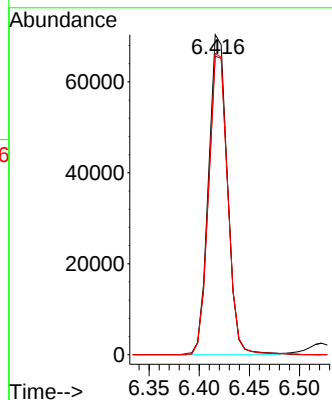
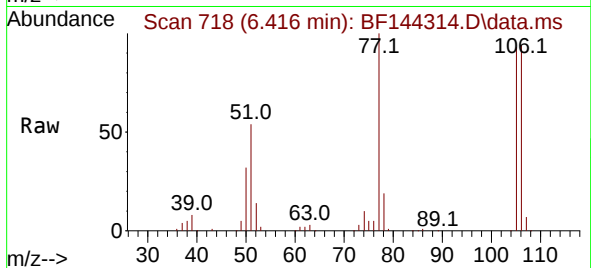




#9
Benzaldehyde
Concen: 35.447 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

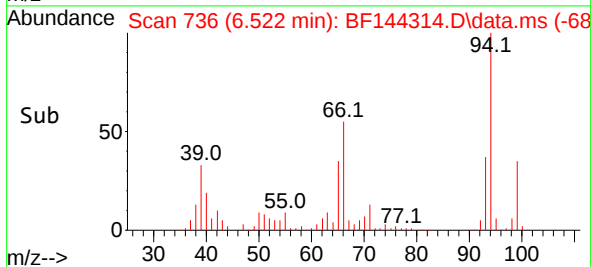
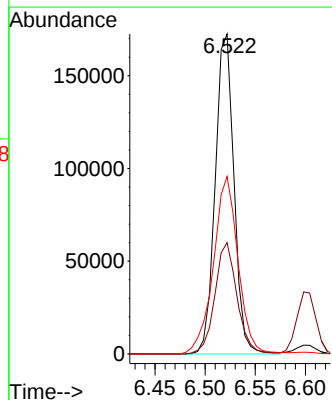
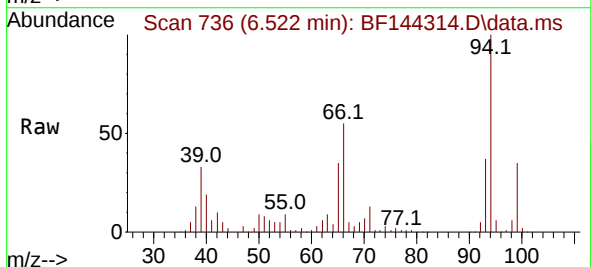
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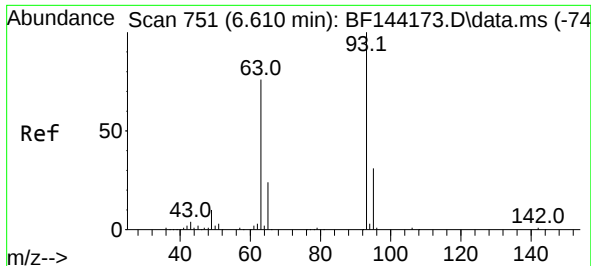
Tgt Ion: 77 Resp: 92368
Ion Ratio Lower Upper
77 100
105 93.3 77.2 117.2
106 94.1 72.2 112.2



#10
Phenol
Concen: 39.782 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.012 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion: 94 Resp: 224294
Ion Ratio Lower Upper
94 100
65 34.8 10.8 50.8
66 55.5 24.3 64.3

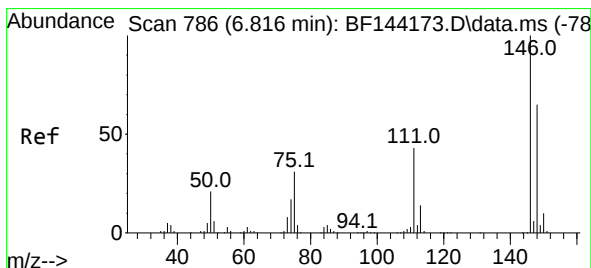
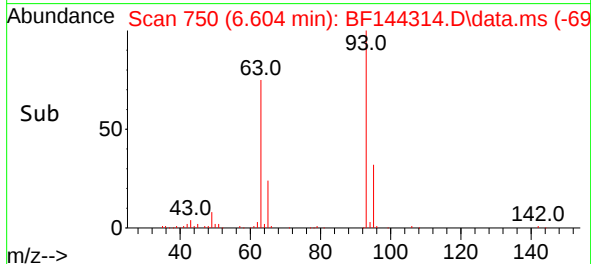
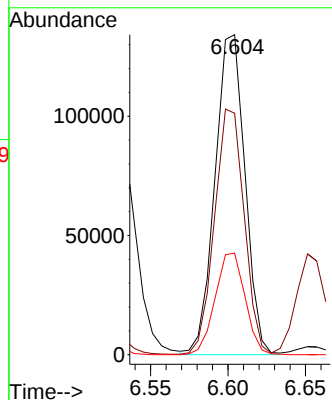
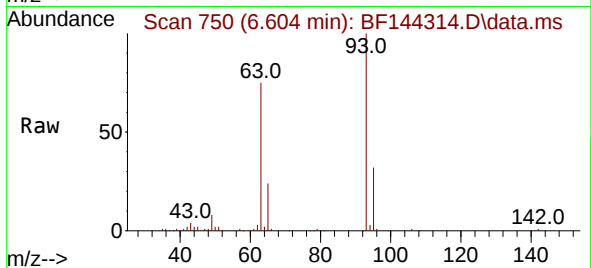




#11
bis(2-Chloroethyl)ether
Concen: 44.075 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

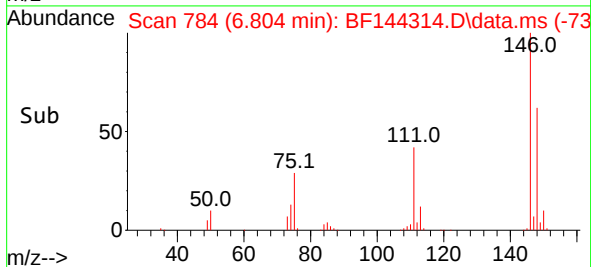
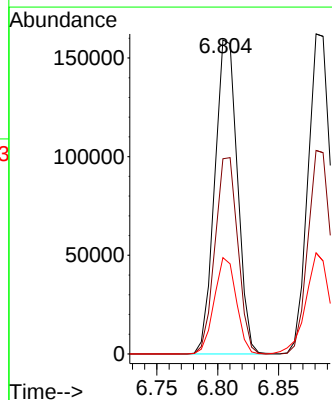
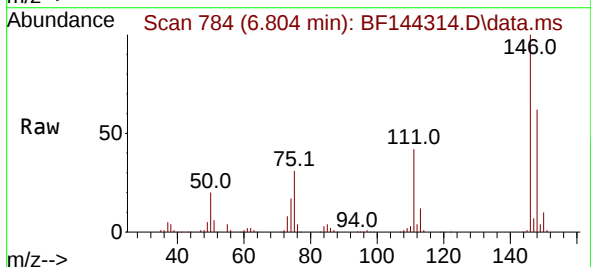
Instrument :
BNA_F
ClientSampleId :
PB170692BS

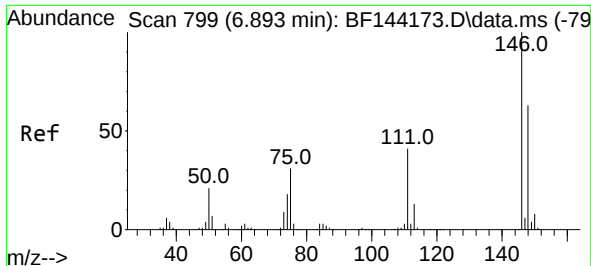
Tgt Ion: 93 Resp: 181073
Ion Ratio Lower Upper
93 100
63 75.5 55.2 95.2
95 31.7 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 41.929 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion:146 Resp: 206646
Ion Ratio Lower Upper
146 100
148 62.1 51.8 77.8
75 30.7 25.0 37.4

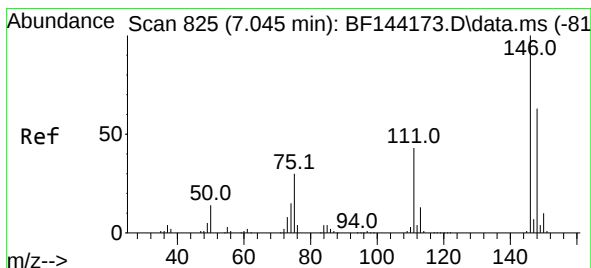
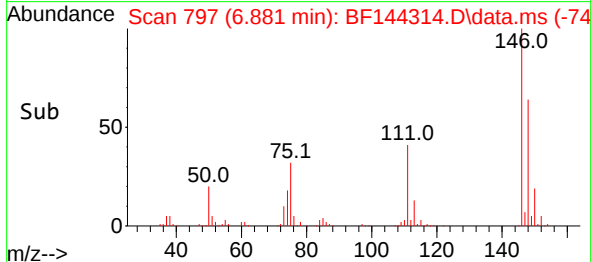
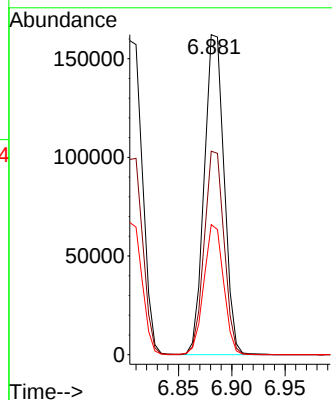
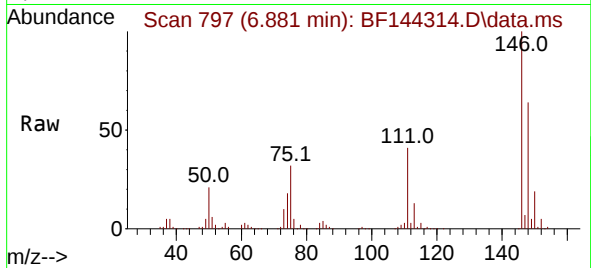




#13
1,4-Dichlorobenzene
Concen: 42.743 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

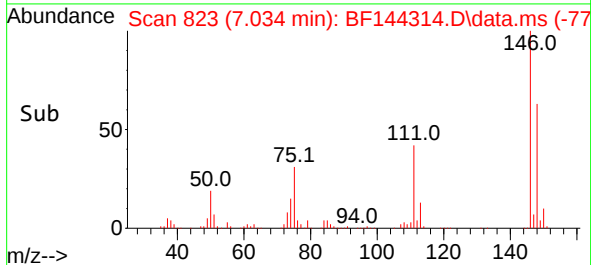
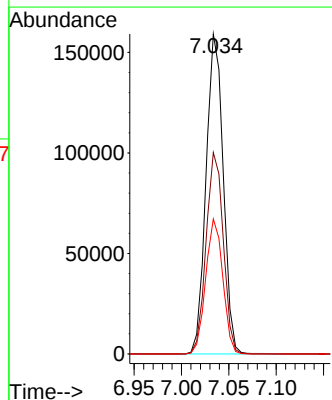
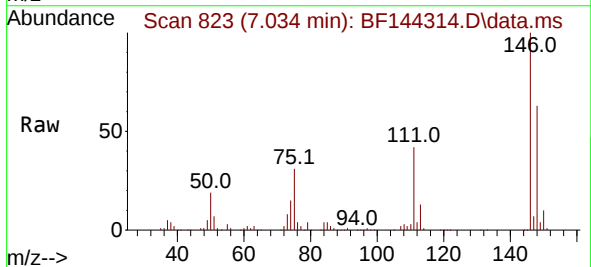
Instrument :
BNA_F
ClientSampleId :
PB170692BS

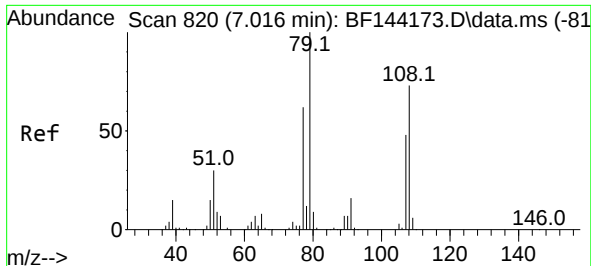
Tgt Ion:146 Resp: 211046
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.2
111 40.7 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 42.390 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion:146 Resp: 200616
Ion Ratio Lower Upper
146 100
148 62.9 50.7 76.1
111 42.2 34.2 51.4

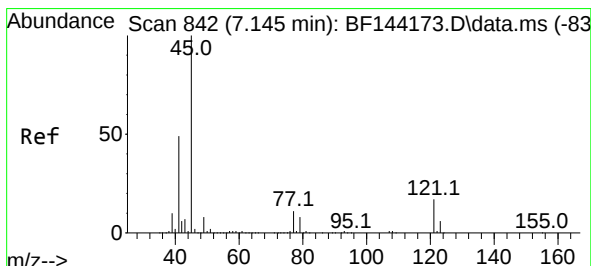
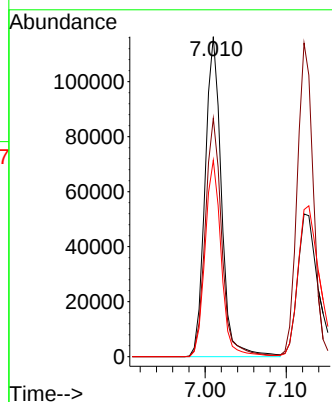
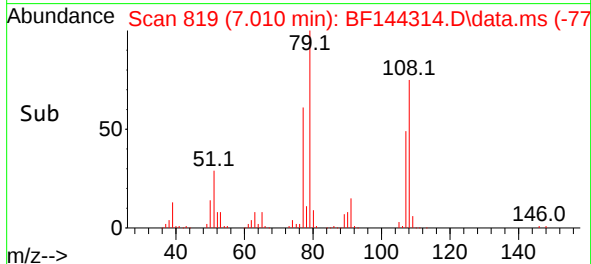
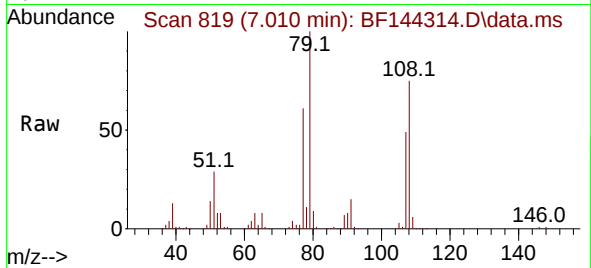




#15
Benzyl Alcohol
Concen: 44.521 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

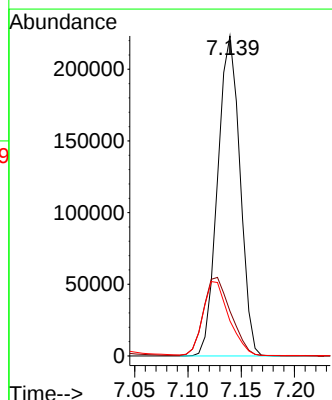
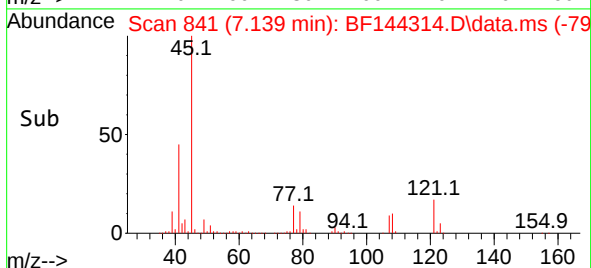
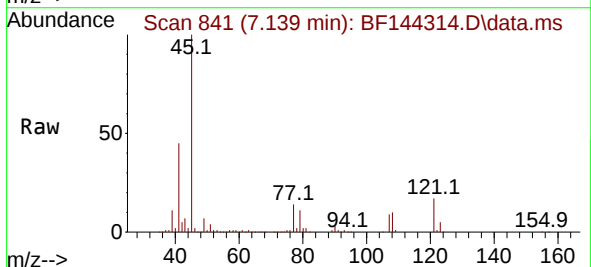
Instrument :
BNA_F
ClientSampleId :
PB170692BS

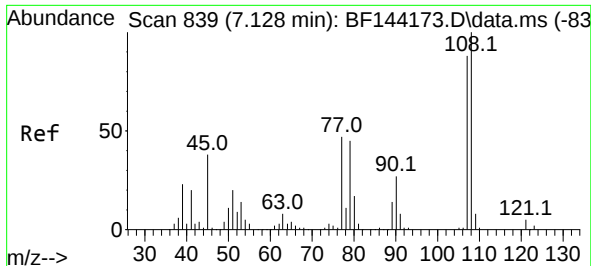
Tgt Ion: 79 Resp: 162682
Ion Ratio Lower Upper
79 100
108 74.5 58.2 87.4
77 61.4 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.960 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion: 45 Resp: 325017
Ion Ratio Lower Upper
45 100
77 14.0 0.0 31.8
79 10.9 0.0 29.1

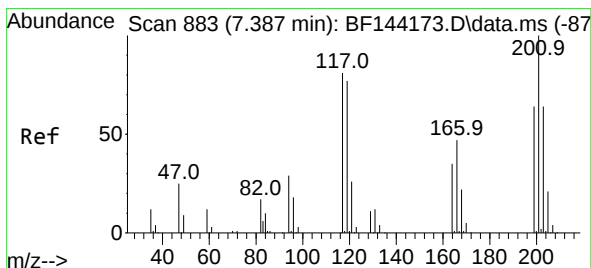
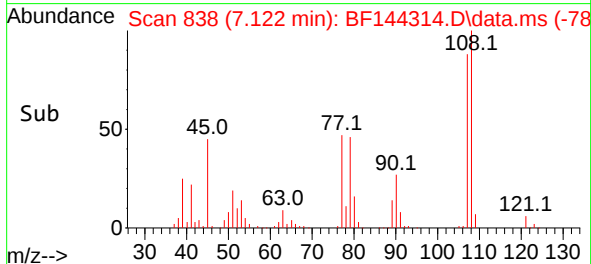
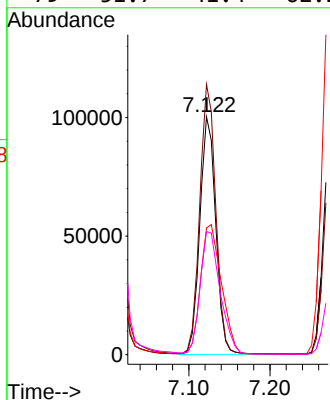
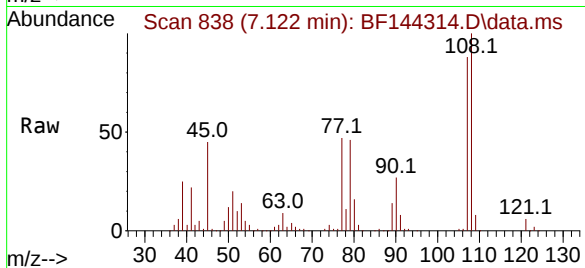




#17
2-Methylphenol
Concen: 43.035 ng
RT: 7.122 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

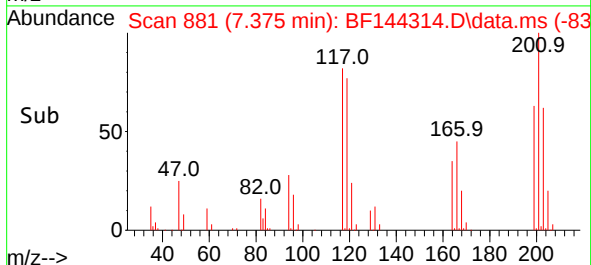
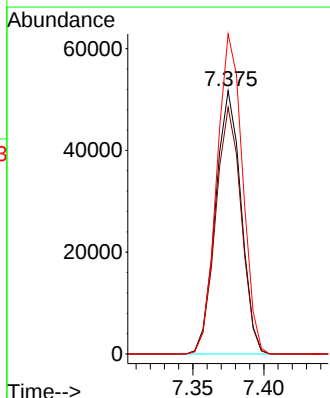
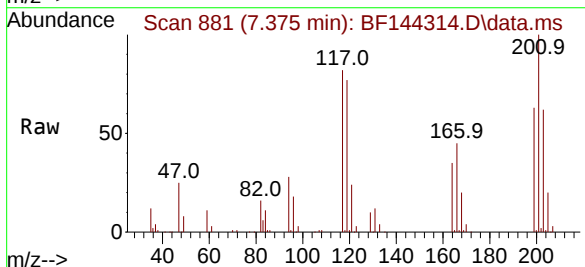
Instrument :
BNA_F
ClientSampleId :
PB170692BS

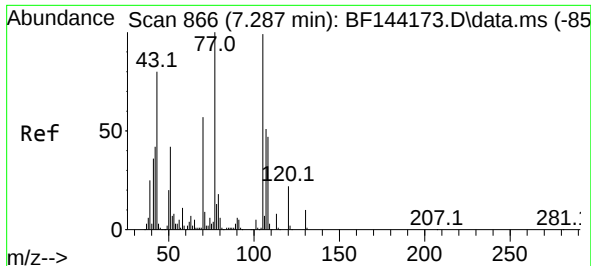
Tgt Ion:107 Resp: 136739
Ion Ratio Lower Upper
107 100
108 113.6 91.0 136.4
77 53.3 42.7 64.1
79 51.7 41.4 62.2



#18
Hexachloroethane
Concen: 39.335 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion:117 Resp: 64526
Ion Ratio Lower Upper
117 100
119 93.7 75.8 113.8
201 121.6 98.9 148.3





#19

n-Nitroso-di-n-propylamine

Concen: 41.318 ng

RT: 7.281 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

Instrument :

BNA_F

ClientSampleId :

PB170692BS

Tgt Ion: 70 Resp: 125517

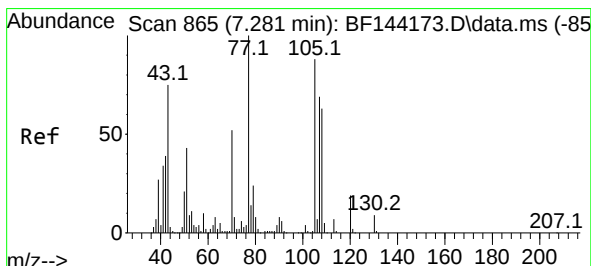
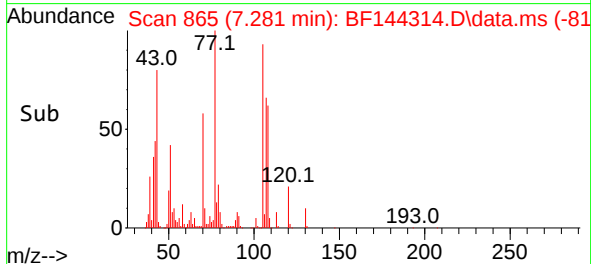
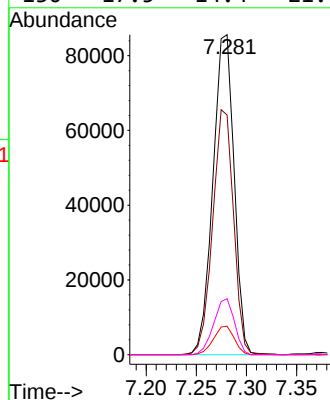
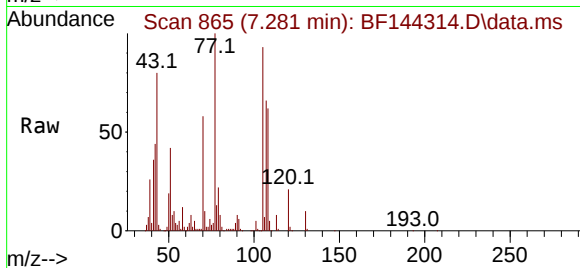
Ion Ratio Lower Upper

