

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142535.D
 Acq On : 23 May 2025 15:07
 Operator : RC/JU
 Sample : Q2097-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200044MSD

Quant Time: May 23 15:40:18 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	110068	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	419996	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	219379	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	343496	20.000	ng	0.00
76) Chrysene-d12	14.068	240	198698	20.000	ng	0.00
86) Perylene-d12	15.562	264	216151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	543529	83.195	ng	0.00
7) Phenol-d6	6.522	99	674801	85.805	ng	-0.01
23) Nitrobenzene-d5	7.457	82	402460	52.252	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	217096	89.163	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	845833	51.737	ng	-0.01
79) Terphenyl-d14	13.010	244	732883	50.404	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	93442	35.742	ng	99
3) Pyridine	3.499	79	256606	38.544	ng	98
4) n-Nitrosodimethylamine	3.451	42	143244	41.440	ng	94
6) Aniline	6.557	93	344545	32.583	ng	100
8) 2-Chlorophenol	6.681	128	299473	42.084	ng	99
9) Benzaldehyde	6.445	77	180135	38.082	ng	98
10) Phenol	6.534	94	373505	42.208	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	263673	41.394	ng	99
12) 1,3-Dichlorobenzene	6.840	146	318919	40.164	ng	99
13) 1,4-Dichlorobenzene	6.916	146	323908	40.496	ng	99
14) 1,2-Dichlorobenzene	7.069	146	313884	41.012	ng	99
15) Benzyl Alcohol	7.034	79	240046	41.303	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	437815	40.928	ng	100
17) 2-Methylphenol	7.145	107	231936	41.746	ng	99
18) Hexachloroethane	7.410	117	113182	40.524	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	191639	39.319	ng	98
20) 3+4-Methylphenols	7.298	107	290992	40.900	ng	96
22) Acetophenone	7.304	105	385053	41.415	ng	98
24) Nitrobenzene	7.481	77	289274	41.642	ng	100
25) Isophorone	7.716	82	527349	40.951	ng	99
26) 2-Nitrophenol	7.792	139	161790	43.587	ng	99
27) 2,4-Dimethylphenol	7.828	122	278705	42.577	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	328431	40.827	ng	99
29) 2,4-Dichlorophenol	8.034	162	249687	41.943	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	267217	41.361	ng	98
31) Naphthalene	8.204	128	858484	41.512	ng	100
32) Benzoic acid	7.945	122	187756	47.119	ng	98
33) 4-Chloroaniline	8.245	127	159218	19.000	ng	99
34) Hexachlorobutadiene	8.322	225	165421	41.006	ng	99
35) Caprolactam	8.651	113	27646	16.535	ng	92
36) 4-Chloro-3-methylphenol	8.728	107	258188	42.320	ng	100
37) 2-Methylnaphthalene	8.892	142	525947	40.425	ng	99
38) 1-Methylnaphthalene	8.992	142	546081	40.577	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	263980	41.919	ng	98
41) Hexachlorocyclopentadiene	9.045	237	359792	84.693	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	180364	42.474	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	194931	43.526	ng	99
46) 1,1'-Biphenyl	9.357	154	720742	42.347	ng	99
47) 2-Chloronaphthalene	9.386	162	526527	41.871	ng	98
48) 2-Nitroaniline	9.475	65	159351	43.842	ng	99
49) Acenaphthylene	9.798	152	884649	41.663	ng	100
50) Dimethylphthalate	9.657	163	621894	42.962	ng	100
51) 2,6-Dinitrotoluene	9.722	165	136260	43.614	ng	97
52) Acenaphthene	9.975	154	596010	45.968	ng	98
53) 3-Nitroaniline	9.886	138	101615	29.778	ng	97
54) 2,4-Dinitrophenol	9.998	184	161194	99.866	ng	93
55) Dibenzofuran	10.145	168	772348	41.395	ng	100
56) 4-Nitrophenol	10.045	139	232210	92.226	ng	98
57) 2,4-Dinitrotoluene	10.122	165	186323	45.666	ng	99
58) Fluorene	10.486	166	584961	40.582	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	164883	44.101	ng	92
60) Diethylphthalate	10.363	149	602922	42.647	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	283167	39.990	ng	99
62) 4-Nitroaniline	10.504	138	135463	43.770	ng	99
63) Azobenzene	10.639	77	602872	47.478	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	99910	52.119	ng	97
66) n-Nitrosodiphenylamine	10.598	169	514992	43.823	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	172489	42.468	ng	98
68) Hexachlorobenzene	11.039	284	188464	41.953	ng	99
69) Atrazine	11.127	200	155387	49.789	ng	98
70) Pentachlorophenol	11.233	266	224219	88.406	ng	100
71) Phenanthrene	11.457	178	772583	42.086	ng	99
72) Anthracene	11.504	178	788285	42.076	ng	99
73) Carbazole	11.657	167	699831	43.695	ng	98
74) Di-n-butylphthalate	11.986	149	818130	46.667	ng	99
75) Fluoranthene	12.645	202	748813	43.655	ng	99
77) Benzidine	12.763	184	361186	48.848	ng	99
78) Pyrene	12.874	202	738637	39.849	ng	100
80) Butylbenzylphthalate	13.486	149	265770	51.891	ng	100
81) Benzo(a)anthracene	14.057	228	585521	44.130	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	97220	24.158	ng	100
83) Chrysene	14.098	228	489364	41.046	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	327239	49.910	ng	99
85) Di-n-octyl phthalate	14.657	149	526860	41.096	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	667942	41.162	ng	99
88) Benzo(b)fluoranthene	15.121	252	512777	40.083	ng	98
89) Benzo(k)fluoranthene	15.151	252	528247	44.087	ng	99
90) Benzo(a)pyrene	15.498	252	517897	42.949	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	543744	41.314	ng	99
92) Benzo(g,h,i)perylene	17.533	276	546081	41.483	ng	99

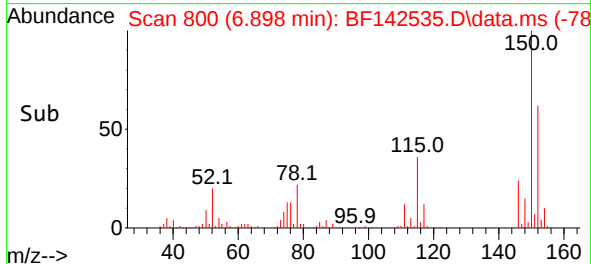
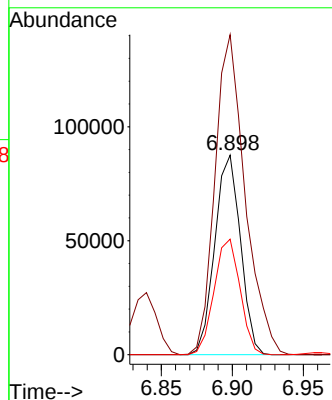
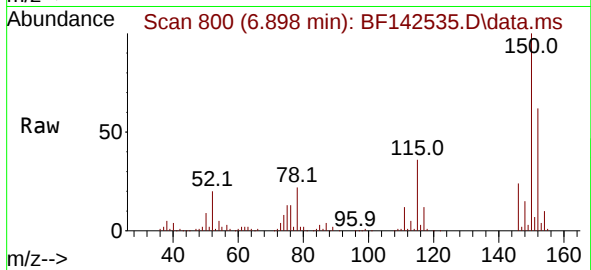
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142535.D
 Acq: 23 May 2025 15:07

