

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142534.D
 Acq On : 23 May 2025 14:39
 Operator : RC/JU
 Sample : Q2097-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200044MS

Quant Time: May 23 15:27:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	110644	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	423426	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	222214	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	339714	20.000	ng	0.00
76) Chrysene-d12	14.074	240	200030	20.000	ng	0.00
86) Perylene-d12	15.563	264	219904	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	563106	85.743	ng	0.00
7) Phenol-d6	6.522	99	699667	88.503	ng	-0.01
23) Nitrobenzene-d5	7.457	82	416700	53.663	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	218388	88.549	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	875409	52.862	ng	-0.01
79) Terphenyl-d14	13.016	244	719723	49.169	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	97853	37.235	ng	99
3) Pyridine	3.499	79	267494	39.971	ng	99
4) n-Nitrosodimethylamine	3.457	42	150364	43.273	ng	97
6) Aniline	6.557	93	334516	31.470	ng	99
8) 2-Chlorophenol	6.681	128	309470	43.263	ng	99
9) Benzaldehyde	6.446	77	188197	39.580	ng	98
10) Phenol	6.540	94	387353	43.545	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	276344	43.157	ng	98
12) 1,3-Dichlorobenzene	6.840	146	329671	41.302	ng	98
13) 1,4-Dichlorobenzene	6.916	146	336471	41.848	ng	99
14) 1,2-Dichlorobenzene	7.069	146	326084	42.384	ng	99
15) Benzyl Alcohol	7.034	79	251010	42.965	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	456552	42.457	ng	99
17) 2-Methylphenol	7.145	107	242324	43.389	ng	99
18) Hexachloroethane	7.410	117	118382	42.165	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	202140	41.257	ng	99
20) 3+4-Methylphenols	7.298	107	301166	42.110	ng	92
22) Acetophenone	7.304	105	402571	42.949	ng	97
24) Nitrobenzene	7.481	77	303773	43.374	ng	99
25) Isophorone	7.716	82	547306	42.156	ng	99
26) 2-Nitrophenol	7.798	139	166988	44.623	ng	97
27) 2,4-Dimethylphenol	7.828	122	289647	43.890	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	345453	42.595	ng	99
29) 2,4-Dichlorophenol	8.040	162	262198	43.688	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	281224	43.176	ng	97
31) Naphthalene	8.204	128	887970	42.590	ng	100
32) Benzoic acid	7.945	122	197475	49.157	ng	97
33) 4-Chloroaniline	8.251	127	124787	14.771	ng	98
34) Hexachlorobutadiene	8.322	225	170739	41.982	ng	99
35) Caprolactam	8.622	113	51554	30.585	ng	97
36) 4-Chloro-3-methylphenol	8.728	107	265204	43.118	ng	99
37) 2-Methylnaphthalene	8.892	142	545106	41.558	ng	99
38) 1-Methylnaphthalene	8.998	142	568966	41.936	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	277162	43.450	ng	99
41) Hexachlorocyclopentadiene	9.051	237	373738	86.854	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	193594	45.008	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	200628	44.226	ng	98
46) 1,1'-Biphenyl	9.363	154	750584	43.538	ng	99
47) 2-Chloronaphthalene	9.386	162	546224	42.884	ng	98
48) 2-Nitroaniline	9.481	65	164796	44.761	ng	97
49) Acenaphthylene	9.804	152	923899	42.956	ng	100
50) Dimethylphthalate	9.663	163	644336	43.945	ng	99
51) 2,6-Dinitrotoluene	9.722	165	142542	45.042	ng	98
52) Acenaphthene	9.975	154	612272	46.620	ng	99
53) 3-Nitroaniline	9.886	138	92825	26.855	ng	99
54) 2,4-Dinitrophenol	9.998	184	168581	103.110	ng	93
55) Dibenzofuran	10.145	168	795714	42.103	ng	99
56) 4-Nitrophenol	10.051	139	237271	93.033	ng	98
57) 2,4-Dinitrotoluene	10.128	165	189867	45.941	ng	99
58) Fluorene	10.492	166	603397	41.327	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	162843	43.000	ng	99
60) Diethylphthalate	10.363	149	614267	42.896	ng	100
61) 4-Chlorophenyl-phenyle...	10.481	204	292664	40.804	ng	99
62) 4-Nitroaniline	10.504	138	138753	44.261	ng	98
63) Azobenzene	10.645	77	625402	48.624	ng	93
65) 4,6-Dinitro-2-methylph...	10.533	198	100622	53.075	ng	95
66) n-Nitrosodiphenylamine	10.598	169	532127	45.785	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	172918	43.048	ng	98
68) Hexachlorobenzene	11.039	284	193464	43.546	ng	96
69) Atrazine	11.128	200	157847	51.140	ng	97
70) Pentachlorophenol	11.233	266	229457	91.479	ng	99
71) Phenanthrene	11.457	178	771961	42.521	ng	99
72) Anthracene	11.510	178	800162	43.185	ng	100
73) Carbazole	11.663	167	706960	44.631	ng	99
74) Di-n-butylphthalate	11.986	149	827065	47.701	ng	99
75) Fluoranthene	12.645	202	745998	43.975	ng	99
77) Benzidine	12.763	184	348617	46.834	ng	99
78) Pyrene	12.874	202	730681	39.158	ng	99
80) Butylbenzylphthalate	13.486	149	264282	51.257	ng	98
81) Benzo(a)anthracene	14.063	228	573102	42.906	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	87525	21.604	ng	100
83) Chrysene	14.098	228	509125	42.420	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	335816	50.877	ng	100
85) Di-n-octyl phthalate	14.663	149	555160	43.015	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	704862	42.696	ng	99
88) Benzo(b)fluoranthene	15.121	252	572200	43.965	ng	98
89) Benzo(k)fluoranthene	15.157	252	508038	41.677	ng	99
90) Benzo(a)pyrene	15.504	252	539017	43.937	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	571919	42.714	ng	99
92) Benzo(g,h,i)perylene	17.533	276	576513	43.048	ng	98

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

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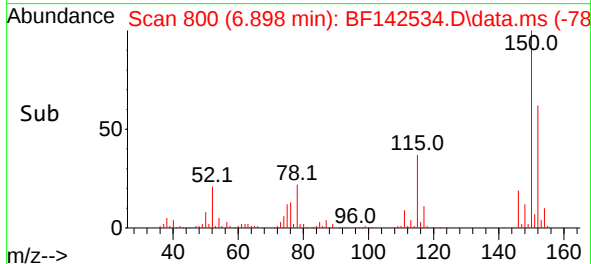
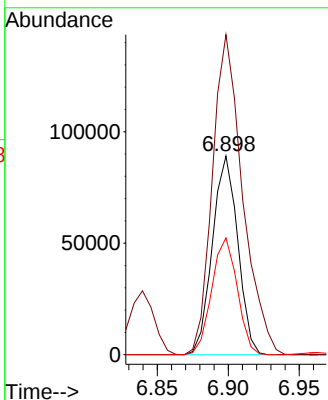
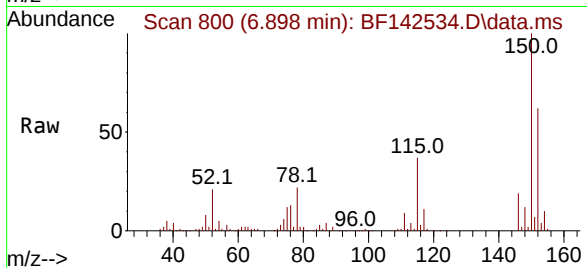




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142534.D
 Acq: 23 May 2025 14:39

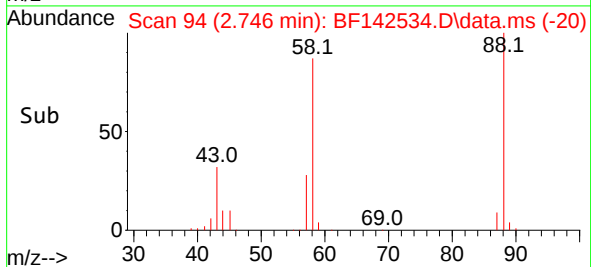
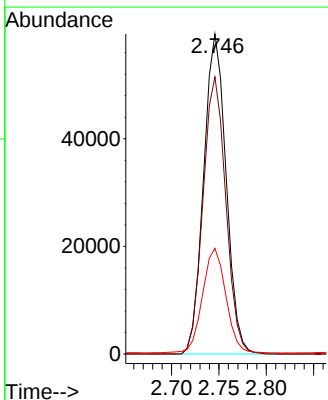
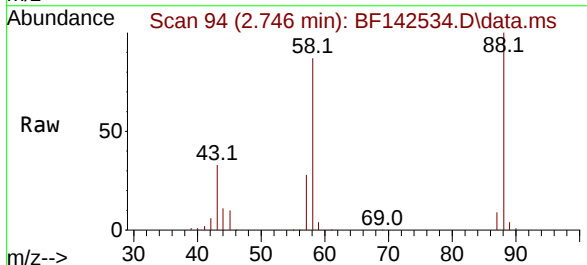
Instrument :
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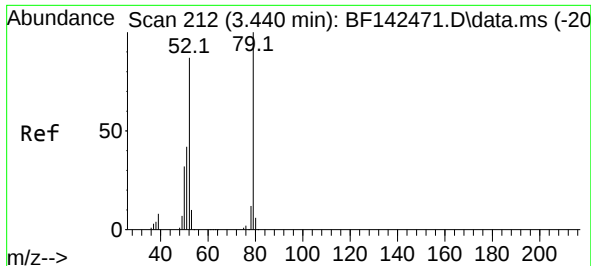
Tgt Ion:152 Resp: 110644
 Ion Ratio Lower Upper
 152 100
 150 161.2 128.2 192.4
 115 58.9 48.3 72.5



#2
 1,4-Dioxane
 Concen: 37.235 ng
 RT: 2.746 min Scan# 94
 Delta R.T. 0.083 min
 Lab File: BF142534.D
 Acq: 23 May 2025 14:39

Tgt Ion: 88 Resp: 97853
 Ion Ratio Lower Upper
 88 100
 58 87.9 70.8 106.2
 43 34.0 26.6 40.0





#3

Pyridine

Concen: 39.971 ng

RT: 3.499 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

Instrument :

BNA_F

ClientSampleId :

RBR200044MS

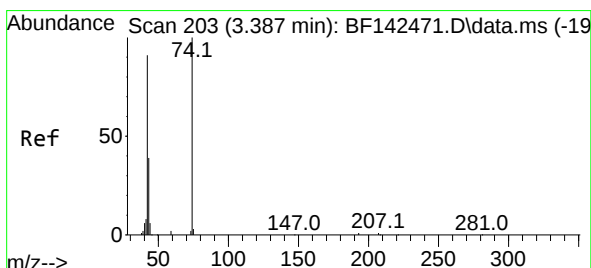
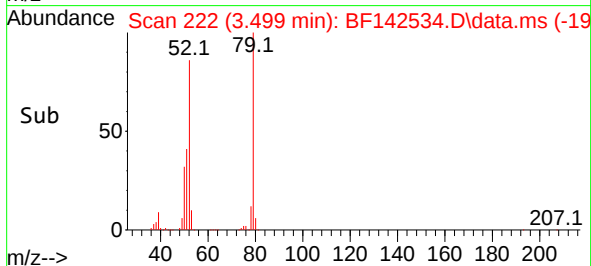
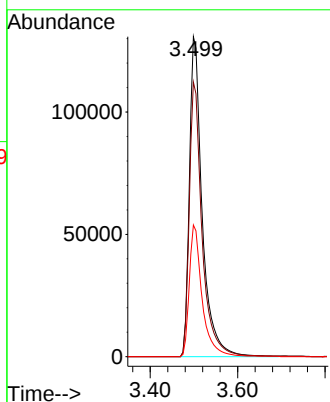
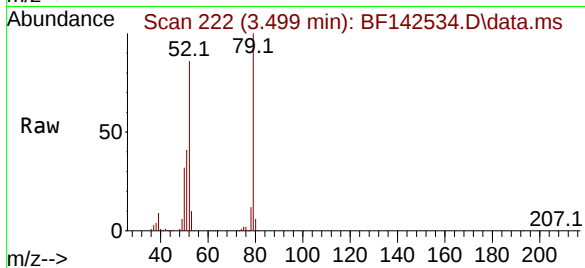
Tgt Ion: 79 Resp: 267494

Ion Ratio Lower Upper

79 100

52 85.8 69.2 103.8

51 41.1 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 43.273 ng

RT: 3.457 min Scan# 215

Delta R.T. 0.053 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

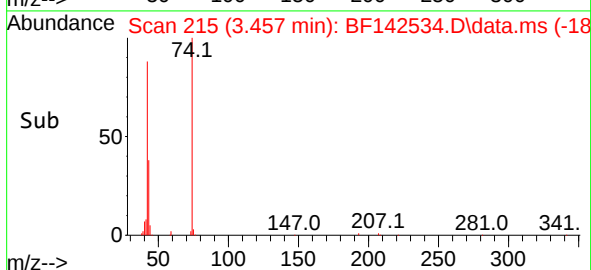
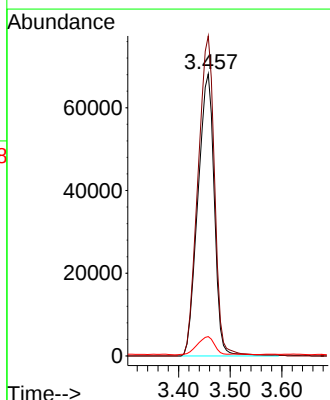
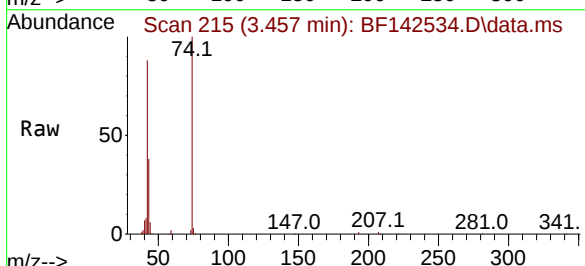
Tgt Ion: 42 Resp: 150364

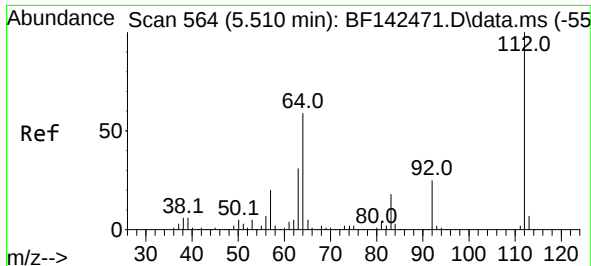
Ion Ratio Lower Upper

42 100

74 113.4 88.2 132.4

44 6.8 5.4 8.2

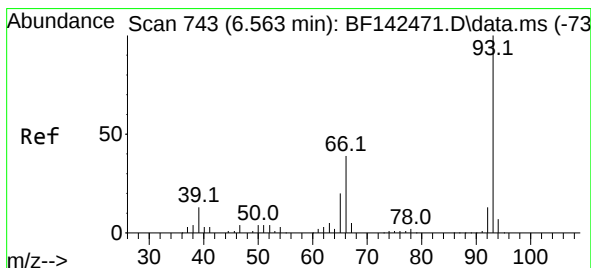
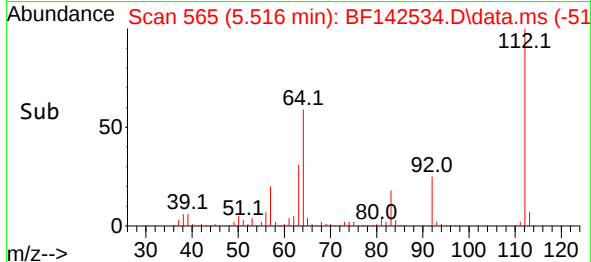
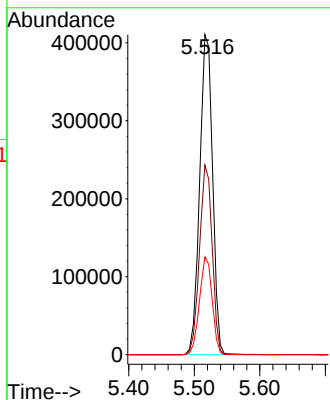
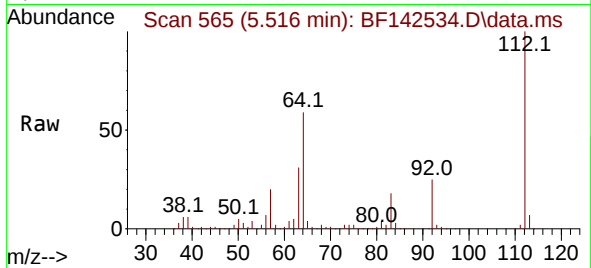




#5
2-Fluorophenol
Concen: 85.743 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

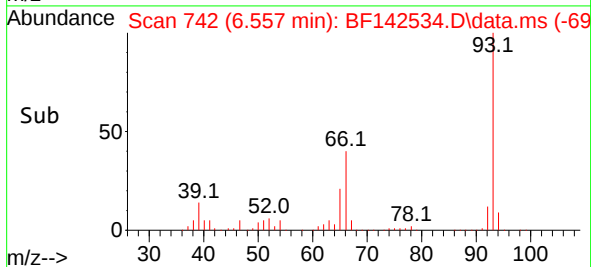
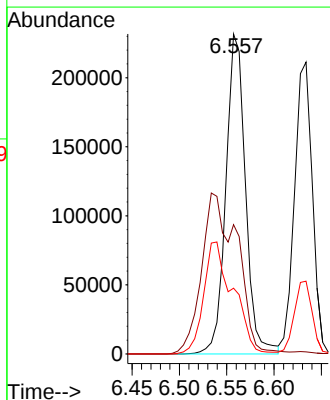
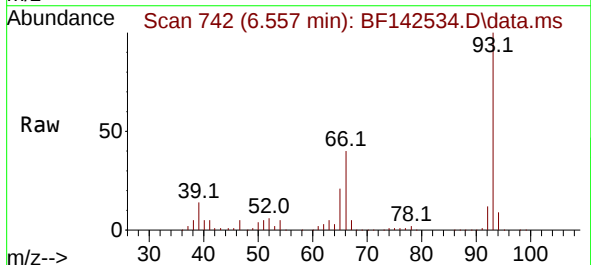
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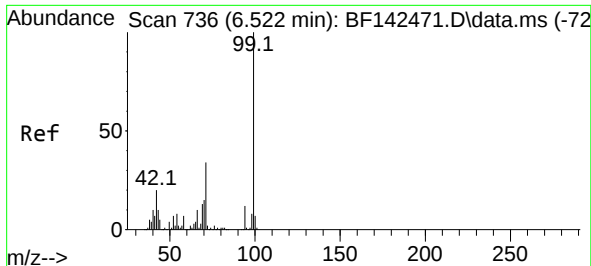
Tgt Ion:112 Resp: 563106
Ion Ratio Lower Upper
112 100
64 59.2 47.5 71.3
63 30.6 24.9 37.3



#6
Aniline
Concen: 31.470 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion: 93 Resp: 334516
Ion Ratio Lower Upper
93 100
66 40.4 32.0 48.0
65 20.6 16.1 24.1

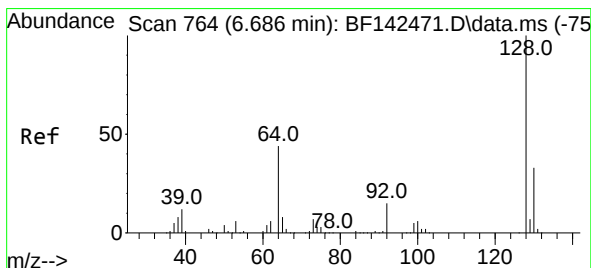
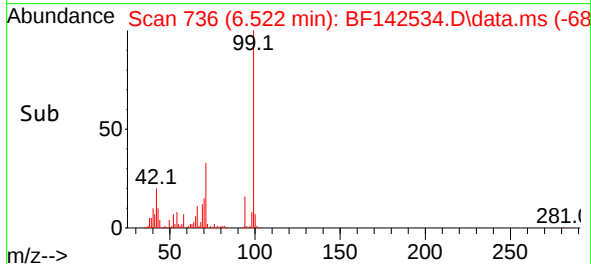
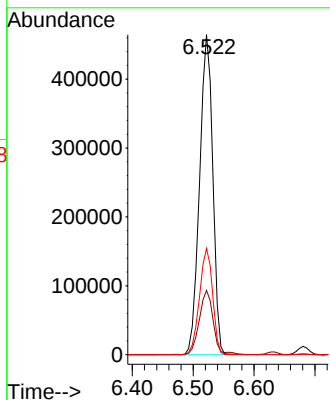
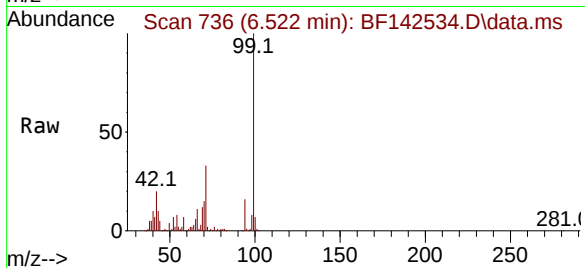




#7
Phenol-d6
Concen: 88.503 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

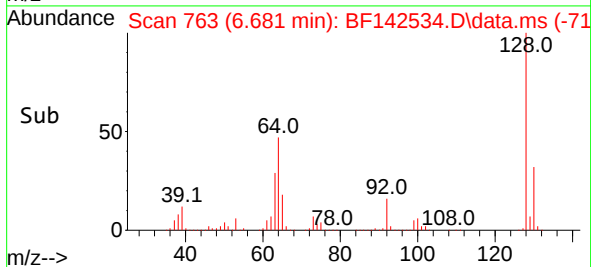
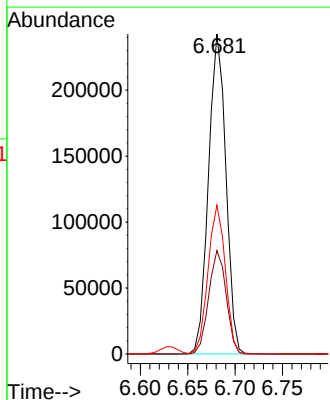
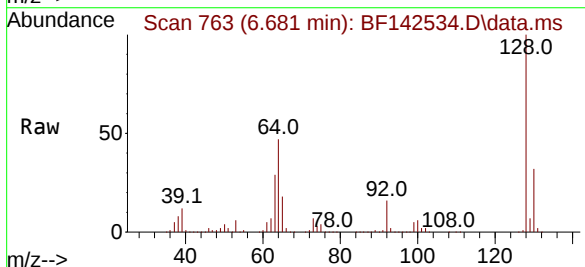
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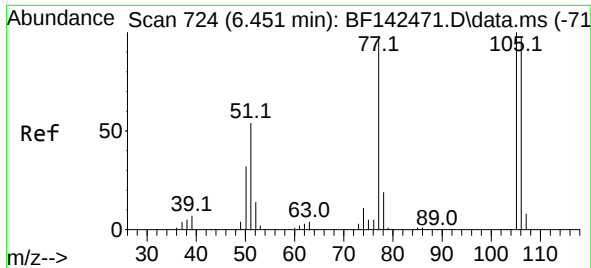
Tgt Ion: 99 Resp: 699667
Ion Ratio Lower Upper
99 100
42 20.1 16.2 24.2
71 33.3 27.3 40.9



#8
2-Chlorophenol
Concen: 43.263 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
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Tgt Ion:128 Resp: 309470
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 46.5 25.1 65.1





#9

Benzaldehyde

Concen: 39.580 ng

RT: 6.446 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

Instrument :

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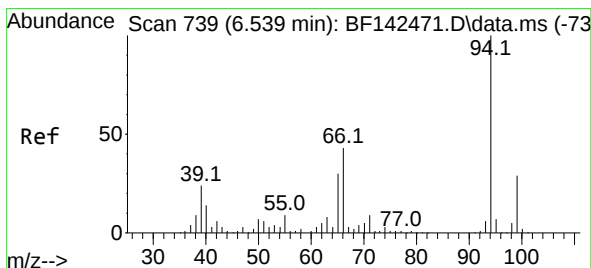
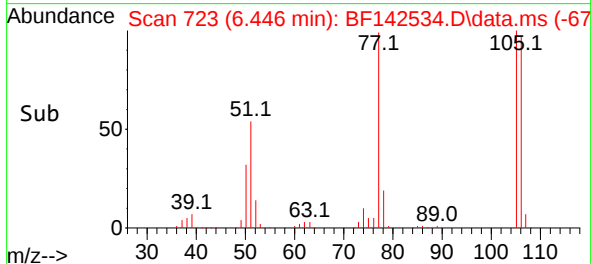
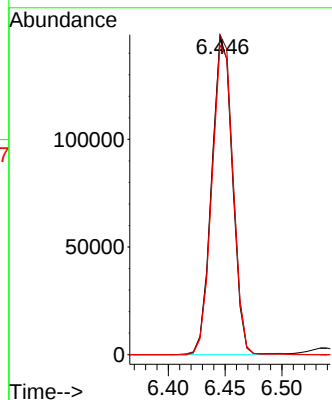
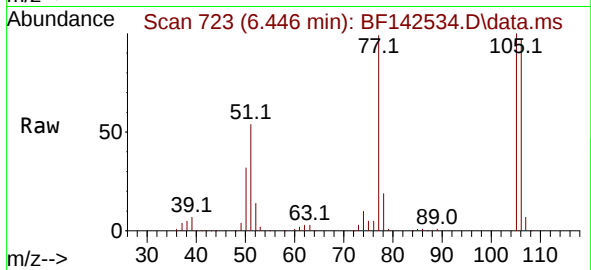
Tgt Ion: 77 Resp: 188197