70 100

42 74.9 58.3 87.5

101 8.9 7.0 10.6

130 17.5 14.4 21.6



#20

3+4-Methylphenols

Concen: 41.583 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

Tgt Ion:107 Resp: 155750

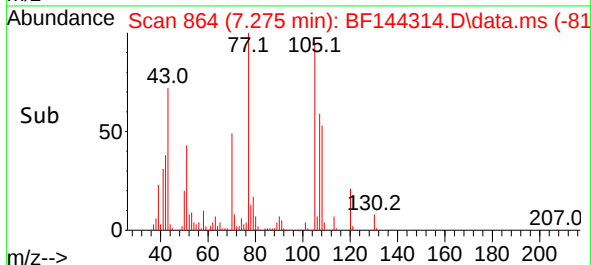
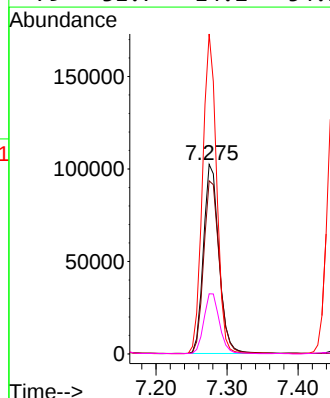
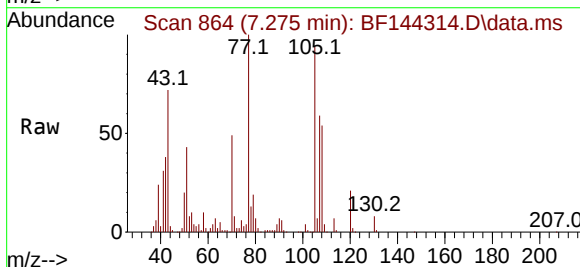
Ion Ratio Lower Upper

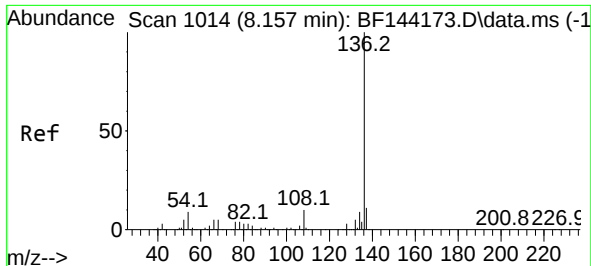
107 100

108 91.3 70.2 110.2

77 168.8 123.9 163.9#

79 31.7 14.2 54.2

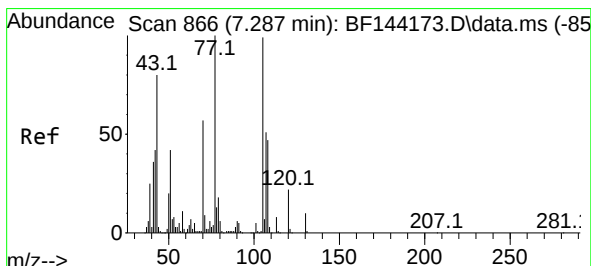
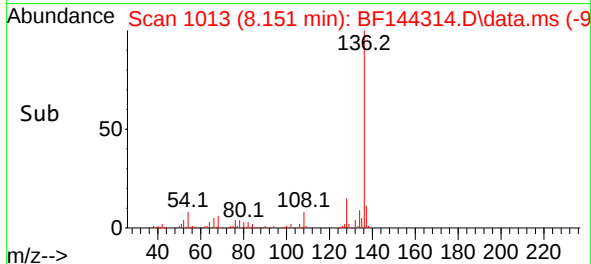
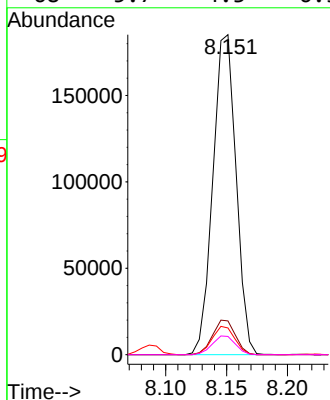
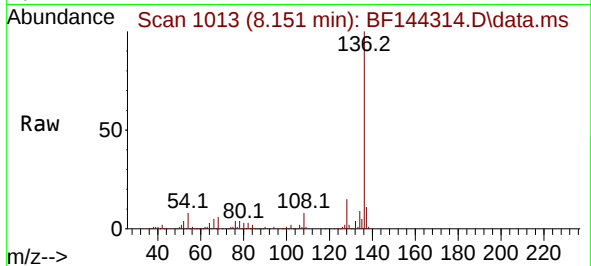




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

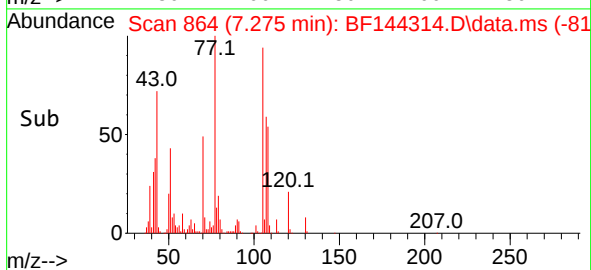
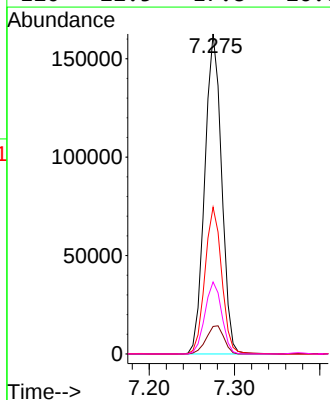
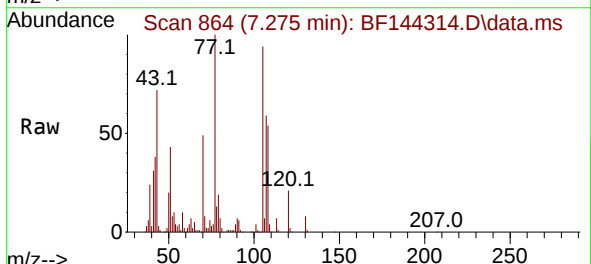
Instrument :
BNA_F
ClientSampleId :
PB170692BS

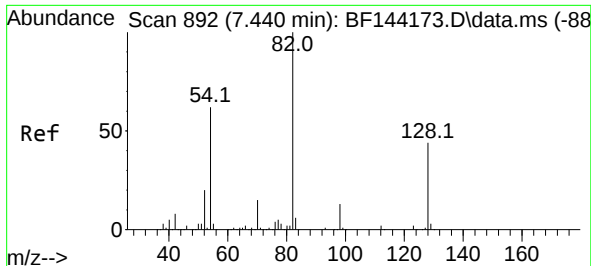
Tgt Ion:	136	Resp:	245497
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	13.0
54	8.4	7.0	10.6
68	5.7	4.3	6.5



#22
Acetophenone
Concen: 42.505 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion:	105	Resp:	223849
Ion Ratio	Lower	Upper	
105	100		
71	8.6	7.2	10.8
51	45.8	34.0	51.0
120	22.5	17.8	26.6





#23

Nitrobenzene-d5

Concen: 76.304 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

Instrument :

BNA_F

ClientSampleId :

PB170692BS

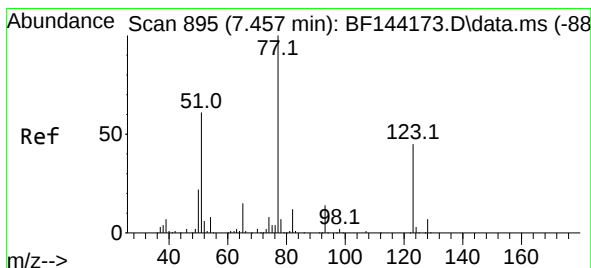
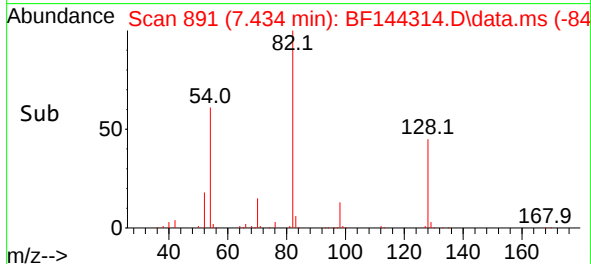
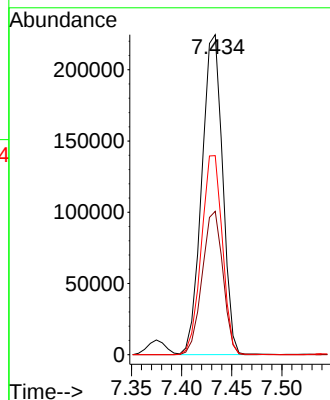
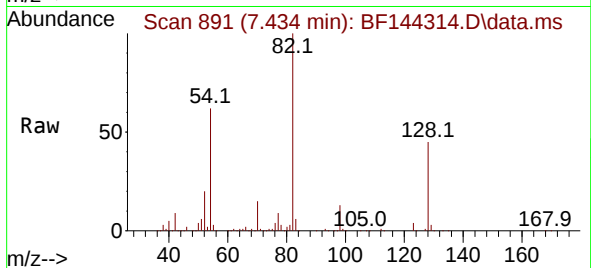
Tgt Ion: 82 Resp: 324342

Ion Ratio Lower Upper

82 100

128 44.8 34.7 52.1

54 62.2 49.5 74.3



#24

Nitrobenzene

Concen: 40.654 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

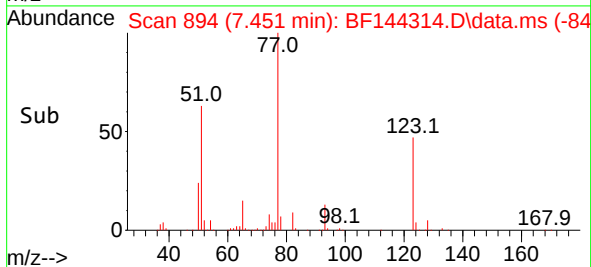
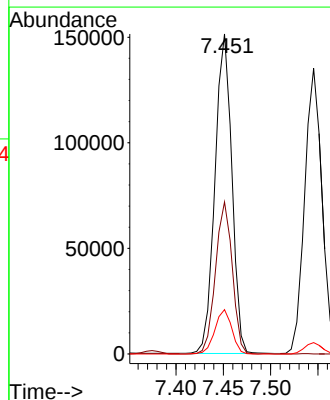
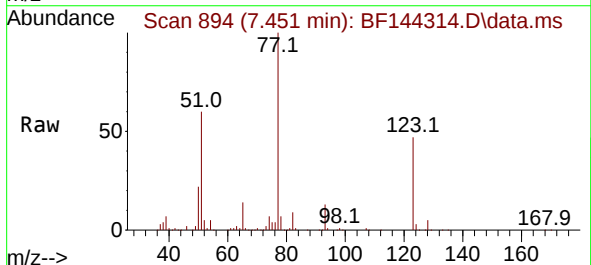
Tgt Ion: 77 Resp: 187627

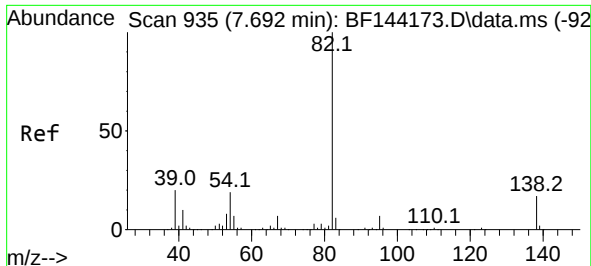
Ion Ratio Lower Upper

77 100

123 47.5 35.8 53.8

65 13.8 12.2 18.2

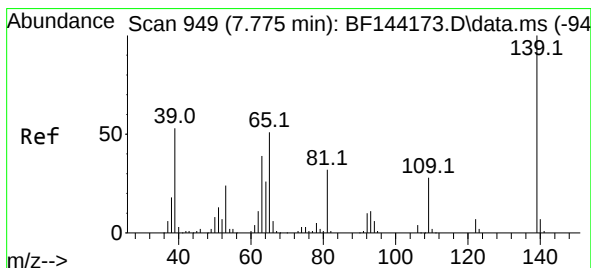
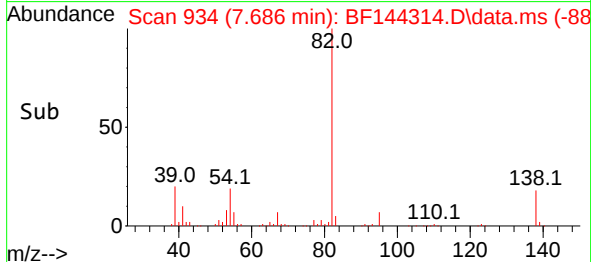
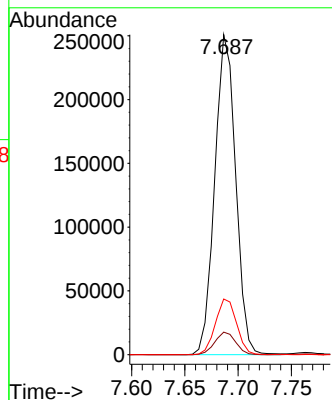
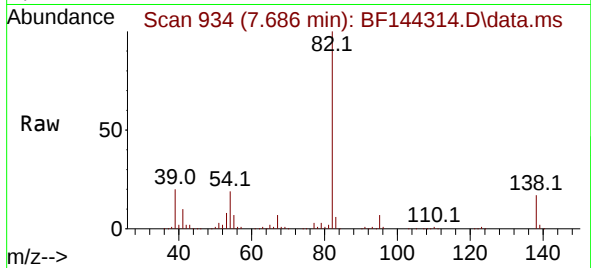




#25
Isophorone
Concen: 42.599 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

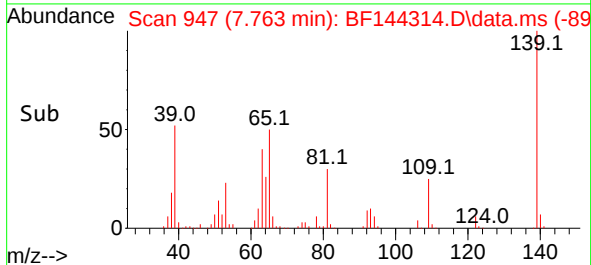
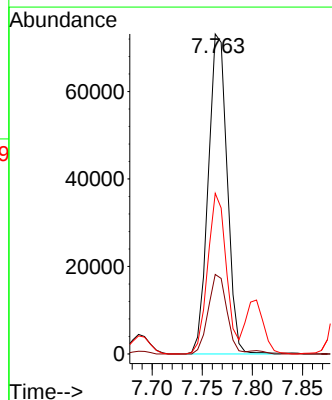
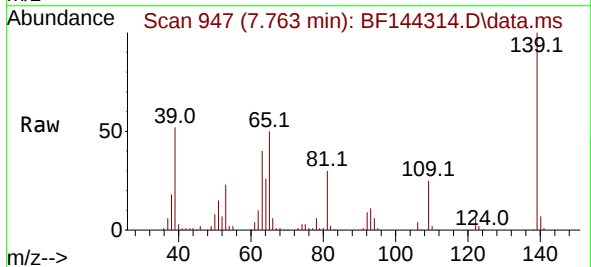
Instrument :
BNA_F
ClientSampleId :
PB170692BS

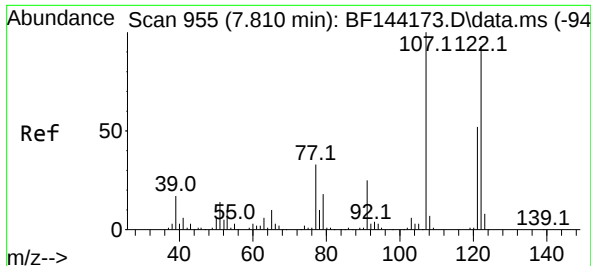
Tgt Ion: 82 Resp: 342501
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.4 13.7 20.5



#26
2-Nitrophenol
Concen: 42.105 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion: 139 Resp: 96195
Ion Ratio Lower Upper
139 100
109 24.9 22.2 33.2
65 50.2 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 46.547 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

Instrument :

BNA_F

ClientSampleId :

PB170692BS

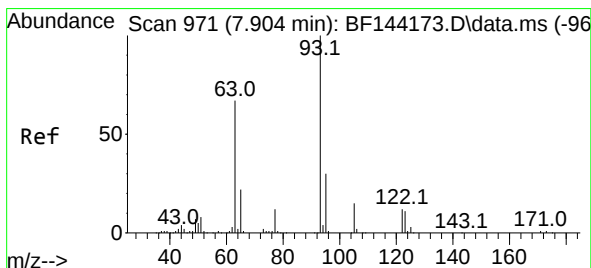
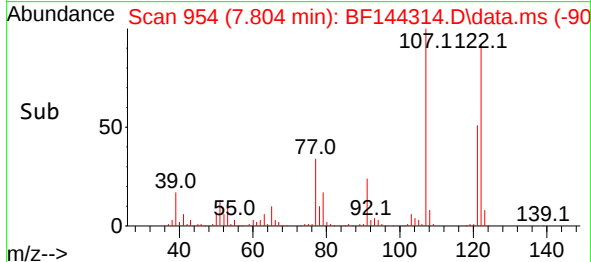
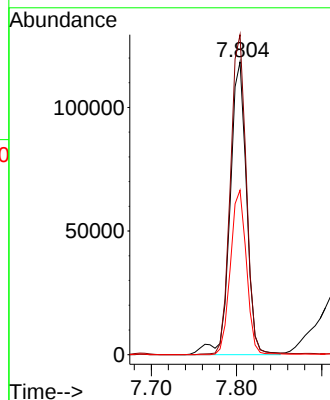
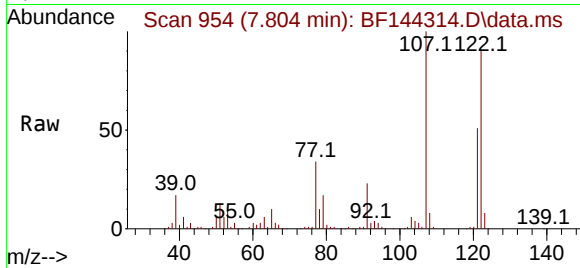
Tgt Ion:122 Resp: 159389

Ion Ratio Lower Upper

122 100

107 109.3 86.2 129.4

121 56.2 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 41.738 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

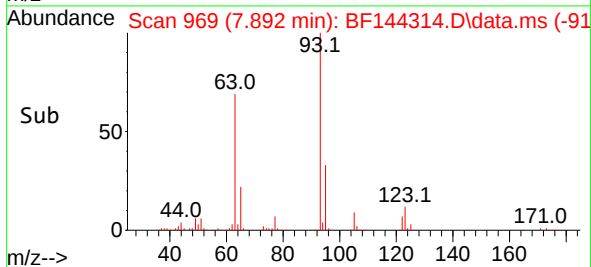
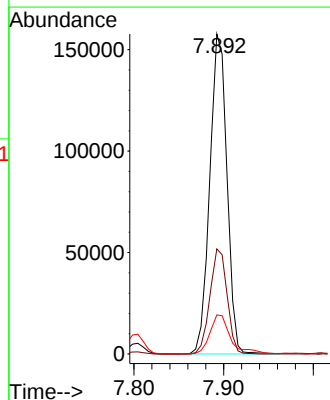
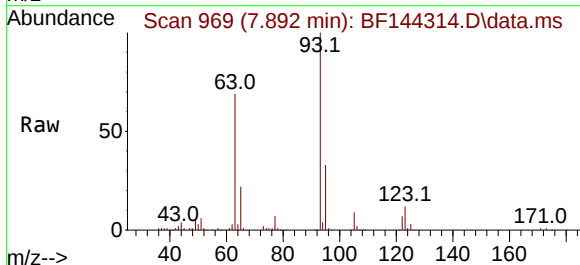
Tgt Ion: 93 Resp: 209559

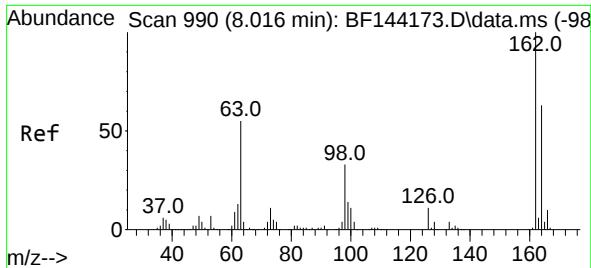
Ion Ratio Lower Upper

93 100

95 32.8 24.2 36.4

123 12.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 40.308 ng

RT: 8.010 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

Instrument :

BNA_F

ClientSampleId :

PB170692BS

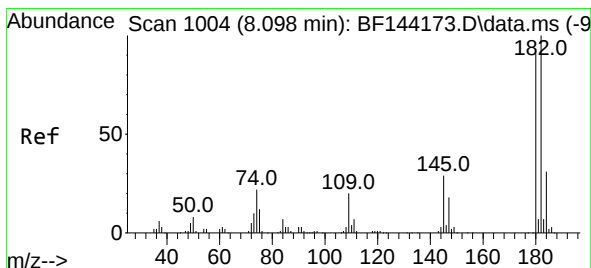
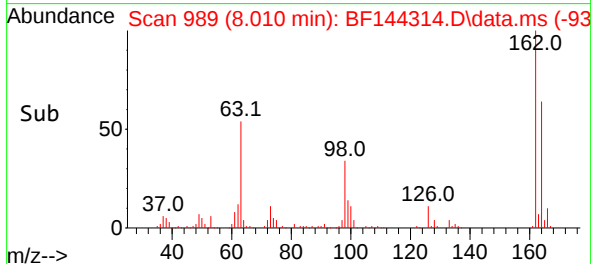
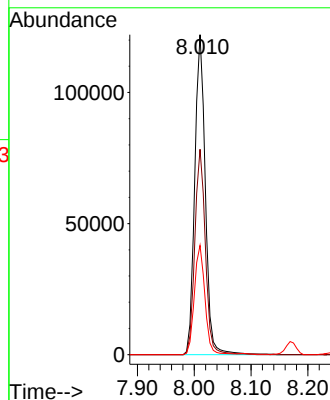
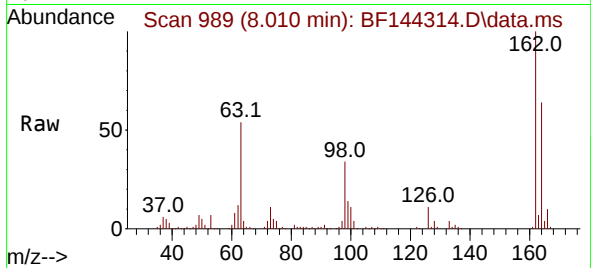
Tgt Ion:162 Resp: 159085

Ion Ratio Lower Upper

162 100

164 64.2 42.9 82.9

98 34.2 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 41.420 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