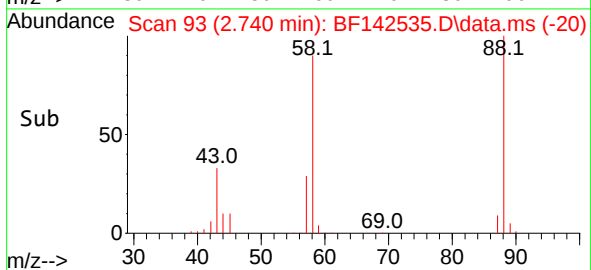
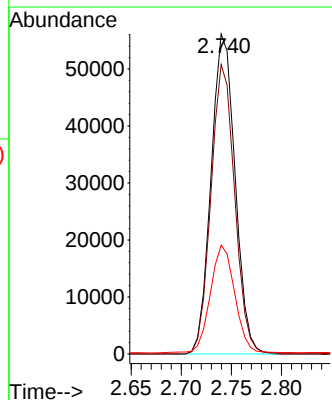
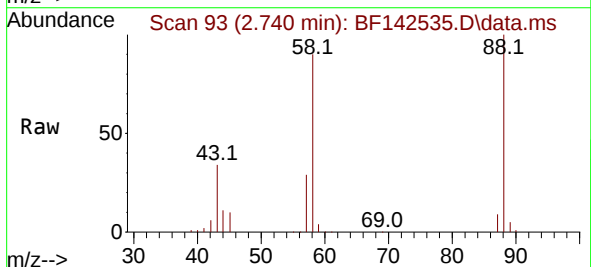
Instrument :
 BNA_F
 ClientSampleId :
 RBR200044MSD

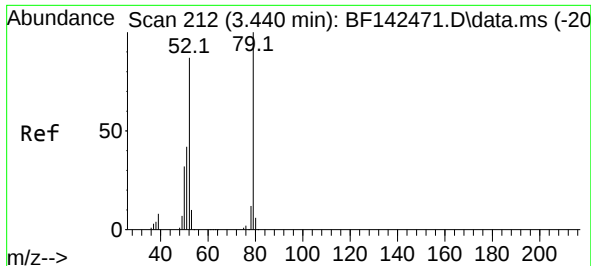
Tgt Ion:152 Resp: 110068
 Ion Ratio Lower Upper
 152 100
 150 160.4 128.2 192.4
 115 57.9 48.3 72.5



#2
 1,4-Dioxane
 Concen: 35.742 ng
 RT: 2.740 min Scan# 93
 Delta R.T. 0.077 min
 Lab File: BF142535.D
 Acq: 23 May 2025 15:07

Tgt Ion: 88 Resp: 93442
 Ion Ratio Lower Upper
 88 100
 58 89.2 70.8 106.2
 43 34.4 26.6 40.0





#3

Pyridine

Concen: 38.544 ng

RT: 3.499 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD

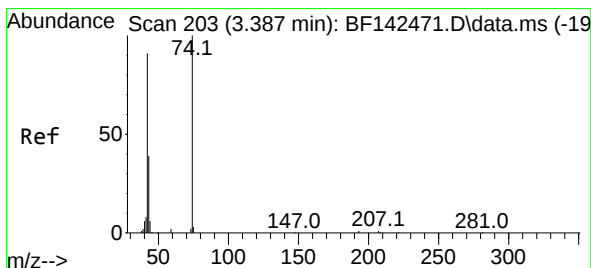
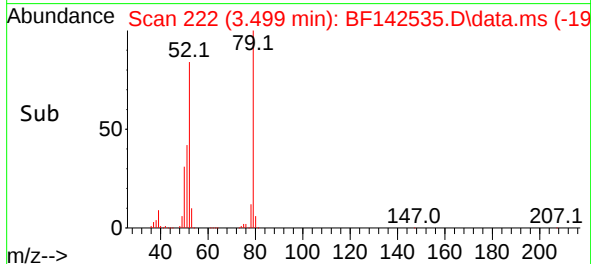
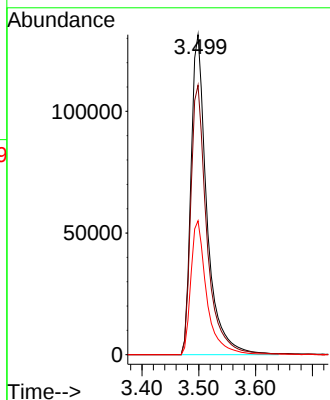
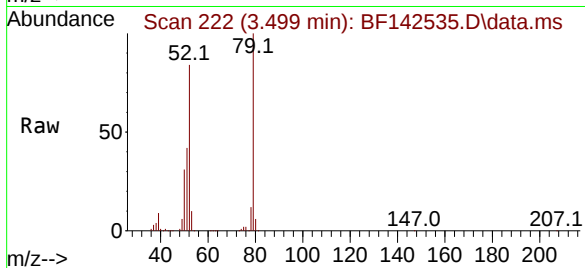
Tgt Ion: 79 Resp: 256606

Ion Ratio Lower Upper

79 100

52 84.2 69.2 103.8

51 41.9 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 41.440 ng

RT: 3.451 min Scan# 214

Delta R.T. 0.047 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

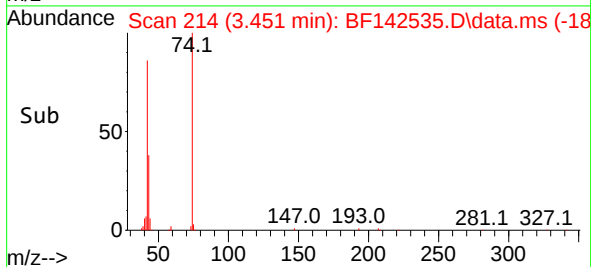
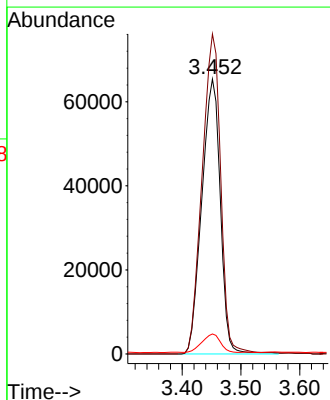
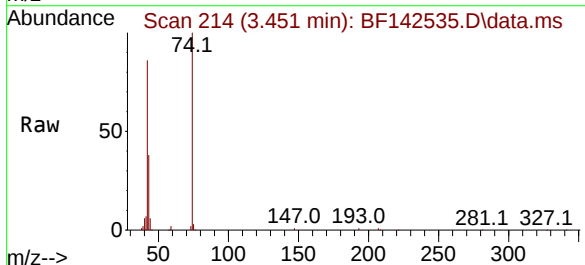
Tgt Ion: 42 Resp: 143244

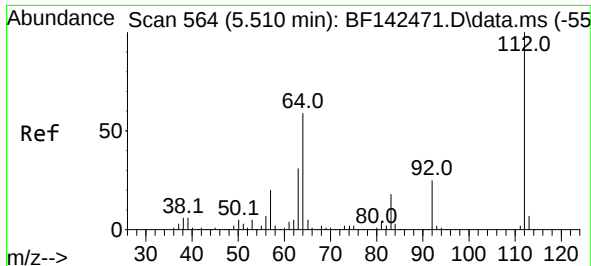
Ion Ratio Lower Upper

42 100

74 116.4 88.2 132.4

44 7.3 5.4 8.2

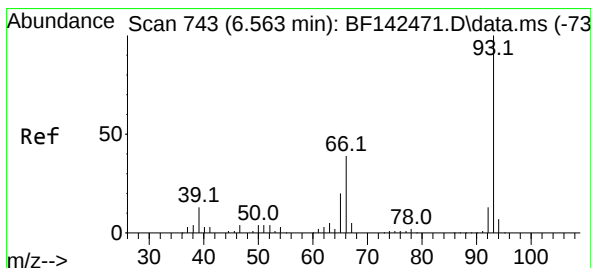
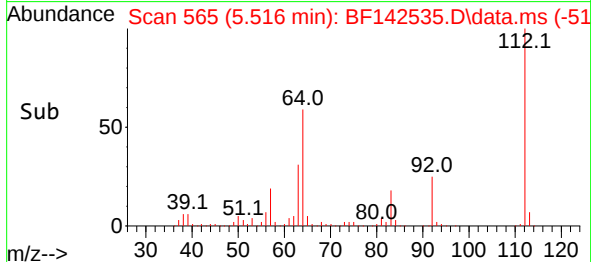
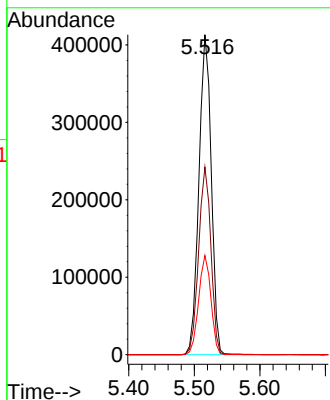
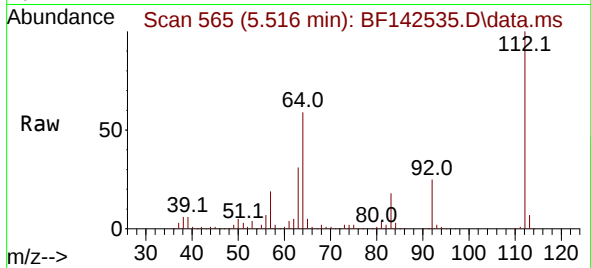