Ion Ratio Lower Upper

77 100

105 100.6 82.5 122.5

106 97.2 80.0 120.0



#10

Phenol

Concen: 43.545 ng

RT: 6.540 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

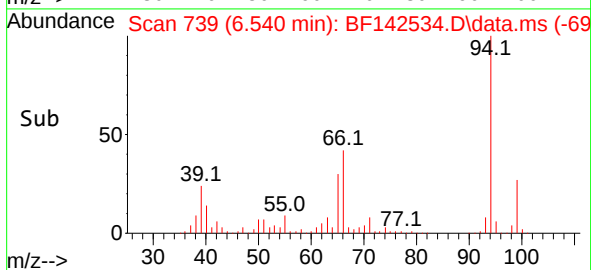
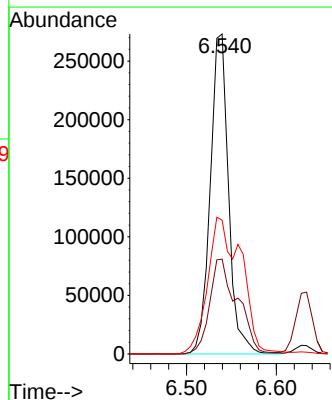
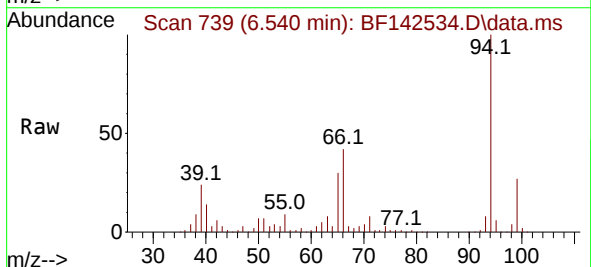
Tgt Ion: 94 Resp: 387353

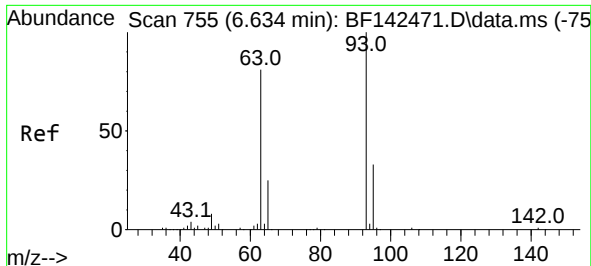
Ion Ratio Lower Upper

94 100

65 29.7 10.3 50.3

66 41.8 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 43.157 ng

RT: 6.634 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

Instrument :

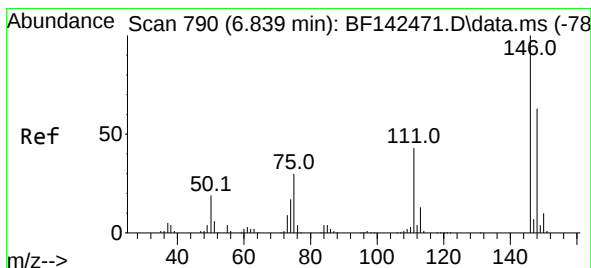
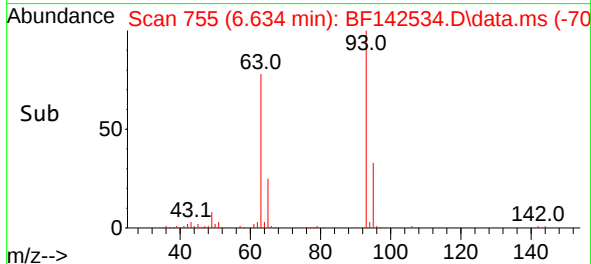
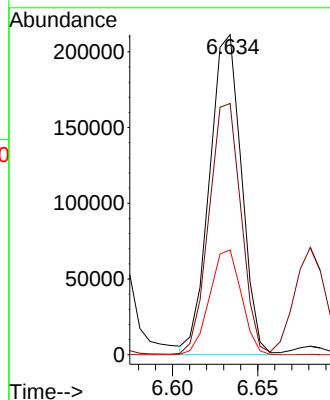
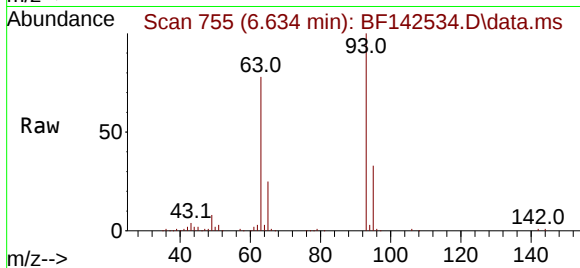
BNA_F

ClientSampleId :

RBR200044MS

Tgt Ion: 93 Resp: 276344

Ion	Ratio	Lower	Upper
93	100		
63	78.5	60.2	100.2
95	32.7	12.3	52.3



#12

1,3-Dichlorobenzene

Concen: 41.302 ng

RT: 6.840 min Scan# 790

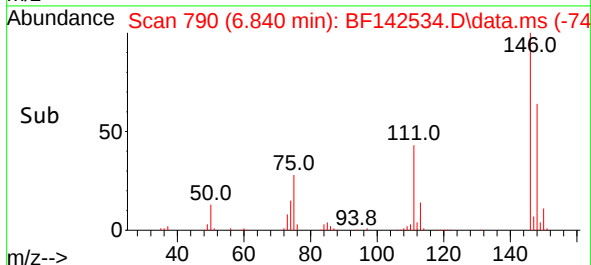
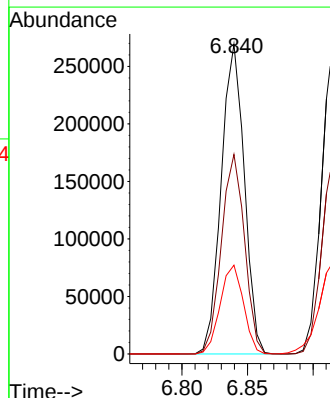
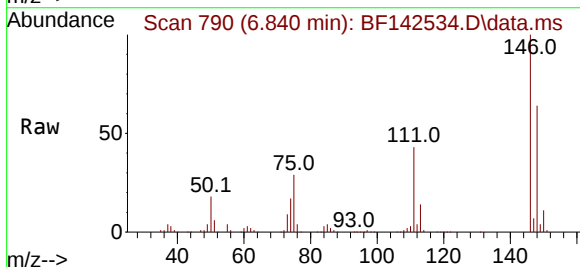
Delta R.T. -0.006 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

Tgt Ion: 146 Resp: 329671

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
75	28.7	23.8	35.6

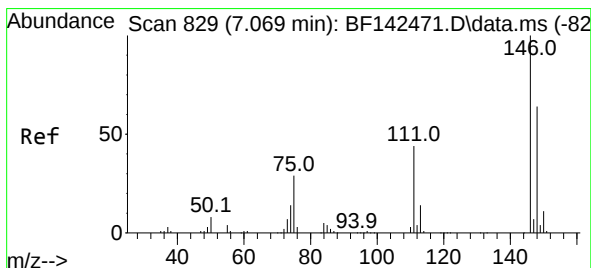
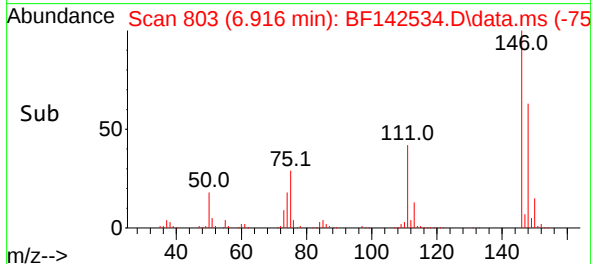
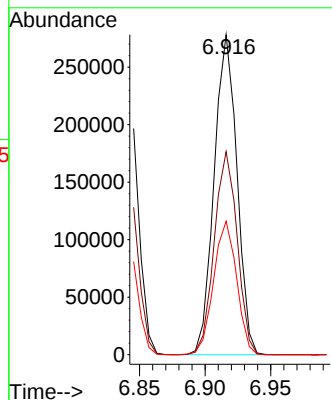
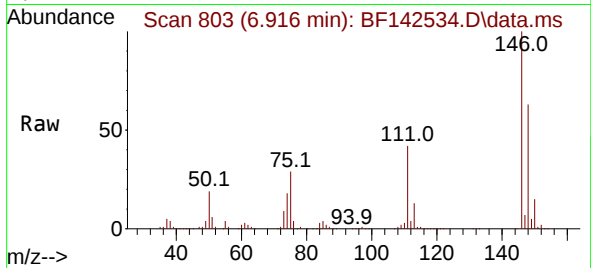




#13
1,4-Dichlorobenzene
Concen: 41.848 ng
RT: 6.916 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

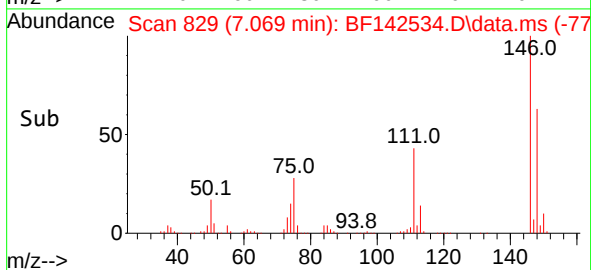
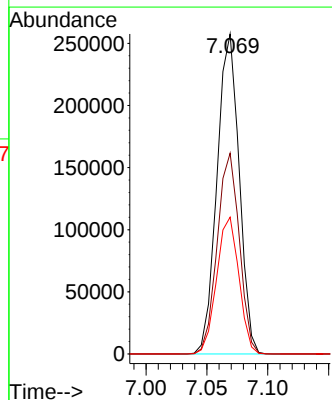
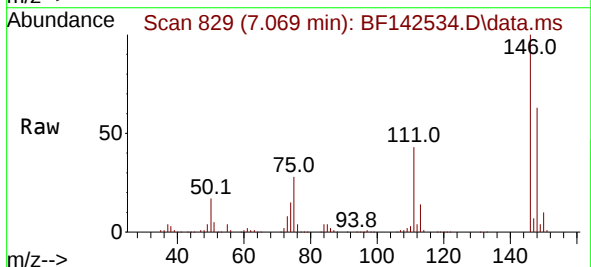
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

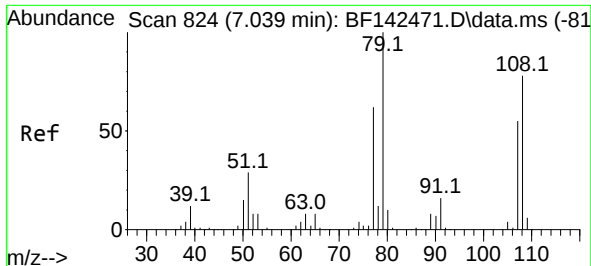
Tgt Ion:146 Resp: 336471
Ion Ratio Lower Upper
146 100
148 63.4 50.4 75.6
111 41.7 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 42.384 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:146 Resp: 326084
Ion Ratio Lower Upper
146 100
148 62.7 51.0 76.4
111 42.8 35.0 52.6

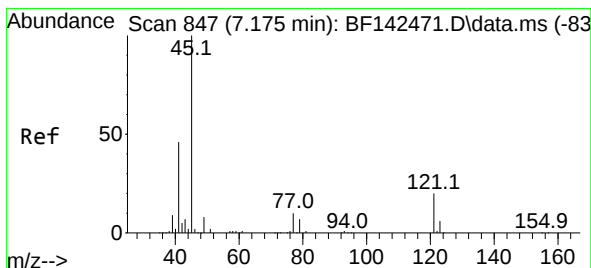
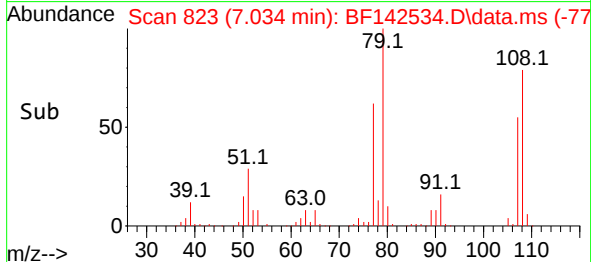
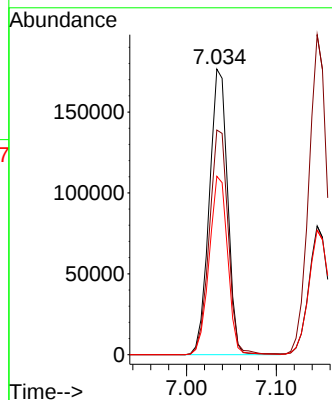
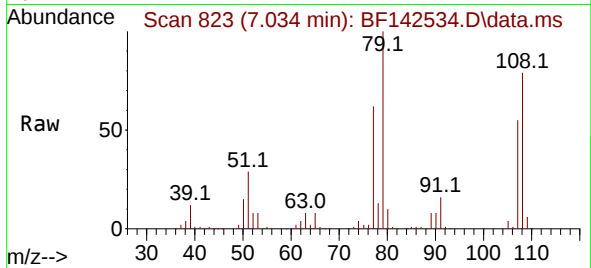




#15
Benzyl Alcohol
Concen: 42.965 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

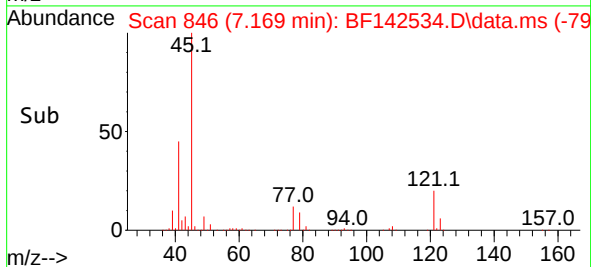
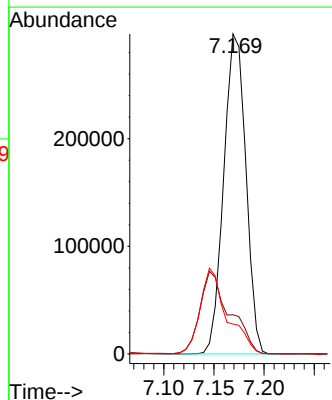
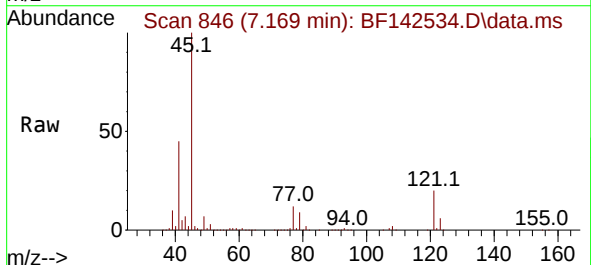
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

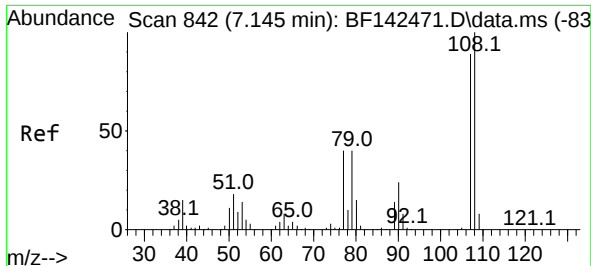
Tgt Ion: 79 Resp: 251010
Ion Ratio Lower Upper
79 100
108 78.7 62.1 93.1
77 62.5 49.5 74.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.457 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion: 45 Resp: 456552
Ion Ratio Lower Upper
45 100
77 12.3 0.0 32.0
79 9.3 0.0 29.2

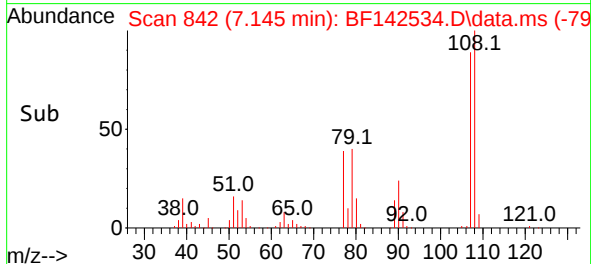
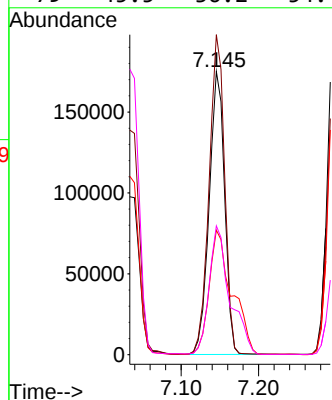
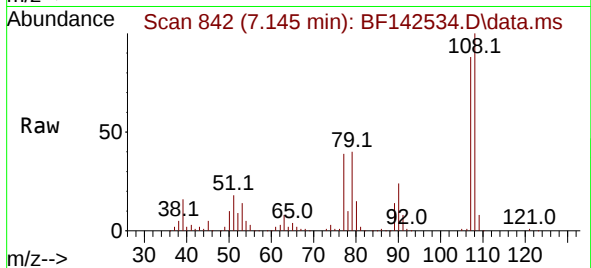




#17
2-Methylphenol
Concen: 43.389 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

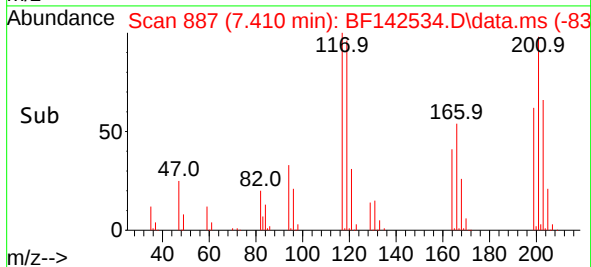
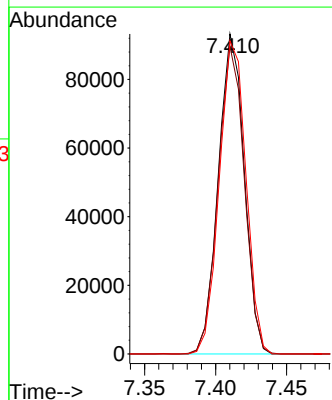
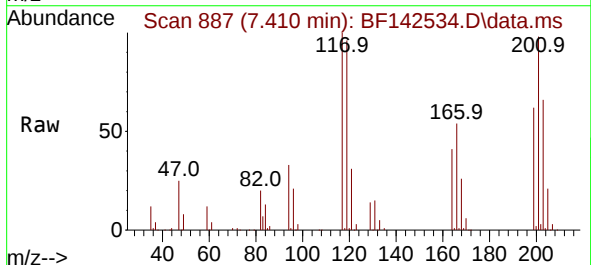
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

Tgt Ion:107 Resp: 242324
Ion Ratio Lower Upper
107 100
108 113.0 90.2 135.2
77 43.9 36.1 54.1
79 45.5 36.2 54.4



#18
Hexachloroethane
Concen: 42.165 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:117 Resp: 118382
Ion Ratio Lower Upper
117 100
119 96.1 76.6 114.8
201 97.9 81.3 121.9



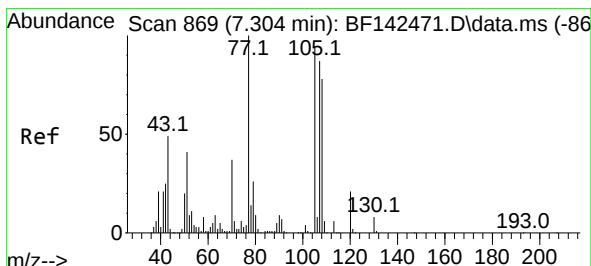
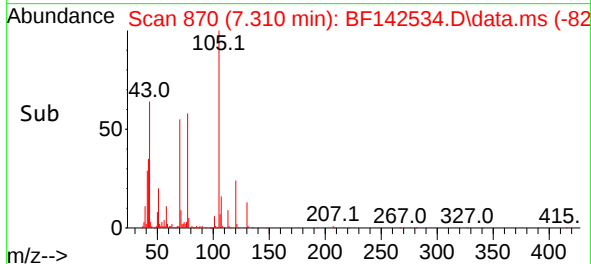
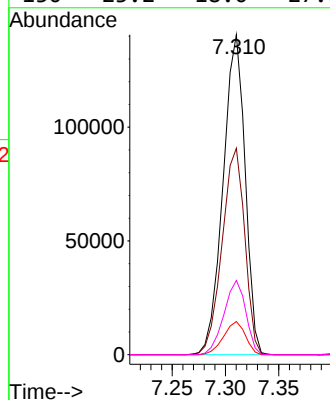
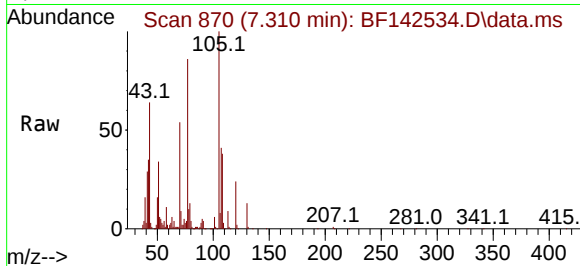


#19
n-Nitroso-di-n-propylamine
Concen: 41.257 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.017 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Instrument :
BNA_F
ClientSampleId :
RBR200044MS

Tgt Ion: 70 Resp: 202140

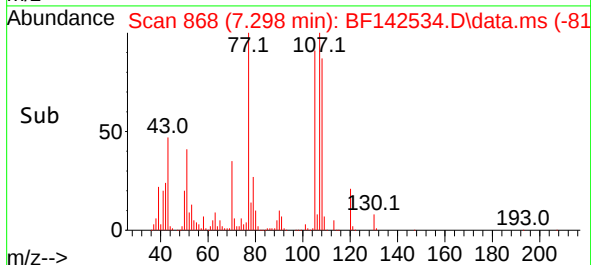
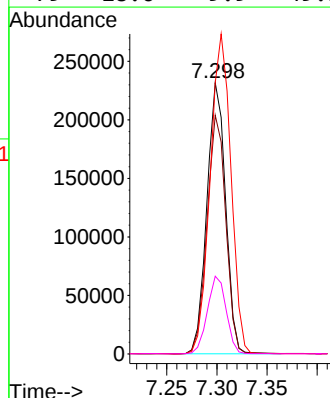
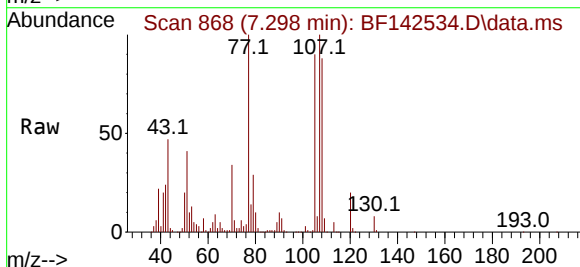
Ion	Ratio	Lower	Upper
70	100		
42	64.5	52.4	78.6
101	10.4	7.8	11.8
130	23.2	18.0	27.0

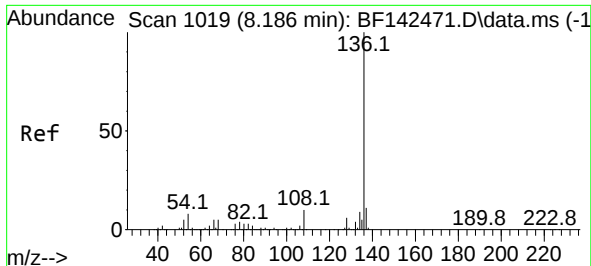


#20
3+4-Methylphenols
Concen: 42.110 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion: 107 Resp: 301166

Ion	Ratio	Lower	Upper
107	100		
108	88.1	70.4	110.4
77	100.0	95.4	135.4
79	28.6	9.9	49.9

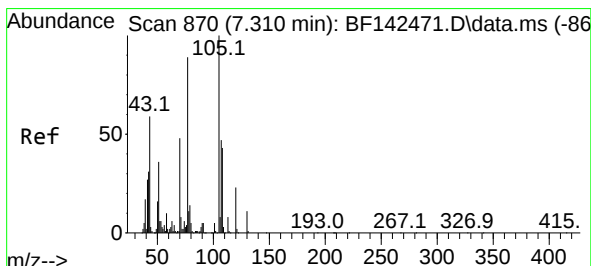
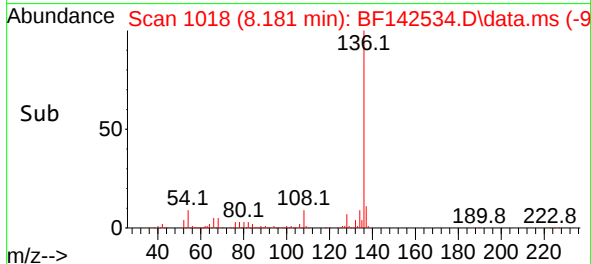
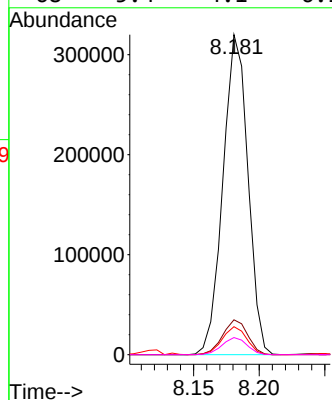
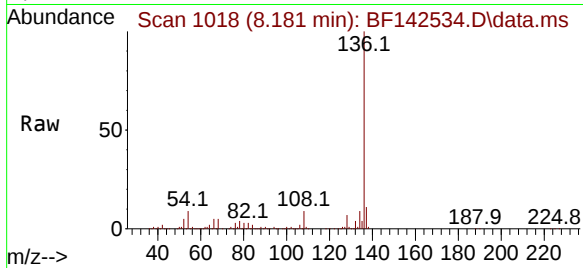