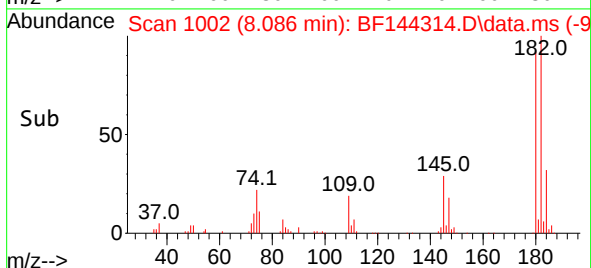
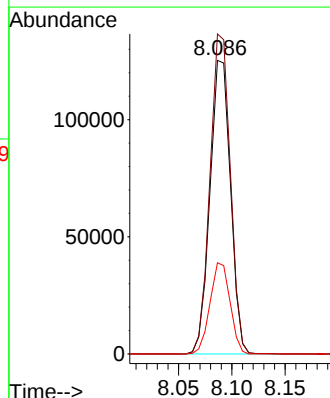
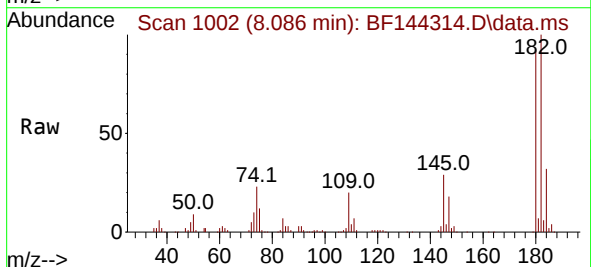
Tgt Ion:180 Resp: 167860

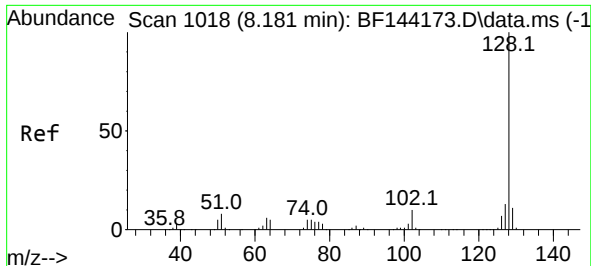
Ion Ratio Lower Upper

180 100

182 109.0 87.7 131.5

145 31.1 25.4 38.0

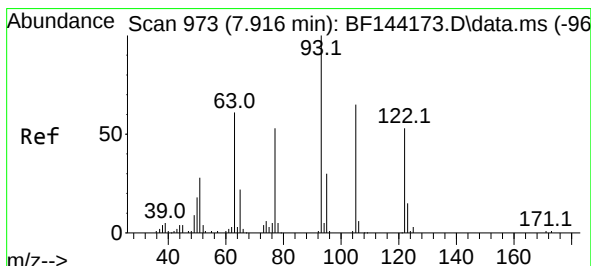
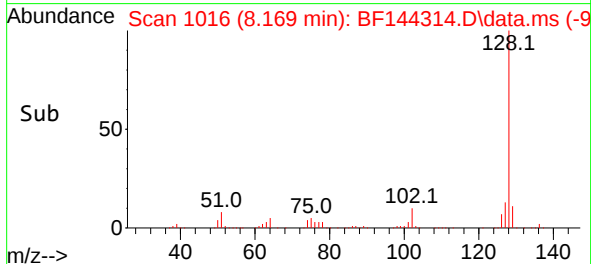
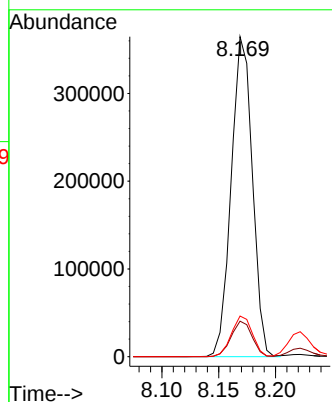
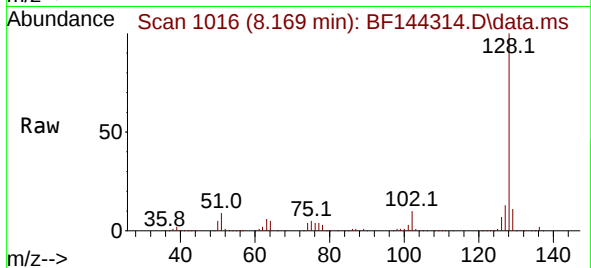




#31
Naphthalene
Concen: 40.365 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

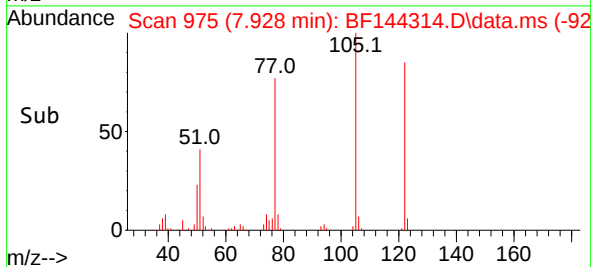
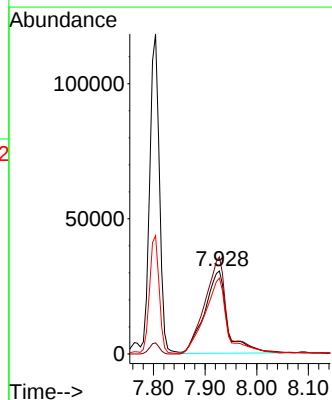
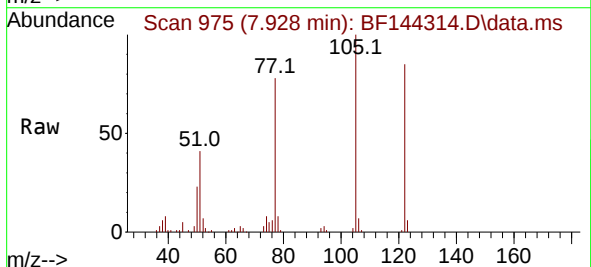
Instrument :
BNA_F
ClientSampleId :
PB170692BS

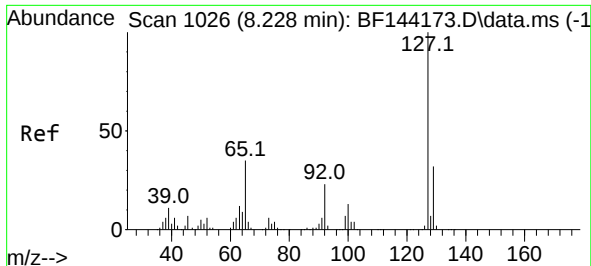
Tgt Ion:128 Resp: 471383
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.7 10.3 15.5



#32
Benzoic acid
Concen: 36.979 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.024 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion:122 Resp: 92819
Ion Ratio Lower Upper
122 100
105 117.1 99.9 139.9
77 91.3 77.5 117.5

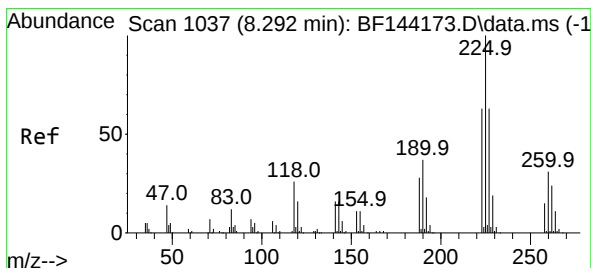
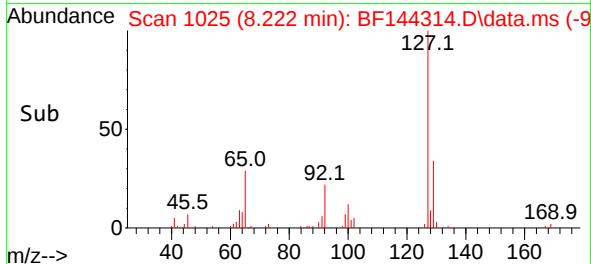
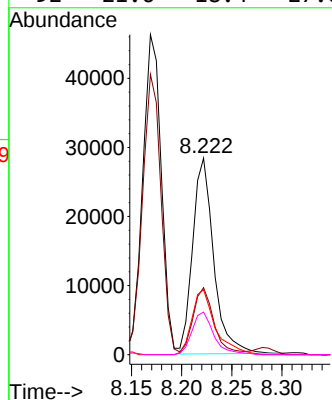
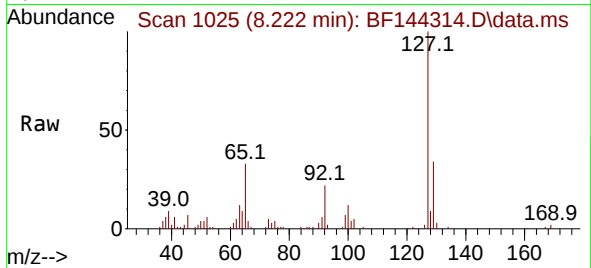




#33
4-Chloroaniline
Concen: 9.692 ng
RT: 8.222 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

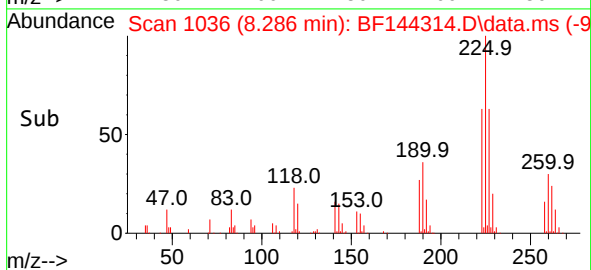
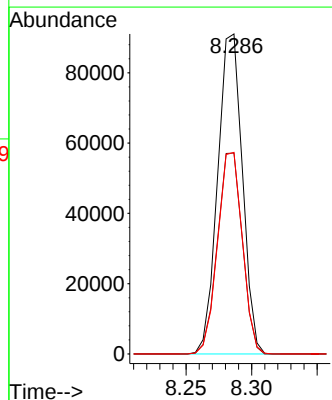
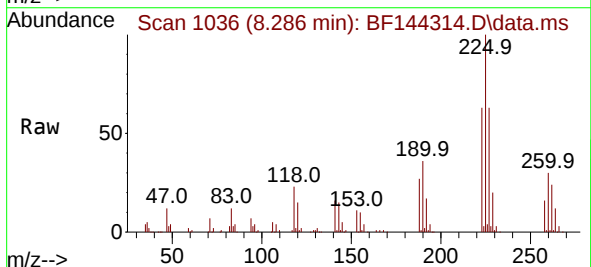
Instrument :
BNA_F
ClientSampleId :
PB170692BS

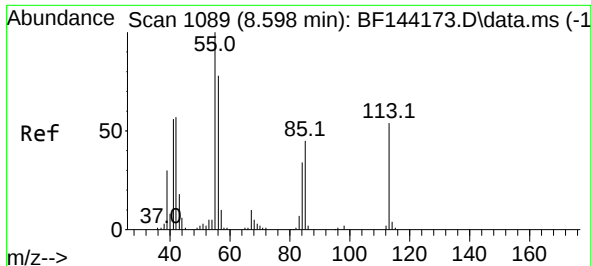
Tgt Ion:	127	Resp:	41281
Ion	Ratio	Lower	Upper
127	100		
129	34.1	25.3	37.9
65	33.0	27.6	41.4
92	21.6	18.4	27.6



#34
Hexachlorobutadiene
Concen: 39.053 ng
RT: 8.286 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion:	225	Resp:	119279
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.4
227	63.0	50.1	75.1

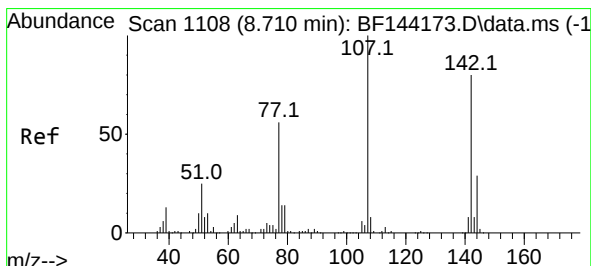
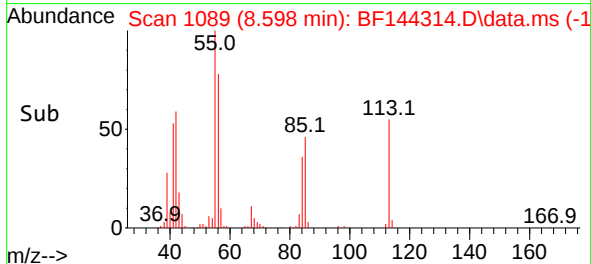
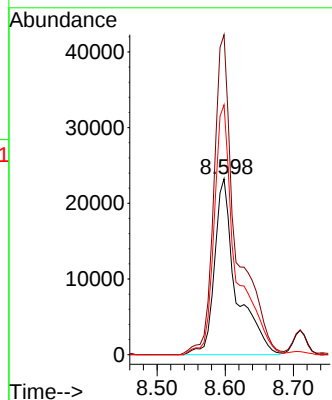
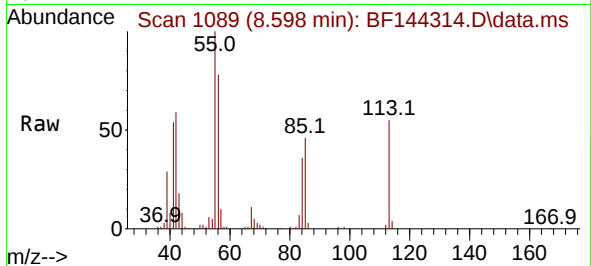




#35
 Caprolactam
 Concen: 47.657 ng
 RT: 8.598 min Scan# 1089
 Delta R.T. -0.024 min
 Lab File: BF144314.D
 Acq: 21 Nov 2025 18:19

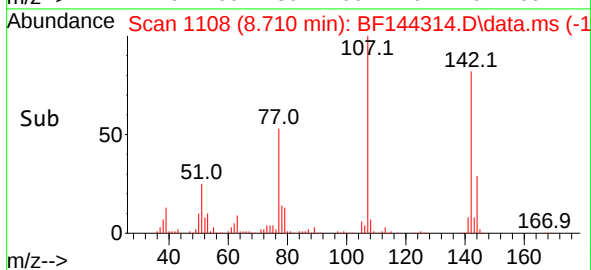
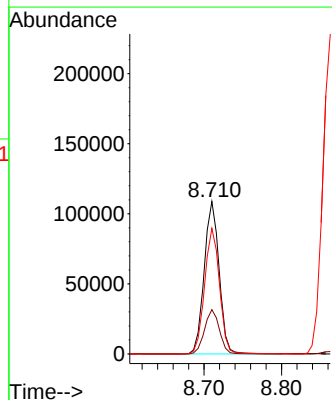
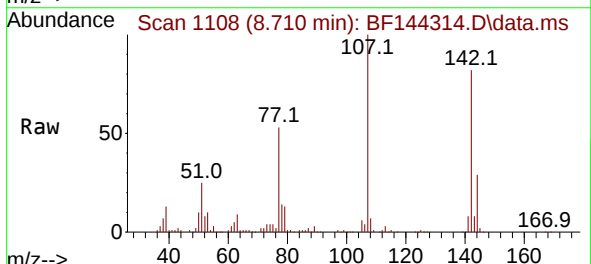
Instrument :
 BNA_F
 ClientSampleId :
 PB170692BS

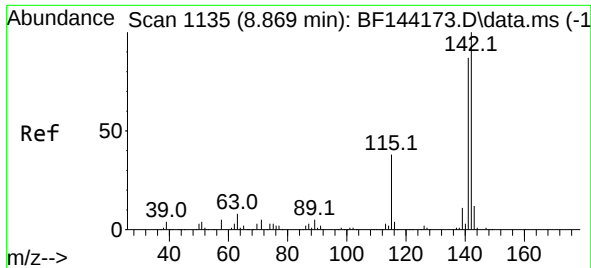
Tgt Ion:113 Resp: 51530
 Ion Ratio Lower Upper
 113 100
 55 182.0 166.8 206.8
 56 142.1 125.9 165.9



#36
 4-Chloro-3-methylphenol
 Concen: 41.273 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. 0.006 min
 Lab File: BF144314.D
 Acq: 21 Nov 2025 18:19

Tgt Ion:107 Resp: 145984
 Ion Ratio Lower Upper
 107 100
 144 29.0 23.3 34.9
 142 82.4 63.8 95.6

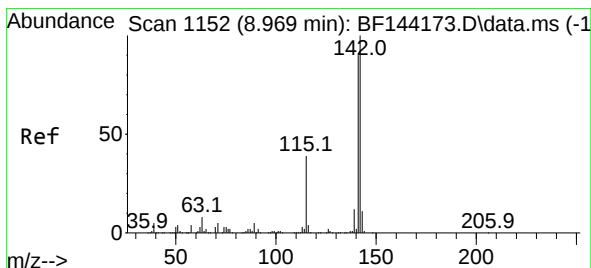
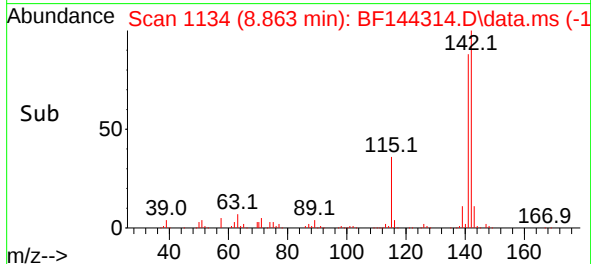
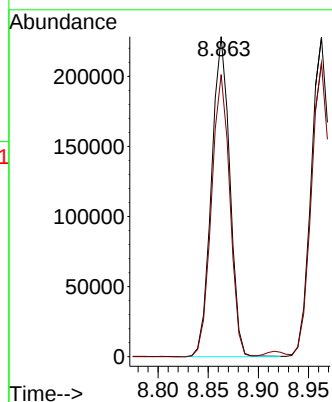
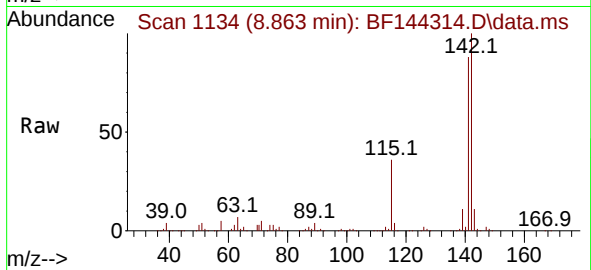




#37
2-Methylnaphthalene
Concen: 37.116 ng
RT: 8.863 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

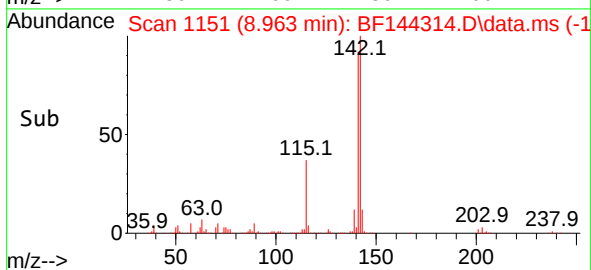
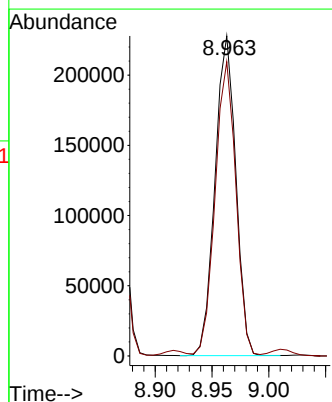
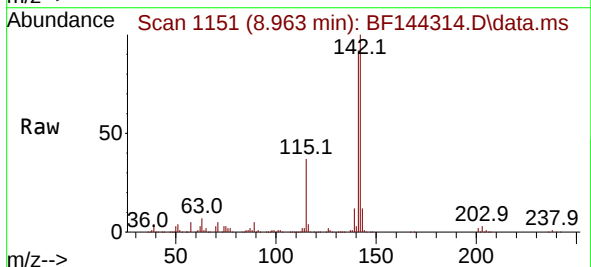
Instrument :
BNA_F
ClientSampleId :
PB170692BS

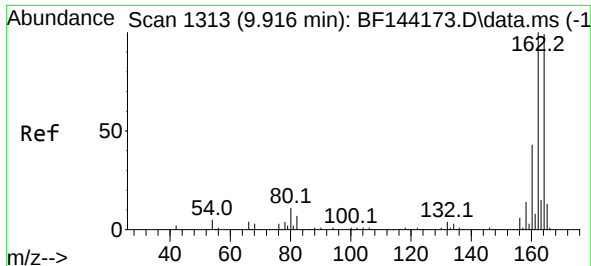
Tgt Ion:142 Resp: 289799
Ion Ratio Lower Upper
142 100
141 88.2 69.9 104.9



#38
1-Methylnaphthalene
Concen: 38.526 ng
RT: 8.963 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion:142 Resp: 290242
Ion Ratio Lower Upper
142 100
141 92.0 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

Instrument :

BNA_F

ClientSampleId :

PB170692BS

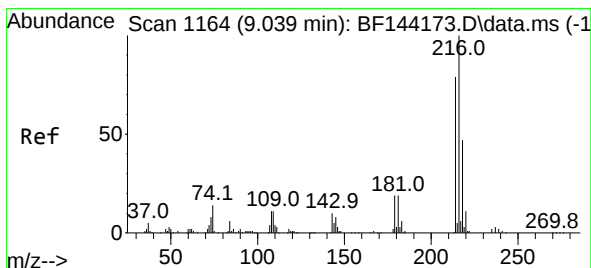
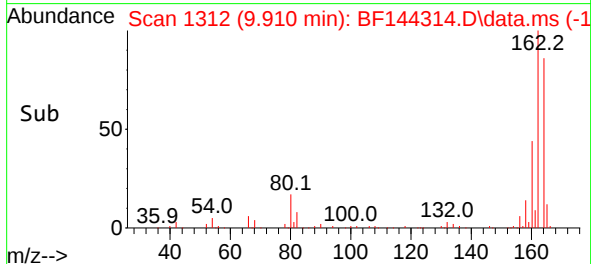
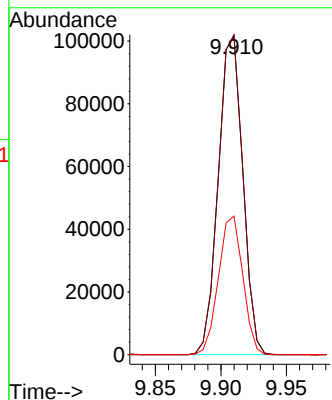
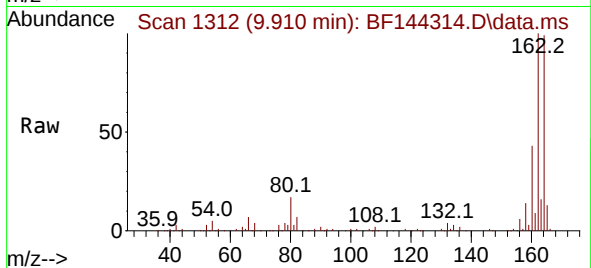
Tgt Ion:164 Resp: 132208

Ion Ratio Lower Upper

164 100

162 100.5 81.1 121.7

160 43.5 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.019 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

Tgt Ion:216 Resp: 173399

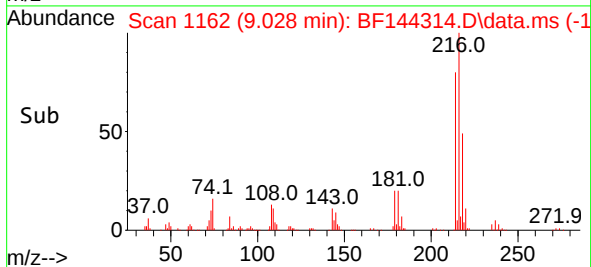
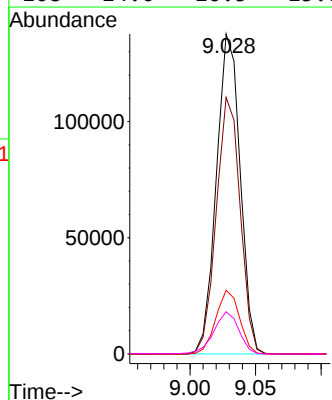
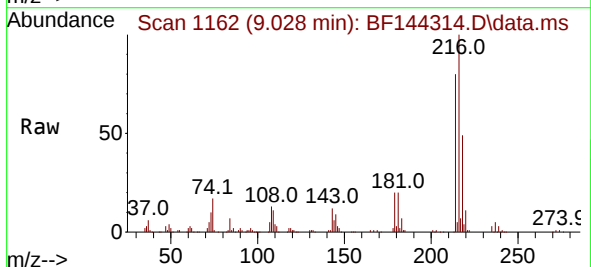
Ion Ratio Lower Upper