#5
2-Fluorophenol
Concen: 83.195 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

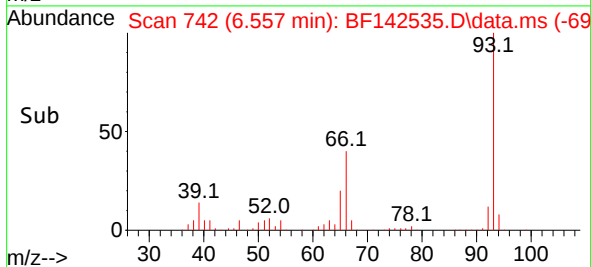
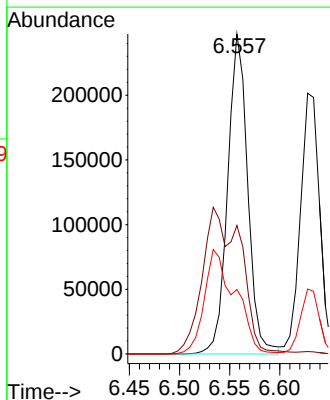
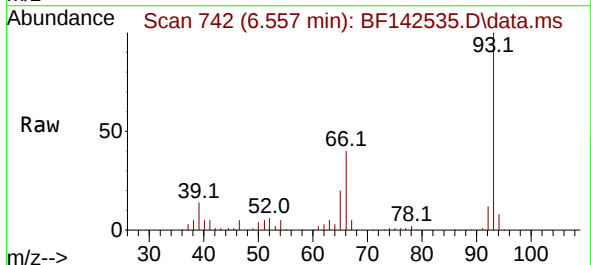
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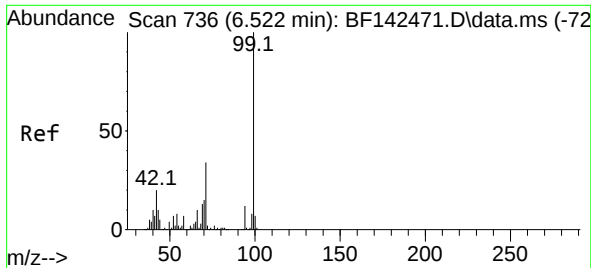
Tgt Ion:112 Resp: 543529
Ion Ratio Lower Upper
112 100
64 58.6 47.5 71.3
63 31.0 24.9 37.3



#6
Aniline
Concen: 32.583 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion: 93 Resp: 344545
Ion Ratio Lower Upper
93 100
66 40.2 32.0 48.0
65 20.2 16.1 24.1

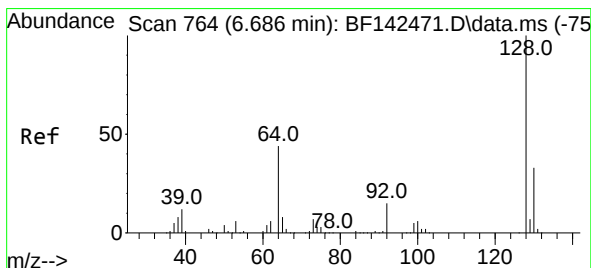
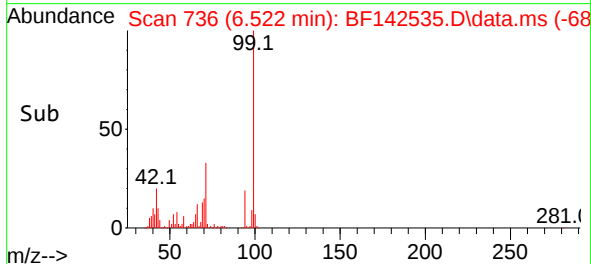
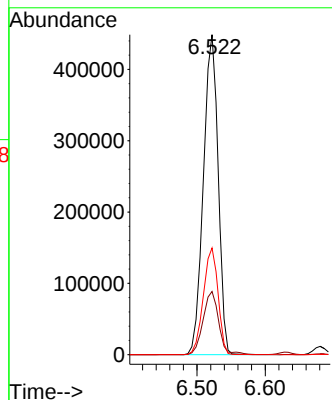
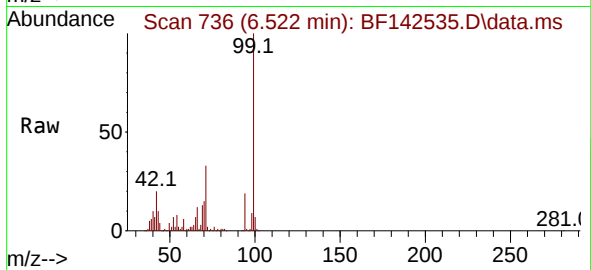




#7
Phenol-d6
Concen: 85.805 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

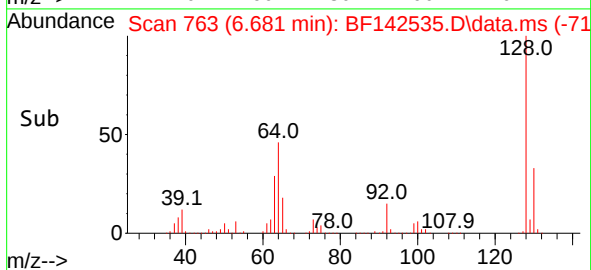
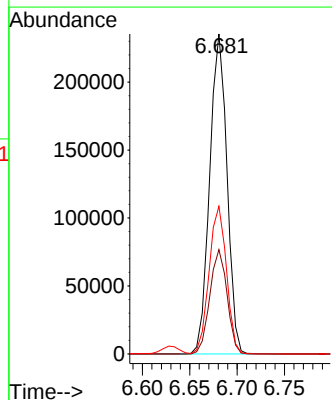
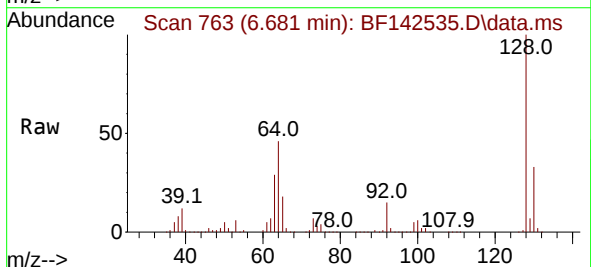
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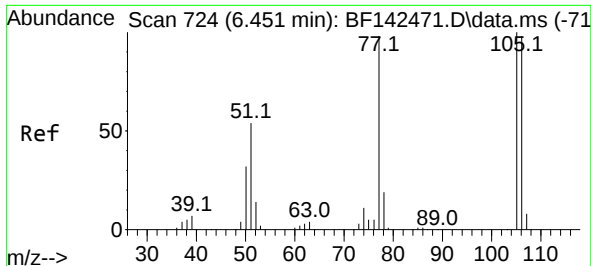
Tgt Ion: 99 Resp: 674801
Ion Ratio Lower Upper
99 100
42 19.8 16.2 24.2
71 33.4 27.3 40.9



#8
2-Chlorophenol
Concen: 42.084 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:128 Resp: 299473
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 46.1 25.1 65.1