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

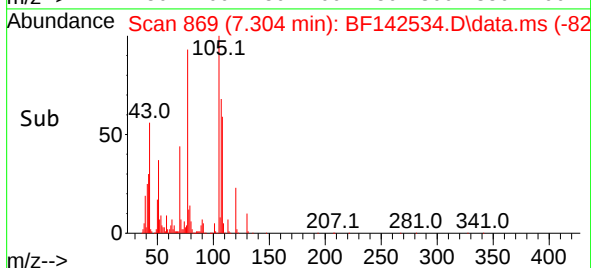
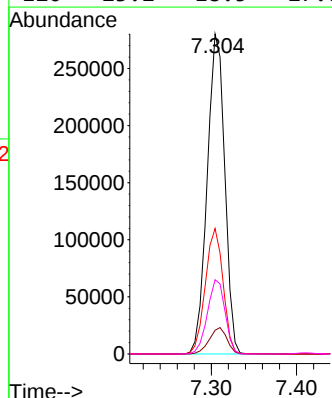
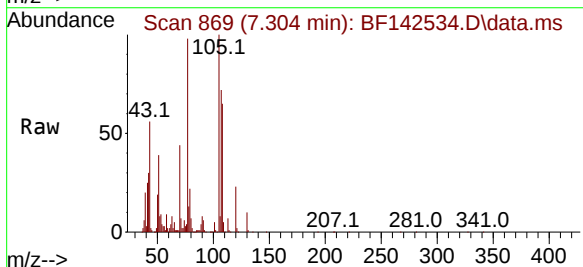
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

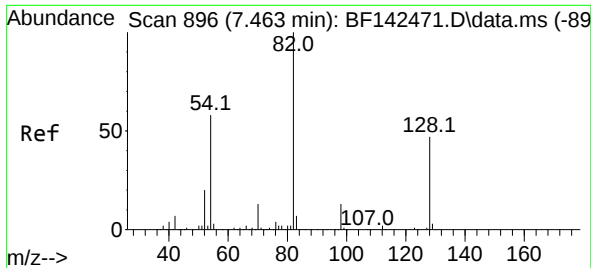
Tgt Ion:136 Resp: 423426
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.7 6.6 10.0
68 5.4 4.1 6.1



#22
Acetophenone
Concen: 42.949 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:105 Resp: 402571
Ion Ratio Lower Upper
105 100
71 7.4 6.4 9.6
51 39.2 28.6 42.8
120 23.2 18.5 27.7

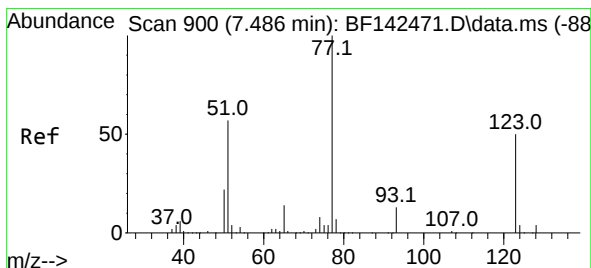
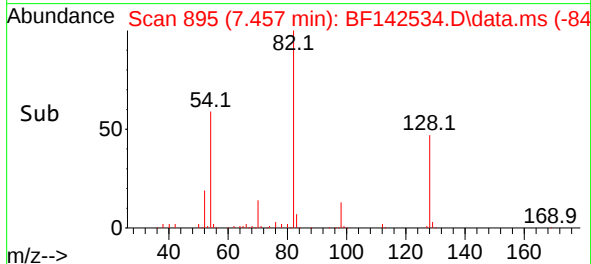
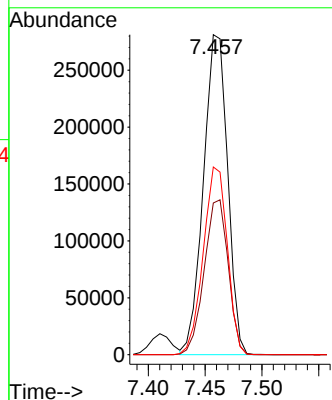
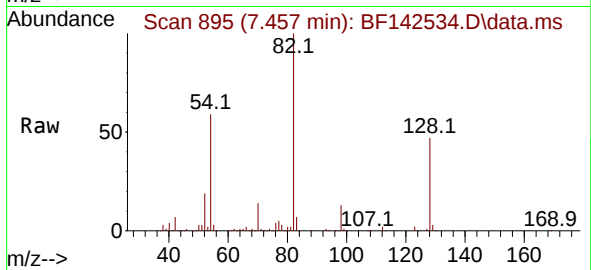




#23
Nitrobenzene-d5
Concen: 53.663 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

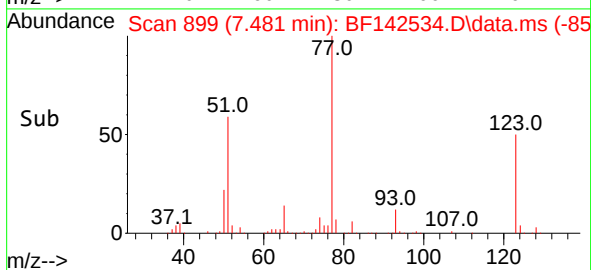
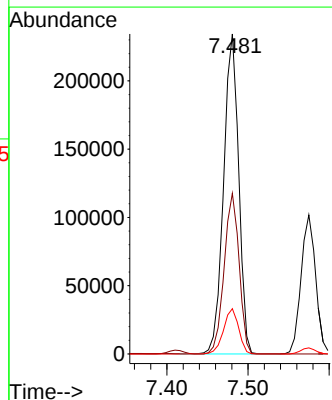
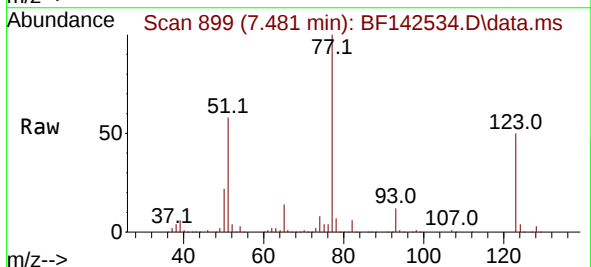
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

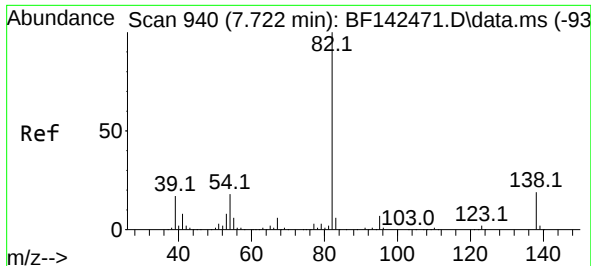
Tgt Ion: 82 Resp: 416700
Ion Ratio Lower Upper
82 100
128 47.4 37.4 56.2
54 58.7 46.6 70.0



#24
Nitrobenzene
Concen: 43.374 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion: 77 Resp: 303773
Ion Ratio Lower Upper
77 100
123 50.2 40.6 61.0
65 14.1 11.4 17.2

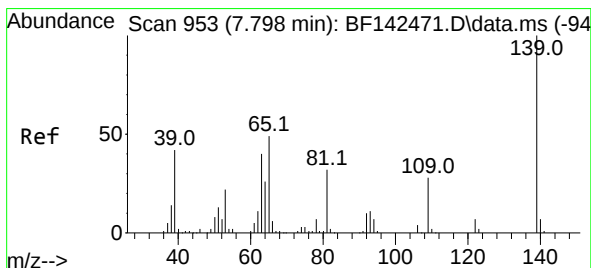
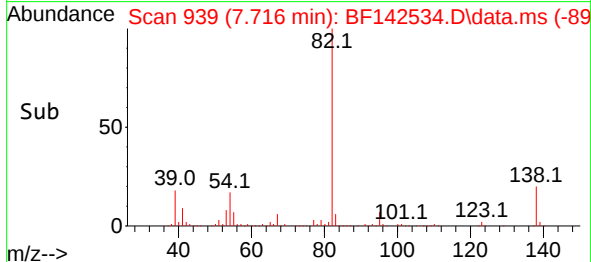
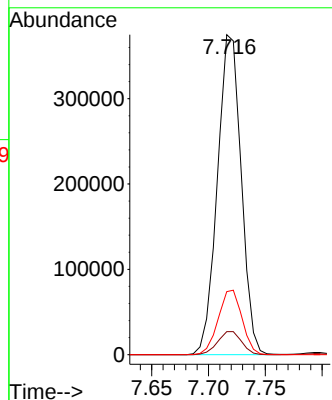
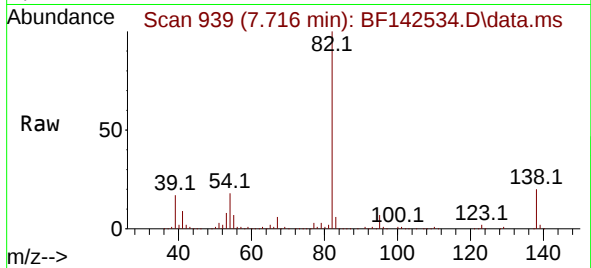




#25
Isophorone
Concen: 42.156 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

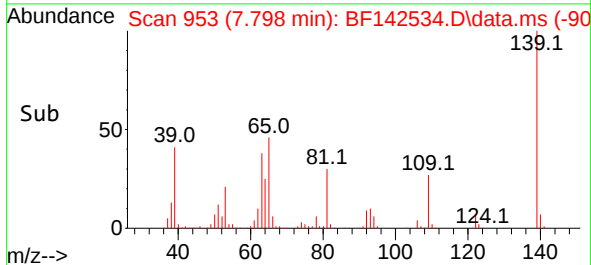
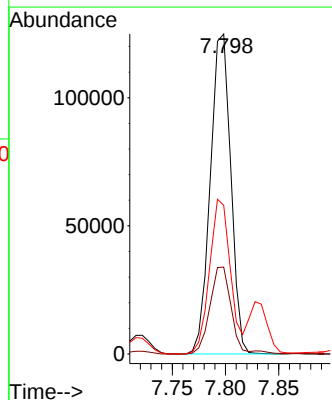
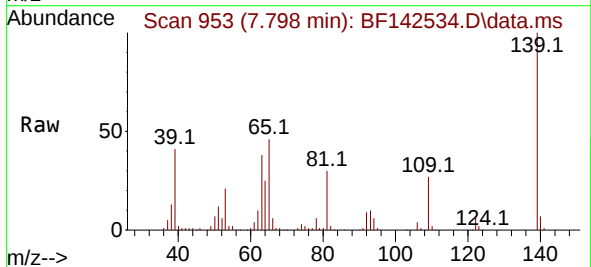
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

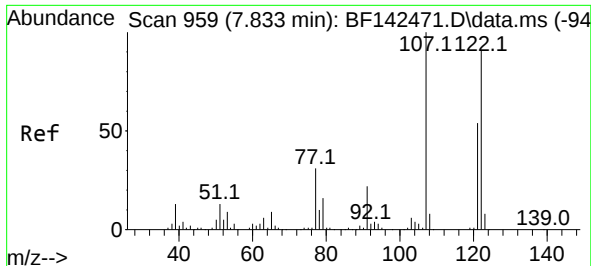
Tgt Ion: 82 Resp: 547306
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 19.7 15.5 23.3



#26
2-Nitrophenol
Concen: 44.623 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:139 Resp: 166988
Ion Ratio Lower Upper
139 100
109 27.2 22.6 33.8
65 46.5 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 43.890 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

Instrument :

BNA_F

ClientSampleId :

RBR200044MS

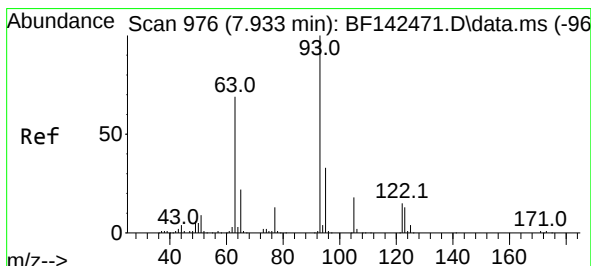
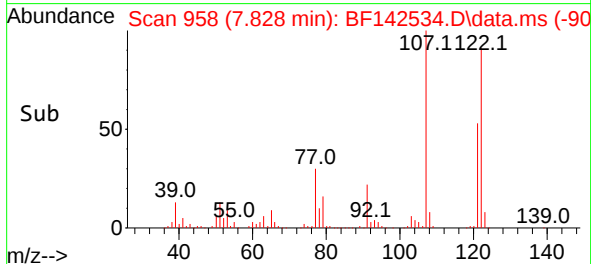
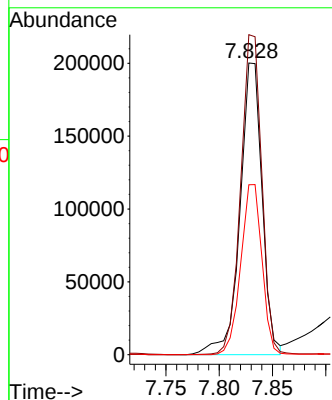
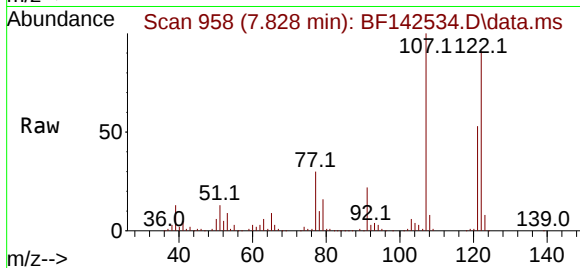
Tgt Ion:122 Resp: 289647

Ion Ratio Lower Upper

122 100

107 109.7 88.1 132.1

121 58.3 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 42.595 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

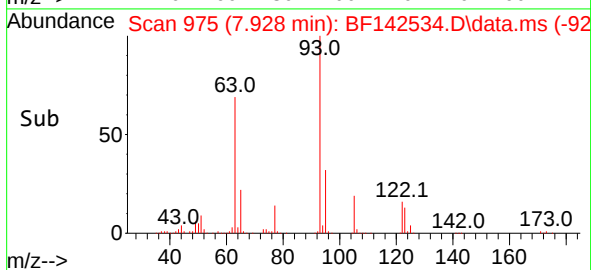
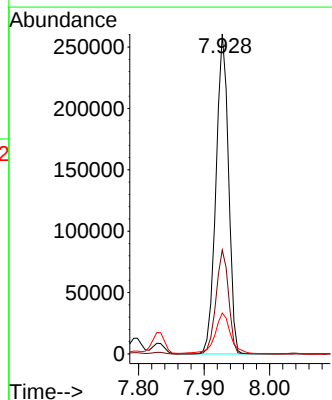
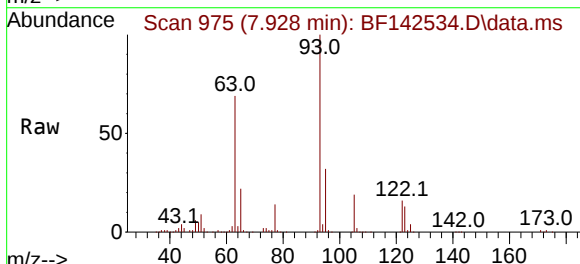
Tgt Ion: 93 Resp: 345453

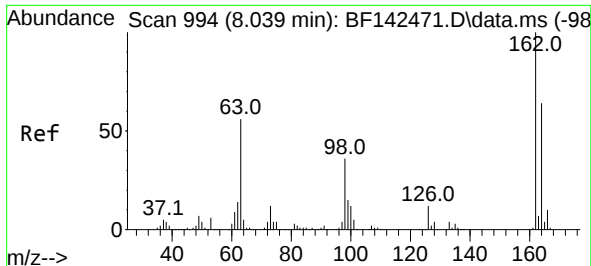
Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

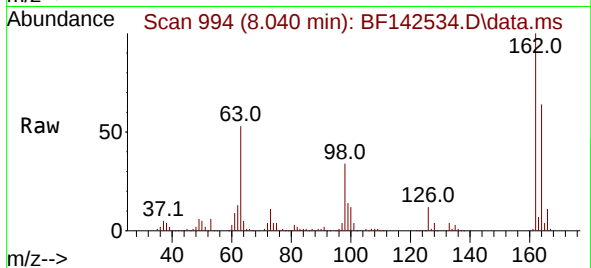
123 12.8 10.6 15.8



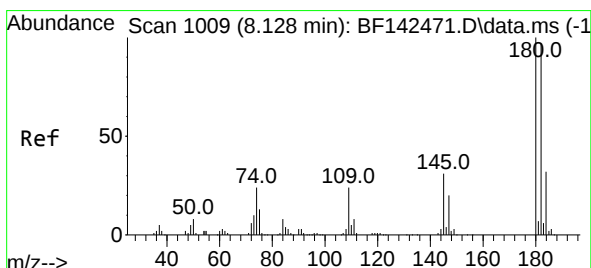
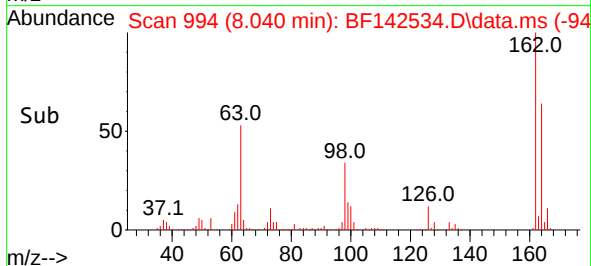
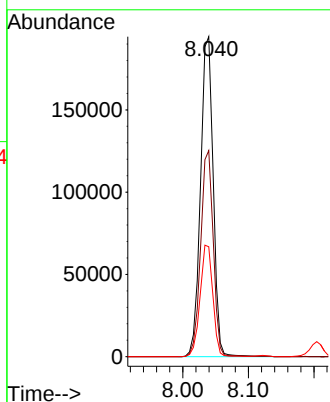


#29
2,4-Dichlorophenol
Concen: 43.688 ng
RT: 8.040 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Instrument :
BNA_F
ClientSampleId :
RBR200044MS

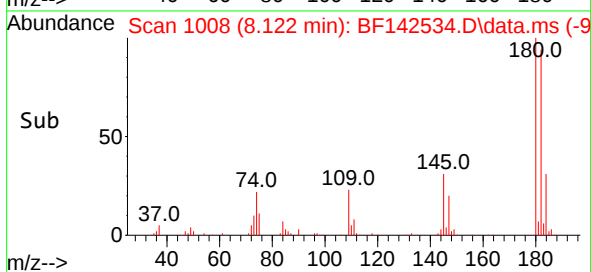
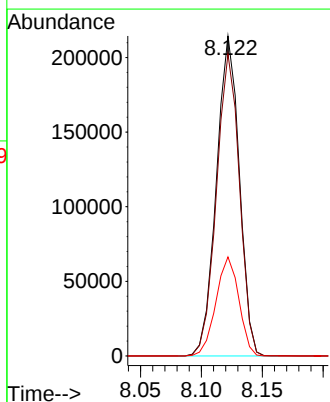
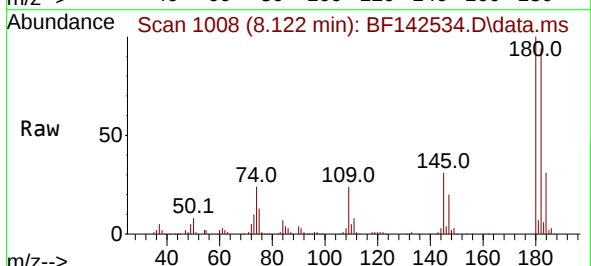


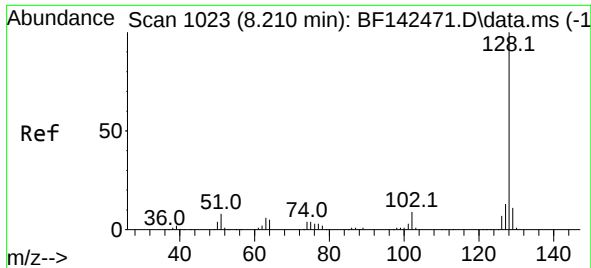
Tgt Ion:162 Resp: 262198
Ion Ratio Lower Upper
162 100
164 64.4 43.7 83.7
98 34.3 15.5 55.5



#30
1,2,4-Trichlorobenzene
Concen: 43.176 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:180 Resp: 281224
Ion Ratio Lower Upper
180 100
182 94.4 78.0 117.0
145 31.0 25.0 37.6

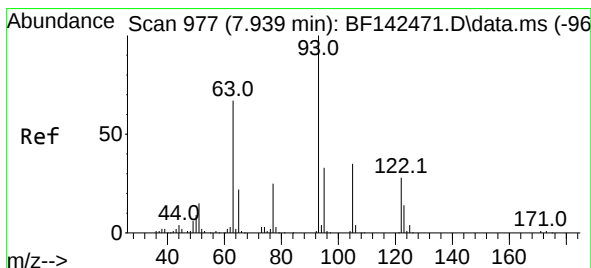
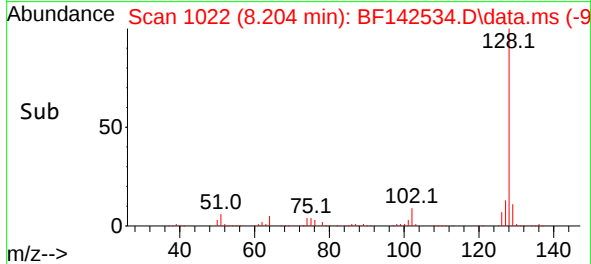
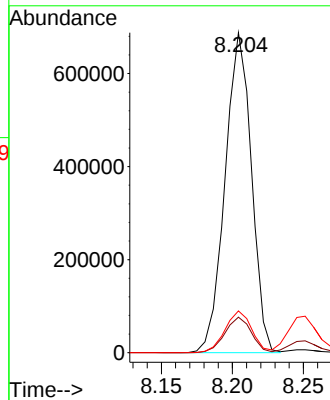
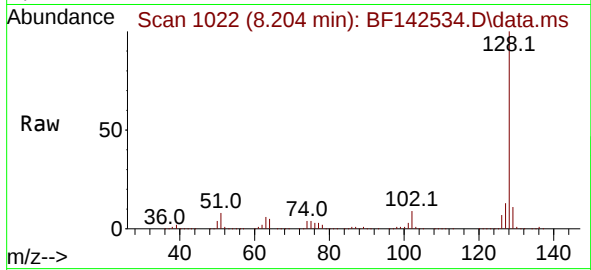




#31
Naphthalene
Concen: 42.590 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

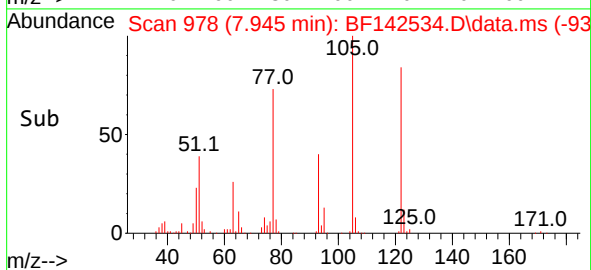
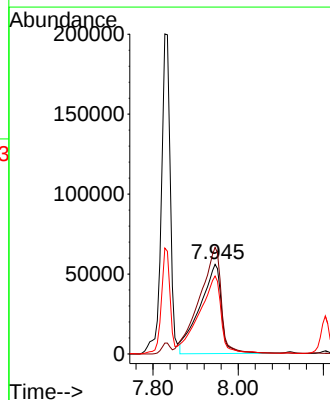
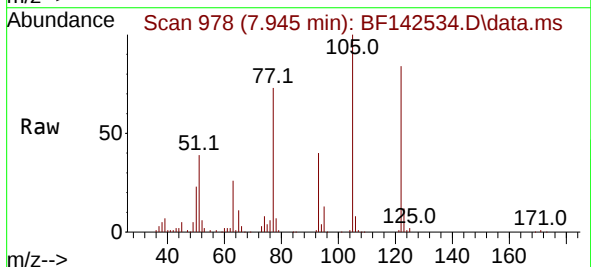
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

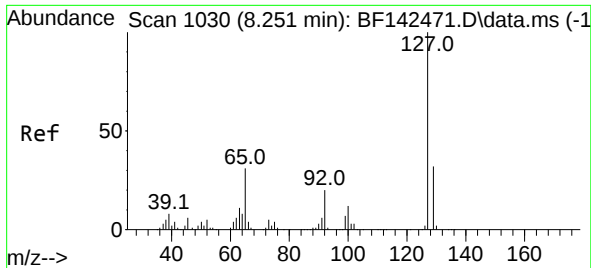
Tgt Ion:128 Resp: 887970
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 49.157 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.030 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:122 Resp: 197475
Ion Ratio Lower Upper
122 100
105 118.8 101.7 141.7
77 86.8 69.5 109.5

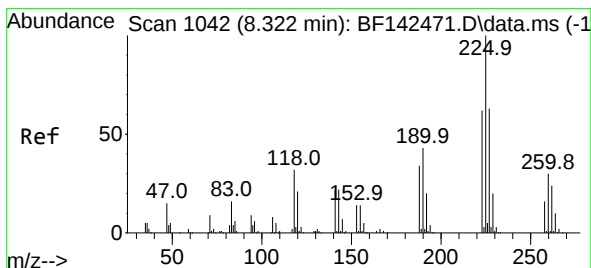
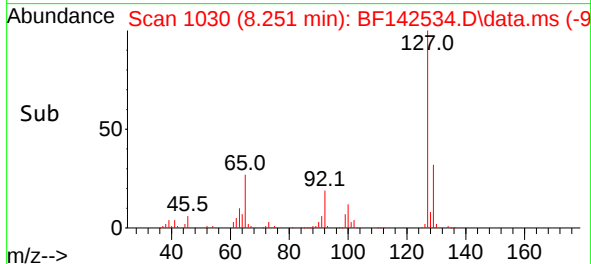
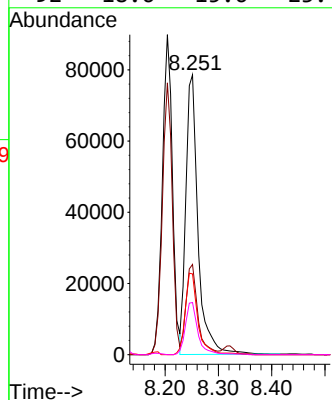
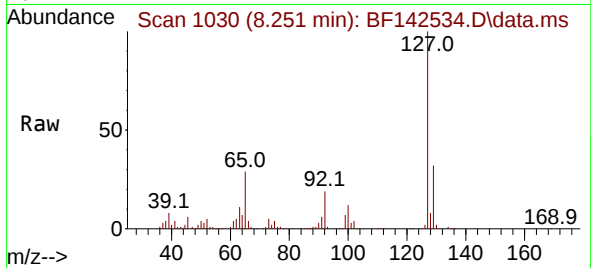