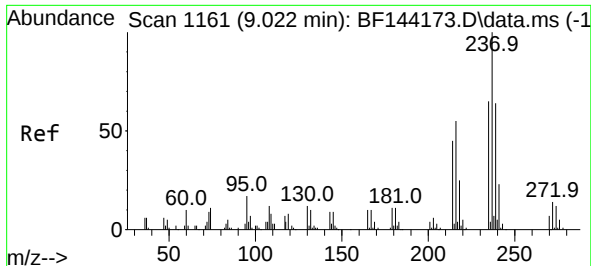
216 100

214 80.5 63.4 95.2

179 19.8 15.0 22.4

108 14.0 10.5 15.7

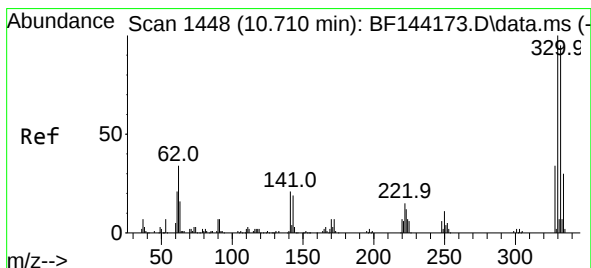
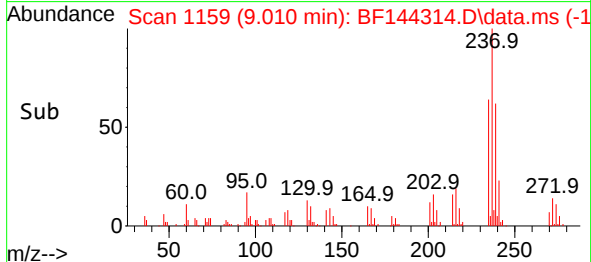
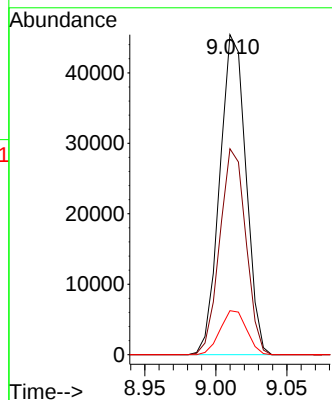
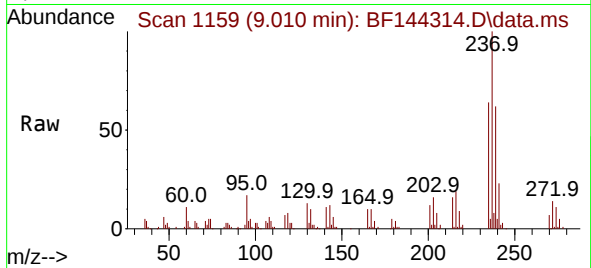




#41
Hexachlorocyclopentadiene
Concen: 43.017 ng
RT: 9.010 min Scan# 1159
Delta R.T. -0.018 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

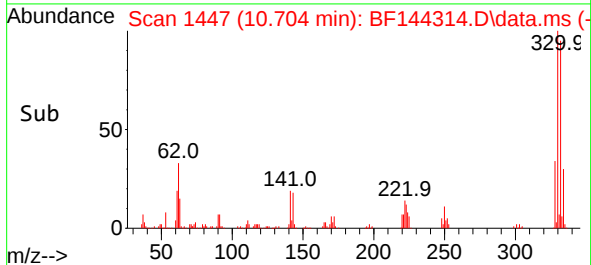
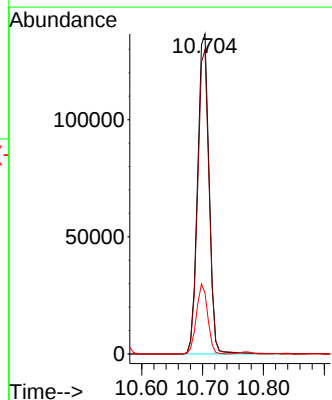
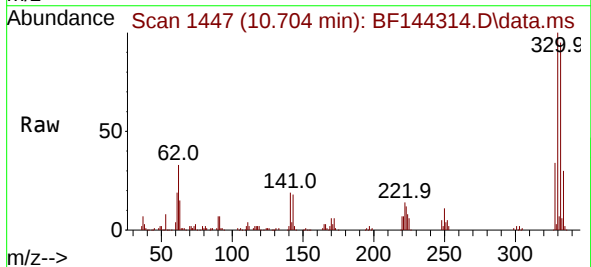
Instrument :
BNA_F
ClientSampleId :
PB170692BS

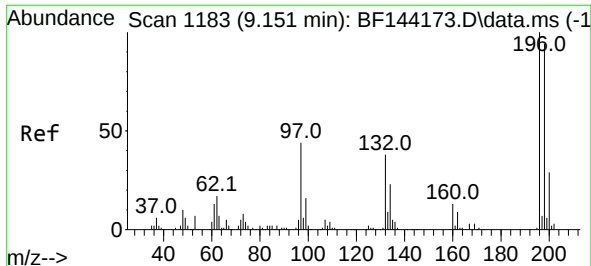
Tgt Ion:237 Resp: 58255
Ion Ratio Lower Upper
237 100
235 64.3 45.5 85.5
272 13.7 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 108.076 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion:330 Resp: 179305
Ion Ratio Lower Upper
330 100
332 94.7 76.7 115.1
141 21.3 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 41.804 ng

RT: 9.145 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

Instrument :

BNA_F

ClientSampleId :

PB170692BS

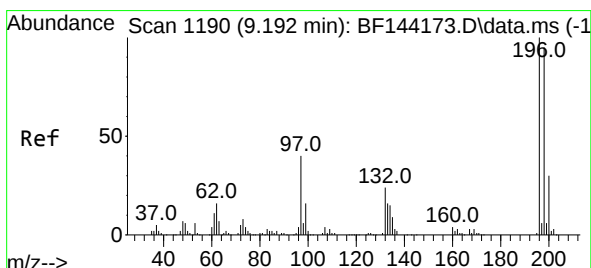
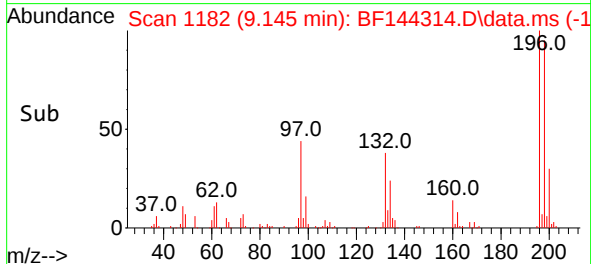
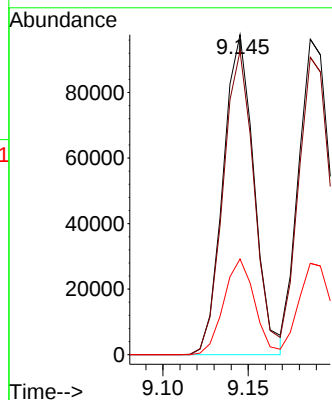
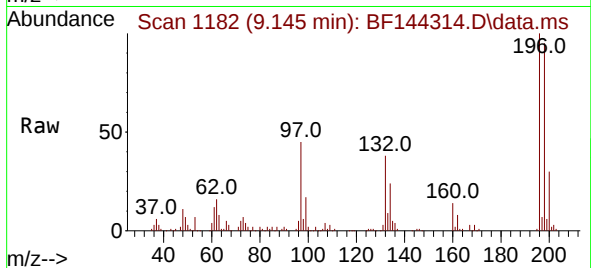
Tgt Ion:196 Resp: 123281

Ion Ratio Lower Upper

196 100

198 94.9 75.3 112.9

200 29.9 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 40.322 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

Tgt Ion:196 Resp: 128160

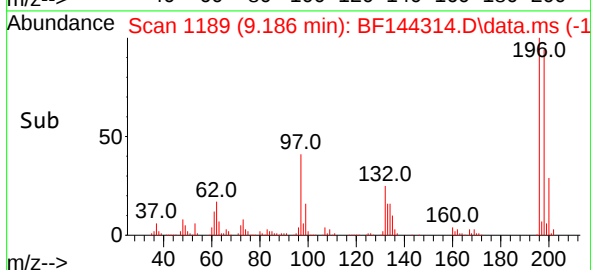
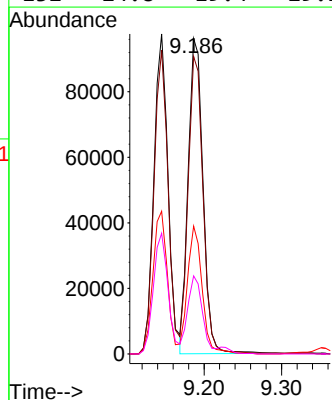
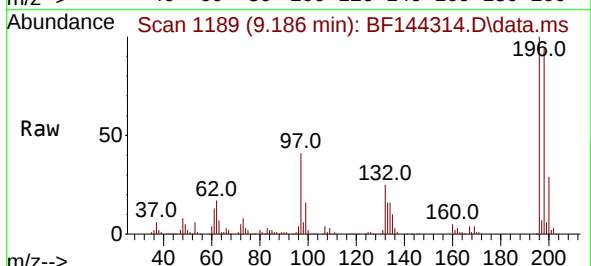
Ion Ratio Lower Upper

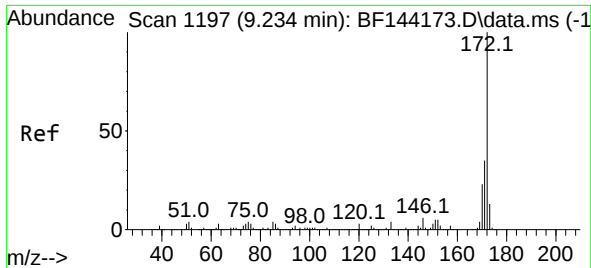
196 100

198 94.3 76.1 114.1

97 40.5 31.9 47.9

132 24.8 19.4 29.2

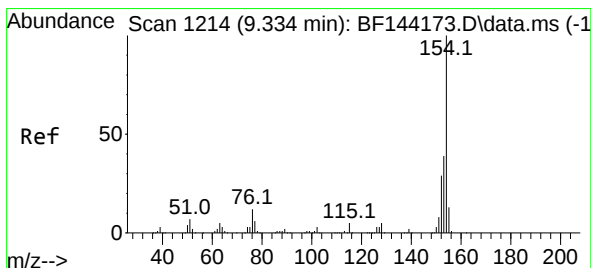
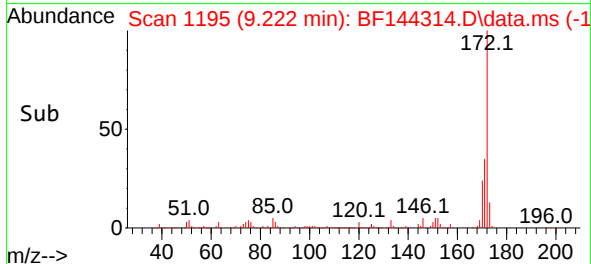
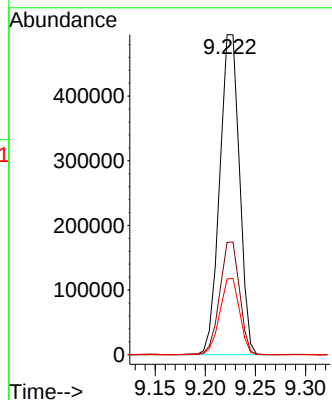
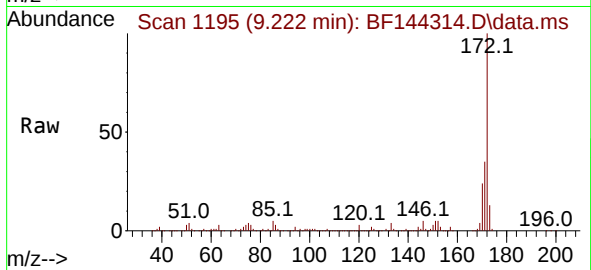




#45
2-Fluorobiphenyl
Concen: 75.809 ng
RT: 9.222 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

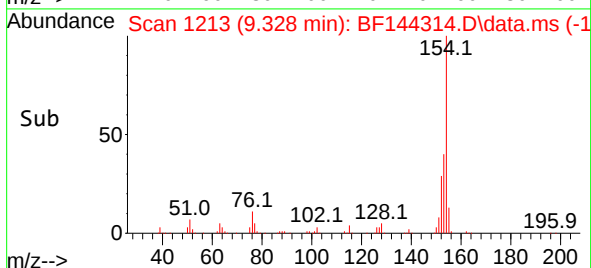
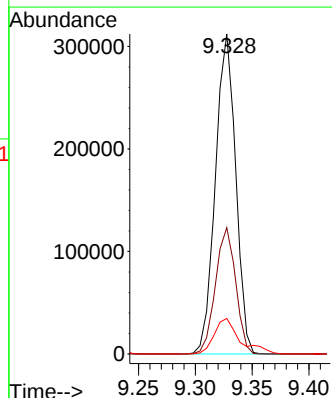
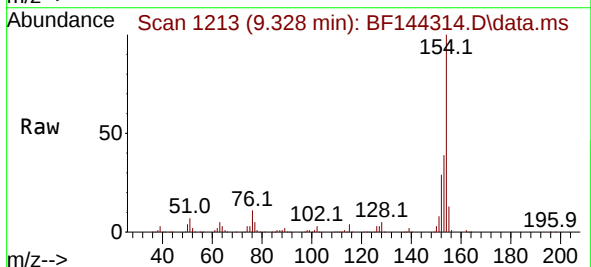
Instrument :
BNA_F
ClientSampleId :
PB170692BS

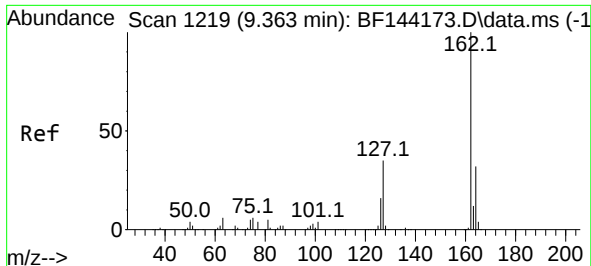
Tgt Ion:172 Resp: 678608
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.7 18.6 28.0



#46
1,1'-Biphenyl
Concen: 42.063 ng
RT: 9.328 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion:154 Resp: 388177
Ion Ratio Lower Upper
154 100
153 39.5 19.2 59.2
76 11.1 0.0 31.8





#47

2-Chloronaphthalene

Concen: 40.462 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

Instrument :

BNA_F

ClientSampleId :

PB170692BS

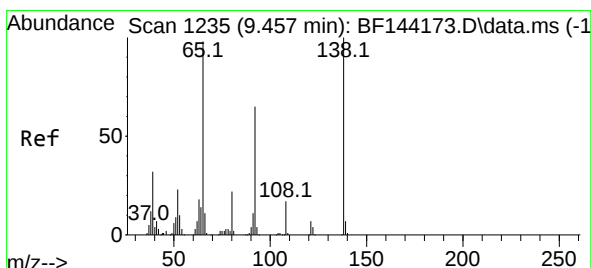
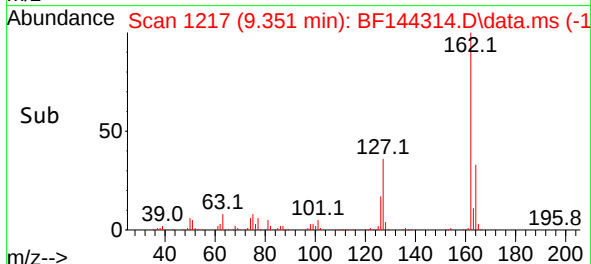
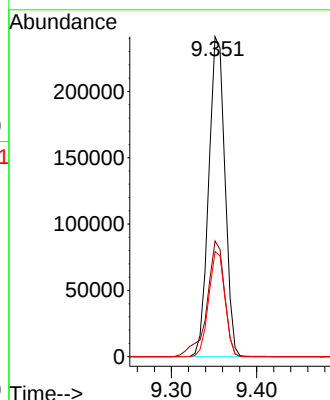
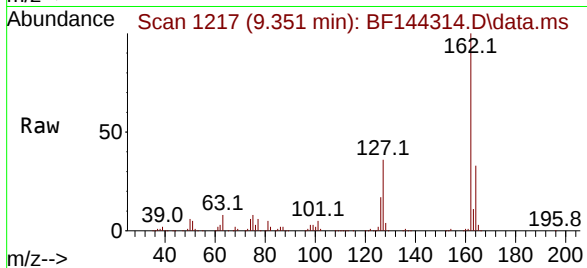
Tgt Ion:162 Resp: 318516

Ion Ratio Lower Upper

162 100

127 36.1 28.8 43.2

164 32.8 25.8 38.8



#48

2-Nitroaniline

Concen: 45.006 ng

RT: 9.451 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

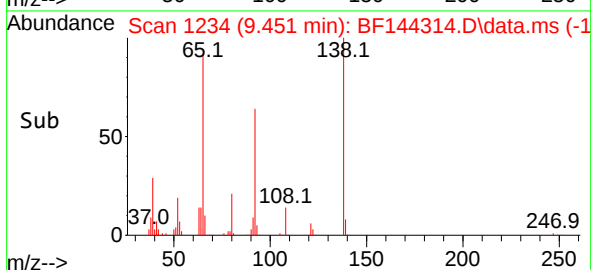
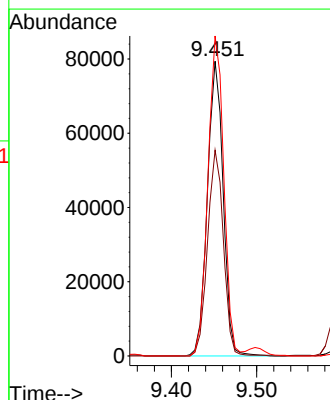
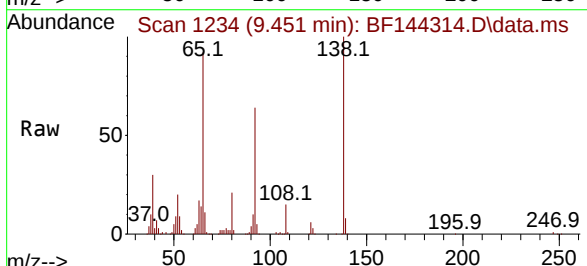
Tgt Ion: 65 Resp: 102223

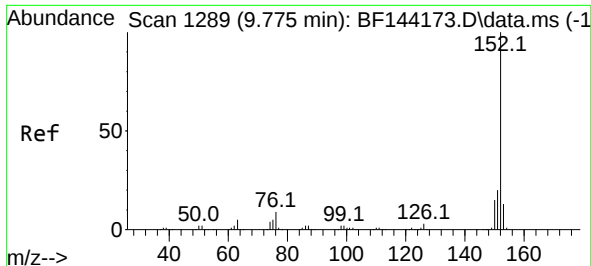
Ion Ratio Lower Upper

65 100

92 69.8 53.0 79.6

138 108.6 81.6 122.4





#49

Acenaphthylene

Concen: 45.746 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

Instrument :

BNA_F

ClientSampleId :

PB170692BS

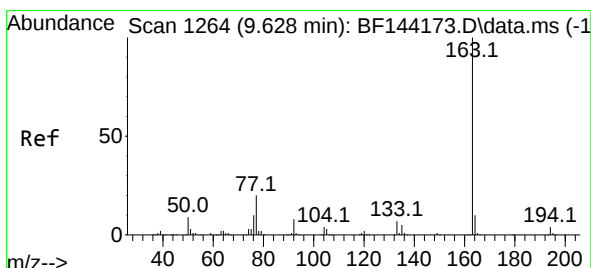
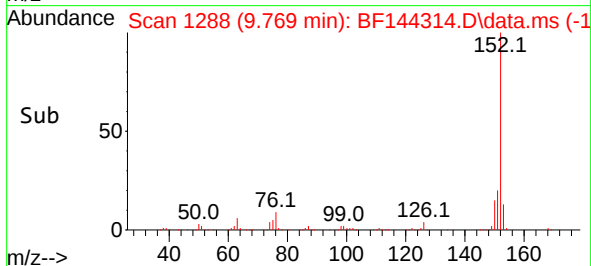
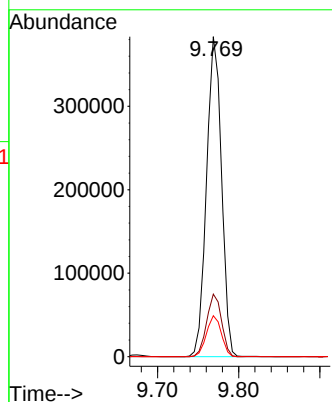
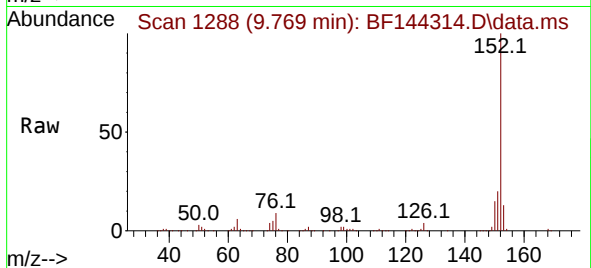
Tgt Ion:152 Resp: 490738

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

153 12.8 10.5 15.7



#50

Dimethylphthalate

Concen: 45.581 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

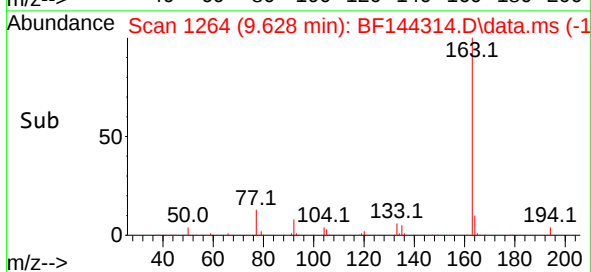
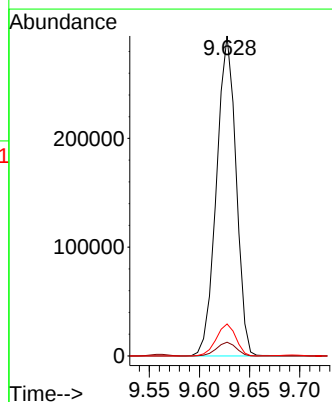
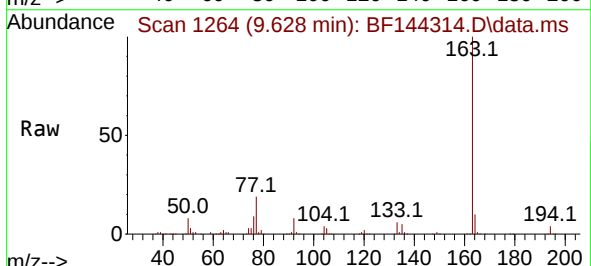
Tgt Ion:163 Resp: 399222