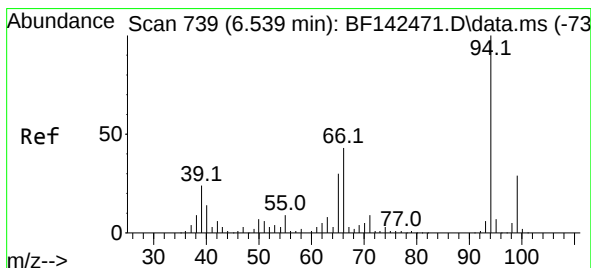
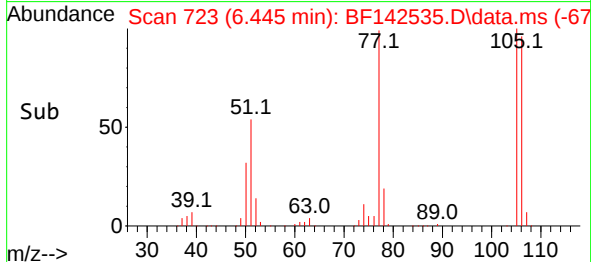
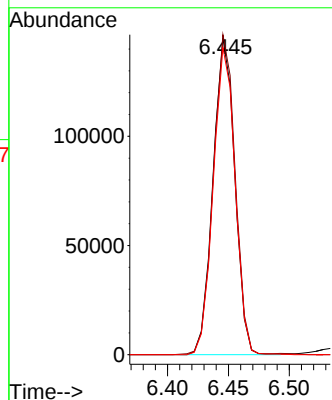
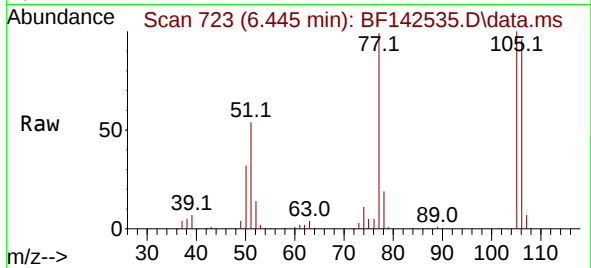




#9
Benzaldehyde
Concen: 38.082 ng
RT: 6.445 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

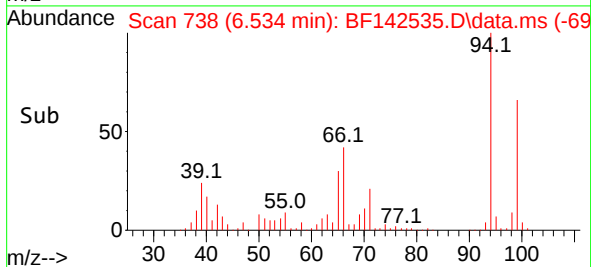
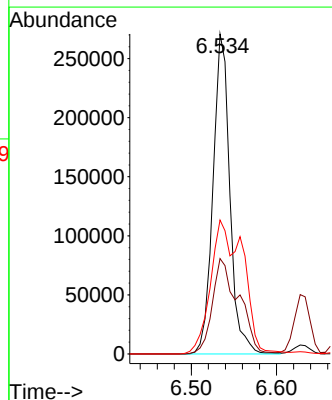
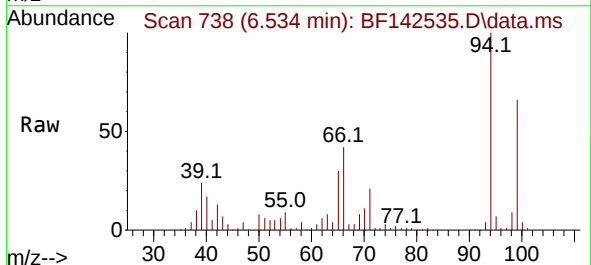
Instrument :
BNA_F
ClientSampleId :
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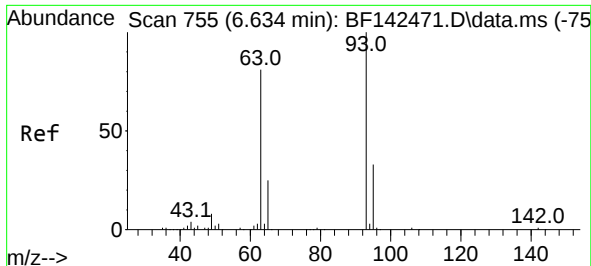
Tgt Ion: 77 Resp: 180135
Ion Ratio Lower Upper
77 100
105 101.1 82.5 122.5
106 97.1 80.0 120.0



#10
Phenol
Concen: 42.208 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion: 94 Resp: 373505
Ion Ratio Lower Upper
94 100
65 29.8 10.3 50.3
66 41.9 22.6 62.6

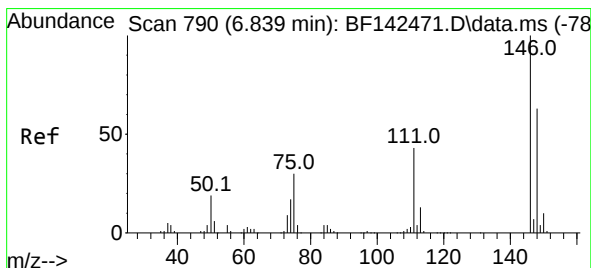
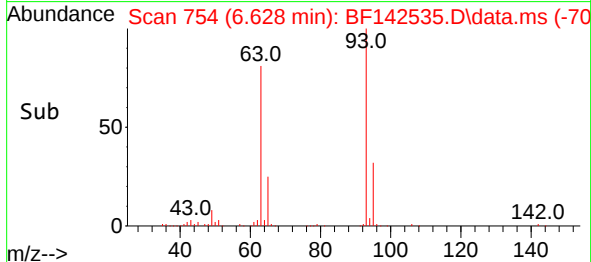
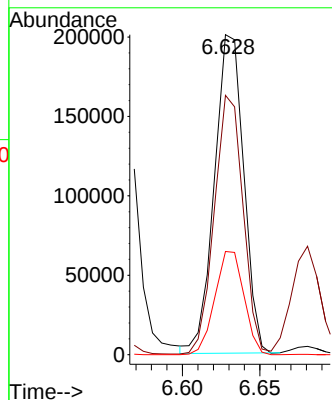
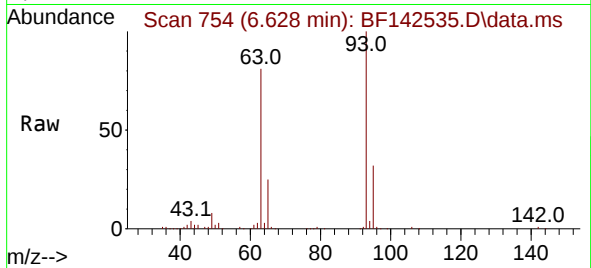




#11
bis(2-Chloroethyl)ether
Concen: 41.394 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

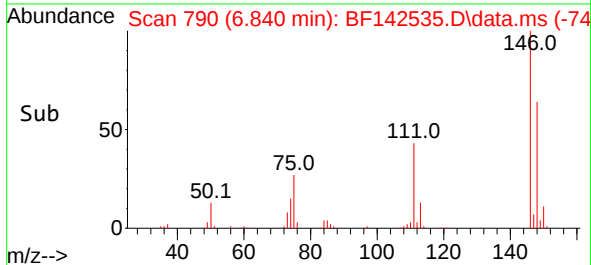
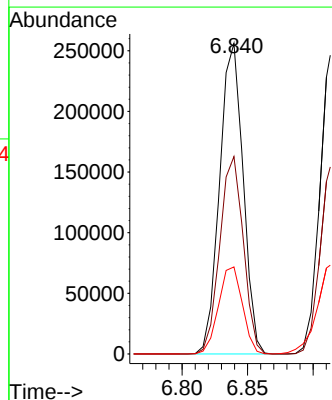
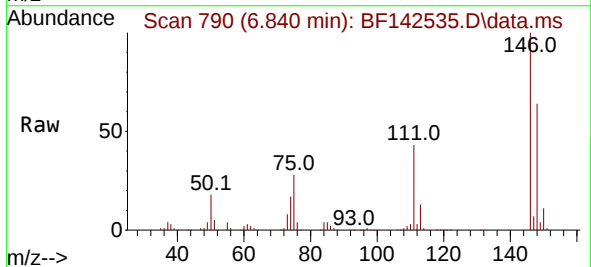
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