#33
4-Chloroaniline
Concen: 14.771 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

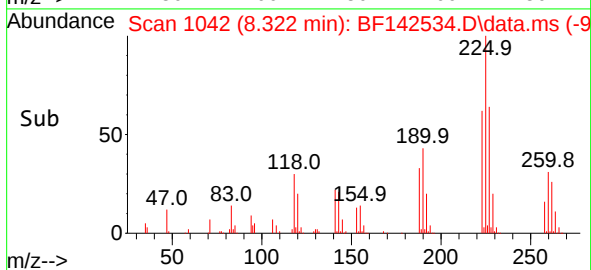
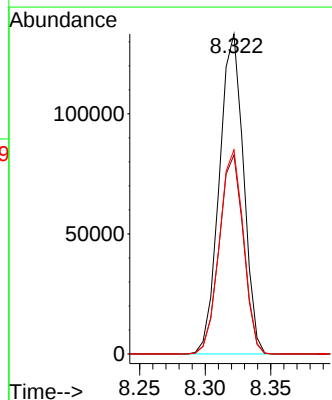
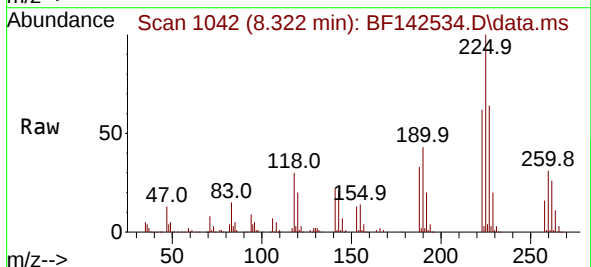
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

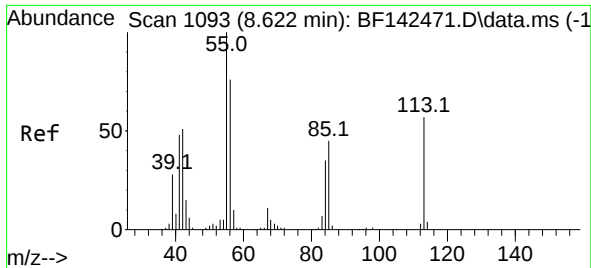
Tgt Ion:	127	Resp:	124787
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	28.9	24.9	37.3
92	18.6	15.6	23.4



#34
Hexachlorobutadiene
Concen: 41.982 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:	225	Resp:	170739
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	63.8	50.3	75.5

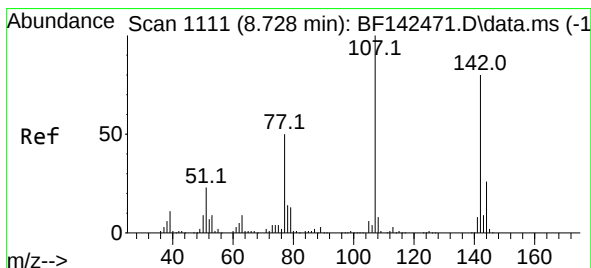
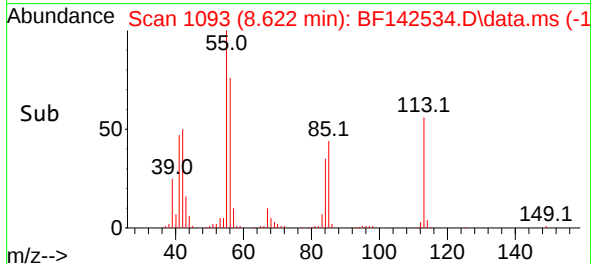
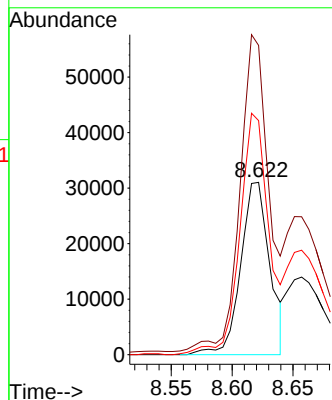
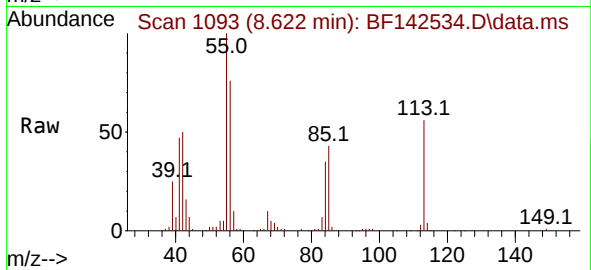




#35
 Caprolactam
 Concen: 30.585 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.023 min
 Lab File: BF142534.D
 Acq: 23 May 2025 14:39

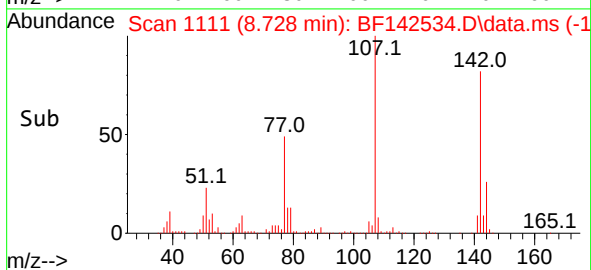
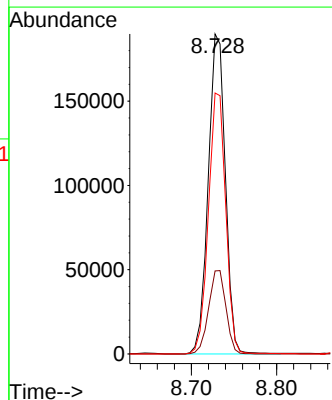
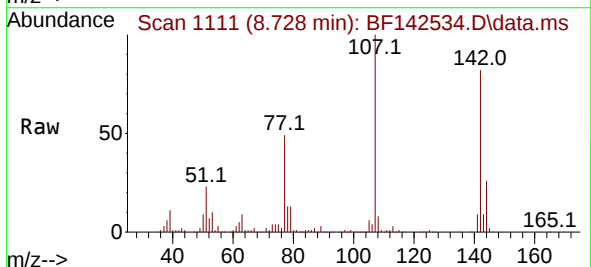
Instrument :
 BNA_F
 ClientSampleId :
 RBR200044MS

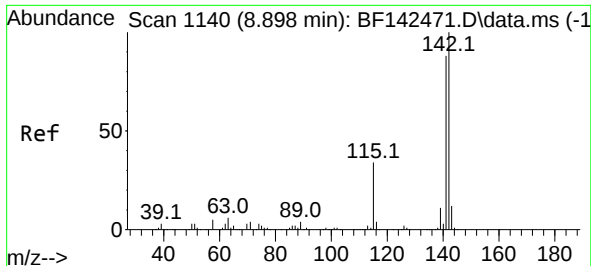
Tgt Ion:113 Resp: 51554
 Ion Ratio Lower Upper
 113 100
 55 179.4 154.7 194.7
 56 135.8 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 43.118 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF142534.D
 Acq: 23 May 2025 14:39

Tgt Ion:107 Resp: 265204
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.9 31.3
 142 81.6 64.2 96.2





#37

2-Methylnaphthalene

Concen: 41.558 ng

RT: 8.892 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

Instrument :

BNA_F

ClientSampleId :

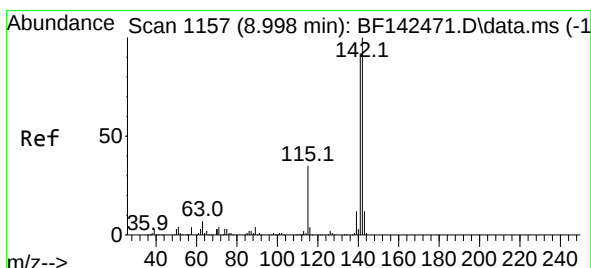
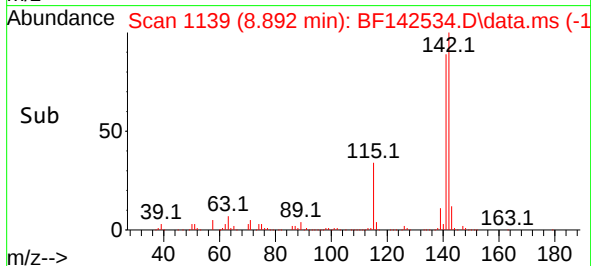
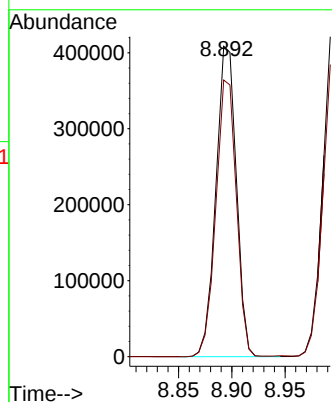
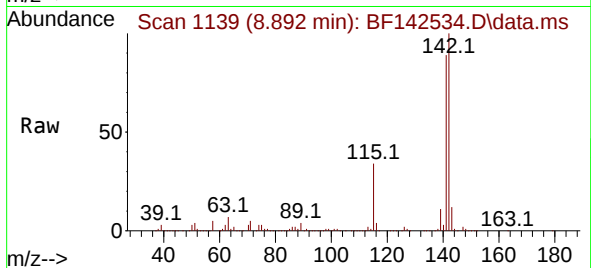
RBR200044MS

Tgt Ion:142 Resp: 545106

Ion Ratio Lower Upper

142 100

141 89.1 70.7 106.1



#38

1-Methylnaphthalene

Concen: 41.936 ng

RT: 8.998 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF142534.D

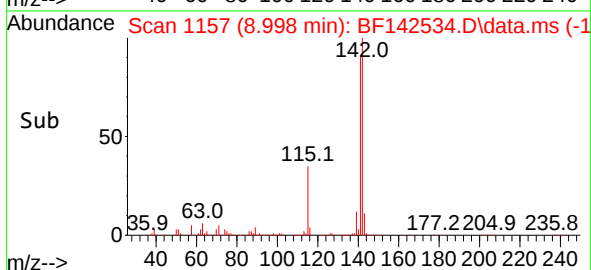
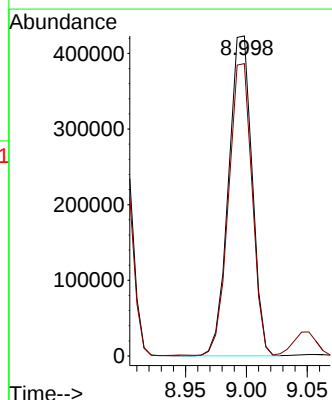
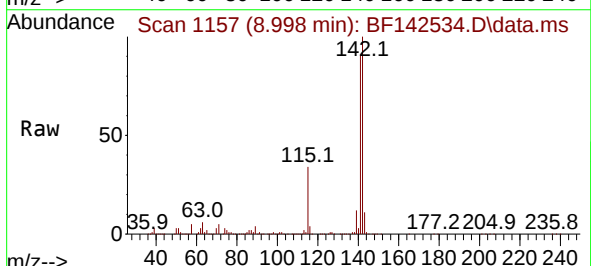
Acq: 23 May 2025 14:39

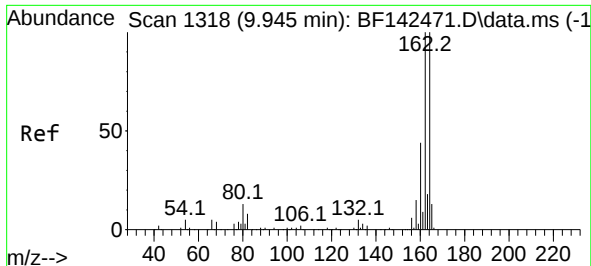
Tgt Ion:142 Resp: 568966

Ion Ratio Lower Upper

142 100

141 91.4 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

Instrument :

BNA_F

ClientSampleId :

RBR200044MS

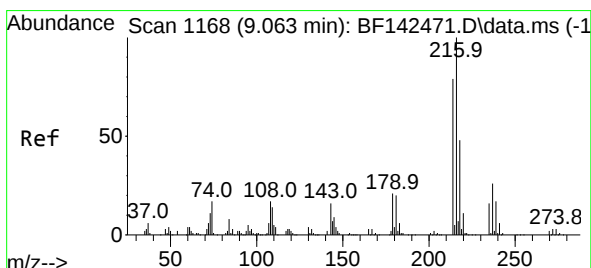
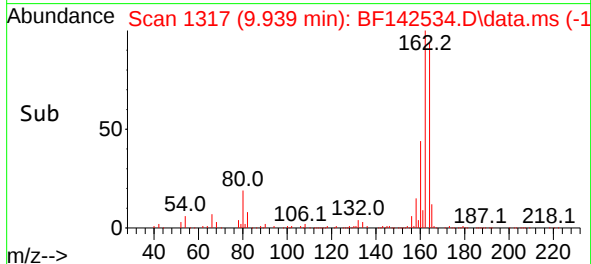
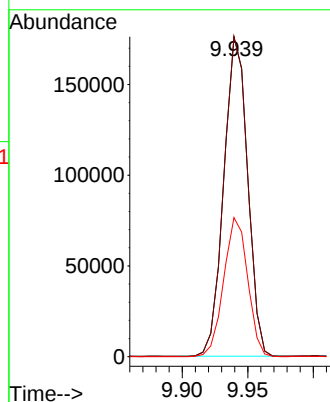
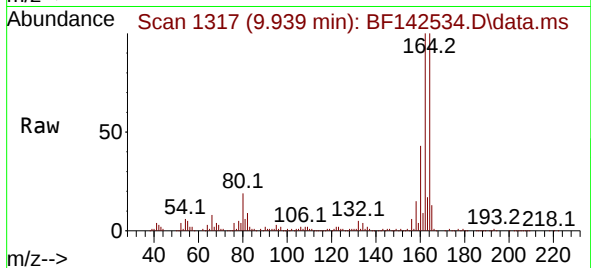
Tgt Ion:164 Resp: 222214

Ion Ratio Lower Upper

164 100

162 100.0 80.2 120.4

160 43.5 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.450 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

Tgt Ion:216 Resp: 277162

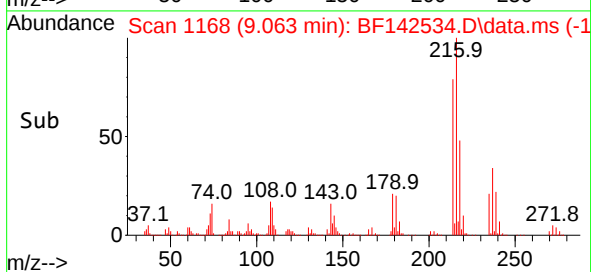
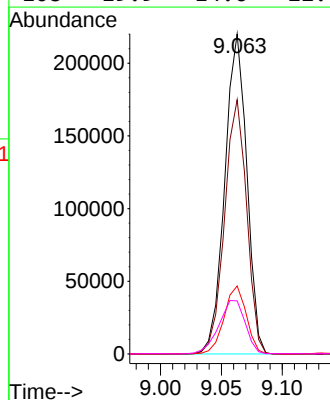
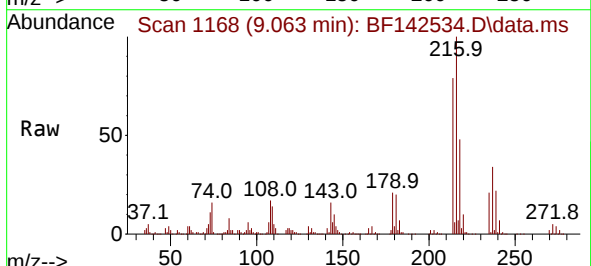
Ion Ratio Lower Upper

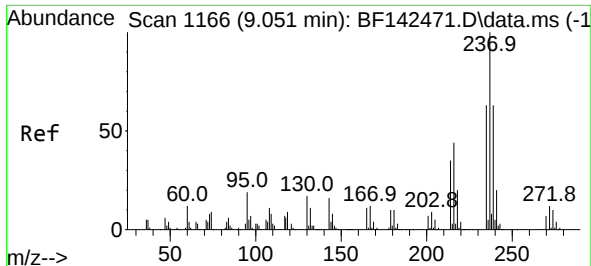
216 100

214 79.5 62.9 94.3

179 21.6 16.9 25.3

108 19.9 14.6 22.0

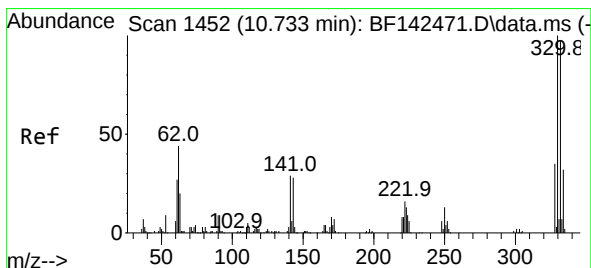
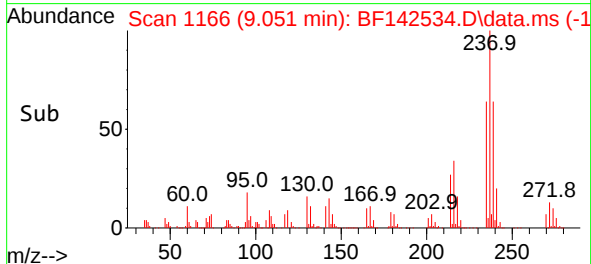
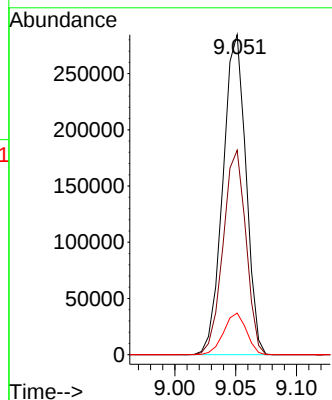
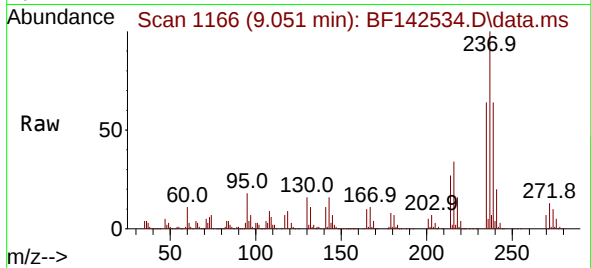




#41
Hexachlorocyclopentadiene
Concen: 86.854 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

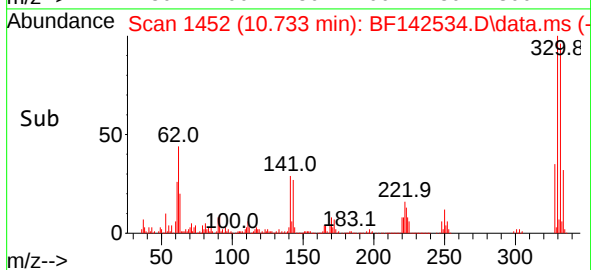
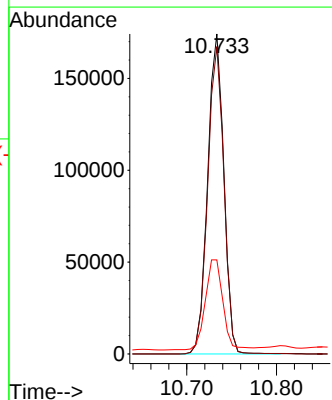
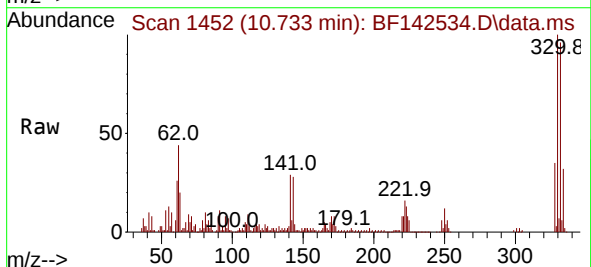
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

Tgt Ion:237 Resp: 373738
Ion Ratio Lower Upper
237 100
235 63.9 43.3 83.3
272 13.0 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 88.549 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:330 Resp: 218388
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 30.5 24.6 36.8

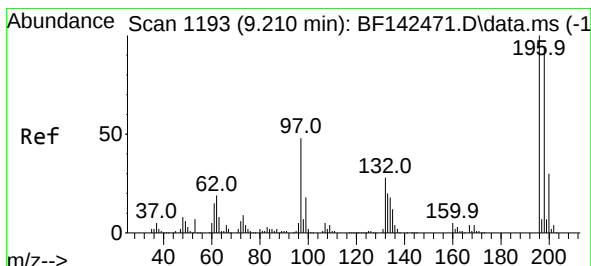
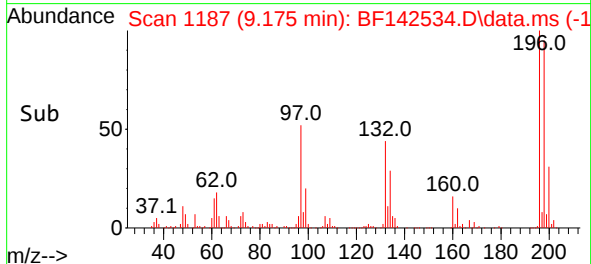
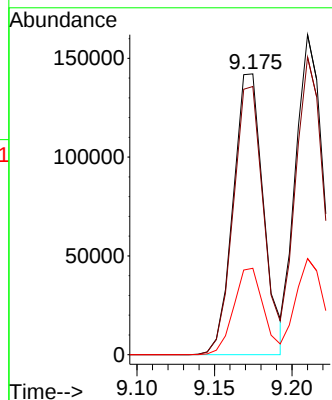
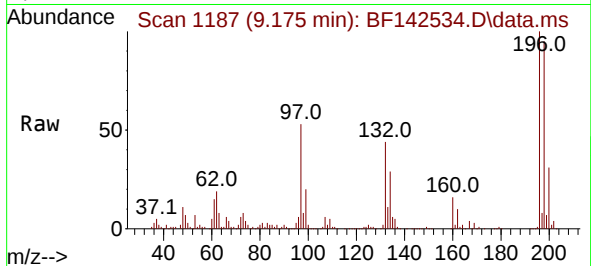




#43
 2,4,6-Trichlorophenol
 Concen: 45.008 ng
 RT: 9.175 min Scan# 1187
 Delta R.T. 0.000 min
 Lab File: BF142534.D
 Acq: 23 May 2025 14:39

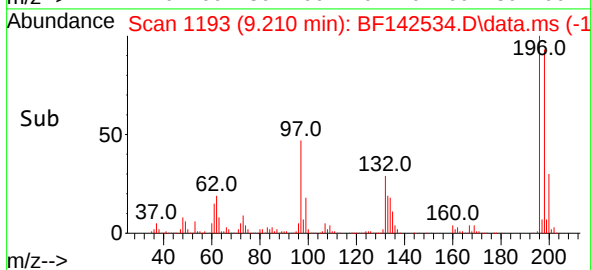
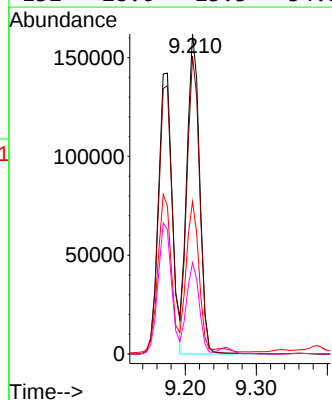
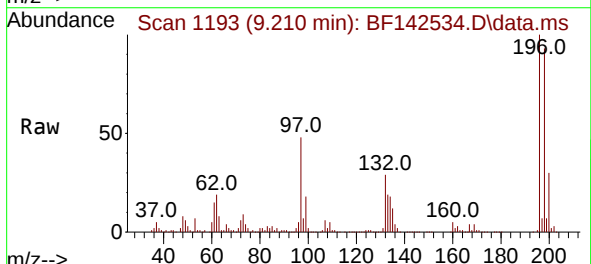
Instrument :
 BNA_F
 ClientSampleId :
 RBR200044MS

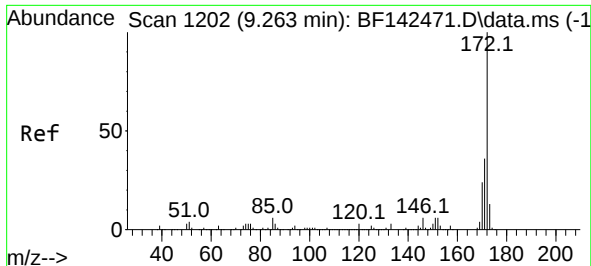
Tgt Ion:196 Resp: 193594
 Ion Ratio Lower Upper
 196 100
 198 95.5 78.8 118.2
 200 30.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.226 ng
 RT: 9.210 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: BF142534.D
 Acq: 23 May 2025 14:39

Tgt Ion:196 Resp: 200628
 Ion Ratio Lower Upper
 196 100
 198 93.0 75.5 113.3
 97 47.6 39.3 58.9
 132 28.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 52.862 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

Instrument :

BNA_F

ClientSampleId :