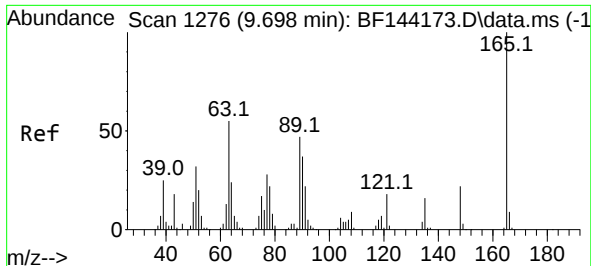
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 45.289 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

Instrument :

BNA_F

ClientSampleId :

PB170692BS

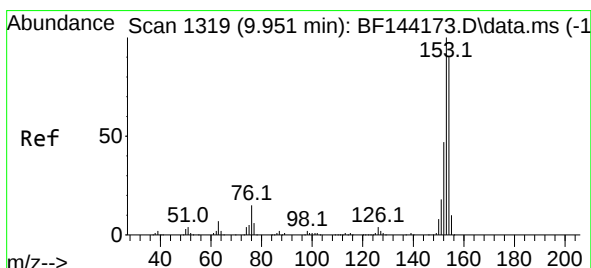
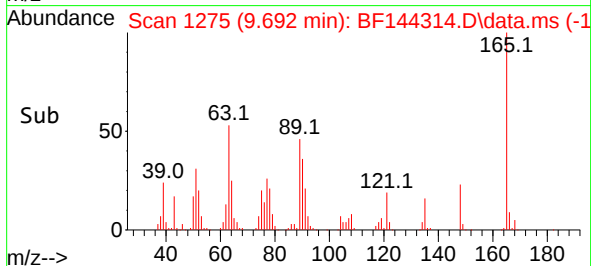
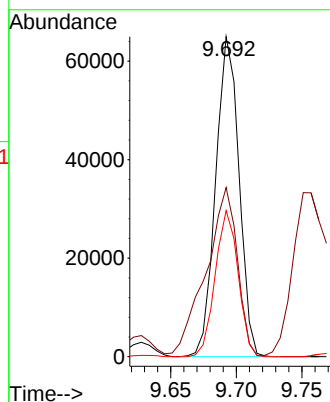
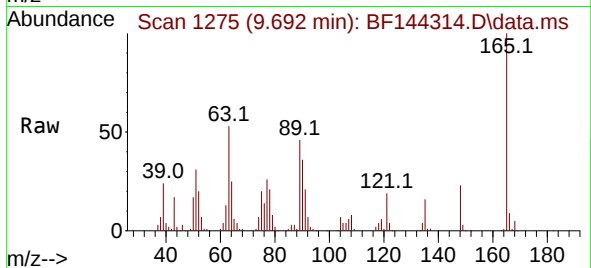
Tgt Ion:165 Resp: 80298

Ion Ratio Lower Upper

165 100

63 52.8 43.8 65.8

89 45.6 37.5 56.3



#52

Acenaphthene

Concen: 37.040 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

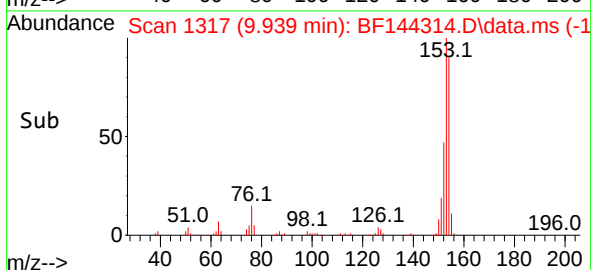
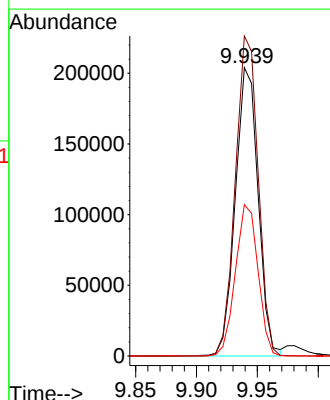
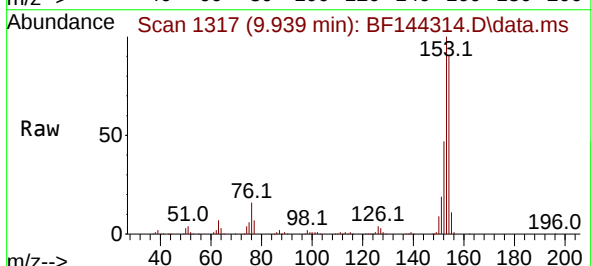
Tgt Ion:154 Resp: 265713

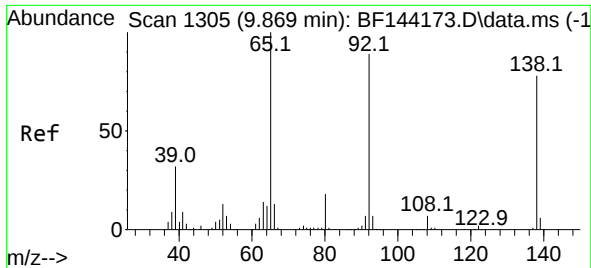
Ion Ratio Lower Upper

154 100

153 111.0 89.0 133.4

152 52.4 42.2 63.4

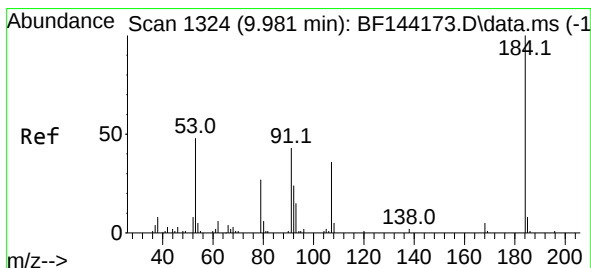
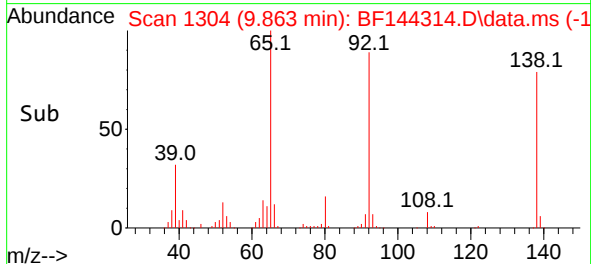
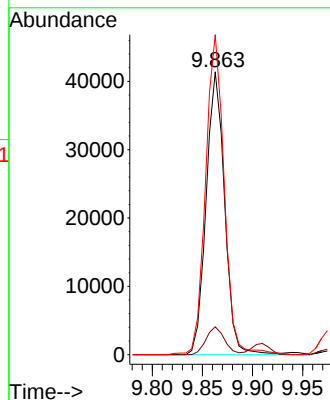
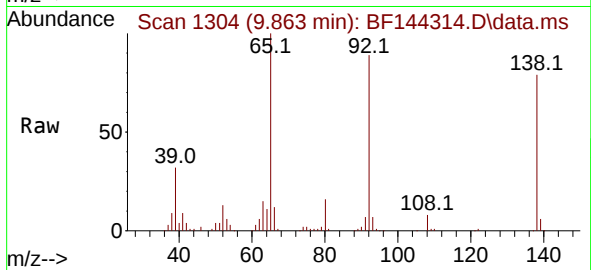




#53
3-Nitroaniline
Concen: 27.382 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

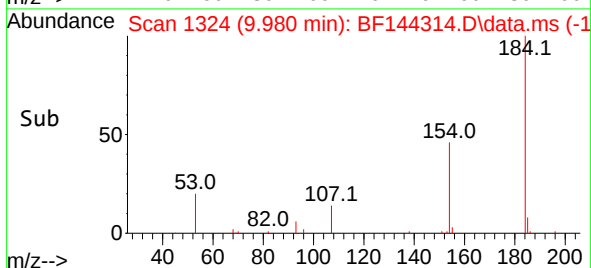
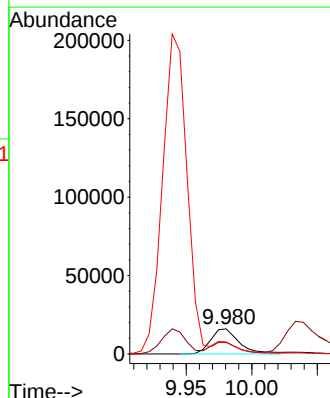
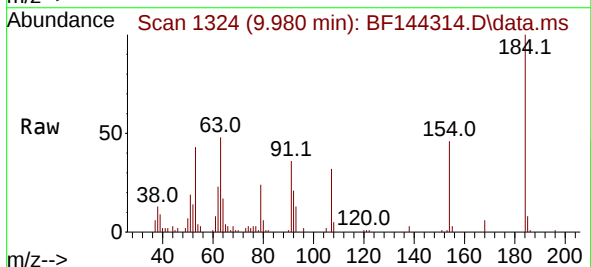
Instrument :
BNA_F
ClientSampleId :
PB170692BS

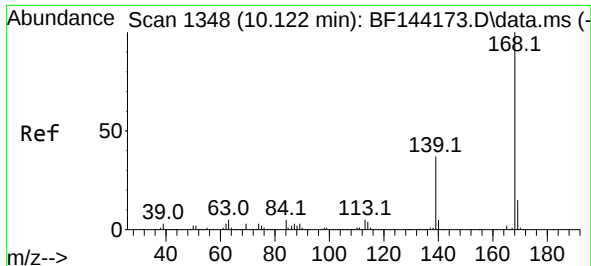
Tgt Ion:138 Resp: 53070
Ion Ratio Lower Upper
138 100
108 9.8 7.5 11.3
92 113.1 91.8 137.6



#54
2,4-Dinitrophenol
Concen: 22.692 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion:184 Resp: 24295
Ion Ratio Lower Upper
184 100
63 47.8 44.0 66.0
154 45.6 42.4 63.6

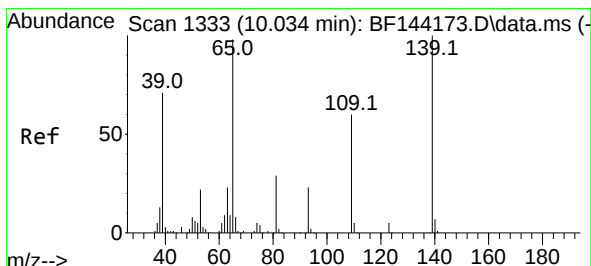
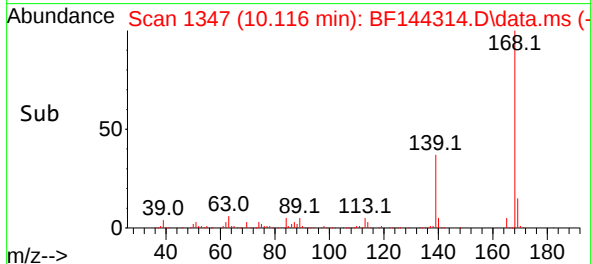
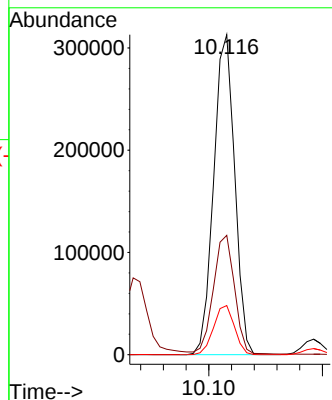
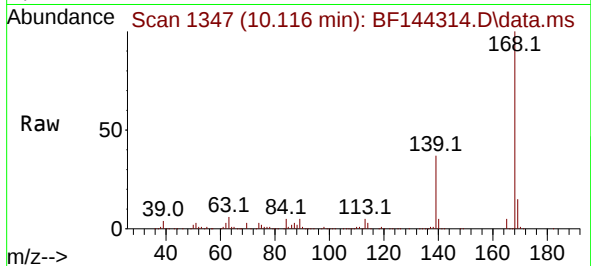




#55
Dibenzofuran
Concen: 39.967 ng
RT: 10.116 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

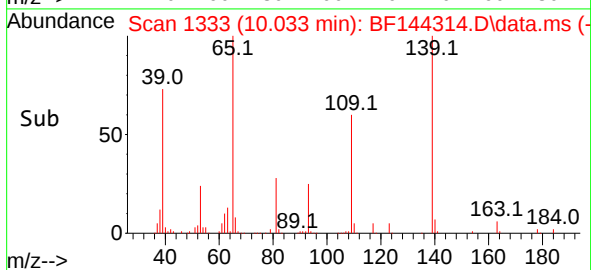
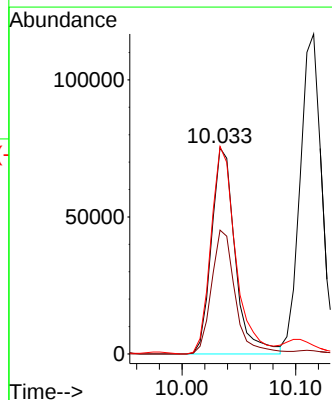
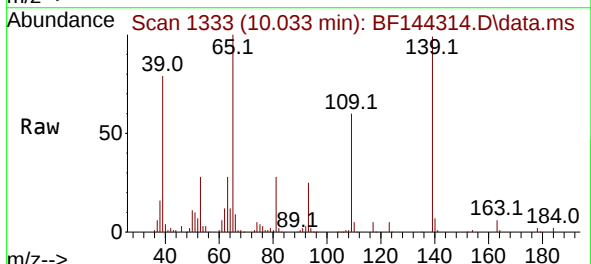
Instrument :
BNA_F
ClientSampleId :
PB170692BS

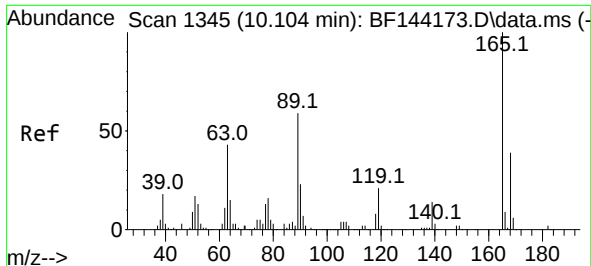
Tgt Ion:168 Resp: 401544
Ion Ratio Lower Upper
168 100
139 37.3 30.2 45.2
169 15.3 12.2 18.4



#56
4-Nitrophenol
Concen: 77.785 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

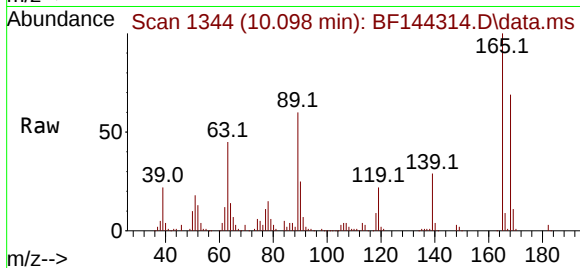
Tgt Ion:139 Resp: 109054
Ion Ratio Lower Upper
139 100
109 60.1 39.9 79.9
65 100.8 79.5 119.5



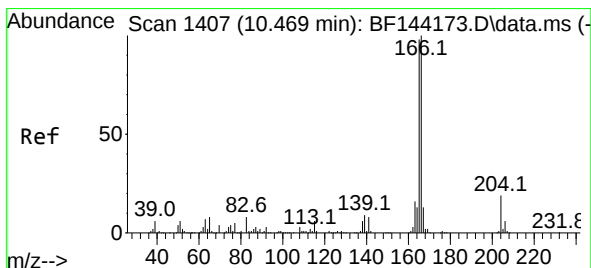
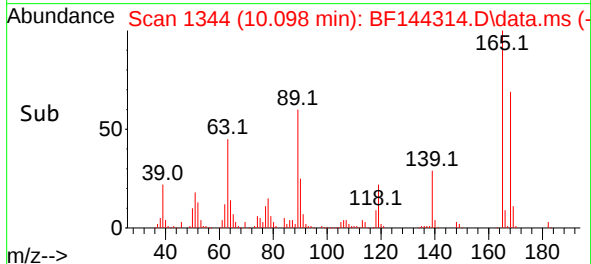
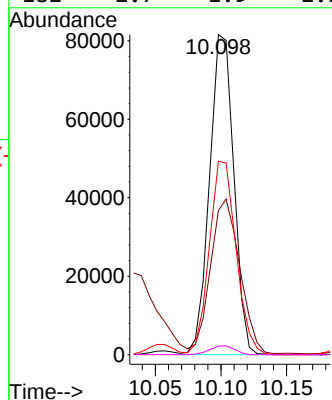


#57
2,4-Dinitrotoluene
Concen: 44.290 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Instrument :
BNA_F
ClientSampleId :
PB170692BS

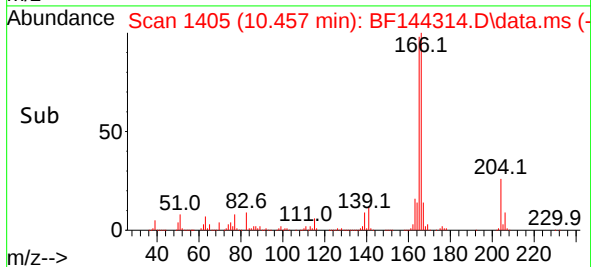
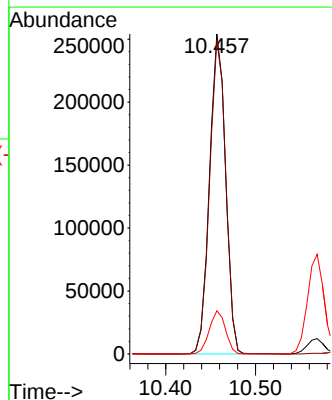
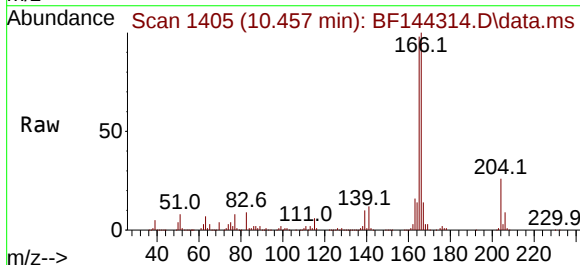


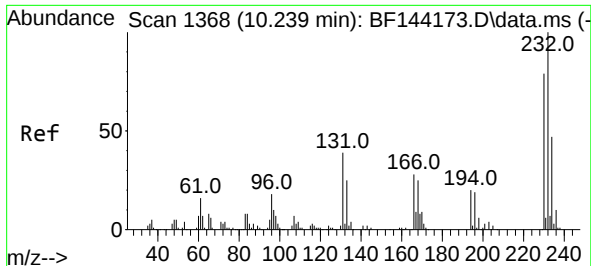
Tgt Ion:	165	Resp:	105123
Ion	Ratio	Lower	Upper
165	100		
63	45.1	35.5	53.3
89	60.4	47.4	71.2
182	2.7	1.9	2.9



#58
Fluorene
Concen: 41.292 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion:	166	Resp:	315418
Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	118.0
167	13.5	10.4	15.6



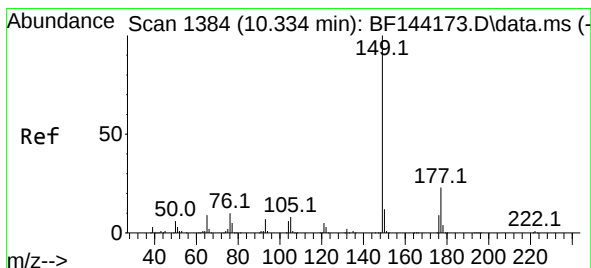
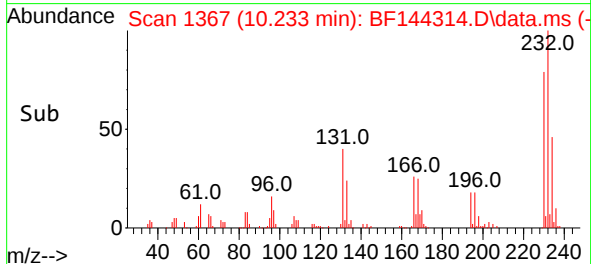
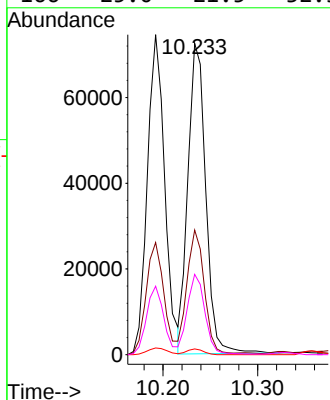
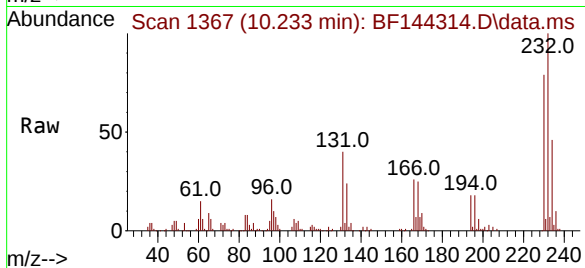


#59
2,3,4,6-Tetrachlorophenol
Concen: 42.177 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Instrument :
BNA_F
ClientSampleId :
PB170692BS

Tgt Ion:232 Resp: 94844

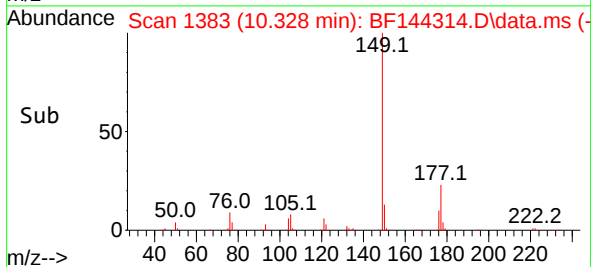
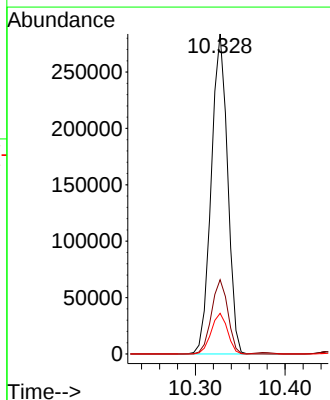
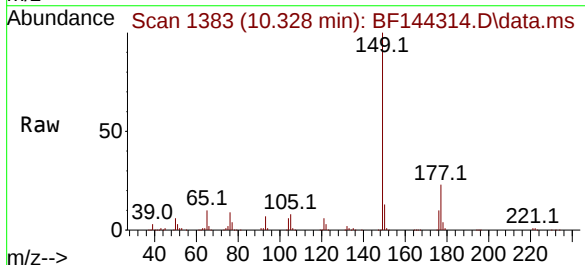
Ion	Ratio	Lower	Upper
232	100		
131	37.9	30.3	45.5
130	1.8	1.2	1.8
166	25.0	21.5	32.3

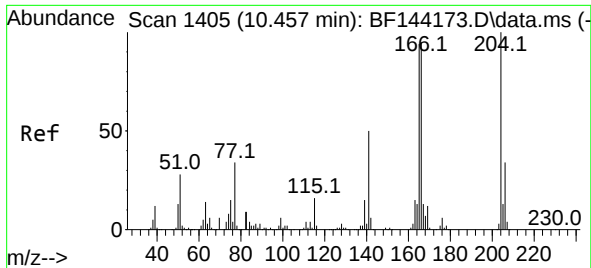


#60
Diethylphthalate
Concen: 44.396 ng
RT: 10.328 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion:149 Resp: 358455

Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	12.7	9.8	14.6

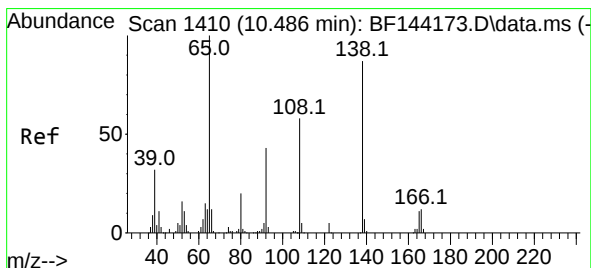
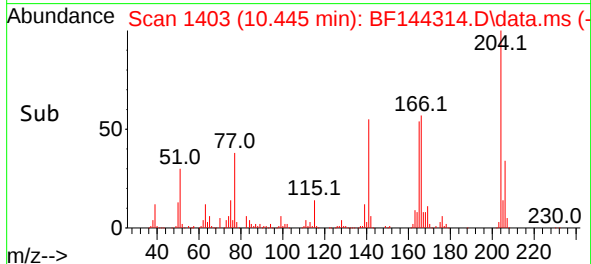
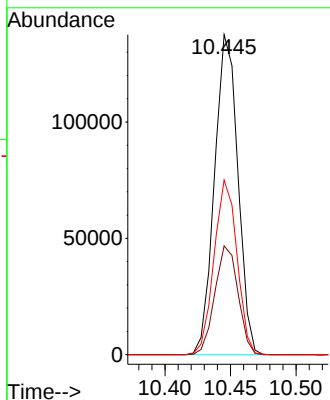
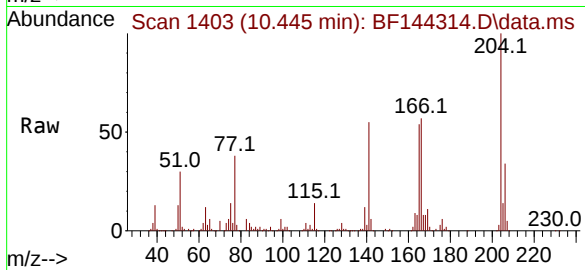




#61
4-Chlorophenyl-phenylether
Concen: 39.135 ng
RT: 10.445 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

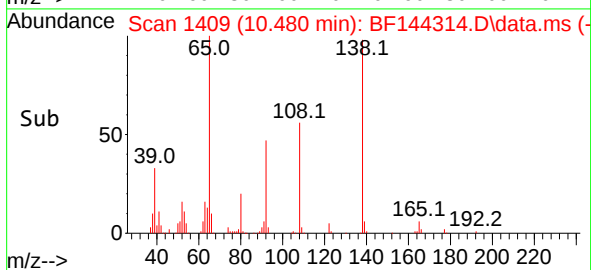
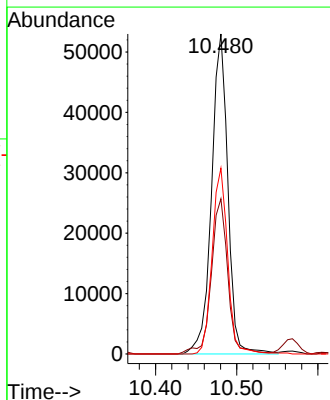
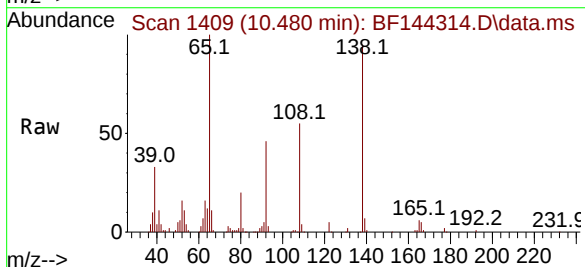
Instrument :
BNA_F
ClientSampleId :
PB170692BS

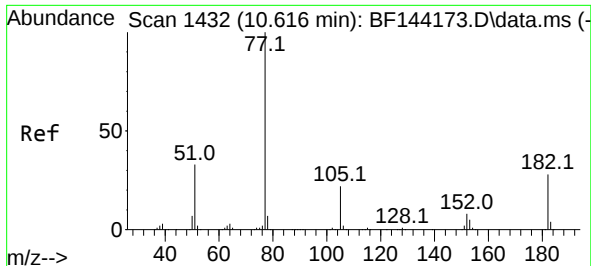
Tgt Ion:204 Resp: 170284
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.2
141 54.6 40.0 60.0



#62
4-Nitroaniline
Concen: 40.125 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion:138 Resp: 74061
Ion Ratio Lower Upper
138 100
92 48.5 29.4 69.4
108 58.0 46.4 86.4

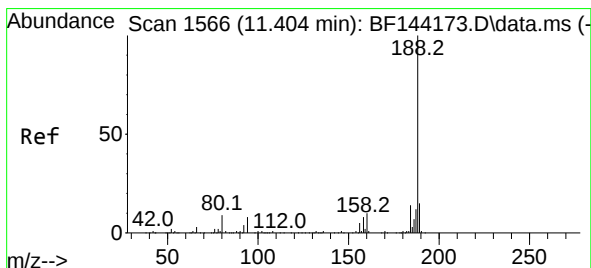
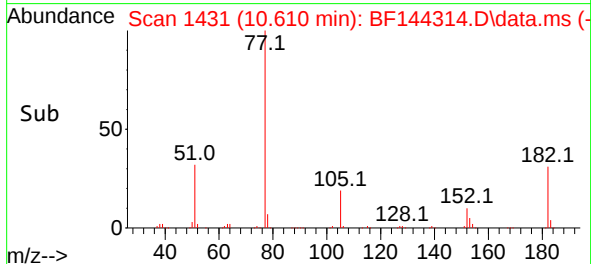
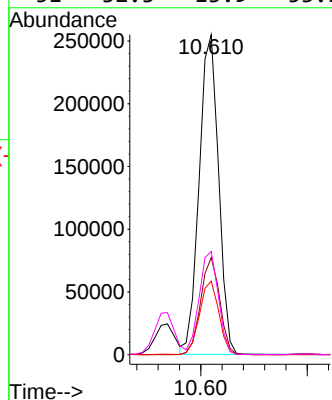
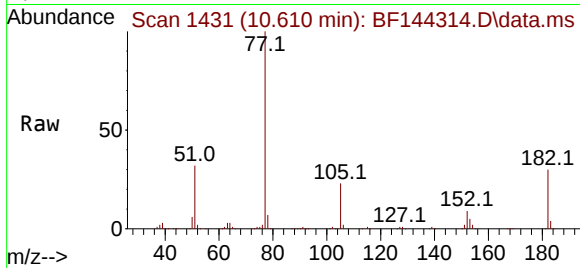




#63
Azobenzene
Concen: 42.884 ng
RT: 10.610 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

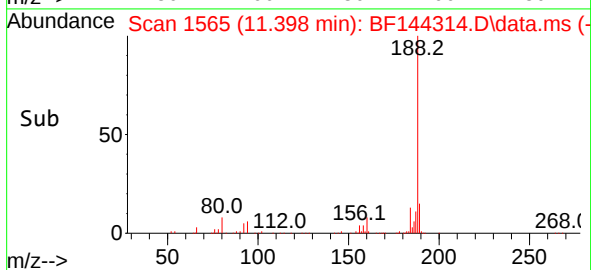
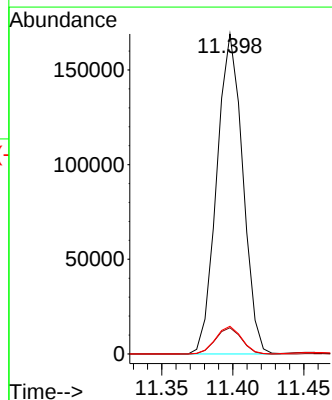
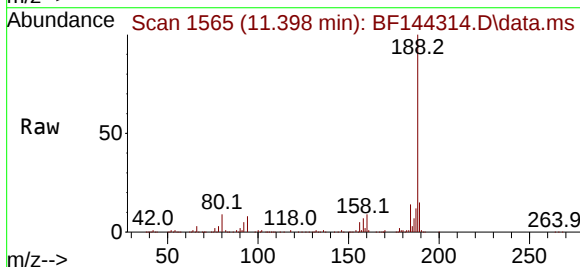
Instrument :
BNA_F
ClientSampleId :
PB170692BS

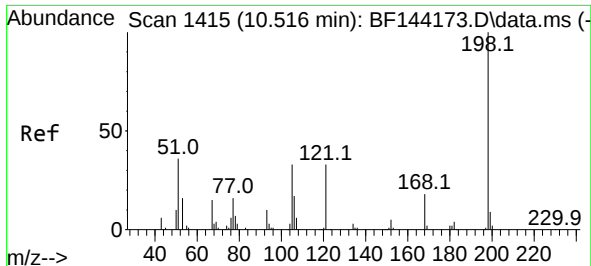
Tgt Ion: 77	Resp: 322242
Ion Ratio	Lower Upper
77 100	
182 30.4	8.1 48.1
105 23.0	2.0 42.0
51 32.3	13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion:188	Resp: 215195
Ion Ratio	Lower Upper
188 100	
94 8.2	6.2 9.2
80 8.7	6.9 10.3

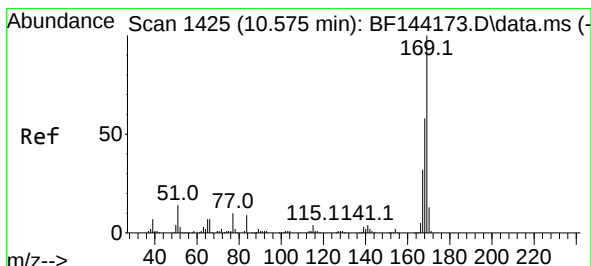
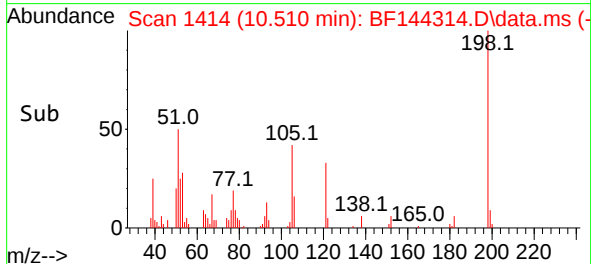
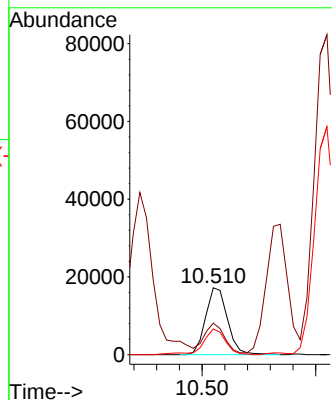
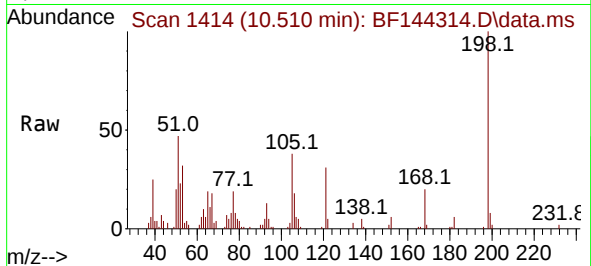




#65
4,6-Dinitro-2-methylphenol
Concen: 15.739 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

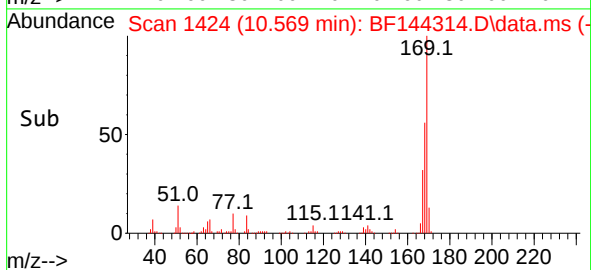
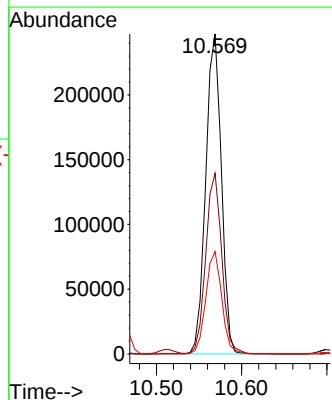
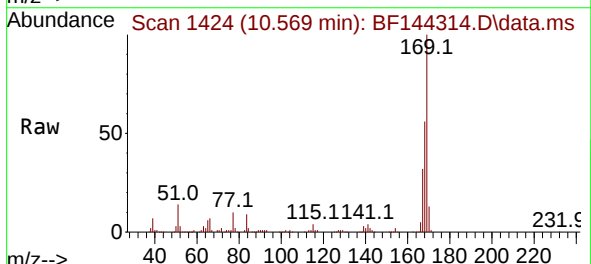
Instrument :
BNA_F
ClientSampleId :
PB170692BS

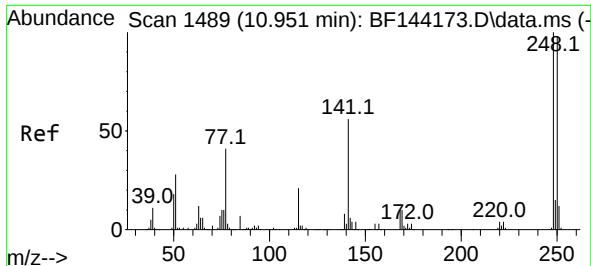
Tgt Ion:198 Resp: 23009
Ion Ratio Lower Upper
198 100
51 47.1 25.6 65.6
105 38.5 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 45.537 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion:169 Resp: 315170
Ion Ratio Lower Upper
169 100
168 56.5 46.2 69.2
167 32.0 25.7 38.5

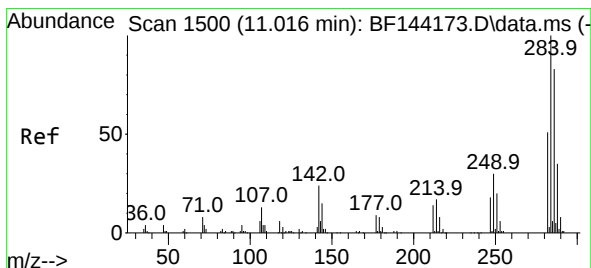
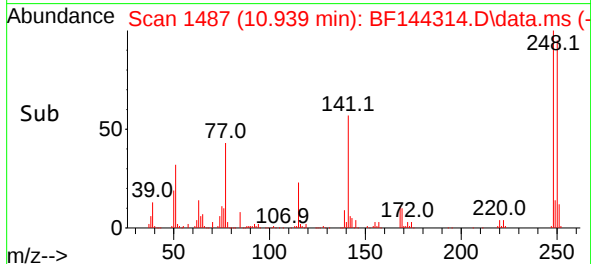
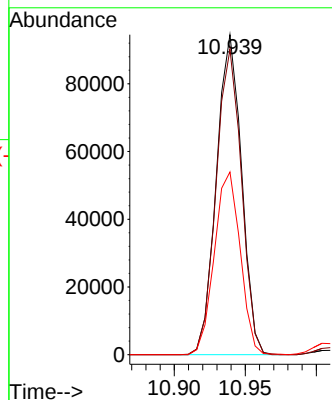
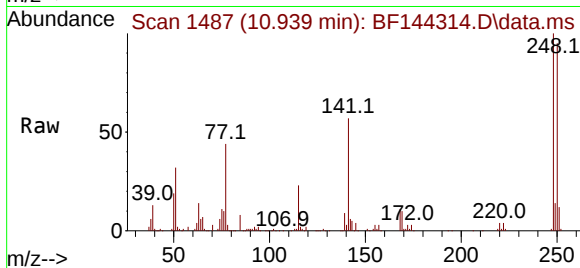




#67
4-Bromophenyl-phenylether
Concen: 42.403 ng
RT: 10.939 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

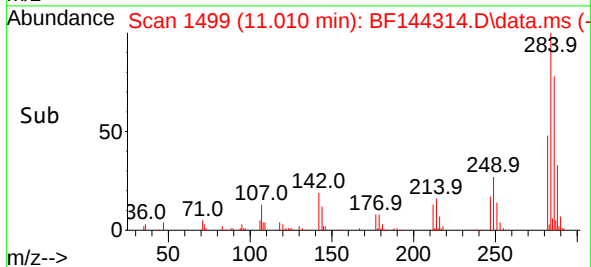
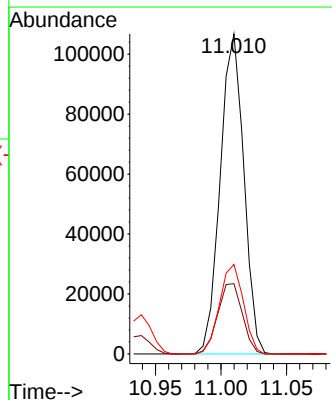
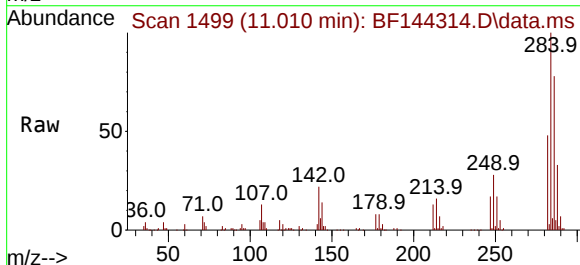
Instrument :
BNA_F
ClientSampleId :
PB170692BS

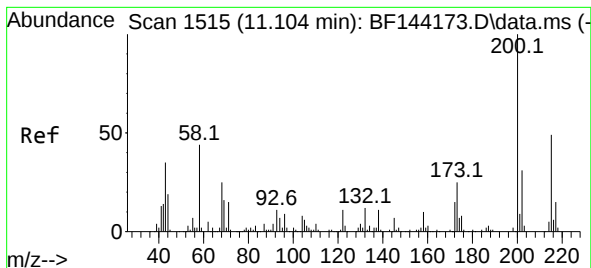
Tgt Ion:248 Resp: 116472
Ion Ratio Lower Upper
248 100
250 95.4 78.4 117.6
141 57.1 45.1 67.7



#68
Hexachlorobenzene
Concen: 41.232 ng
RT: 11.010 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion:284 Resp: 133400
Ion Ratio Lower Upper
284 100
142 21.9 19.2 28.8
249 28.0 23.8 35.8





#69

Atrazine

Concen: 49.298 ng

RT: 11.098 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

Instrument :

BNA_F

ClientSampleId :

PB170692BS

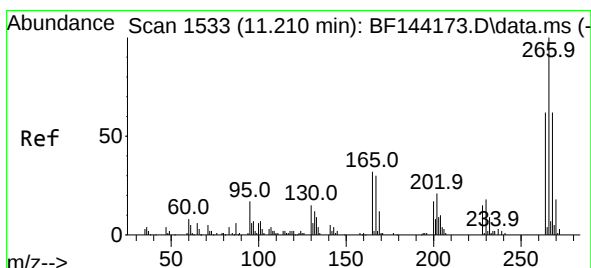
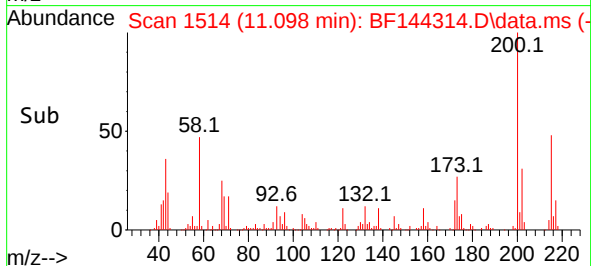
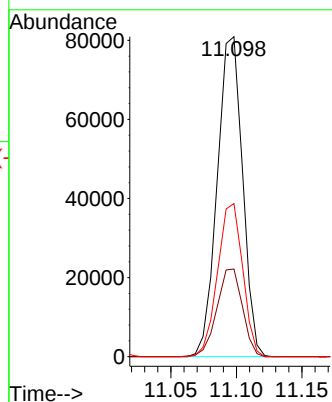
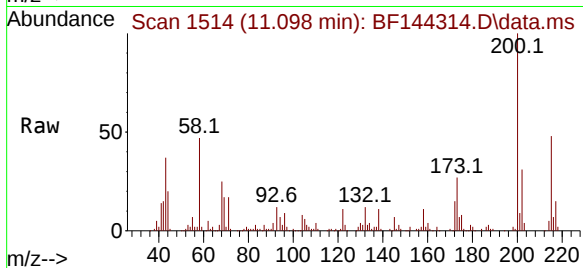
Tgt Ion:200 Resp: 108511

Ion Ratio Lower Upper

200 100

173 27.4 5.0 45.0

215 47.8 28.7 68.7



#70

Pentachlorophenol

Concen: 84.123 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

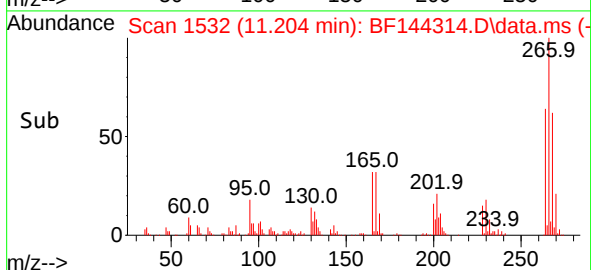
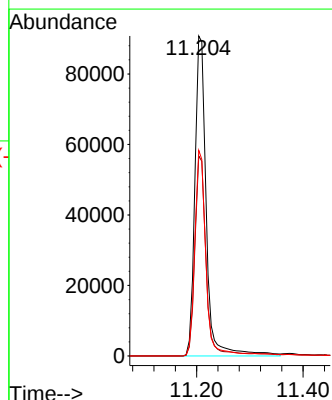
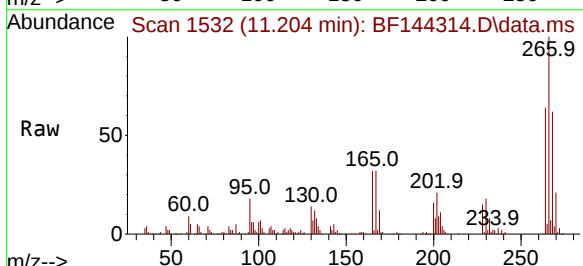
Tgt Ion:266 Resp: 135528

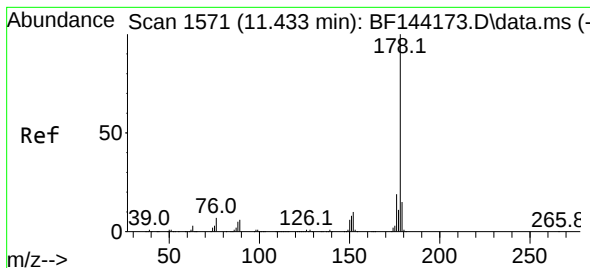
Ion Ratio Lower Upper

266 100

268 62.5 49.5 74.3

264 64.2 49.4 74.2





#71

Phenanthrene

Concen: 41.745 ng

RT: 11.422 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

Instrument :

BNA_F

ClientSampleId :