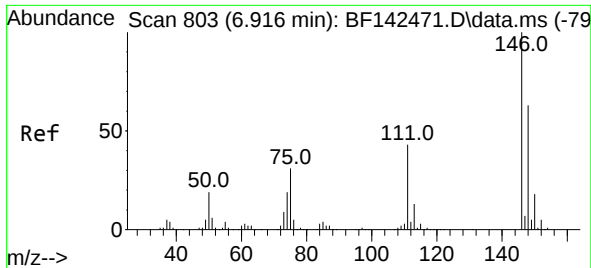
Tgt Ion: 93 Resp: 263673
Ion Ratio Lower Upper
93 100
63 81.0 60.2 100.2
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 40.164 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:146 Resp: 318919
Ion Ratio Lower Upper
146 100
148 63.5 50.6 75.8
75 28.0 23.8 35.6

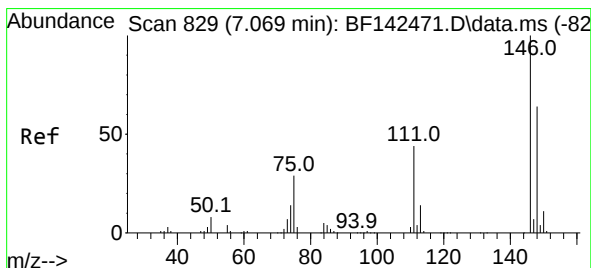
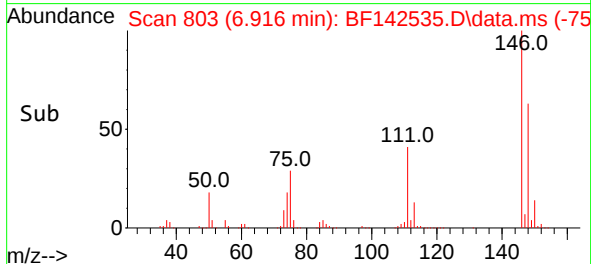
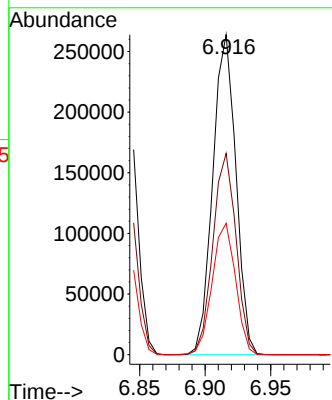
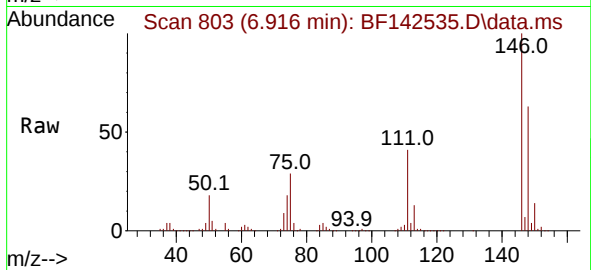




#13
1,4-Dichlorobenzene
Concen: 40.496 ng
RT: 6.916 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

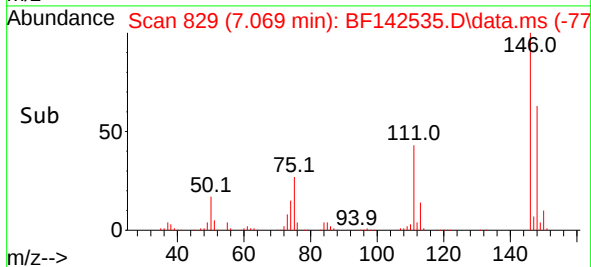
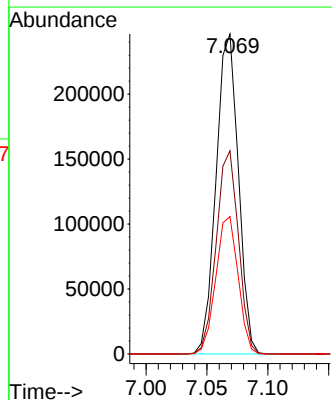
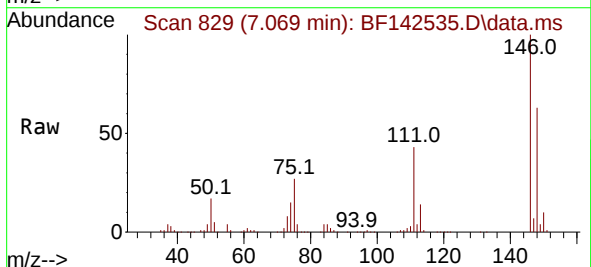
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

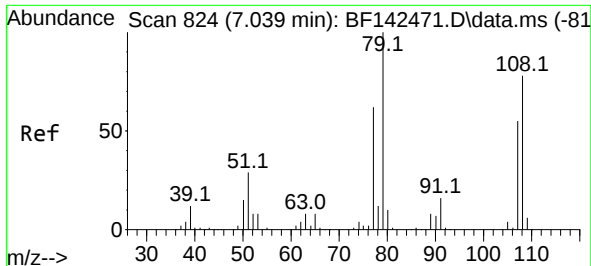
Tgt Ion:146 Resp: 323908
Ion Ratio Lower Upper
146 100
148 62.9 50.4 75.6
111 41.1 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 41.012 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:146 Resp: 313884
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
111 43.0 35.0 52.6

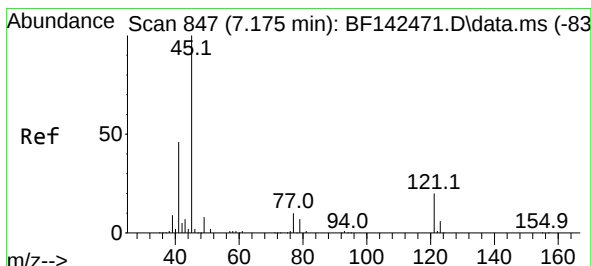
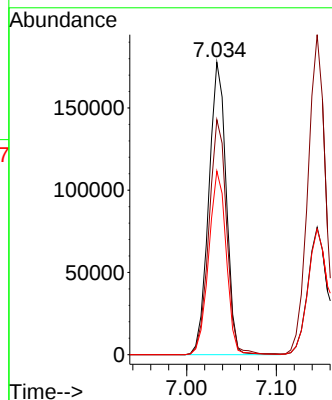
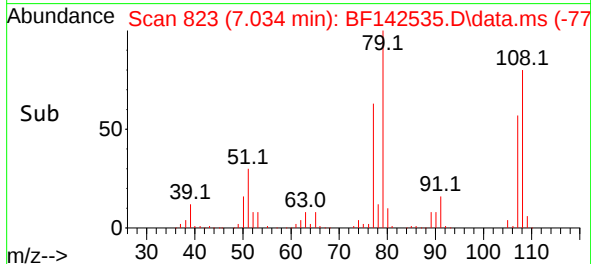
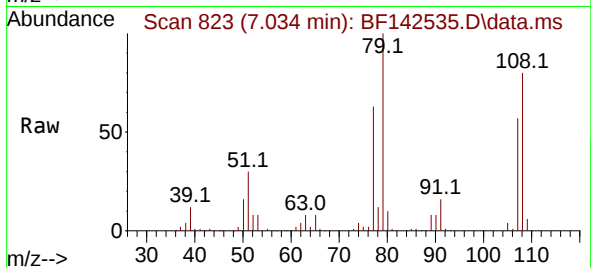




#15
Benzyl Alcohol
Concen: 41.303 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