RBR200044MS

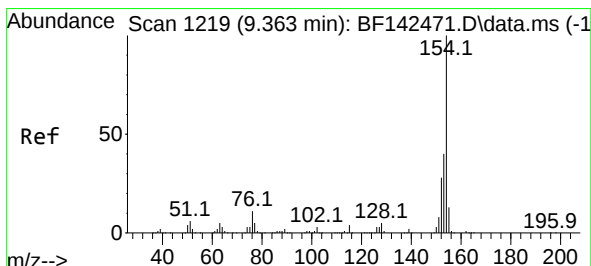
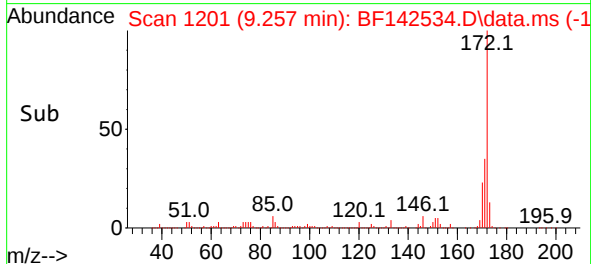
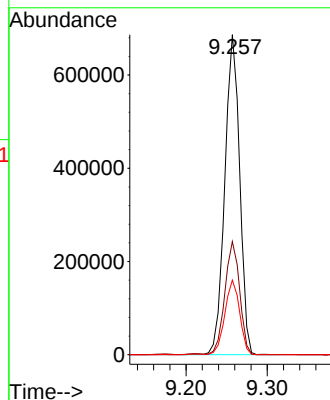
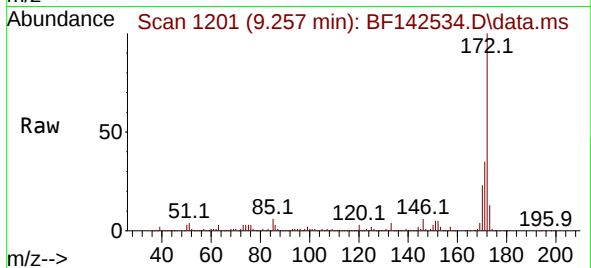
Tgt Ion:172 Resp: 875409

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.3 18.9 28.3



#46

1,1'-Biphenyl

Concen: 43.538 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

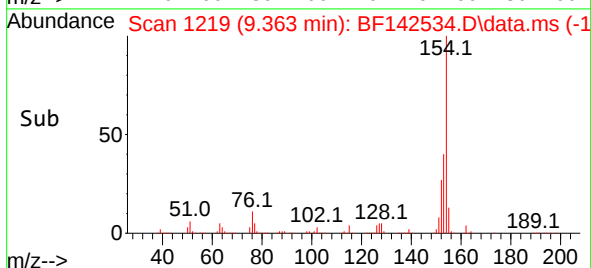
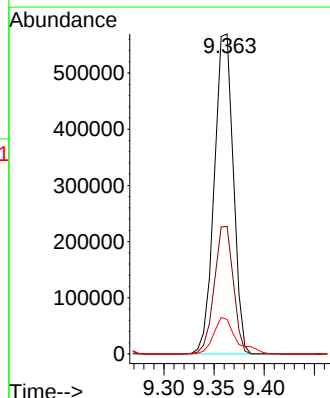
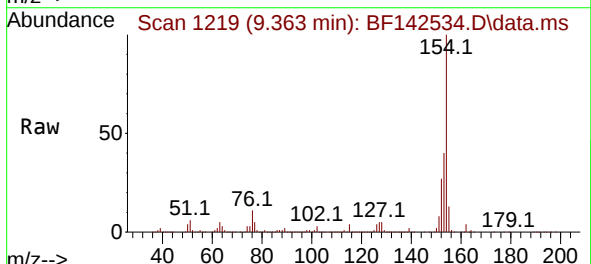
Tgt Ion:154 Resp: 750584

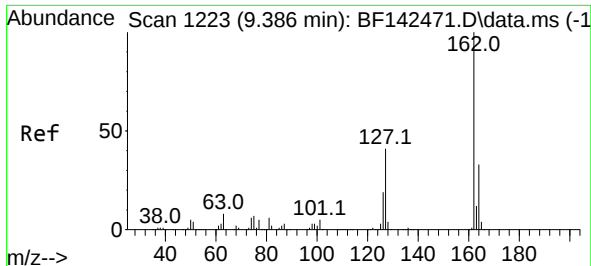
Ion Ratio Lower Upper

154 100

153 39.9 20.4 60.4

76 10.8 0.0 30.8

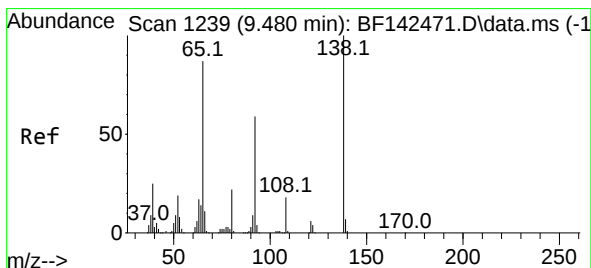
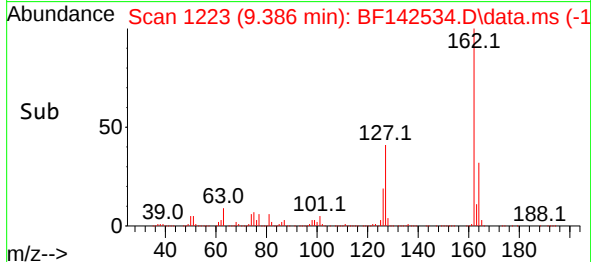
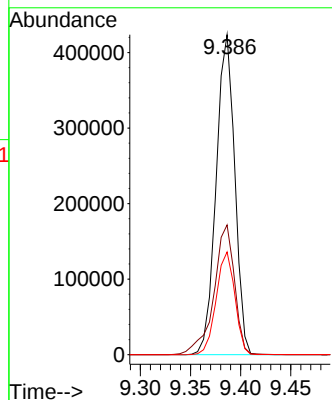
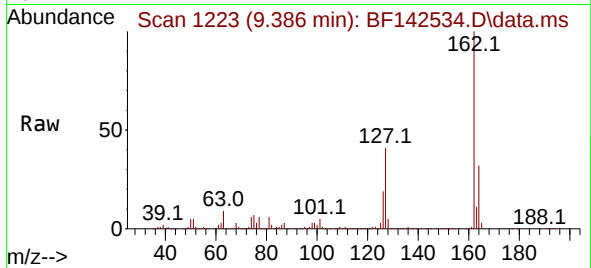




#47
2-Chloronaphthalene
Concen: 42.884 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

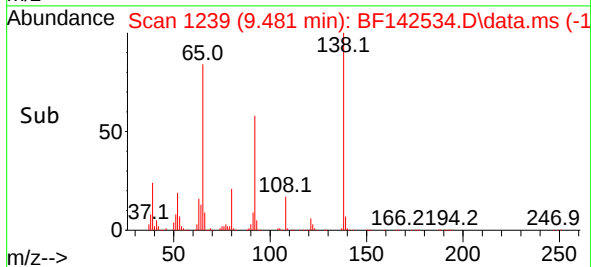
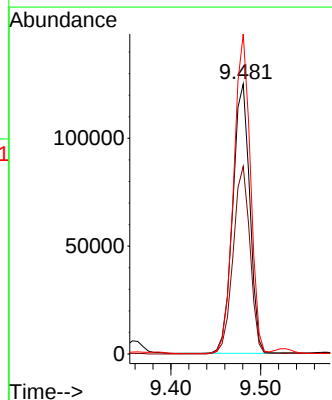
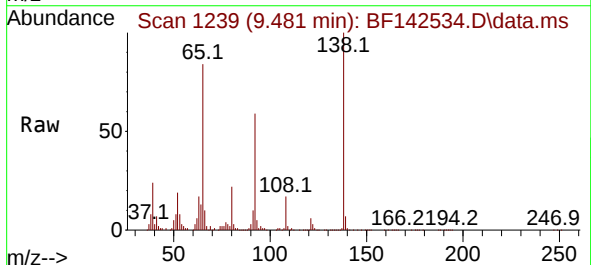
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

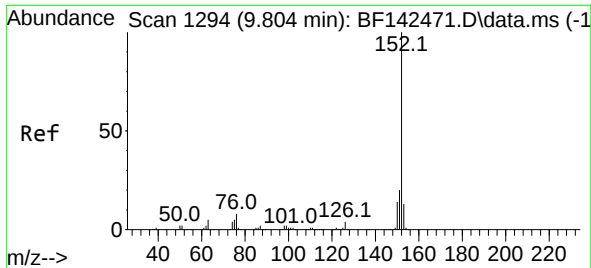
Tgt Ion:162 Resp: 546224
Ion Ratio Lower Upper
162 100
127 40.6 33.5 50.3
164 32.1 26.1 39.1



#48
2-Nitroaniline
Concen: 44.761 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.005 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion: 65 Resp: 164796
Ion Ratio Lower Upper
65 100
92 69.4 54.4 81.6
138 118.5 91.4 137.2

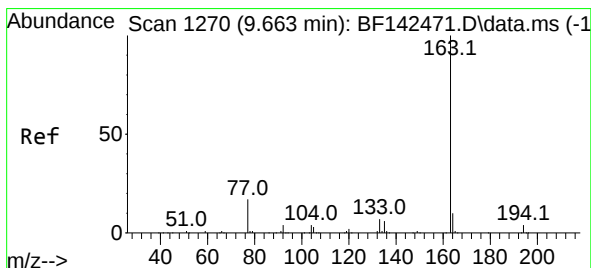
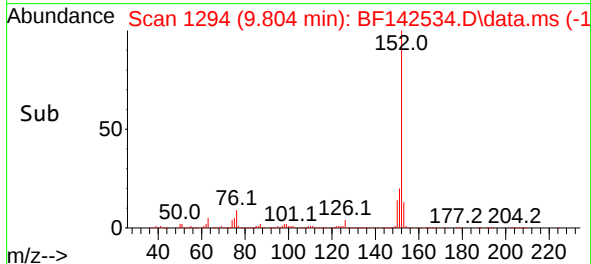
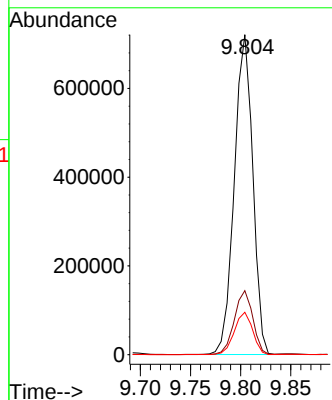
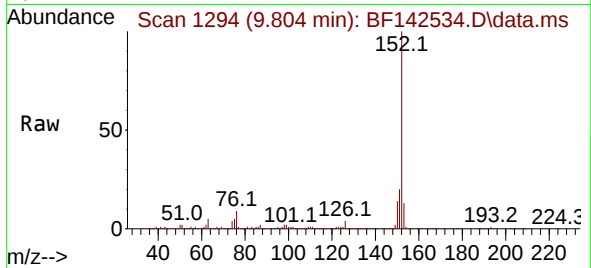




#49
Acenaphthylene
Concen: 42.956 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

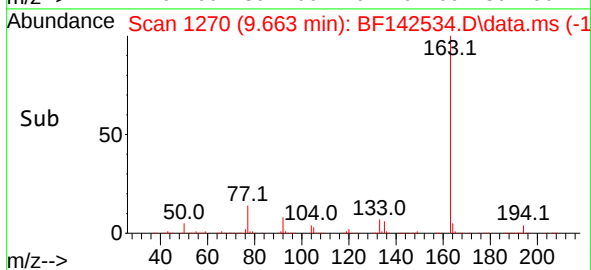
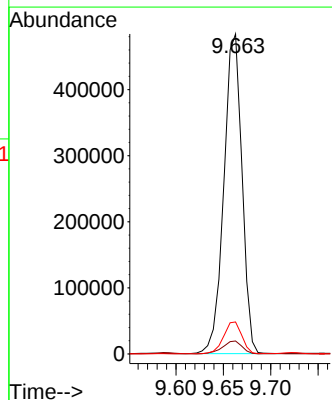
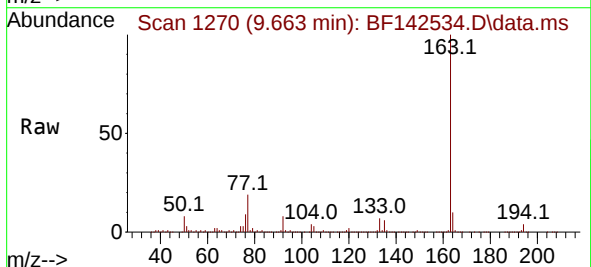
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

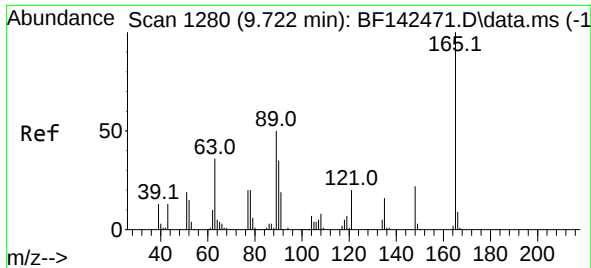
Tgt Ion:152 Resp: 923899
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 43.945 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:163 Resp: 644336
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 8.2 12.4

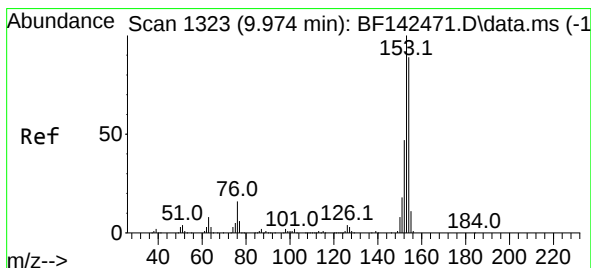
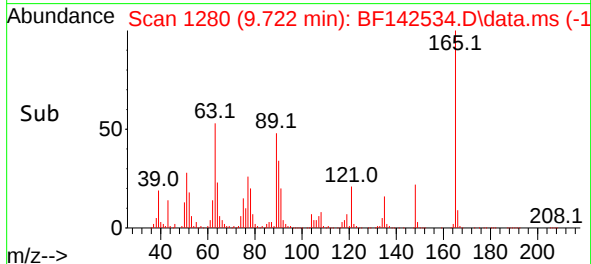
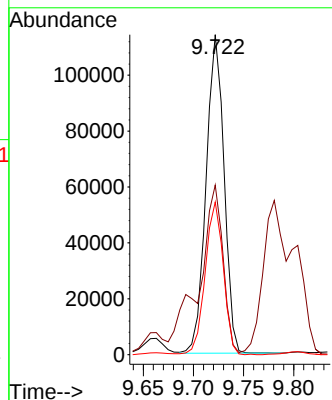
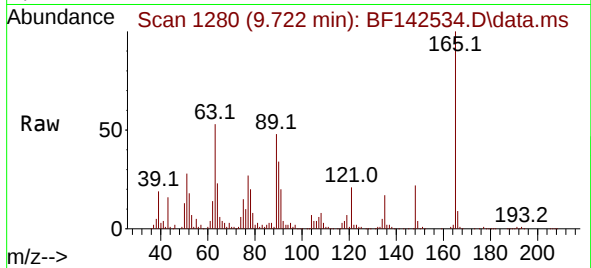




#51
2,6-Dinitrotoluene
Concen: 45.042 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

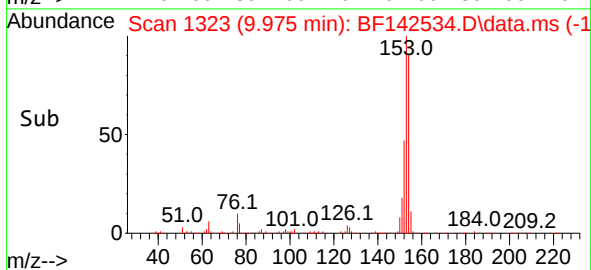
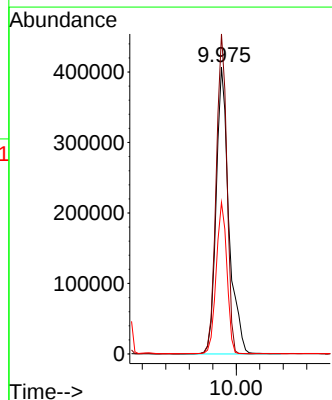
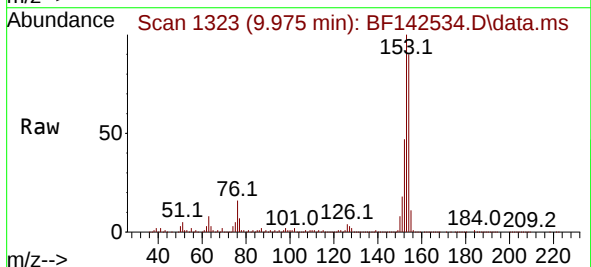
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

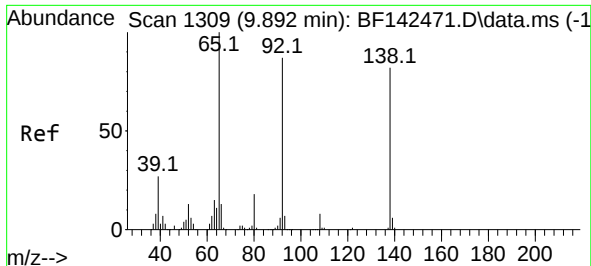
Tgt Ion:165 Resp: 142542
Ion Ratio Lower Upper
165 100
63 53.0 42.9 64.3
89 47.7 40.2 60.4



#52
Acenaphthene
Concen: 46.620 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:154 Resp: 612272
Ion Ratio Lower Upper
154 100
153 111.6 90.0 135.0
152 52.8 42.6 64.0

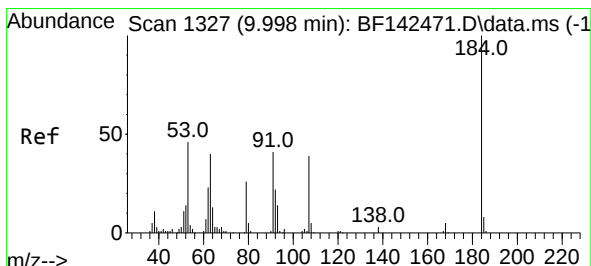
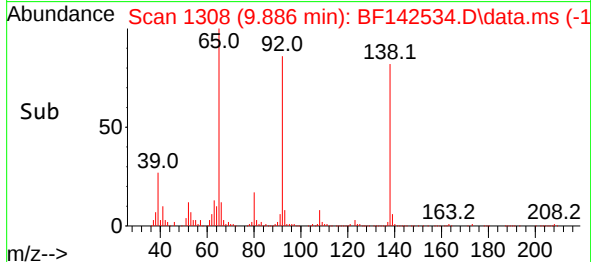
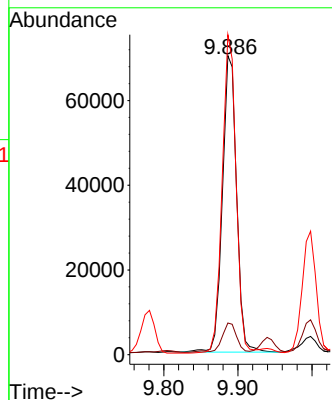
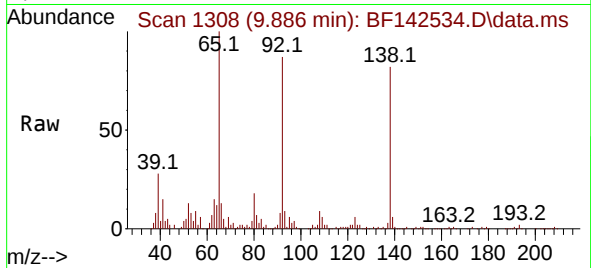




#53
3-Nitroaniline
Concen: 26.855 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

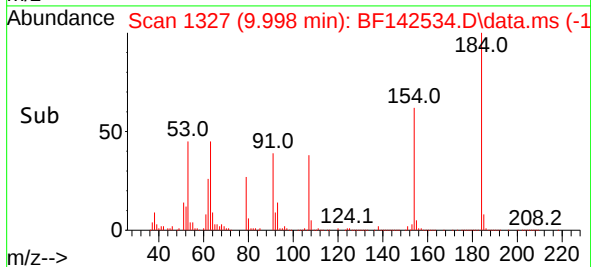
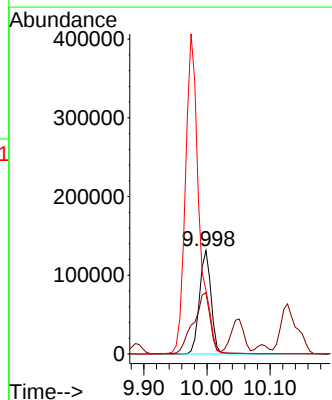
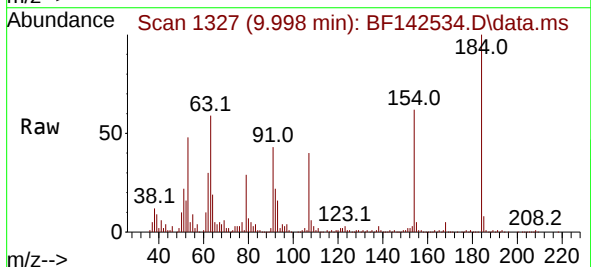
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

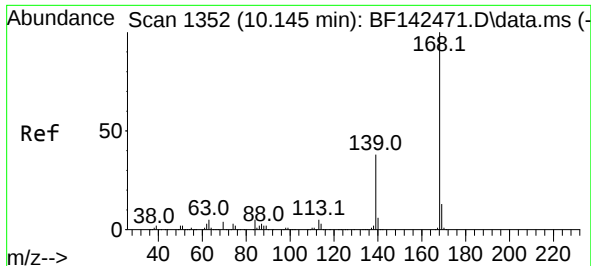
Tgt Ion:138 Resp: 92825
Ion Ratio Lower Upper
138 100
108 10.6 8.1 12.1
92 107.0 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 103.110 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:184 Resp: 168581
Ion Ratio Lower Upper
184 100
63 59.3 46.3 69.5
154 61.7 56.8 85.2

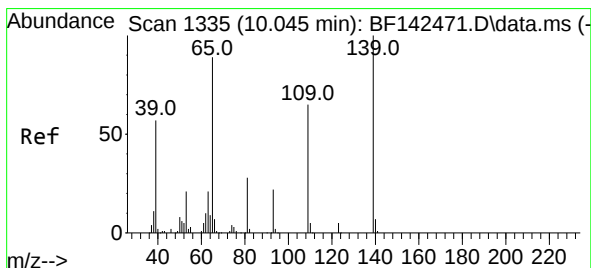
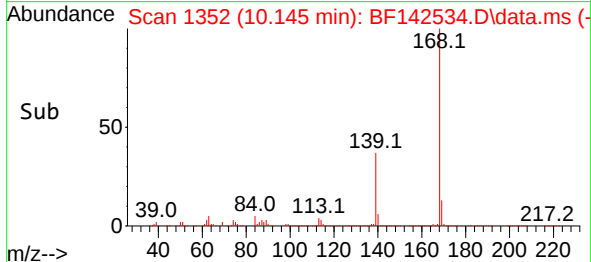
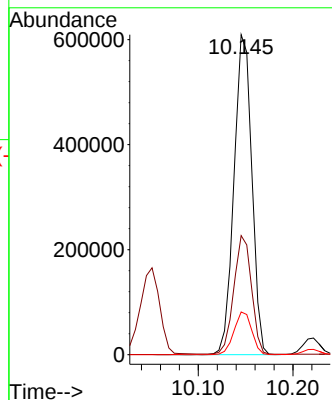
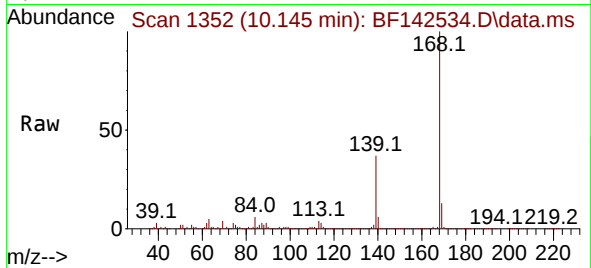




#55
Dibenzofuran
Concen: 42.103 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

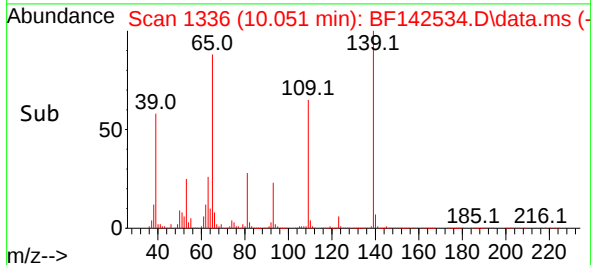
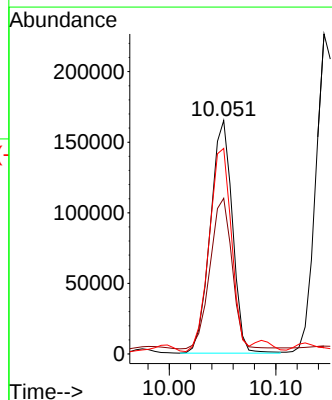
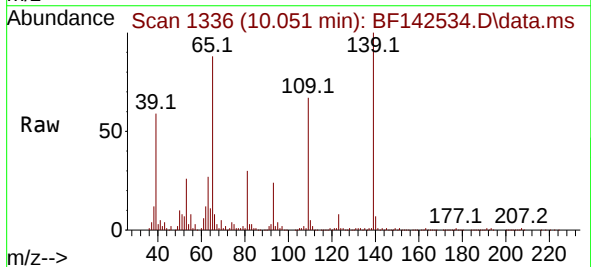
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

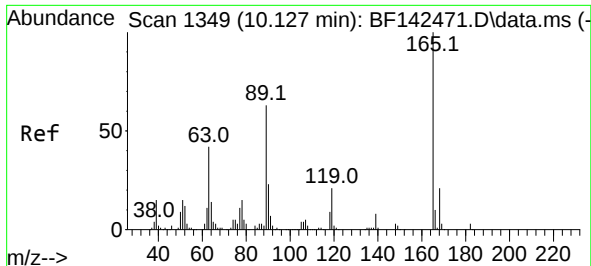
Tgt Ion:168 Resp: 795714
Ion Ratio Lower Upper
168 100
139 37.2 30.2 45.2
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 93.033 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:139 Resp: 237271
Ion Ratio Lower Upper
139 100
109 66.7 45.1 85.1
65 88.0 69.7 109.7