PB170692BS

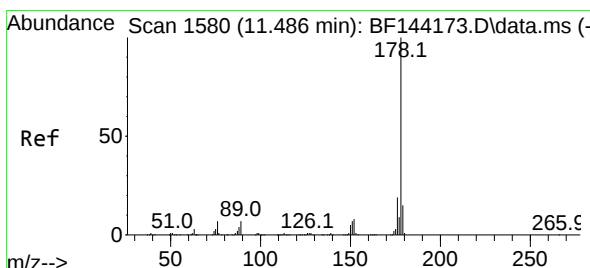
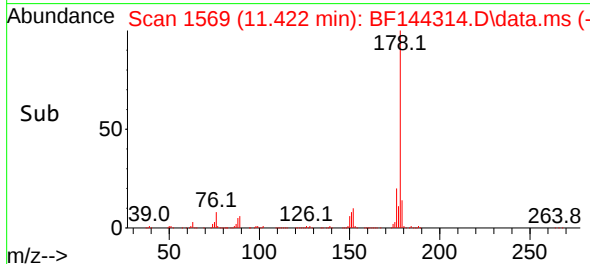
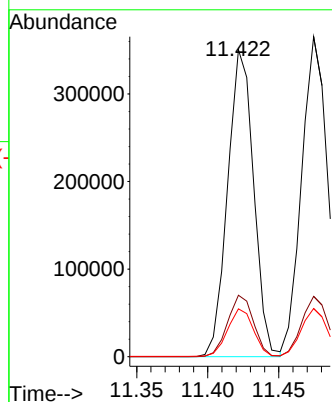
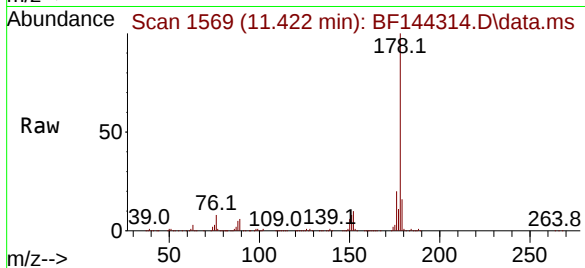
Tgt Ion:178 Resp: 447263

Ion Ratio Lower Upper

178 100

176 20.0 15.5 23.3

179 15.6 12.2 18.4



#72

Anthracene

Concen: 42.550 ng

RT: 11.474 min Scan# 1578

Delta R.T. -0.006 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

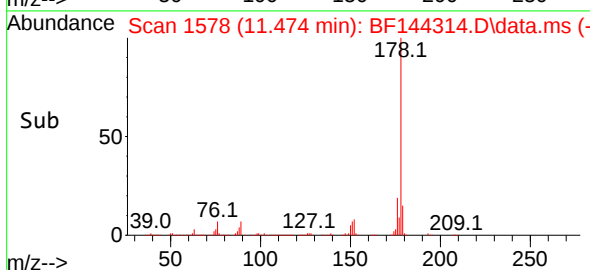
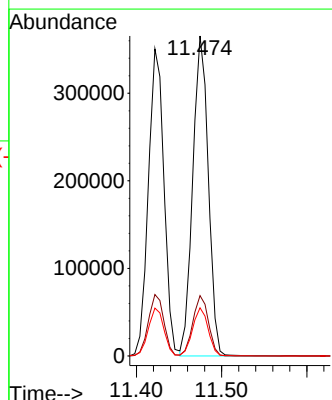
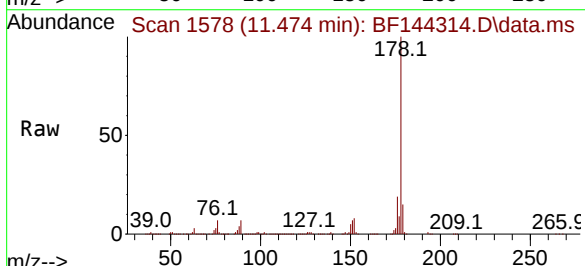
Tgt Ion:178 Resp: 463565

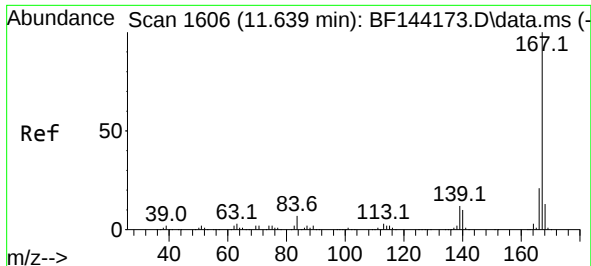
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.0 12.0 18.0

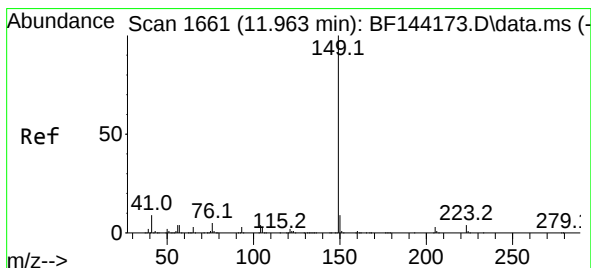
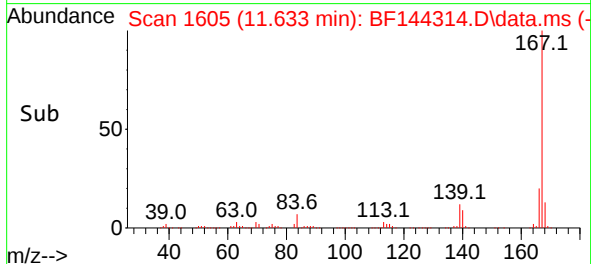
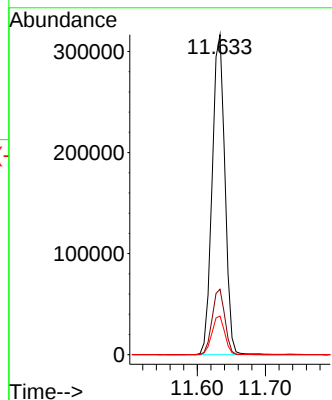
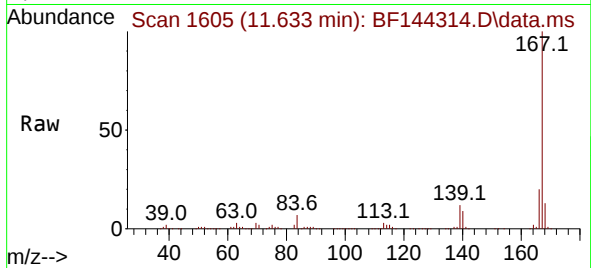




#73
 Carbazole
 Concen: 44.537 ng
 RT: 11.633 min Scan# 1605
 Delta R.T. -0.006 min
 Lab File: BF144314.D
 Acq: 21 Nov 2025 18:19

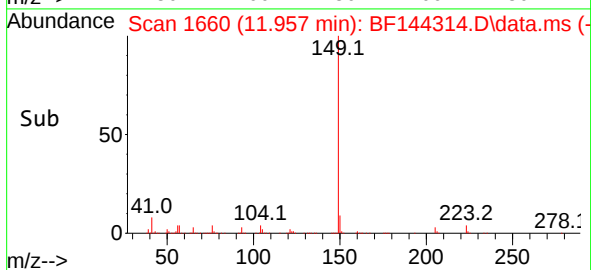
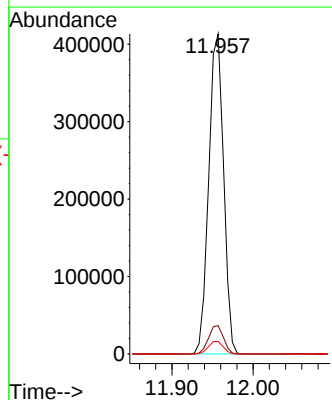
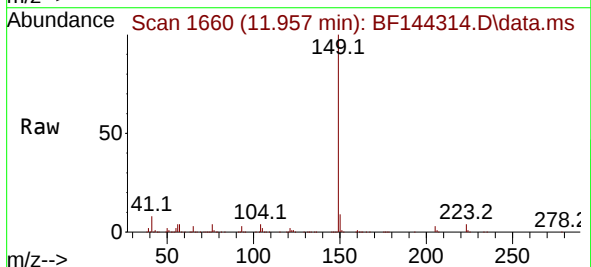
Instrument :
 BNA_F
 ClientSampleId :
 PB170692BS

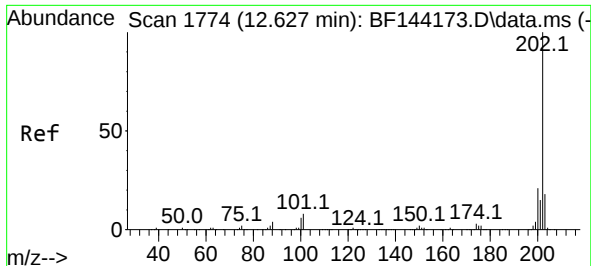
Tgt Ion:167 Resp: 412591
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.2 25.8
 139 12.0 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 46.805 ng
 RT: 11.957 min Scan# 1660
 Delta R.T. -0.006 min
 Lab File: BF144314.D
 Acq: 21 Nov 2025 18:19

Tgt Ion:149 Resp: 524175
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 3.9 3.4 5.2

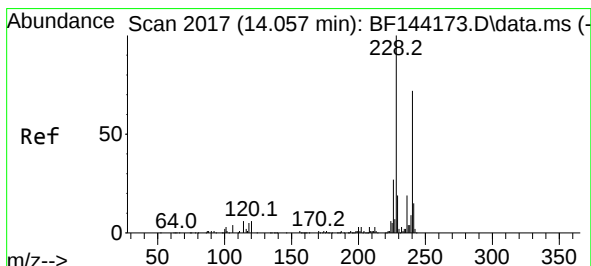
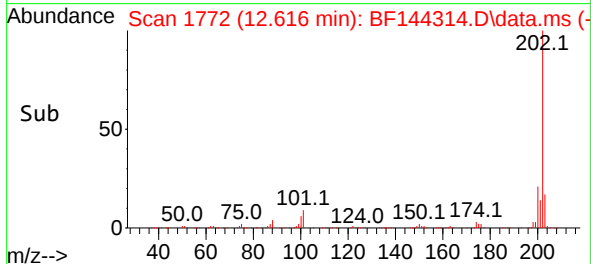
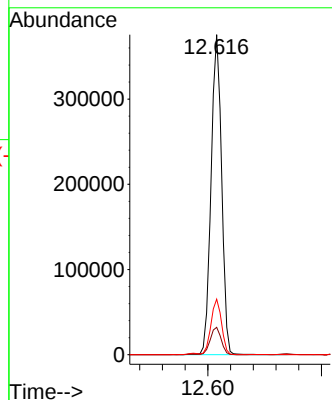
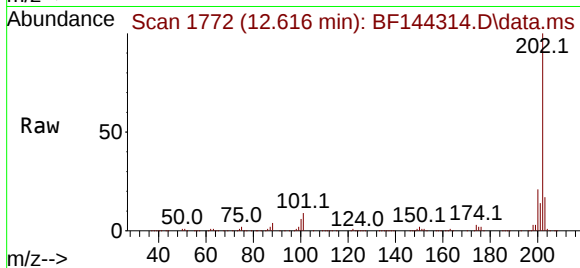




#75
Fluoranthene
Concen: 43.450 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

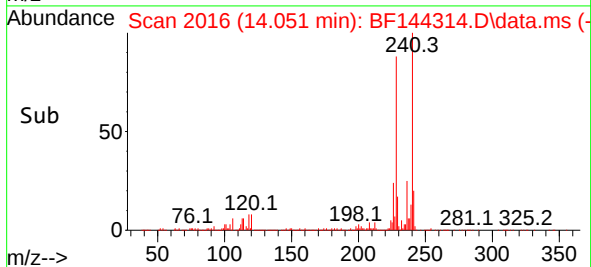
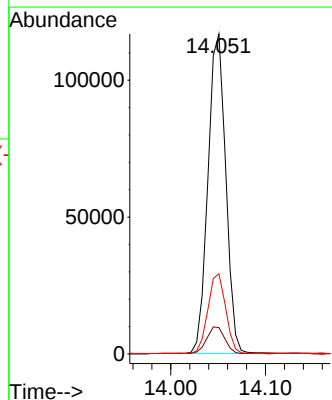
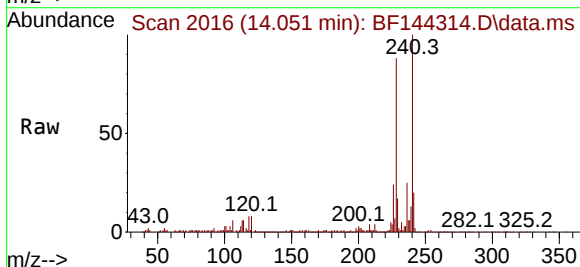
Instrument :
BNA_F
ClientSampleId :
PB170692BS

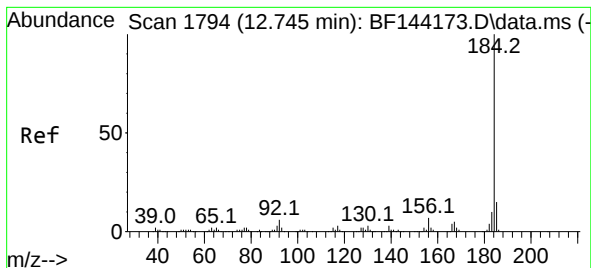
Tgt Ion:202 Resp: 480901
Ion Ratio Lower Upper
202 100
101 8.6 0.0 27.9
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion:240 Resp: 152200
Ion Ratio Lower Upper
240 100
120 8.2 6.6 10.0
236 25.0 21.4 32.2





#77

Benzidine

Concen: 61.637 ng

RT: 12.739 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

Instrument :

BNA_F

ClientSampleId :

PB170692BS

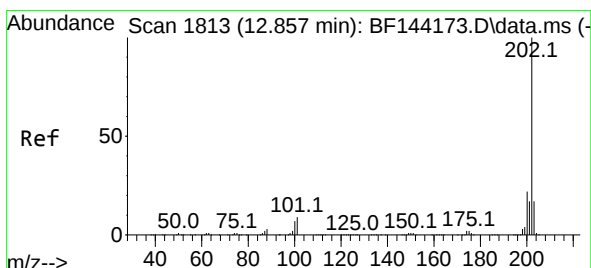
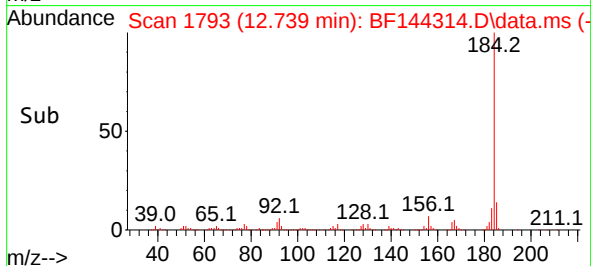
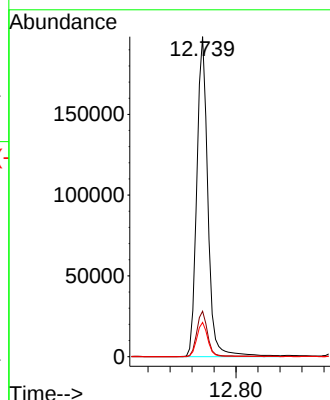
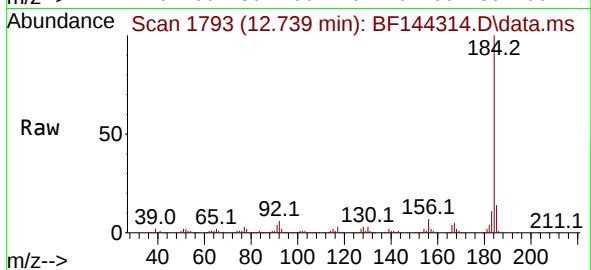
Tgt Ion:184 Resp: 277489

Ion Ratio Lower Upper

184 100

185 14.2 11.7 17.5

183 10.7 8.3 12.5



#78

Pyrene

Concen: 39.263 ng

RT: 12.845 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

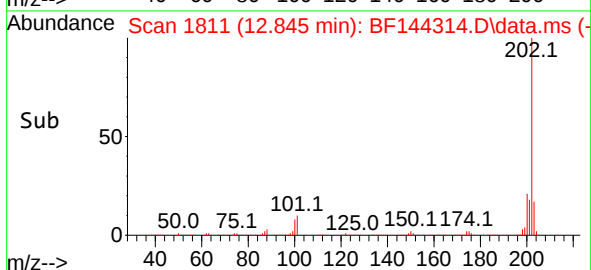
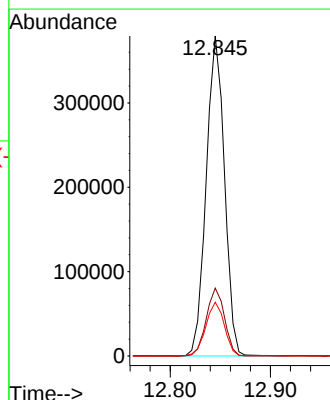
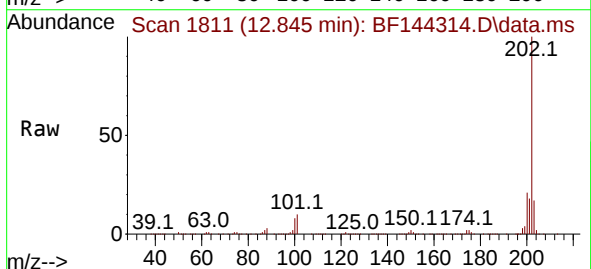
Tgt Ion:202 Resp: 481826

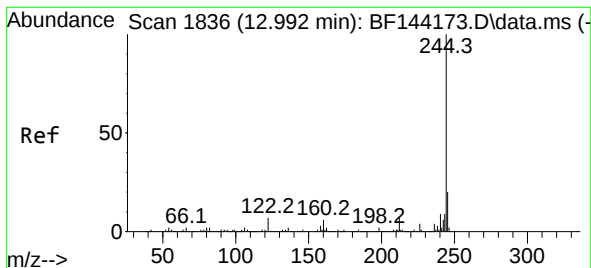
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 16.8 13.7 20.5





#79

Terphenyl-d14

Concen: 74.612 ng

RT: 12.986 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

Instrument :

BNA_F

ClientSampleId :

PB170692BS

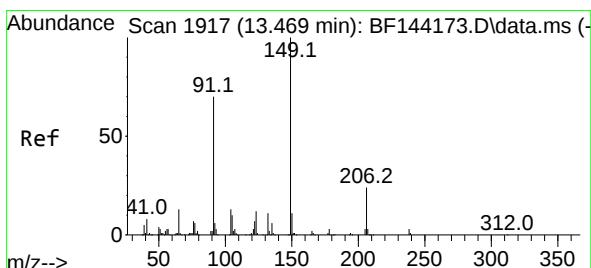
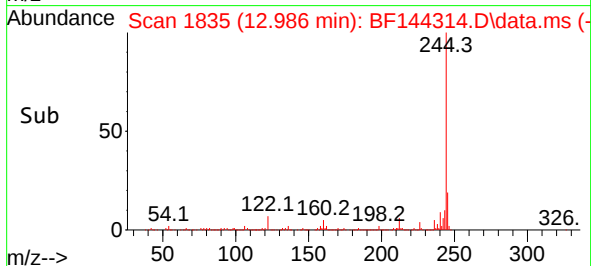
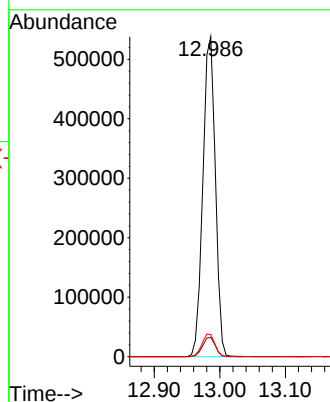
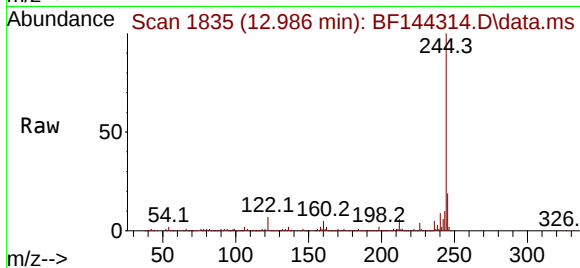
Tgt Ion:244 Resp: 714925

Ion Ratio Lower Upper

244 100

212 6.0 5.3 7.9

122 6.9 5.6 8.4



#80

Butylbenzylphthalate

Concen: 46.169 ng

RT: 13.457 min Scan# 1915

Delta R.T. -0.012 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

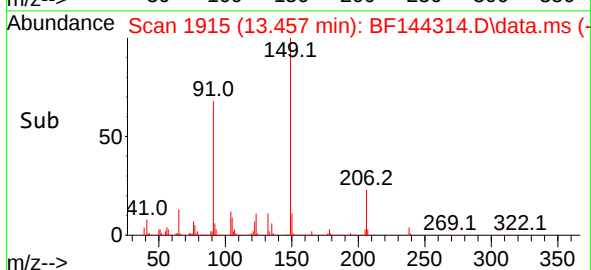
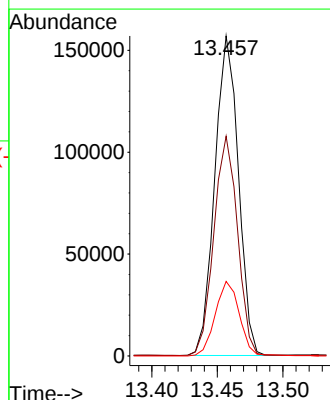
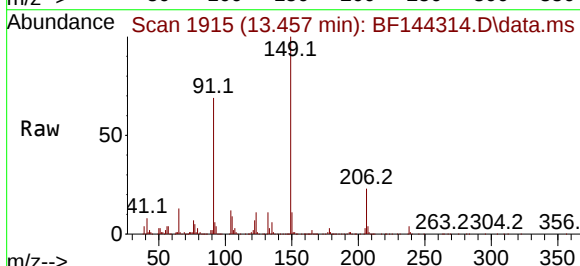
Tgt Ion:149 Resp: 196370

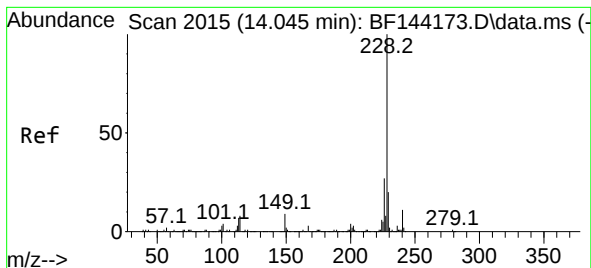
Ion Ratio Lower Upper

149 100

91 68.6 56.1 84.1

206 23.3 18.8 28.2





#81

Benzo(a)anthracene

Concen: 43.103 ng

RT: 14.039 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

Instrument :

BNA_F

ClientSampleId :

PB170692BS

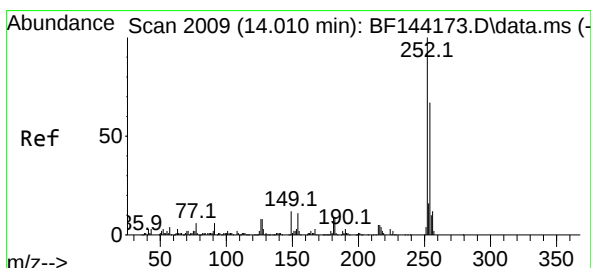
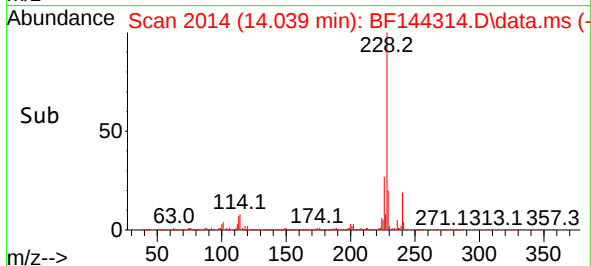
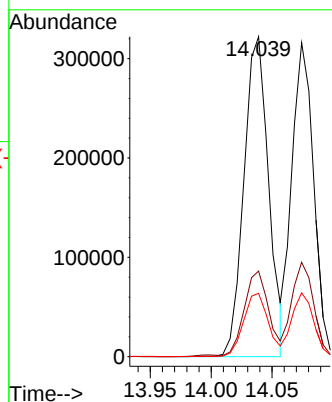
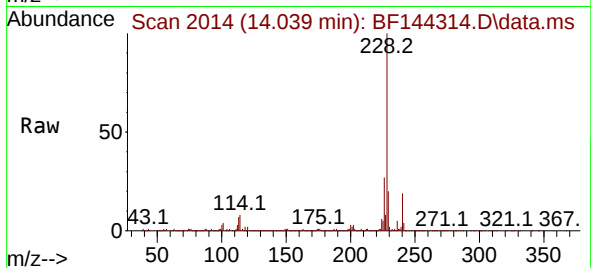
Tgt Ion:228 Resp: 454676