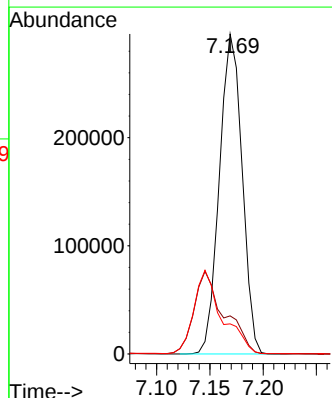
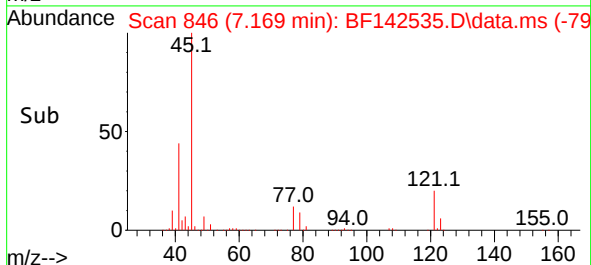
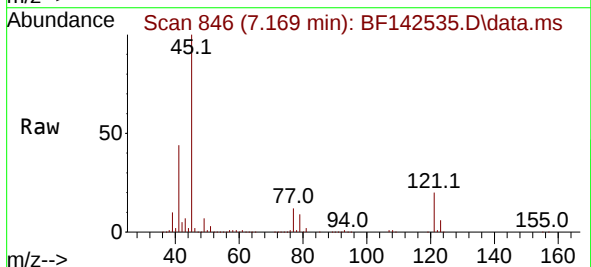
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

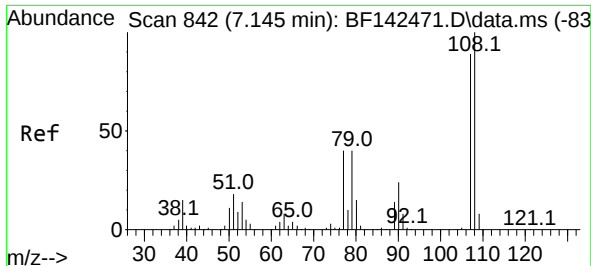
Tgt Ion: 79 Resp: 240046
Ion Ratio Lower Upper
79 100
108 80.4 62.1 93.1
77 62.8 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.928 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion: 45 Resp: 437815
Ion Ratio Lower Upper
45 100
77 11.9 0.0 32.0
79 9.4 0.0 29.2

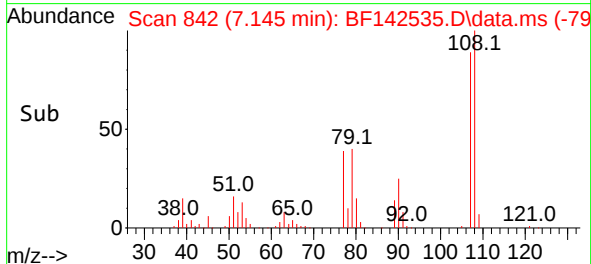
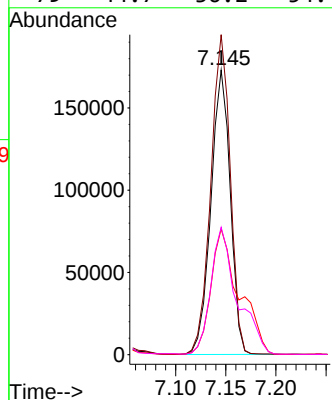
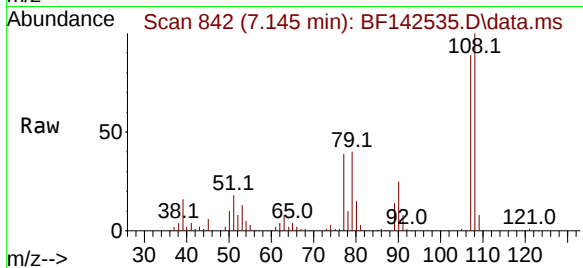




#17
2-Methylphenol
Concen: 41.746 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

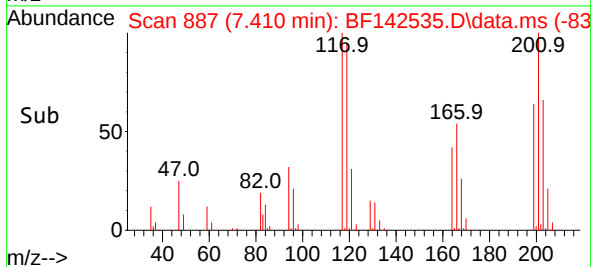
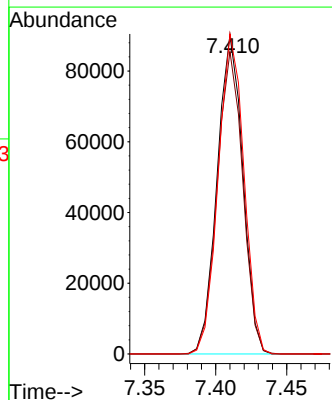
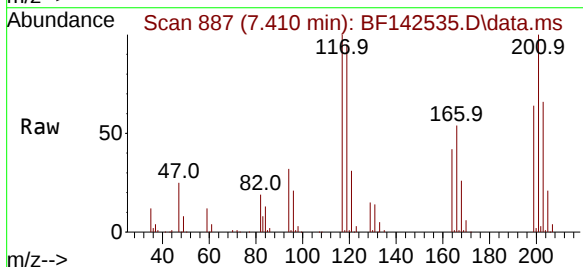
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

Tgt Ion:	107	Resp:	231936
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.2	135.2
77	44.2	36.1	54.1
79	44.7	36.2	54.4



#18
Hexachloroethane
Concen: 40.524 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:	117	Resp:	113182
Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.6	114.8
201	100.3	81.3	121.9





#19

n-Nitroso-di-n-propylamine

Concen: 39.319 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF142535.D

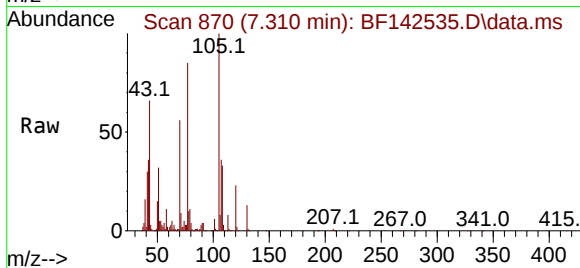
Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD



Tgt Ion: 70 Resp: 191639

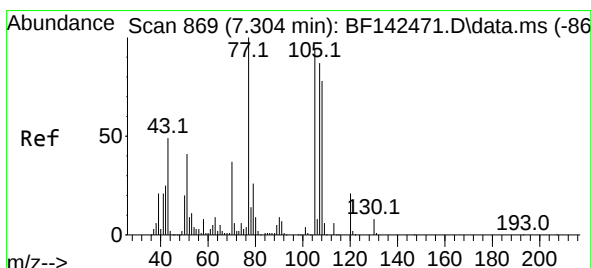
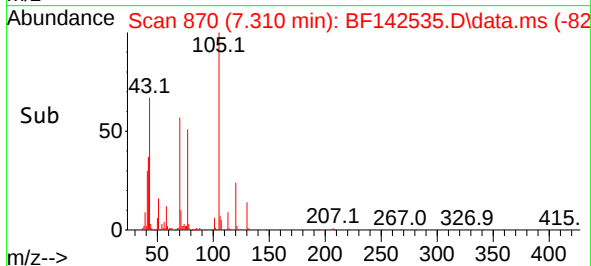
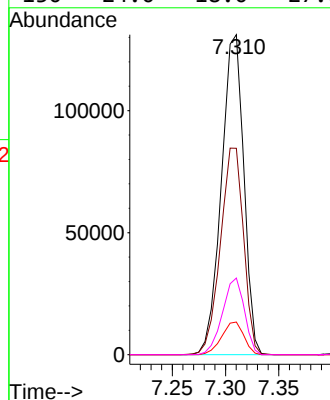
Ion Ratio Lower Upper

70 100

42 64.5 52.4 78.6

101 10.2 7.8 11.8

130 24.0 18.0 27.0



#20

3+4-Methylphenols

Concen: 40.900 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.012 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