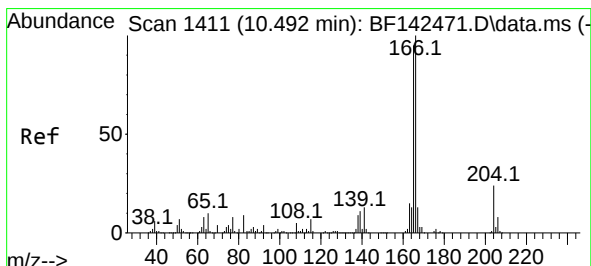
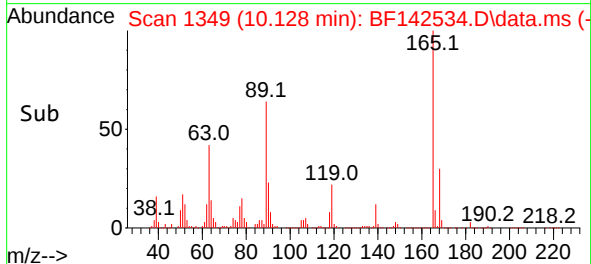
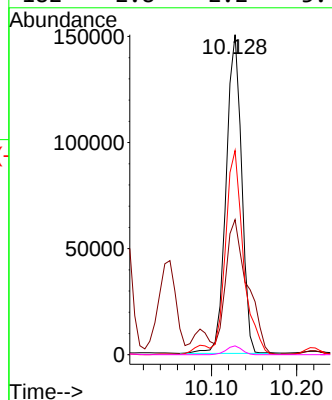
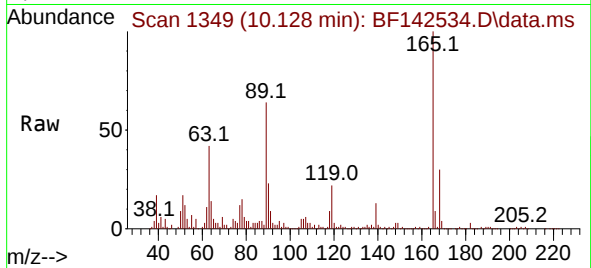




#57
2,4-Dinitrotoluene
Concen: 45.941 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

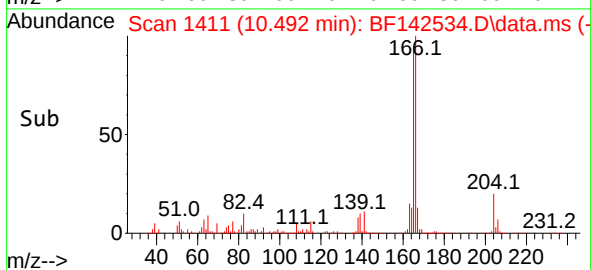
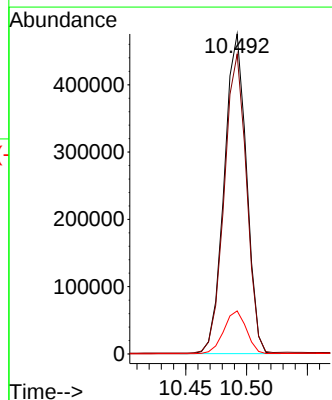
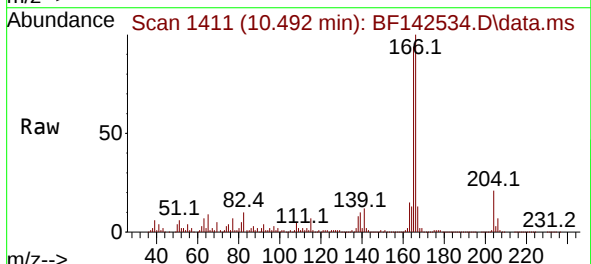
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

Tgt Ion:165 Resp: 189867
Ion Ratio Lower Upper
165 100
63 42.2 33.6 50.4
89 63.8 50.2 75.4
182 2.8 2.2 3.4



#58
Fluorene
Concen: 41.327 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:166 Resp: 603397
Ion Ratio Lower Upper
166 100
165 93.7 75.8 113.8
167 13.5 10.6 16.0

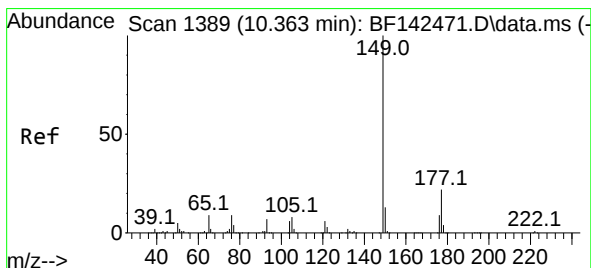
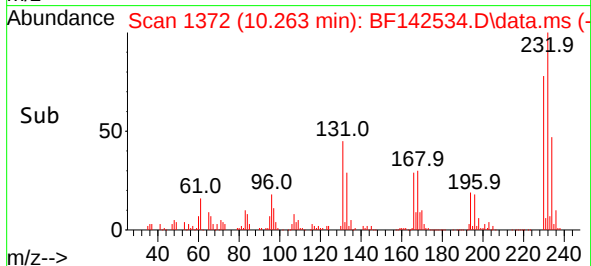
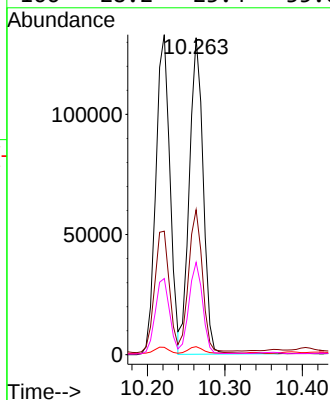
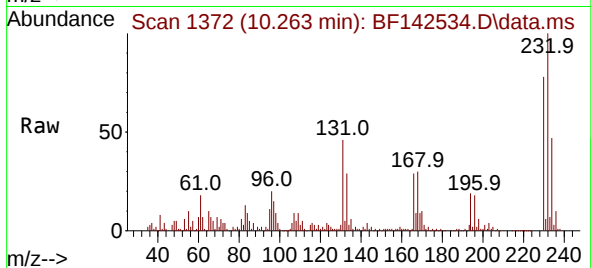




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.000 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

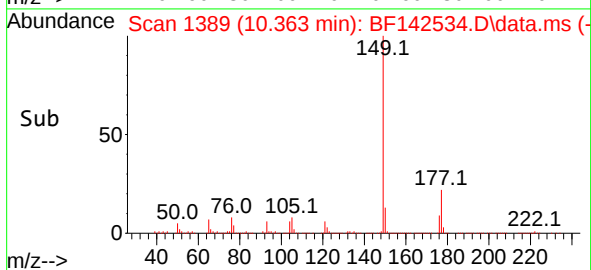
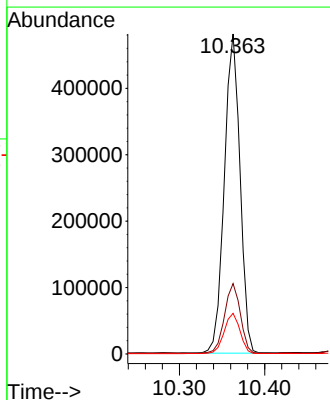
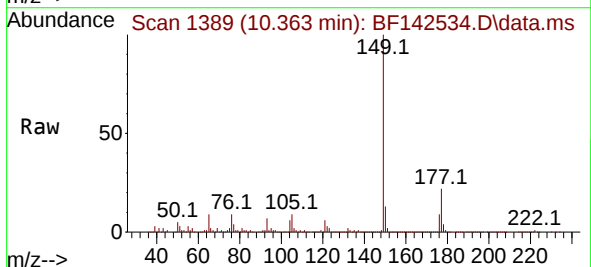
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

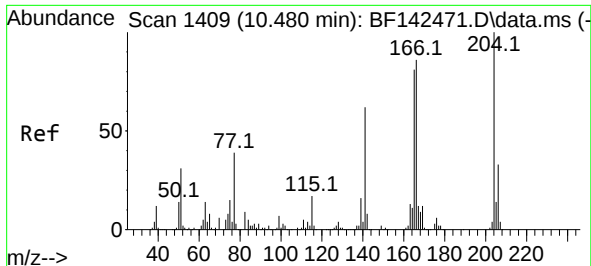
Tgt Ion:232 Resp: 162843
Ion Ratio Lower Upper
232 100
131 43.8 35.2 52.8
130 2.2 1.7 2.5
166 28.2 23.4 35.0



#60
Diethylphthalate
Concen: 42.896 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:149 Resp: 614267
Ion Ratio Lower Upper
149 100
177 22.0 17.6 26.4
150 12.7 10.1 15.1

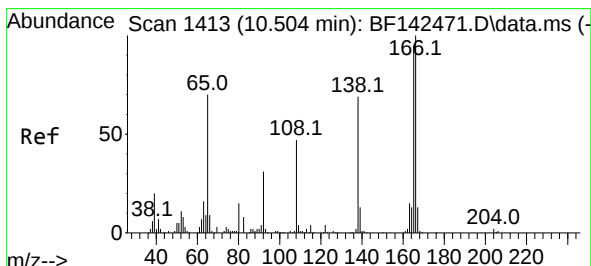
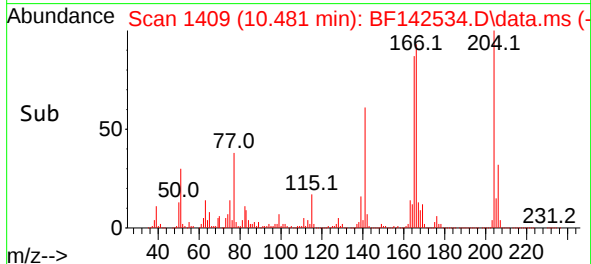
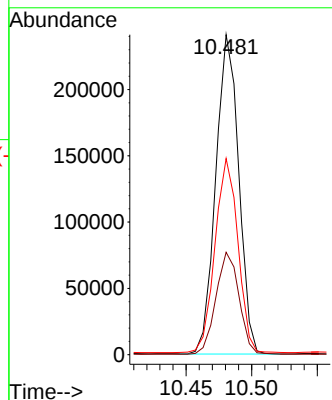
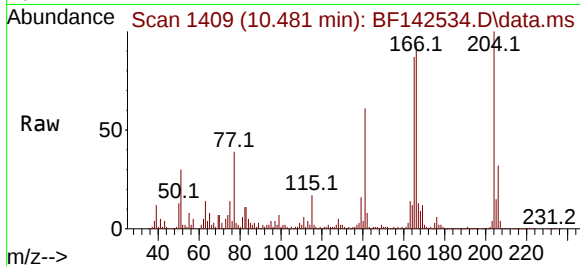




#61
4-Chlorophenyl-phenylether
Concen: 40.804 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.005 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

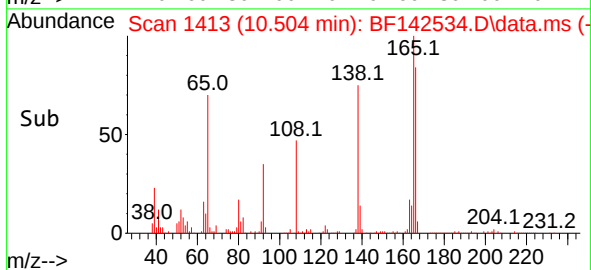
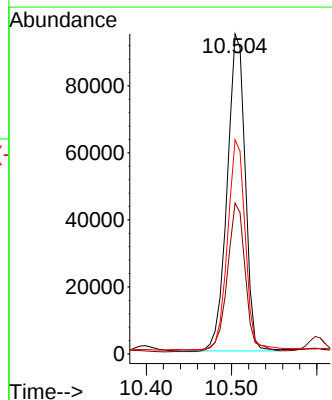
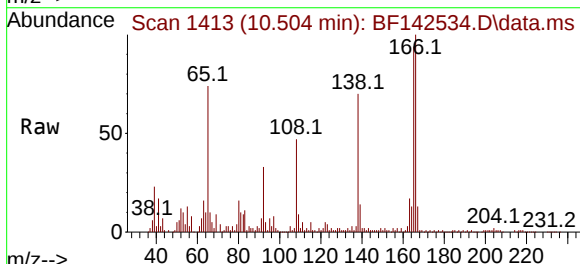
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

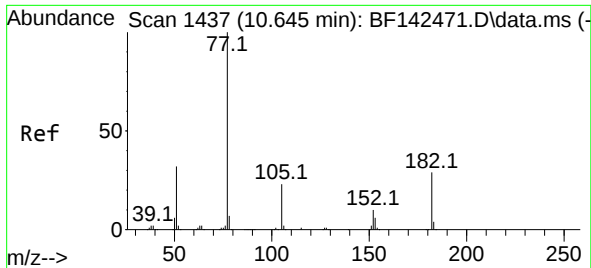
Tgt Ion:204 Resp: 292664
Ion Ratio Lower Upper
204 100
206 32.0 26.3 39.5
141 61.3 49.5 74.3



#62
4-Nitroaniline
Concen: 44.261 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:138 Resp: 138753
Ion Ratio Lower Upper
138 100
92 47.2 26.0 66.0
108 67.0 48.4 88.4

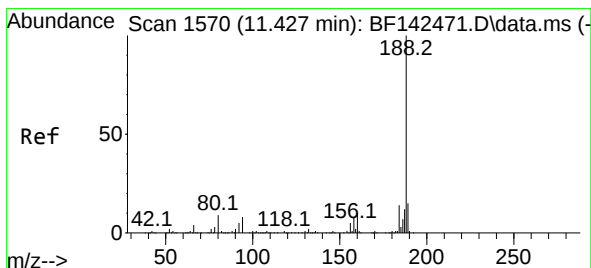
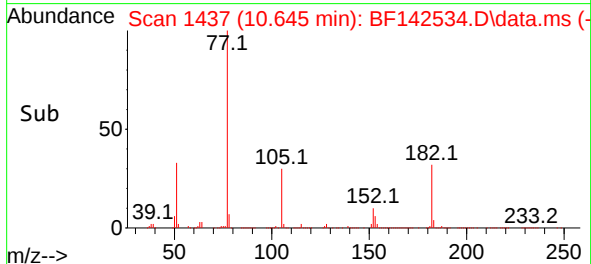
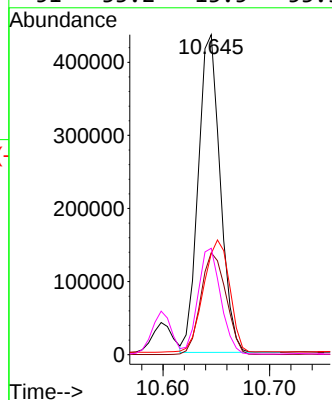
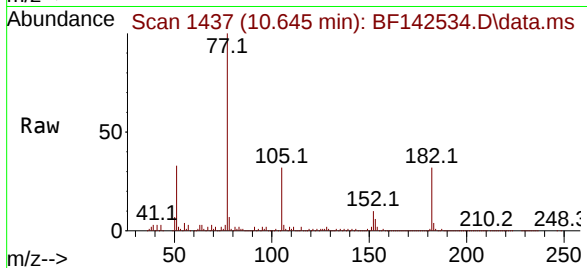




#63
Azobenzene
Concen: 48.624 ng
RT: 10.645 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

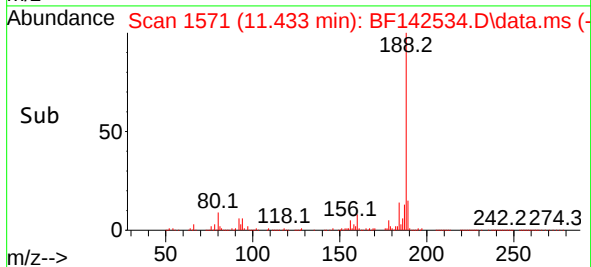
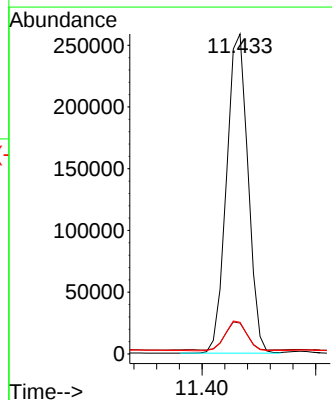
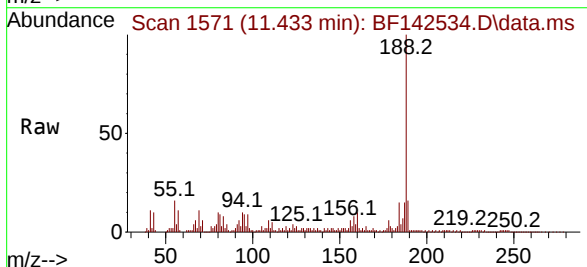
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

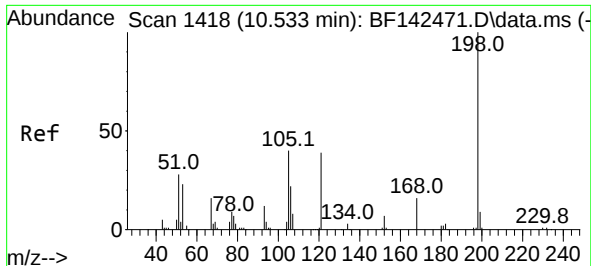
Tgt Ion: 77	Resp: 625402
Ion Ratio	Lower Upper
77 100	
182 31.9	9.0 49.0
105 31.6	2.4 42.4
51 33.2	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:188	Resp: 339714
Ion Ratio	Lower Upper
188 100	
94 9.7	6.6 10.0
80 9.9	7.4 11.0

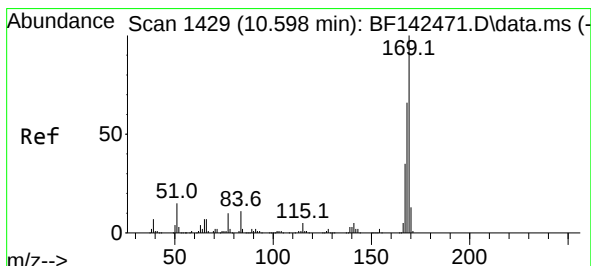
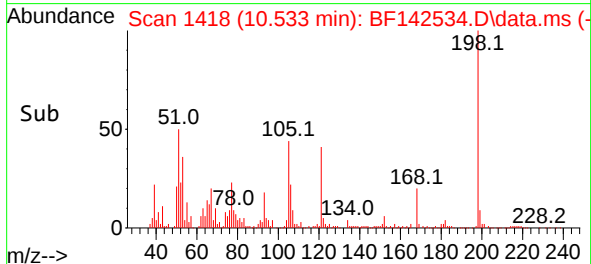
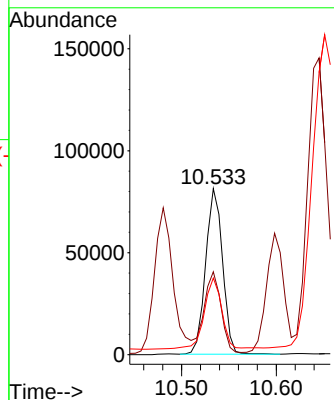
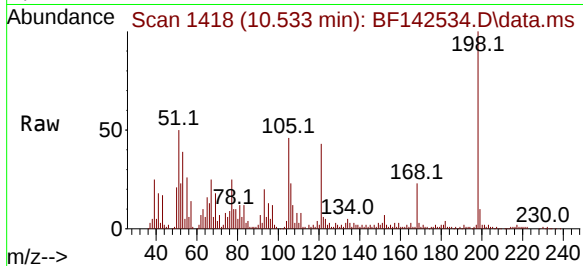




#65
4,6-Dinitro-2-methylphenol
Concen: 53.075 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

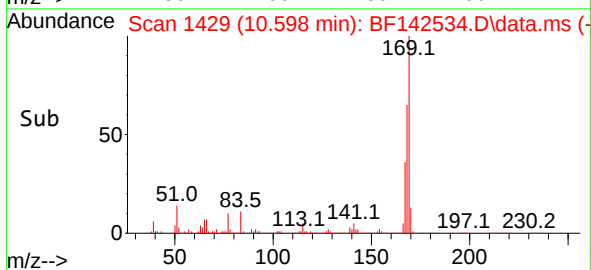
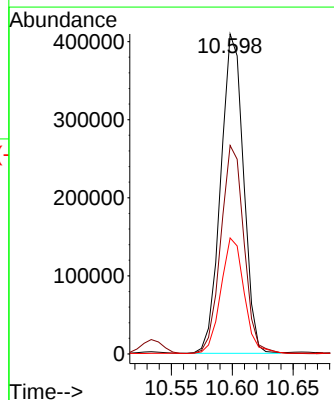
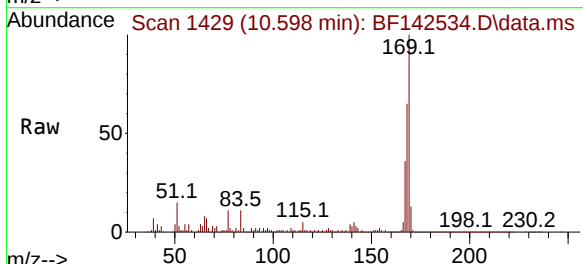
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

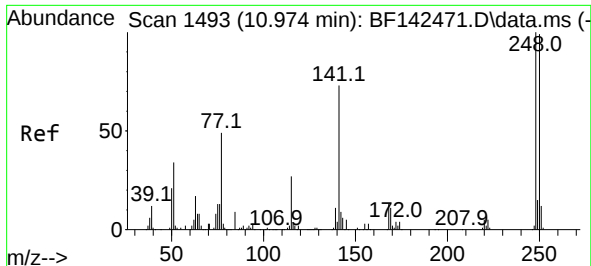
Tgt Ion:198 Resp: 100622
Ion Ratio Lower Upper
198 100
51 49.9 28.3 68.3
105 46.1 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 45.785 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:169 Resp: 532127
Ion Ratio Lower Upper
169 100
168 65.2 52.7 79.1
167 36.2 28.3 42.5

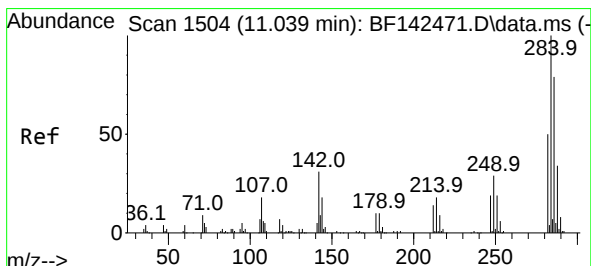
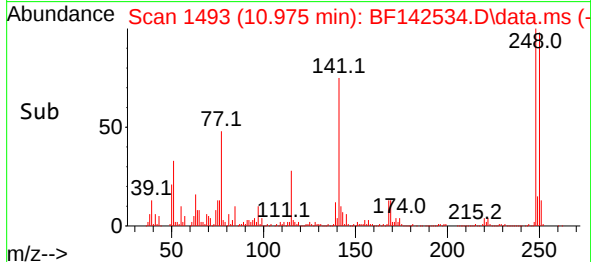
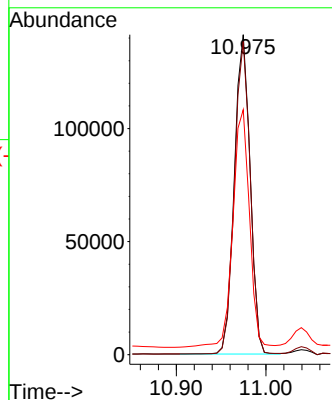
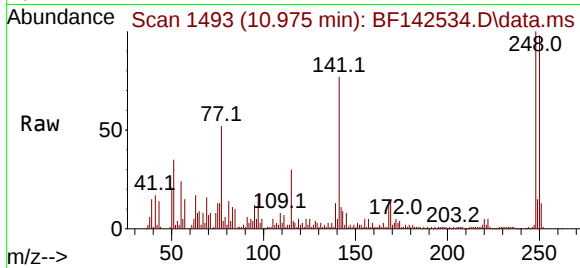




#67
4-Bromophenyl-phenylether
Concen: 43.048 ng
RT: 10.975 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

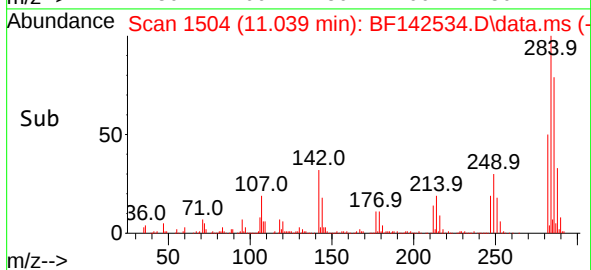
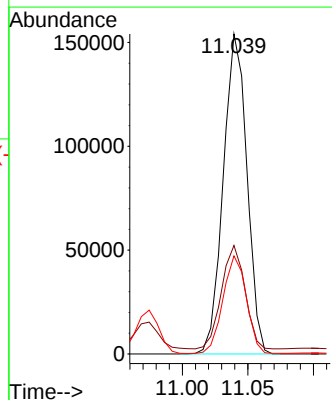
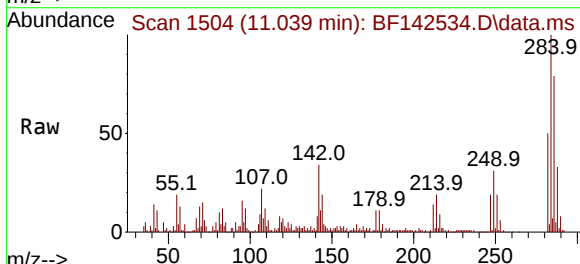
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

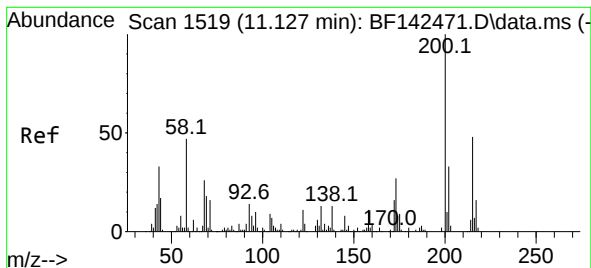
Tgt Ion:248 Resp: 172918
Ion Ratio Lower Upper
248 100
250 97.8 79.0 118.4
141 76.6 58.4 87.6