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.8

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 36.973 ng

RT: 13.998 min Scan# 2007

Delta R.T. -0.012 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

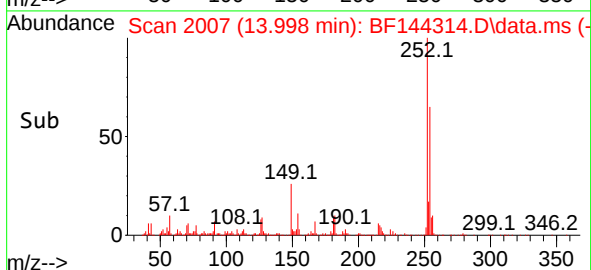
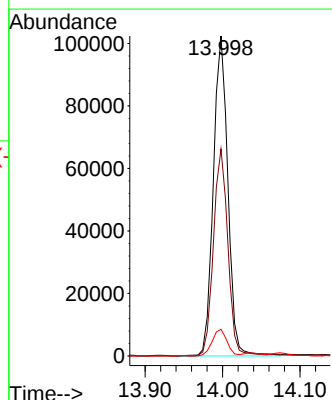
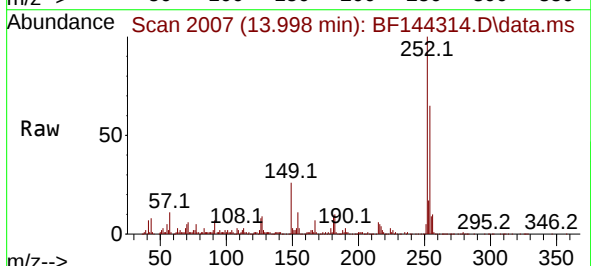
Tgt Ion:252 Resp: 133687

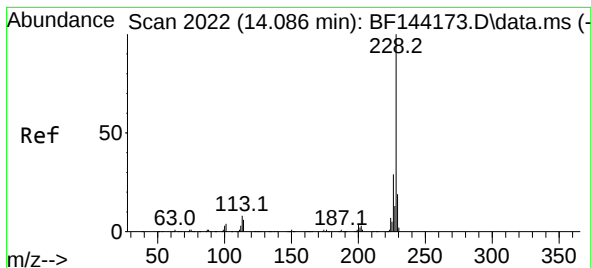
Ion Ratio Lower Upper

252 100

254 64.7 53.5 80.3

126 8.3 6.4 9.6





#83

Chrysene

Concen: 40.411 ng

RT: 14.074 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

Instrument :

BNA_F

ClientSampleId :

PB170692BS

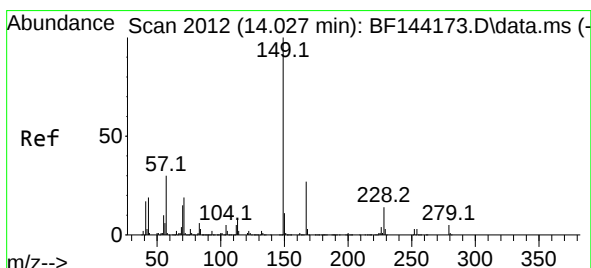
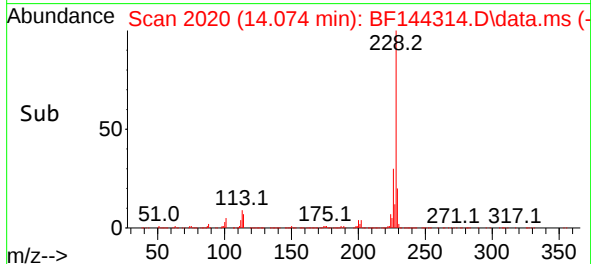
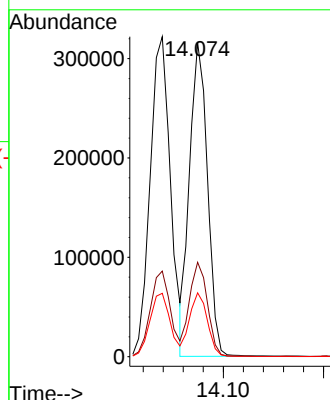
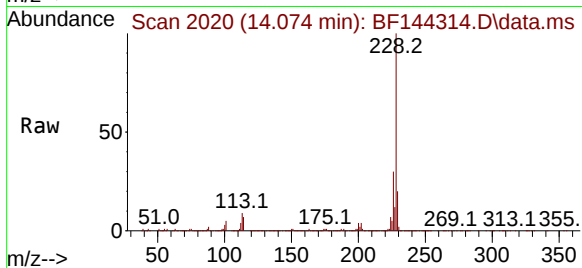
Tgt Ion:228 Resp: 393514

Ion Ratio Lower Upper

228 100

226 30.1 22.9 34.3

229 20.3 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.374 ng

RT: 14.015 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

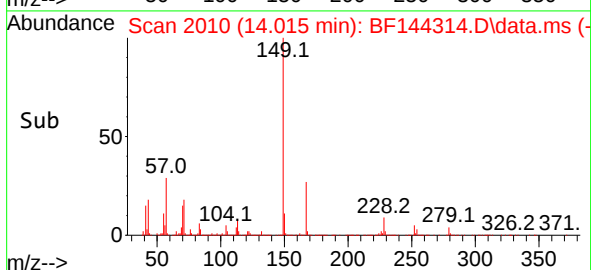
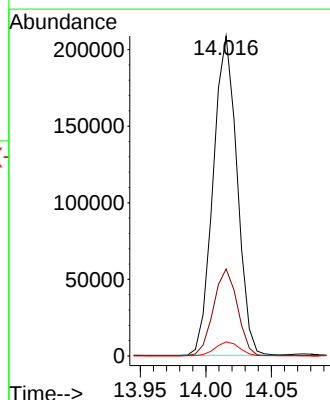
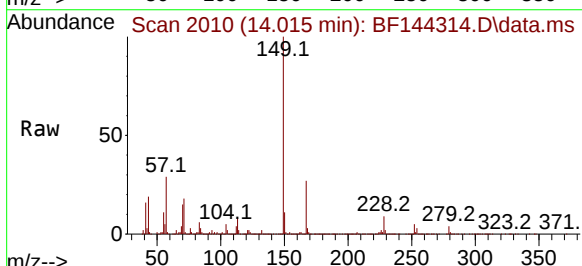
Tgt Ion:149 Resp: 264187

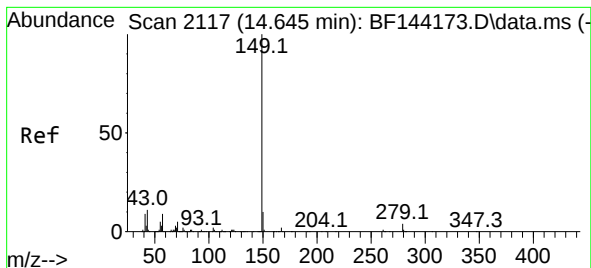
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.8

279 4.4 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 43.624 ng

RT: 14.627 min Scan# 2114

Delta R.T. -0.018 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

Instrument :

BNA_F

ClientSampleId :

PB170692BS

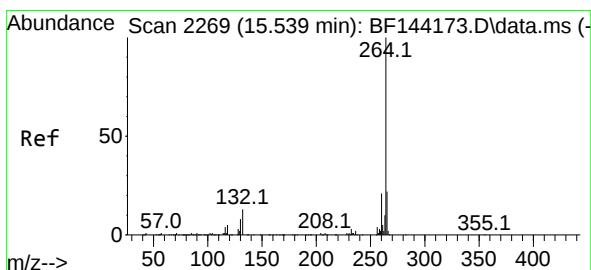
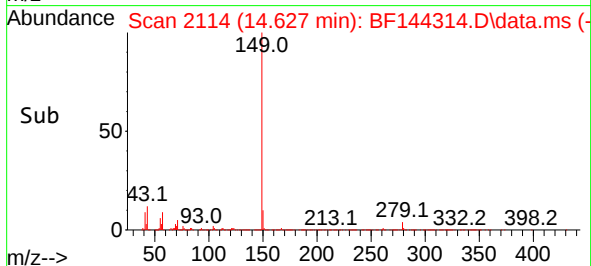
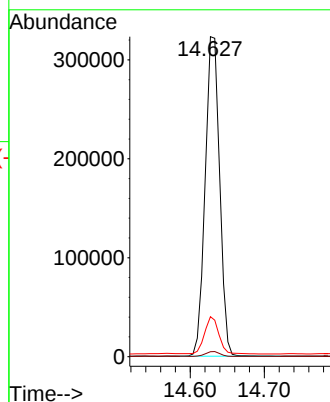
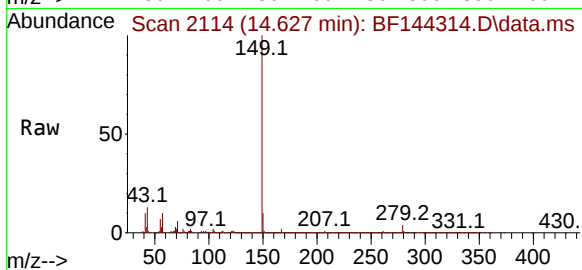
Tgt Ion:149 Resp: 438230

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.6 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: BF144314.D

Acq: 21 Nov 2025 18:19

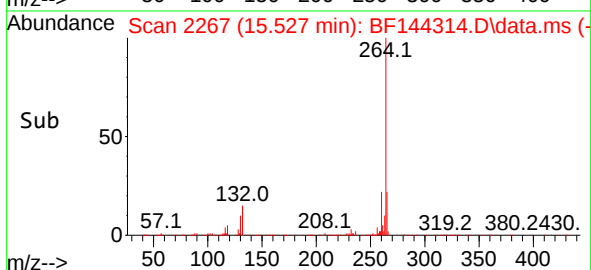
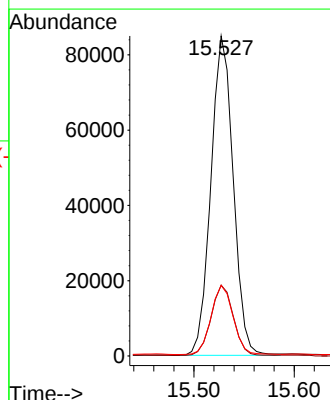
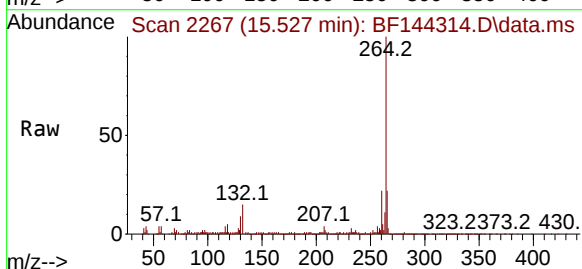
Tgt Ion:264 Resp: 131672

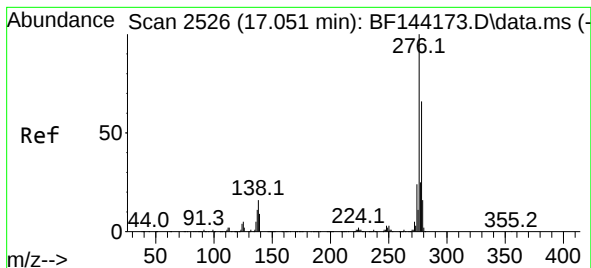
Ion Ratio Lower Upper

264 100

260 22.1 17.1 25.7

265 22.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 32.043 ng

RT: 17.033 min Scan# 2194

Delta R.T. -0.000 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

Instrument :

BNA_F

ClientSampleId :

PB170692BS

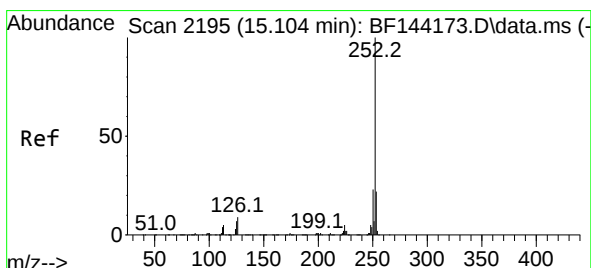
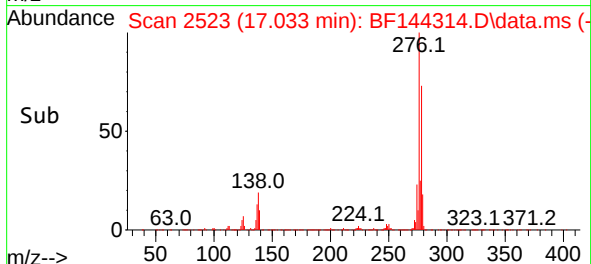
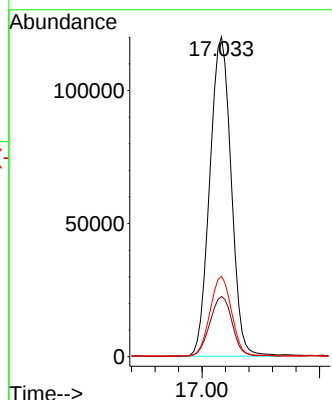
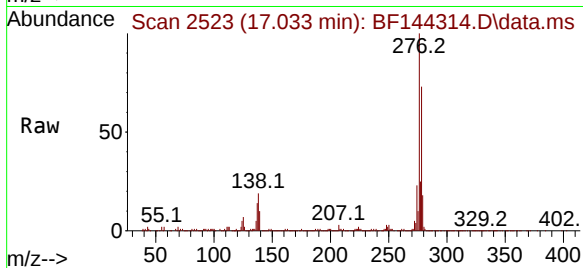
Tgt Ion:276 Resp: 302869

Ion Ratio Lower Upper

276 100

138 19.4 13.9 20.9

277 25.3 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 50.471 ng

RT: 15.098 min Scan# 2194

Delta R.T. -0.000 min

Lab File: BF144314.D

Acq: 21 Nov 2025 18:19

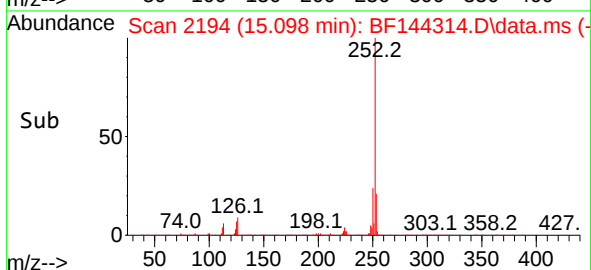
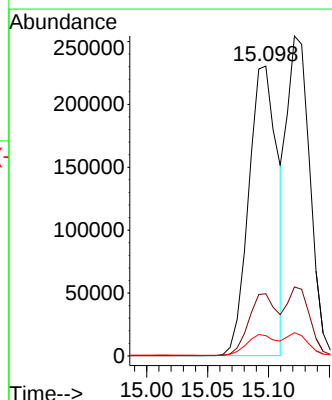
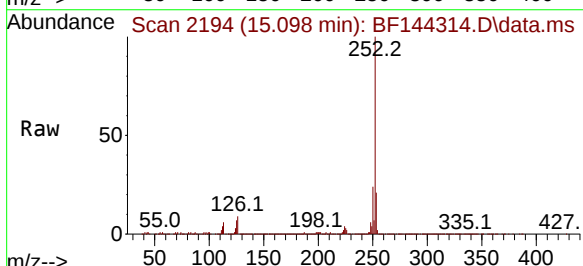
Tgt Ion:252 Resp: 377818

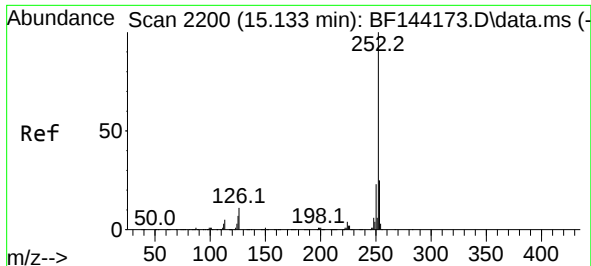
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 7.0 5.3 7.9

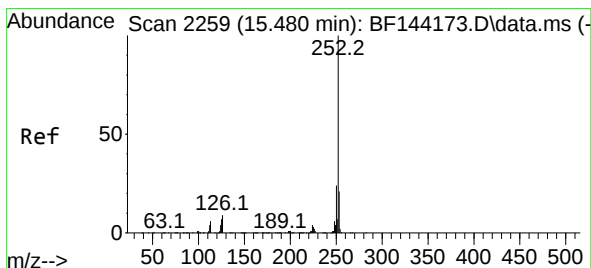
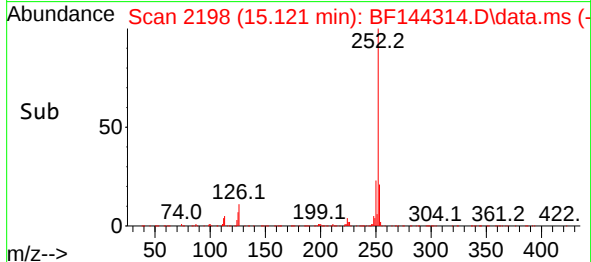
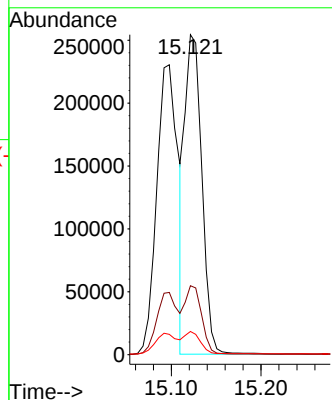
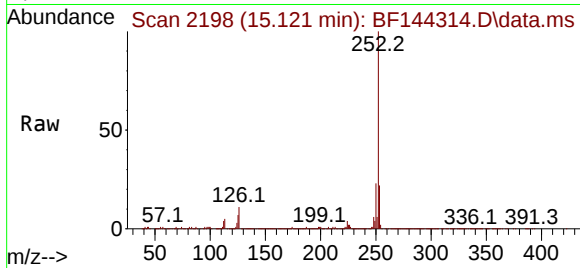




#89
Benzo(k)fluoranthene
Concen: 47.938 ng
RT: 15.121 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

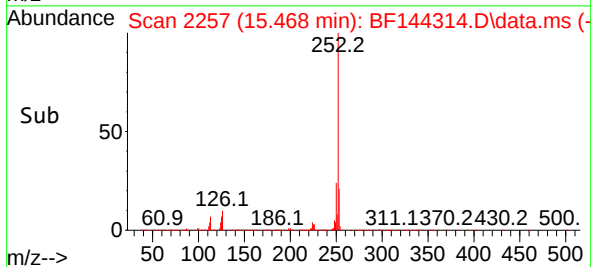
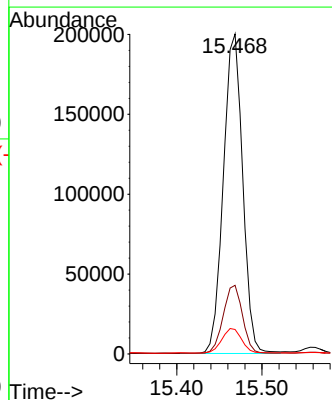
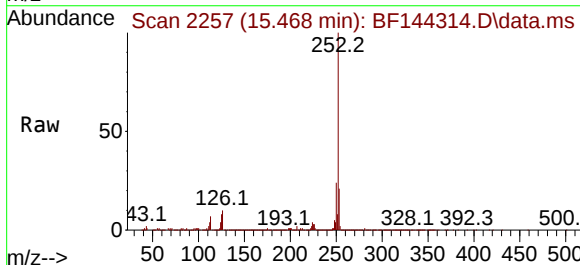
Instrument :
BNA_F
ClientSampleId :
PB170692BS

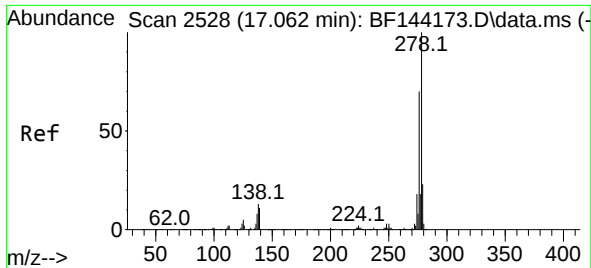
Tgt Ion:252 Resp: 335889
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 7.2 5.4 8.2



#90
Benzo(a)pyrene
Concen: 45.664 ng
RT: 15.468 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion:252 Resp: 315357
Ion Ratio Lower Upper
252 100
253 21.4 16.7 25.1
125 7.7 5.7 8.5

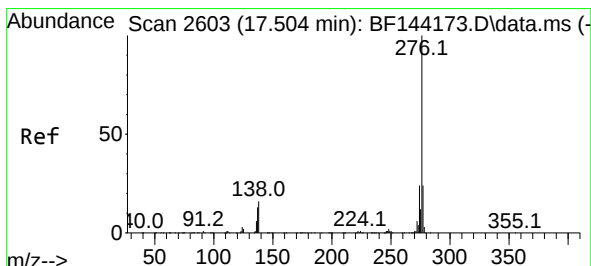
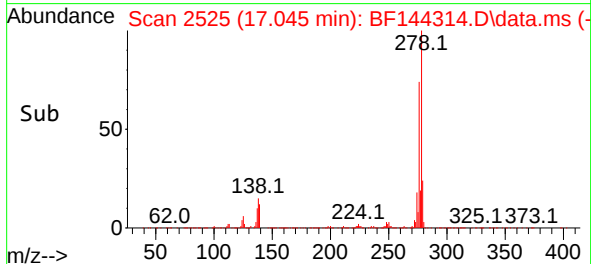
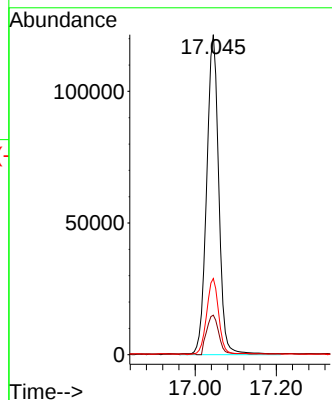
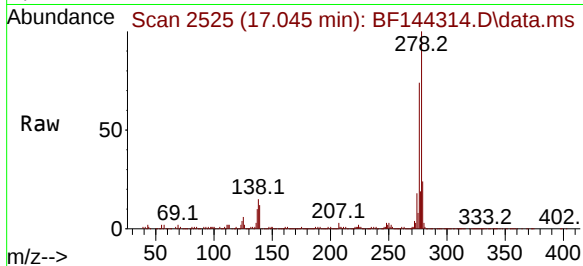




#91
Dibenzo(a,h)anthracene
Concen: 33.167 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Instrument :
BNA_F
ClientSampleId :
PB170692BS

Tgt Ion:278 Resp: 251769
Ion Ratio Lower Upper
278 100
139 12.4 9.1 13.7
279 23.8 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 31.204 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.006 min
Lab File: BF144314.D
Acq: 21 Nov 2025 18:19

Tgt Ion:276 Resp: 233909
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 18.6 12.9 19.3