Tgt Ion: 107 Resp: 290992

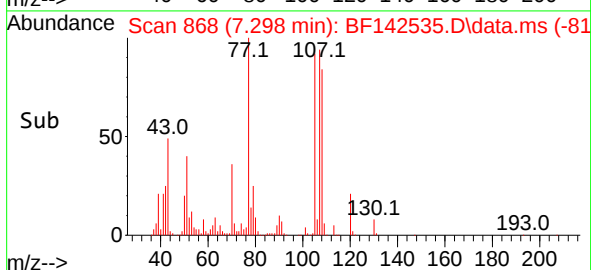
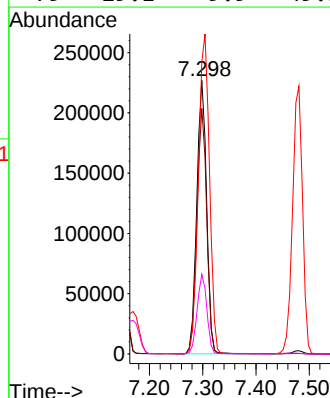
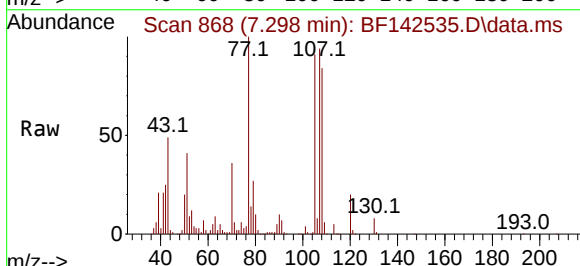
Ion Ratio Lower Upper

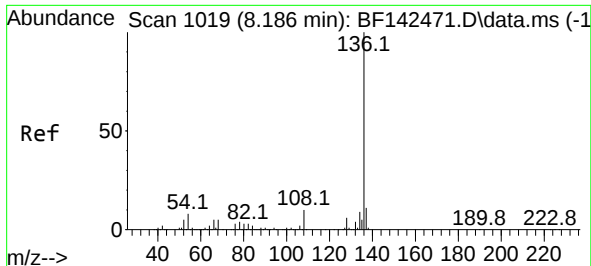
107 100

108 89.7 70.4 110.4

77 106.7 95.4 135.4

79 29.1 9.9 49.9

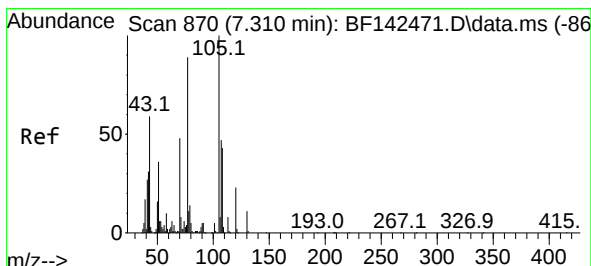
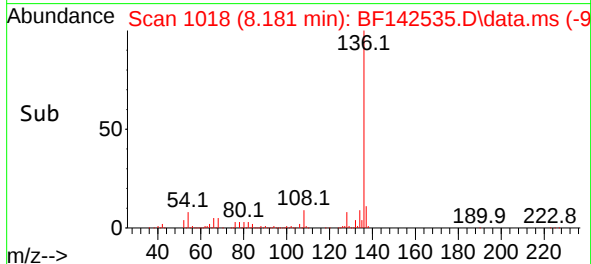
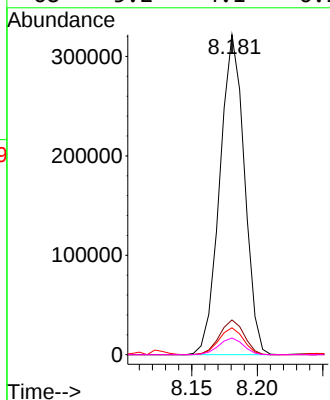
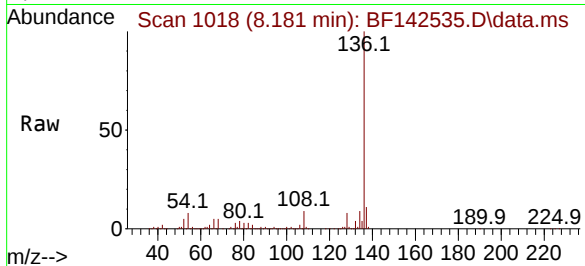




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

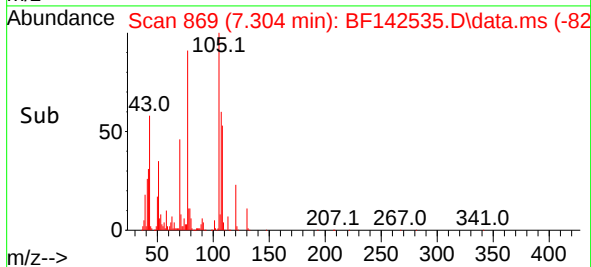
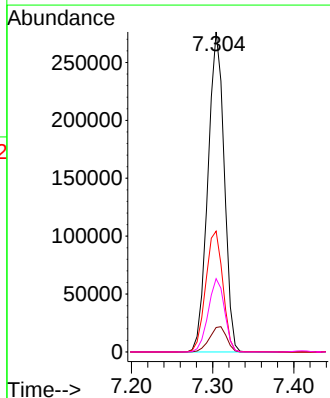
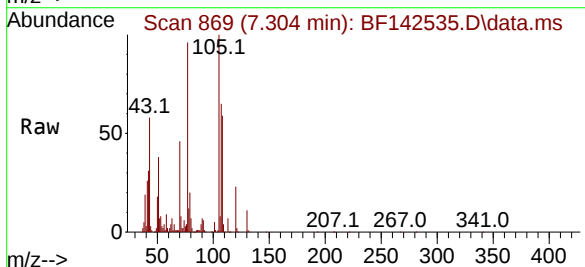
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

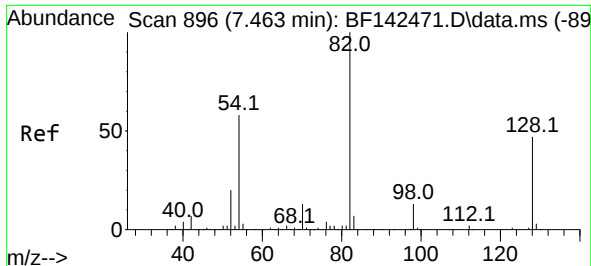
Tgt Ion:136 Resp: 419996
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.4 6.6 10.0
68 5.2 4.1 6.1



#22
Acetophenone
Concen: 41.415 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:105 Resp: 385053
Ion Ratio Lower Upper
105 100
71 7.7 6.4 9.6
51 37.7 28.6 42.8
120 22.9 18.5 27.7





#23

Nitrobenzene-d5

Concen: 52.252 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD

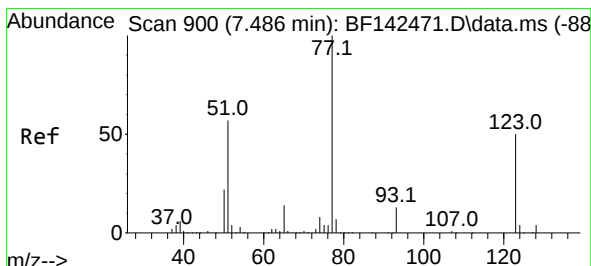
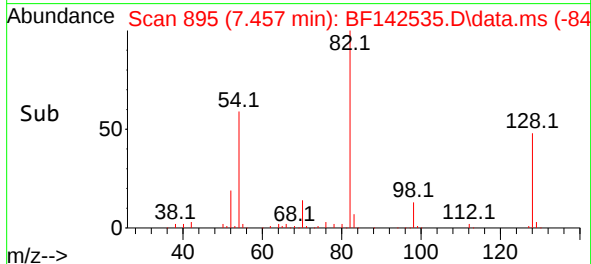
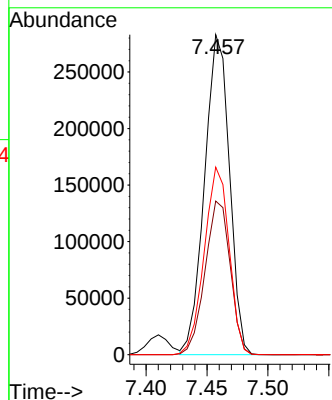
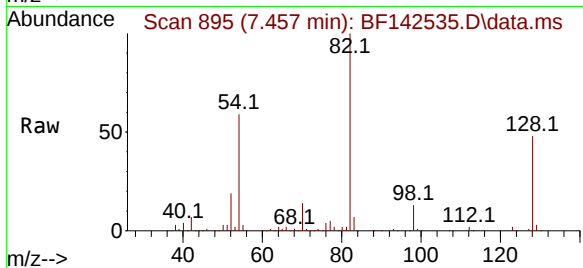
Tgt Ion: 82 Resp: 402460