#68
Hexachlorobenzene
Concen: 43.546 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:284 Resp: 193464
Ion Ratio Lower Upper
284 100
142 33.9 24.8 37.2
249 30.6 23.6 35.4





#69

Atrazine

Concen: 51.140 ng

RT: 11.128 min Scan# 1519

Delta R.T. 0.001 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

Instrument :

BNA_F

ClientSampleId :

RBR200044MS

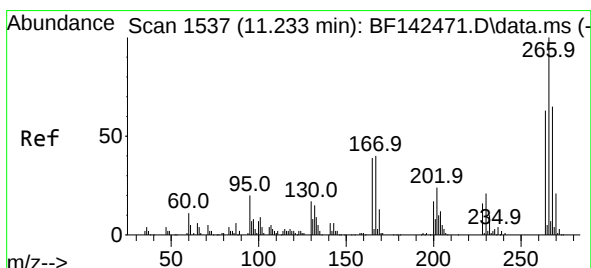
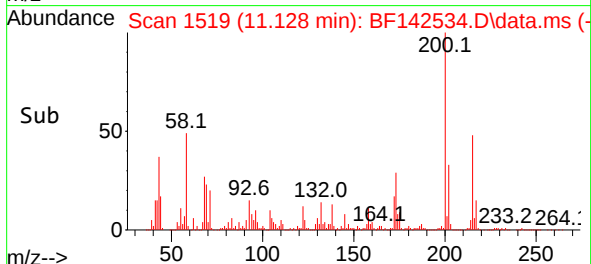
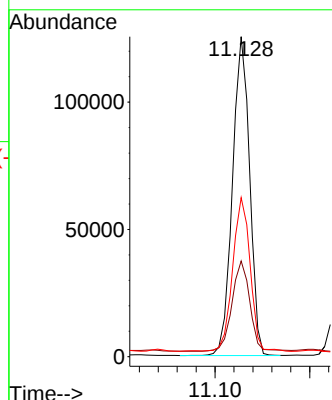
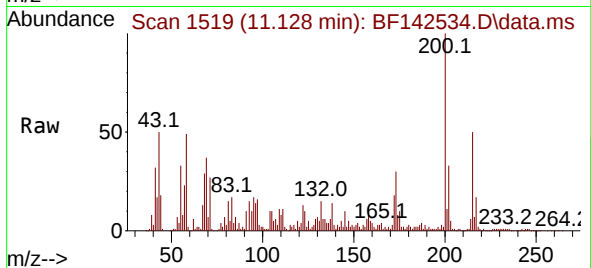
Tgt Ion:200 Resp: 157847

Ion Ratio Lower Upper

200 100

173 29.9 7.4 47.4

215 49.7 28.5 68.5



#70

Pentachlorophenol

Concen: 91.479 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

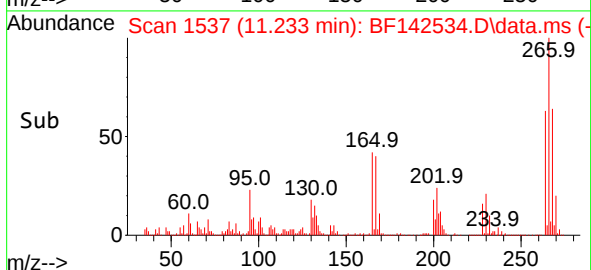
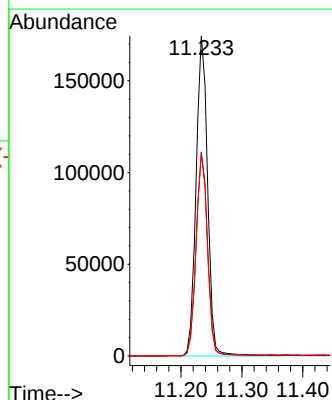
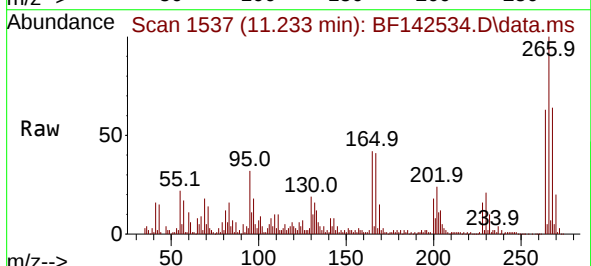
Tgt Ion:266 Resp: 229457

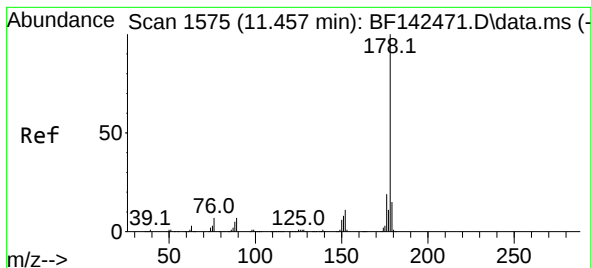
Ion Ratio Lower Upper

266 100

268 63.7 51.7 77.5

264 63.4 50.4 75.6





#71

Phenanthrene

Concen: 42.521 ng

RT: 11.457 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

Instrument :

BNA_F

ClientSampleId :

RBR200044MS

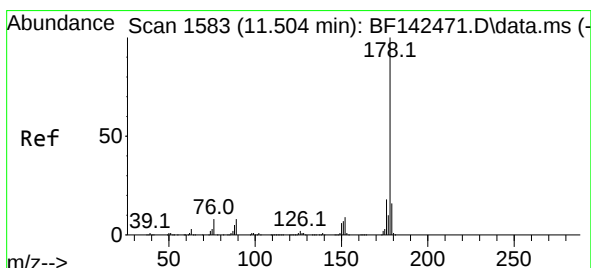
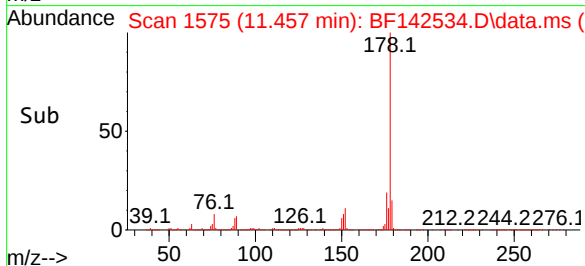
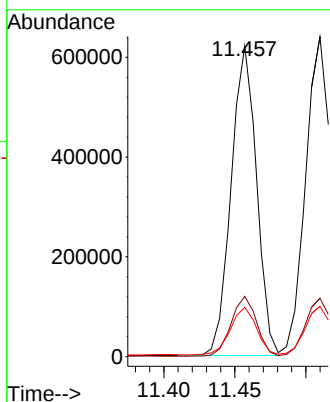
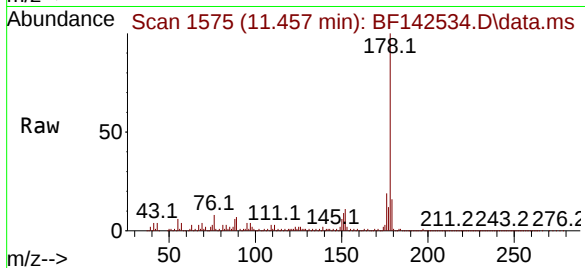
Tgt Ion:178 Resp: 771961

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.8 12.3 18.5



#72

Anthracene

Concen: 43.185 ng

RT: 11.510 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

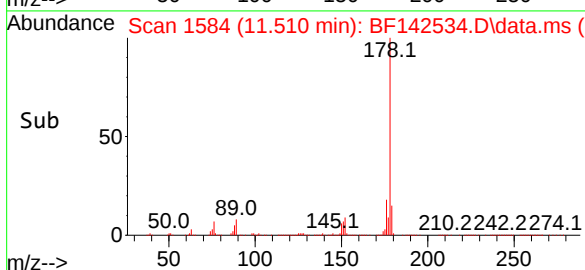
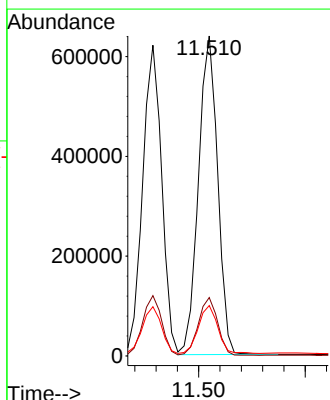
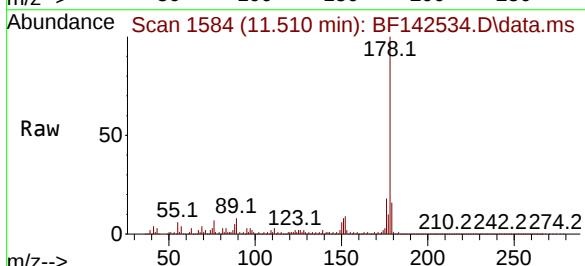
Tgt Ion:178 Resp: 800162

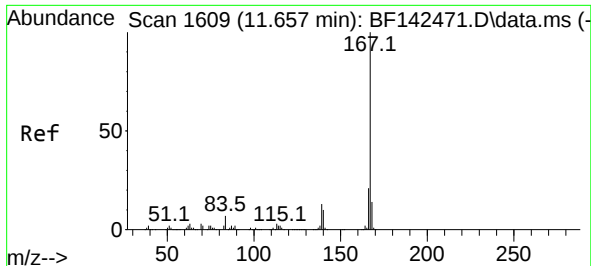
Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

179 15.8 12.4 18.6

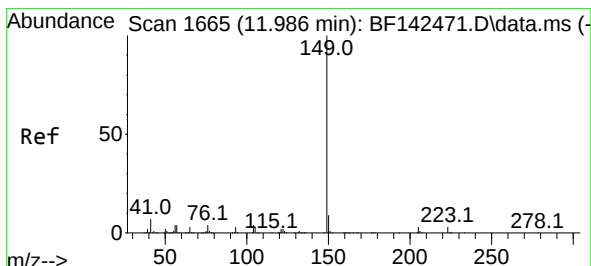
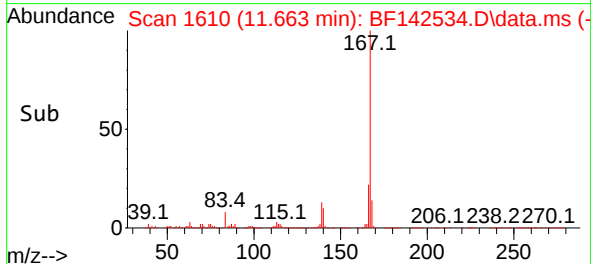
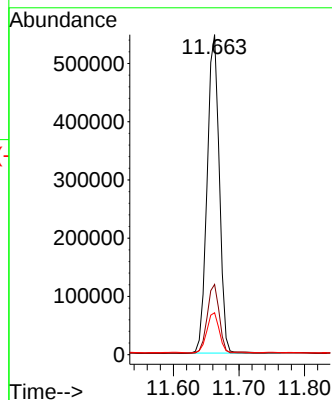
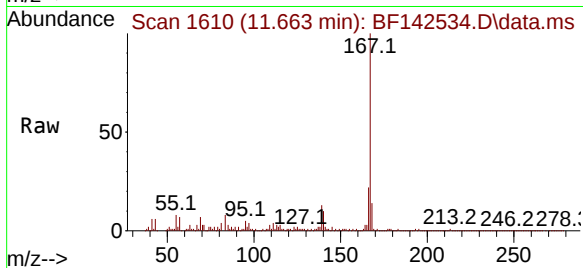




#73
Carbazole
Concen: 44.631 ng
RT: 11.663 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

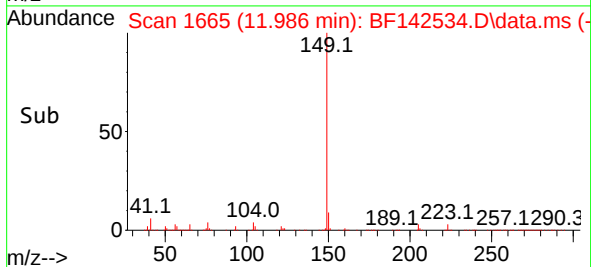
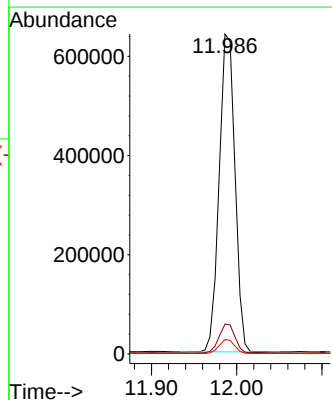
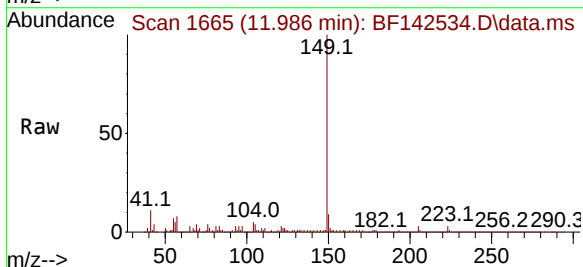
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

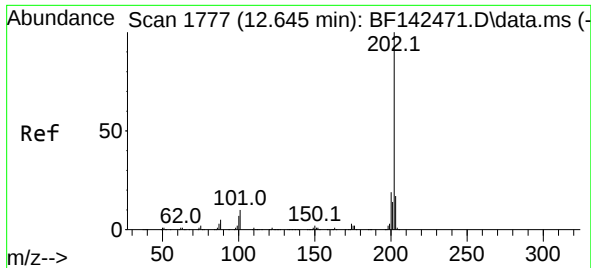
Tgt Ion:167 Resp: 706960
Ion Ratio Lower Upper
167 100
166 21.9 16.9 25.3
139 13.1 10.2 15.4



#74
Di-n-butylphthalate
Concen: 47.701 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:149 Resp: 827065
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 4.5 3.6 5.4

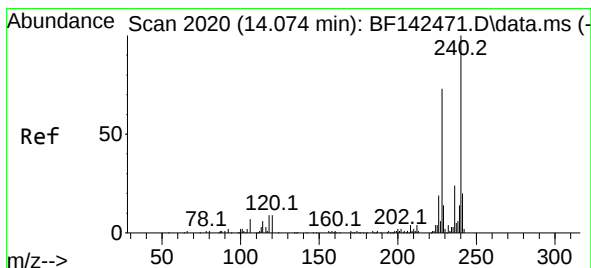
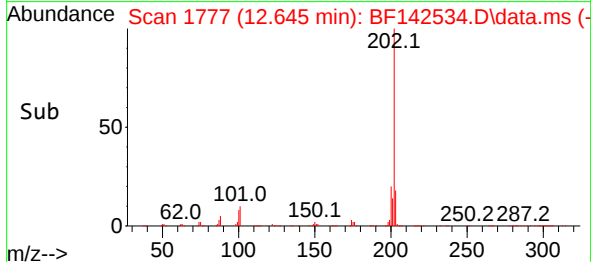
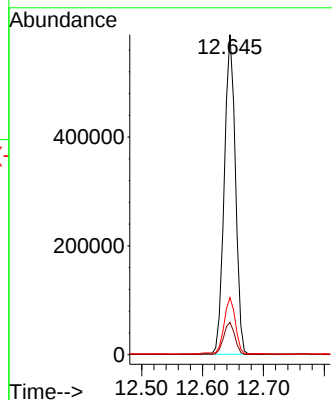
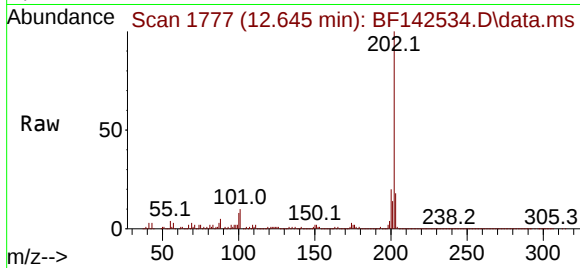




#75
Fluoranthene
Concen: 43.975 ng
RT: 12.645 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

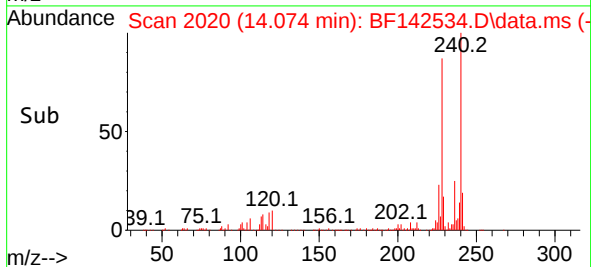
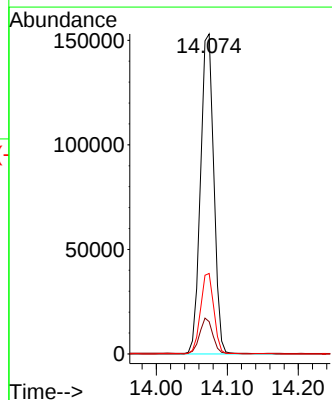
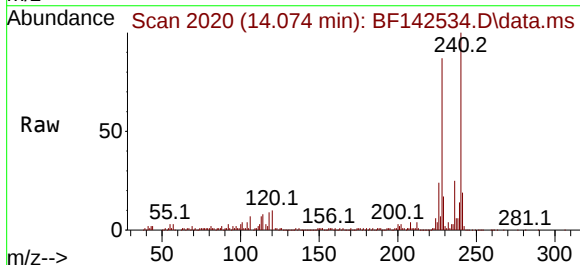
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

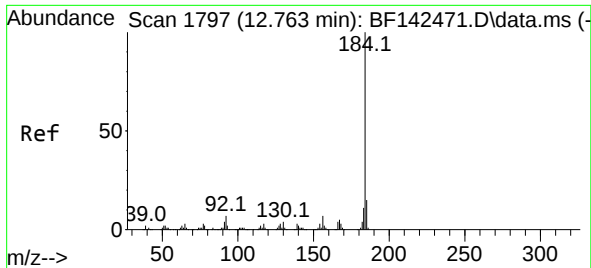
Tgt Ion:202 Resp: 745998
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.6
203 17.9 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:240 Resp: 200030
Ion Ratio Lower Upper
240 100
120 10.1 7.5 11.3
236 25.2 19.6 29.4

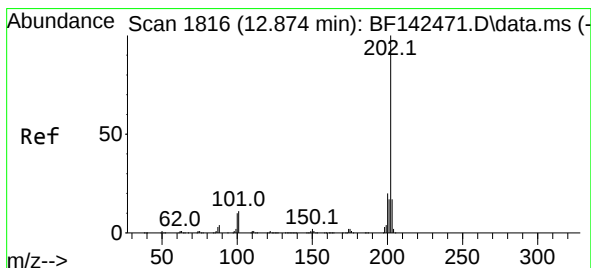
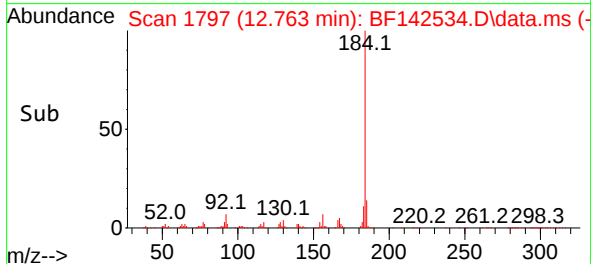
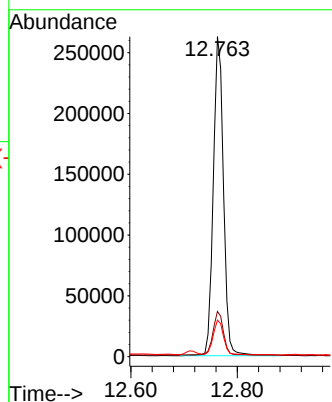
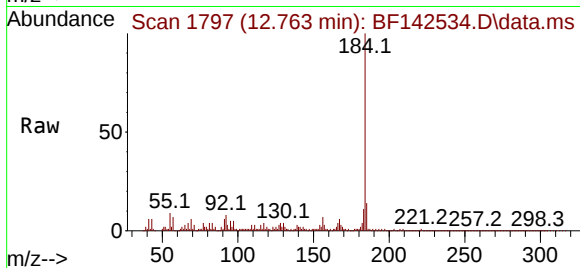




#77
Benzidine
Concen: 46.834 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

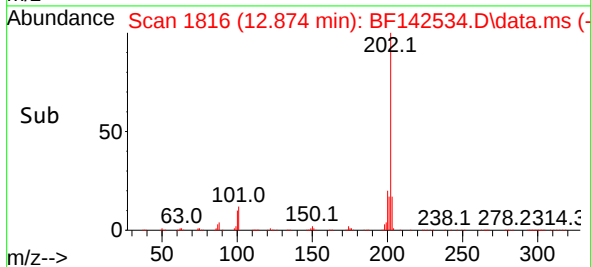
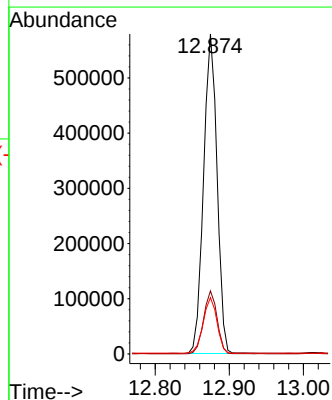
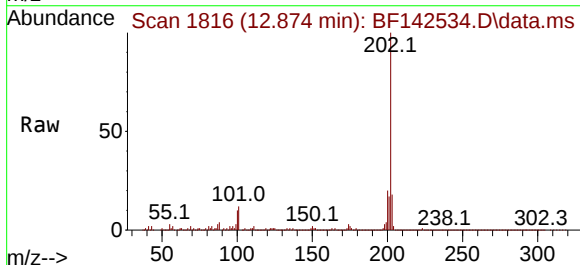
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

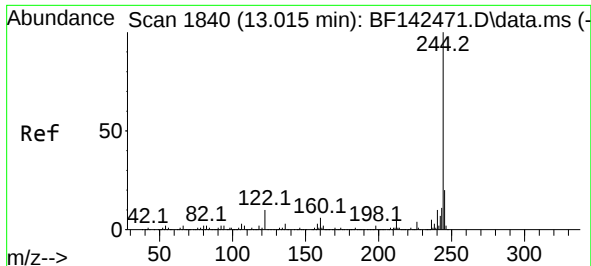
Tgt Ion:184 Resp: 348617
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 11.5 9.0 13.4



#78
Pyrene
Concen: 39.158 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:202 Resp: 730681
Ion Ratio Lower Upper
202 100
200 19.7 16.1 24.1
203 17.6 13.9 20.9

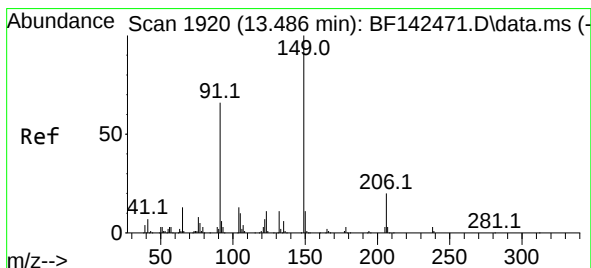
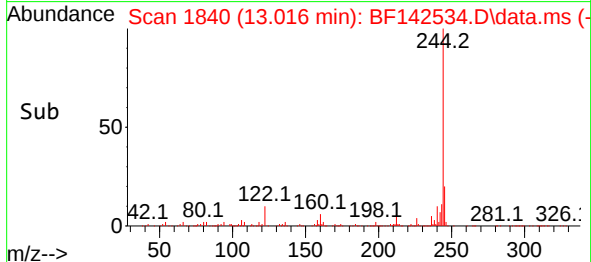
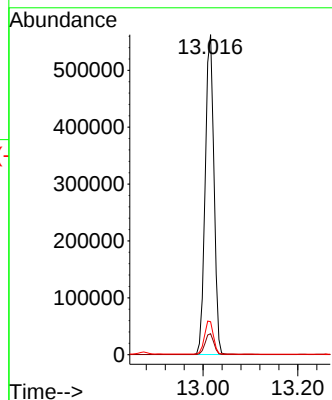
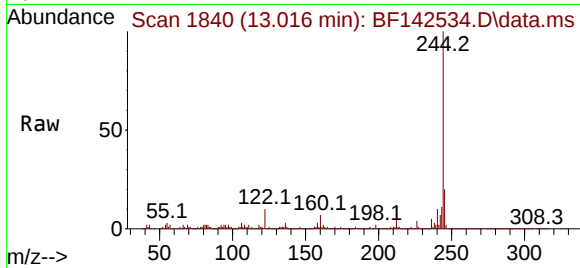




#79
 Terphenyl-d14
 Concen: 49.169 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF142534.D
 Acq: 23 May 2025 14:39

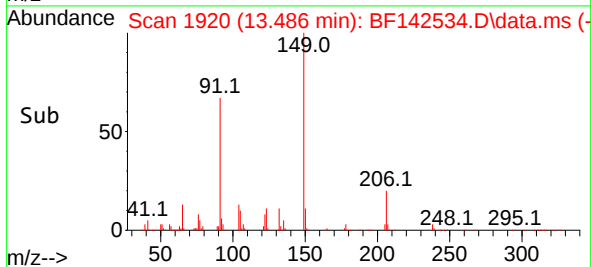
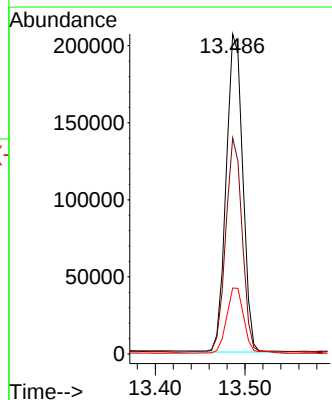
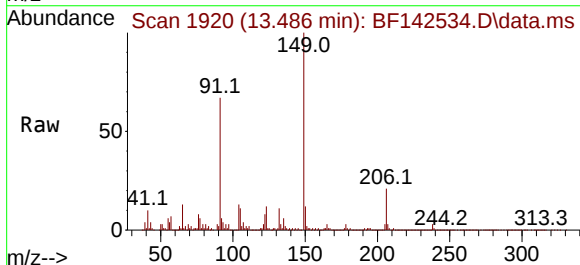
Instrument :
 BNA_F
 ClientSampleId :
 RBR200044MS

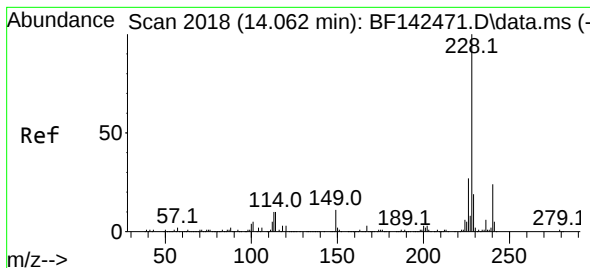
Tgt Ion:244 Resp: 719723
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 10.3 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 51.257 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142534.D
 Acq: 23 May 2025 14:39

Tgt Ion:149 Resp: 264282
 Ion Ratio Lower Upper
 149 100
 91 67.5 52.9 79.3
 206 20.6 16.2 24.2





#81

Benzo(a)anthracene

Concen: 42.906 ng

RT: 14.063 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

Instrument :

BNA_F

ClientSampleId :

RBR200044MS

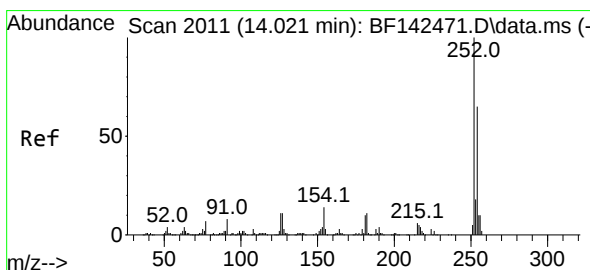
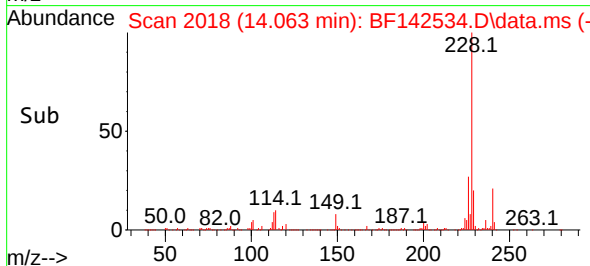
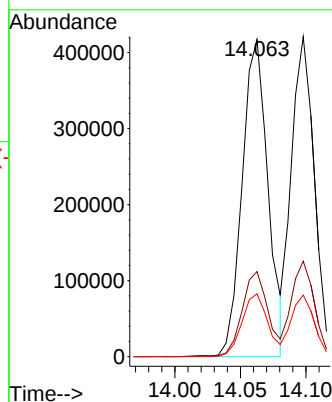
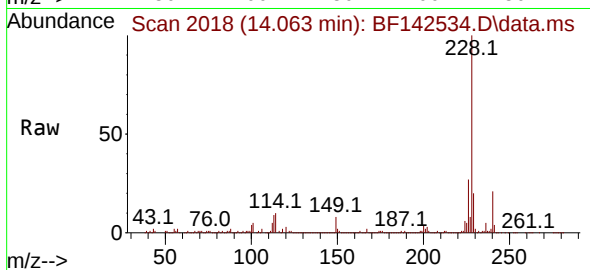
Tgt Ion:228 Resp: 573102

Ion Ratio Lower Upper

228 100

226 26.8 21.2 31.8

229 19.8 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 21.604 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

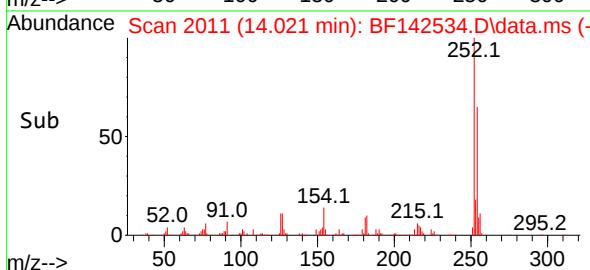
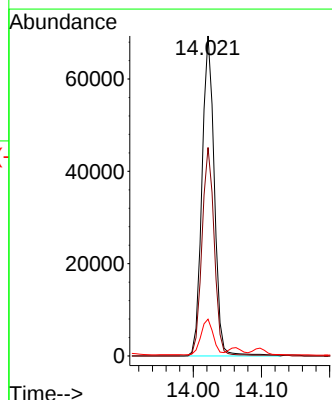
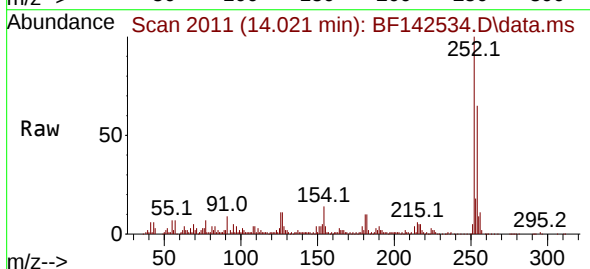
Tgt Ion:252 Resp: 87525

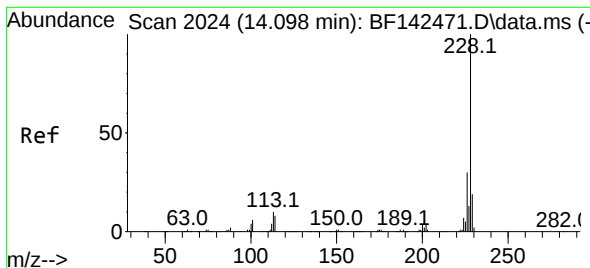
Ion Ratio Lower Upper

252 100

254 65.1 52.0 78.0

126 11.5 8.9 13.3





#83

Chrysene

Concen: 42.420 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

Instrument :

BNA_F

ClientSampleId :

RBR200044MS

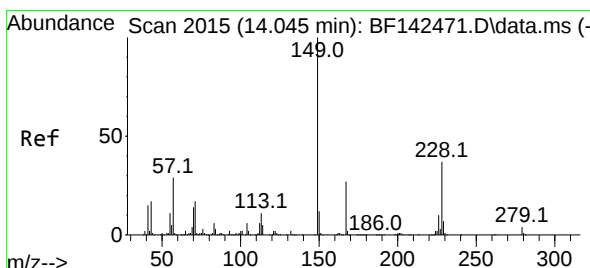
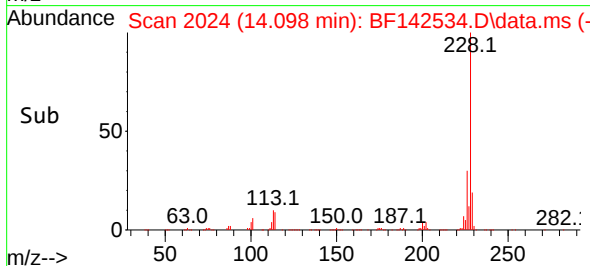
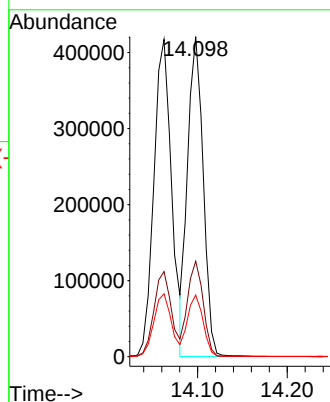
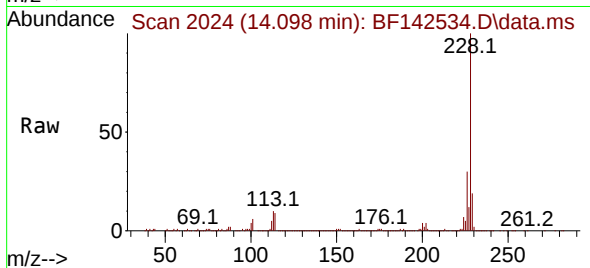
Tgt Ion:228 Resp: 509125

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

229 19.3 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.877 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

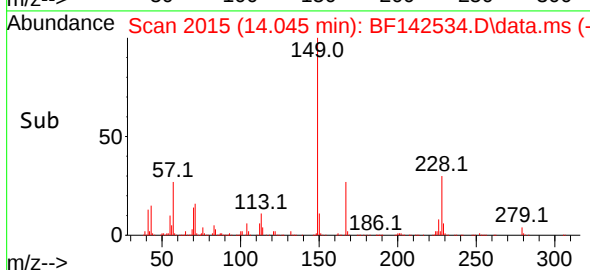
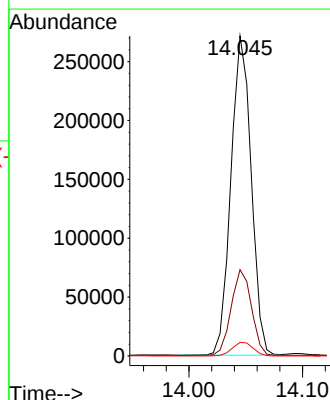
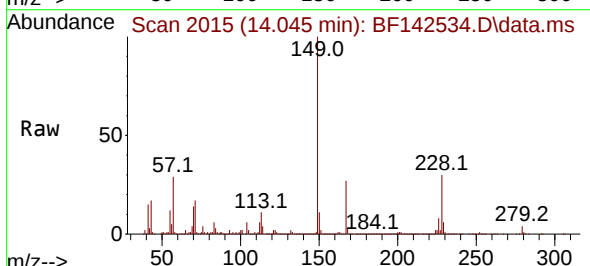
Tgt Ion:149 Resp: 335816

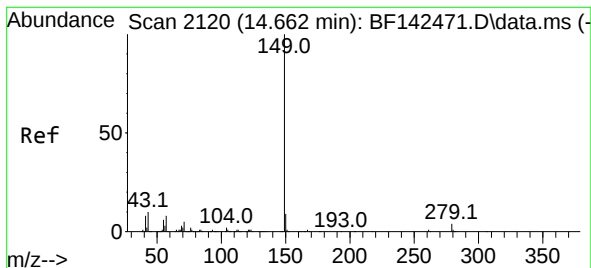
Ion Ratio Lower Upper

149 100

167 26.9 21.5 32.3

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 43.015 ng

RT: 14.663 min Scan# 2120

Delta R.T. -0.005 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

Instrument :

BNA_F

ClientSampleId :

RBR200044MS

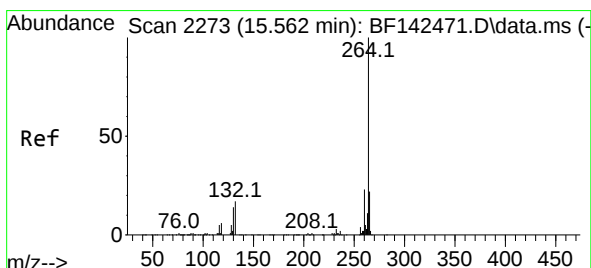
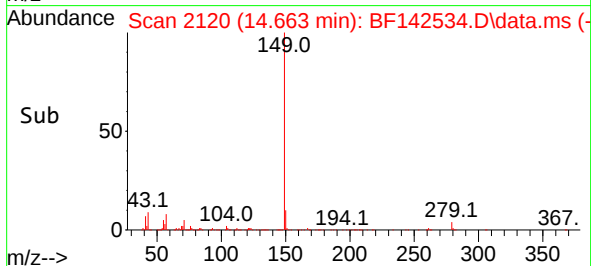
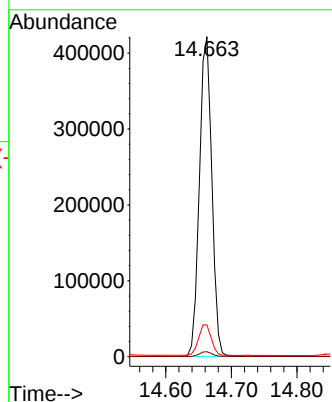
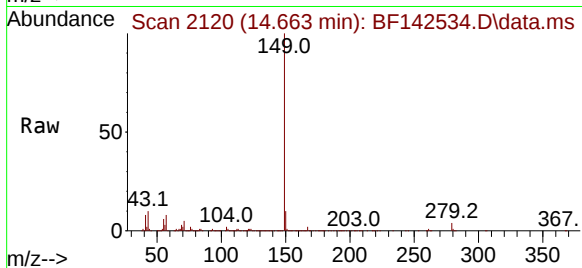
Tgt Ion:149 Resp: 555160

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.0 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142534.D

Acq: 23 May 2025 14:39

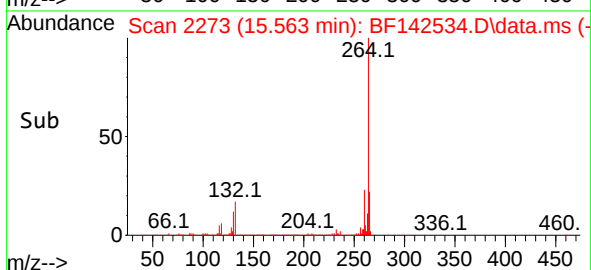
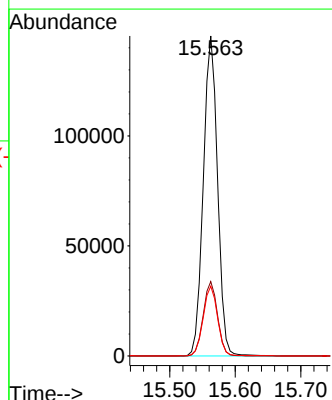
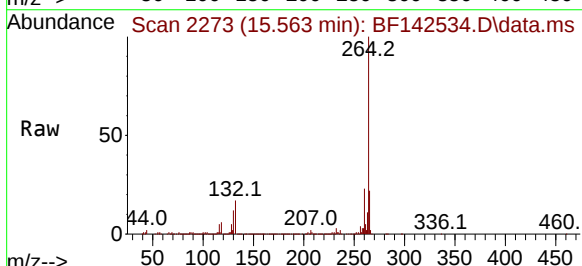
Tgt Ion:264 Resp: 219904

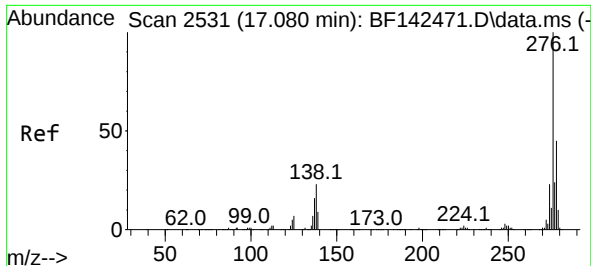
Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.8 17.7 26.5

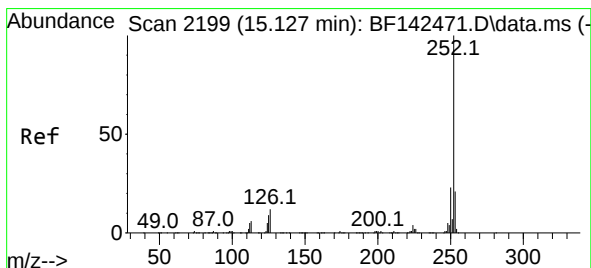
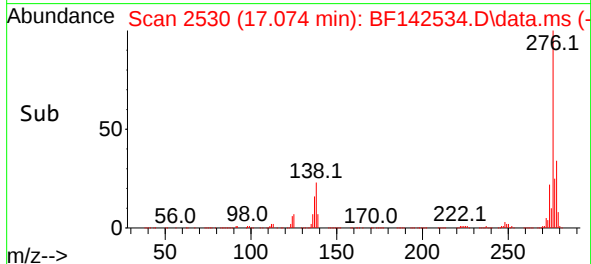
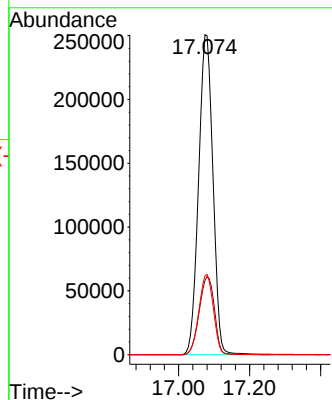
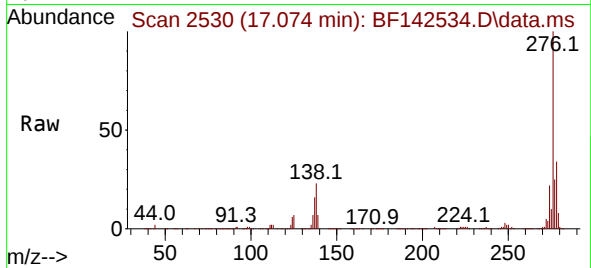




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.696 ng
RT: 17.074 min Scan# 2198
Delta R.T. -0.017 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

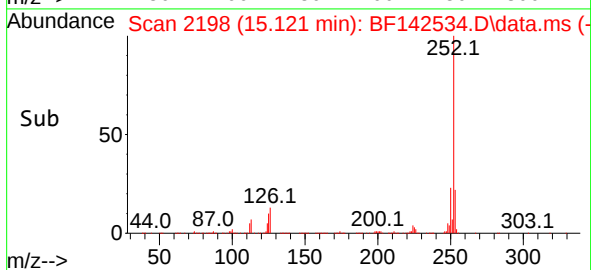
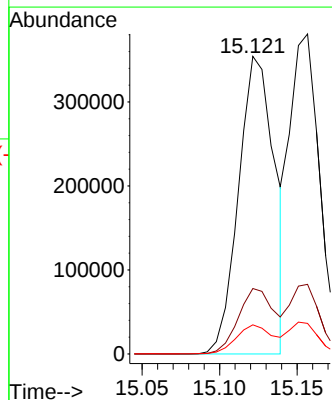
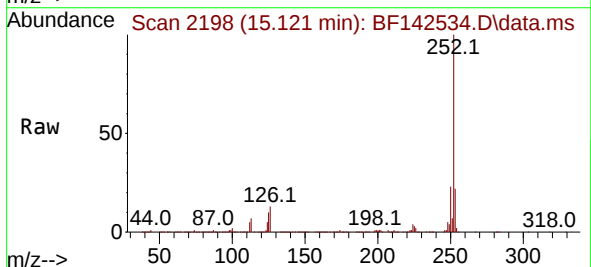
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

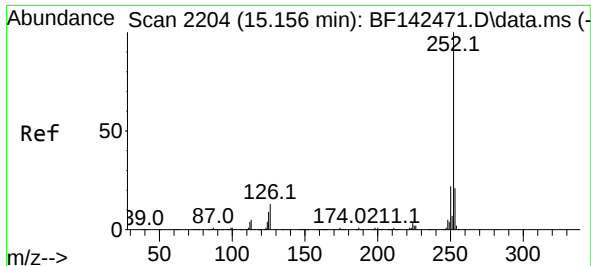
Tgt Ion:276 Resp: 704862
Ion Ratio Lower Upper
276 100
138 25.7 19.9 29.9
277 25.3 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 43.965 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:252 Resp: 572200
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 9.8 7.4 11.0

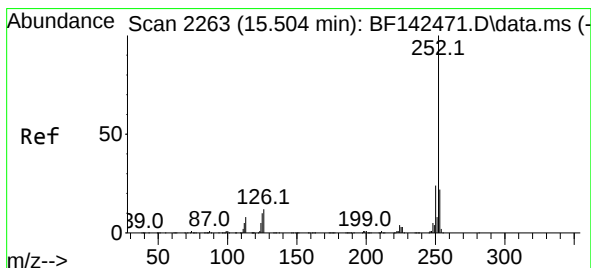
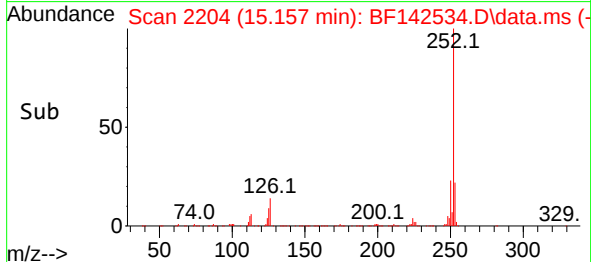
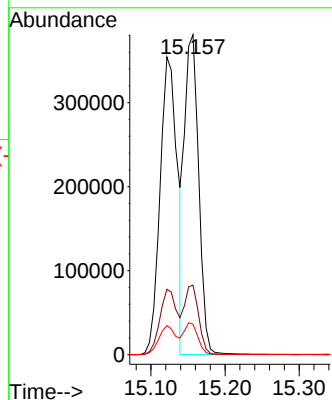
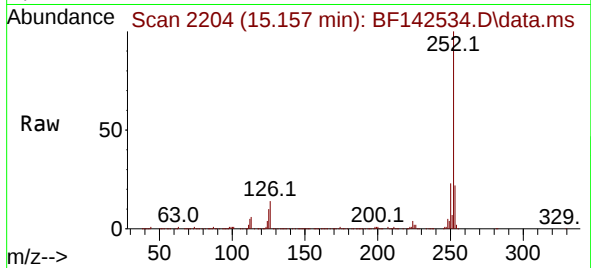




#89
Benzo(k)fluoranthene
Concen: 41.677 ng
RT: 15.157 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

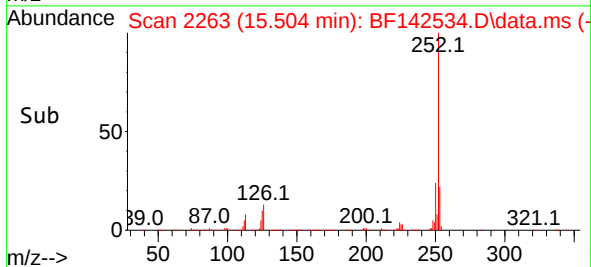
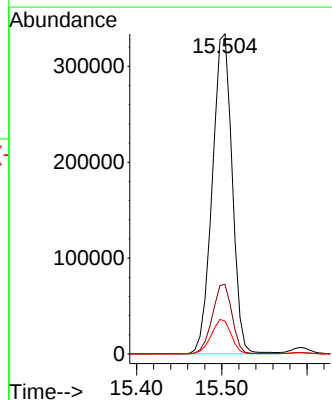
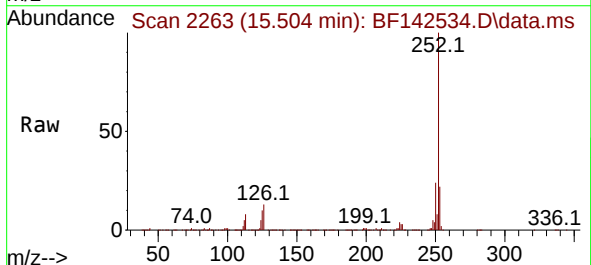
Instrument :
BNA_F
ClientSampleId :
RBR200044MS

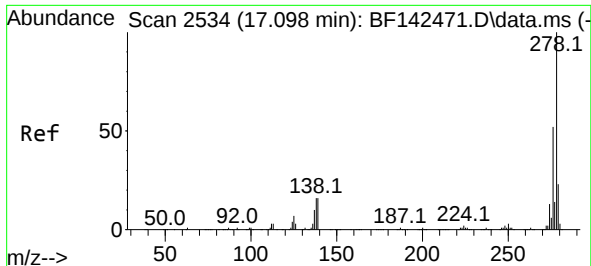
Tgt Ion:252 Resp: 508038
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 9.5 7.3 10.9



#90
Benzo(a)pyrene
Concen: 43.937 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:252 Resp: 539017
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.2 7.9 11.9

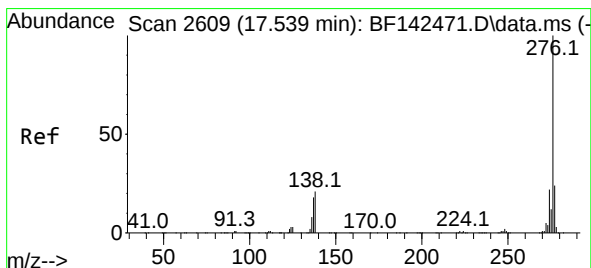
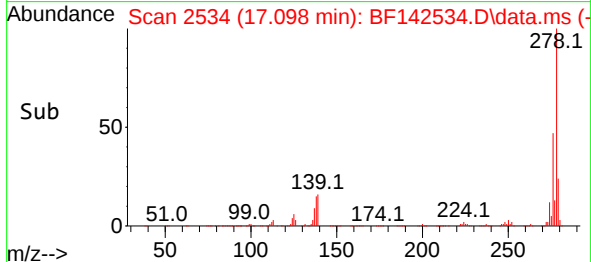
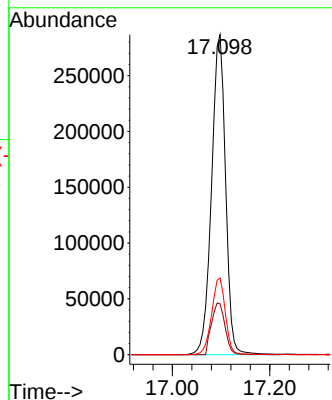
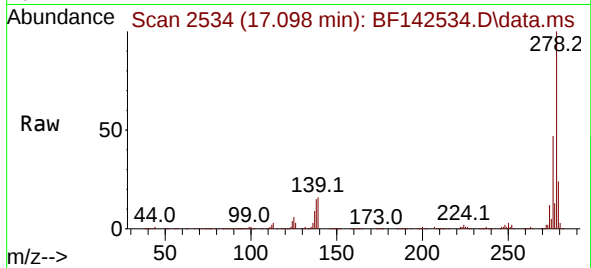




#91
Dibenzo(a,h)anthracene
Concen: 42.714 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Instrument :
BNA_F
ClientSampleId :
RBR200044MS

Tgt Ion:278 Resp: 571919
Ion Ratio Lower Upper
278 100
139 15.9 12.8 19.2
279 23.9 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 43.048 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142534.D
Acq: 23 May 2025 14:39

Tgt Ion:276 Resp: 576513
Ion Ratio Lower Upper
276 100
277 23.4 19.2 28.8
138 22.1 16.8 25.2