Ion Ratio Lower Upper

82 100

128 48.0 37.4 56.2

54 58.6 46.6 70.0



#24

Nitrobenzene

Concen: 41.642 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

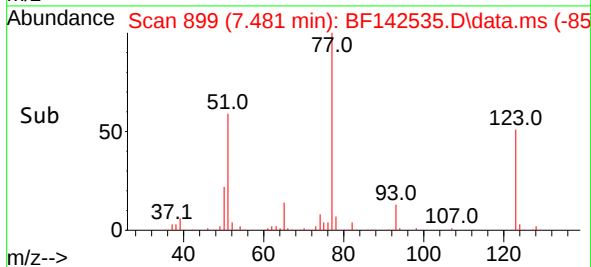
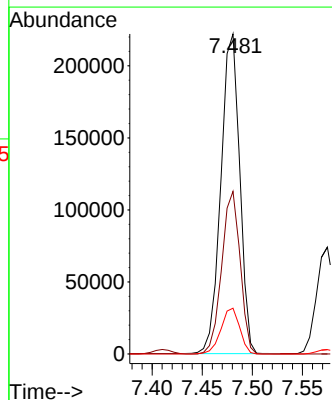
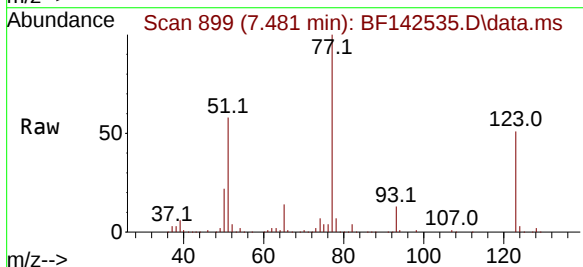
Tgt Ion: 77 Resp: 289274

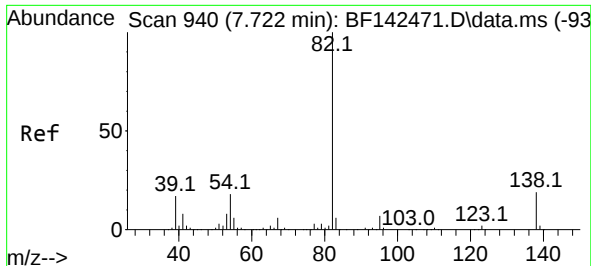
Ion Ratio Lower Upper

77 100

123 50.8 40.6 61.0

65 14.3 11.4 17.2

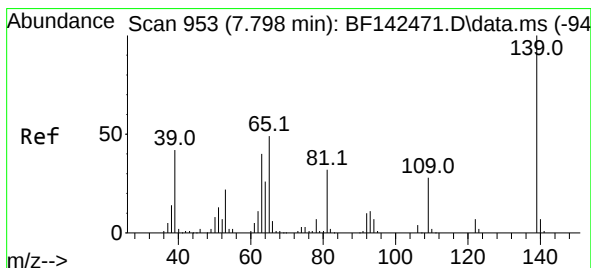
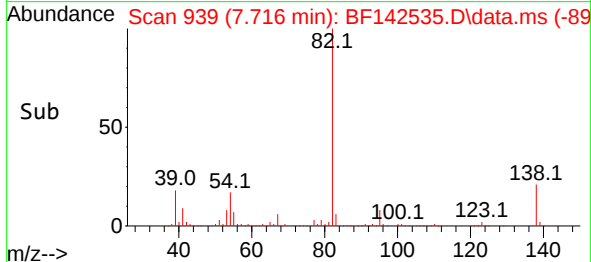
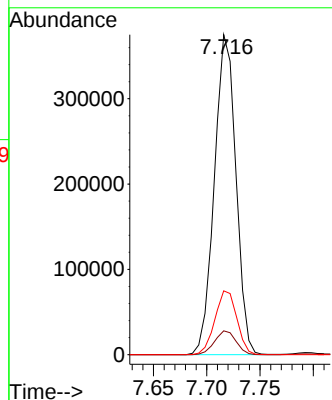
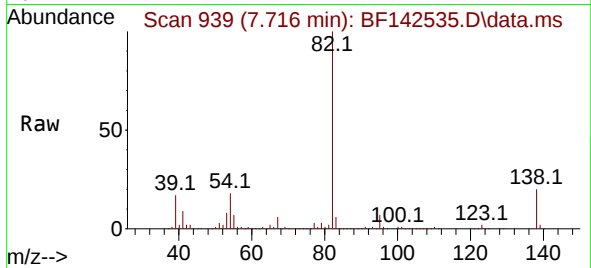




#25
Isophorone
Concen: 40.951 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

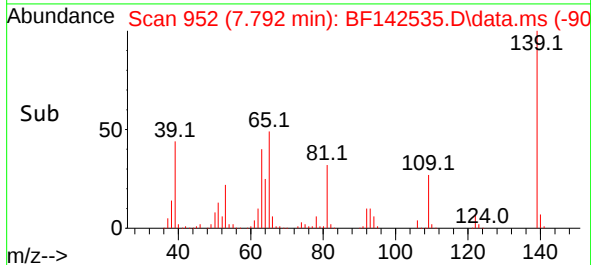
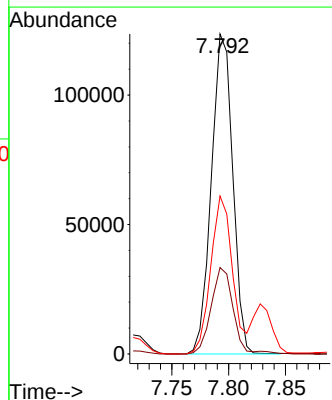
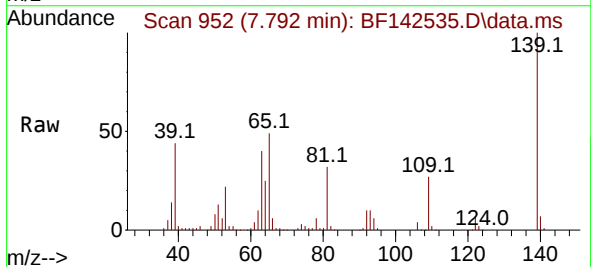
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

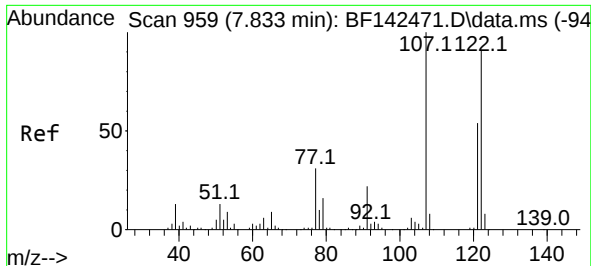
Tgt Ion: 82 Resp: 527349
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 19.9 15.5 23.3



#26
2-Nitrophenol
Concen: 43.587 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:139 Resp: 161790
Ion Ratio Lower Upper
139 100
109 27.0 22.6 33.8
65 49.3 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 42.577 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF142535.D

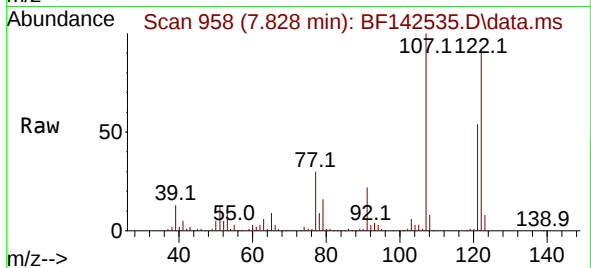
Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD



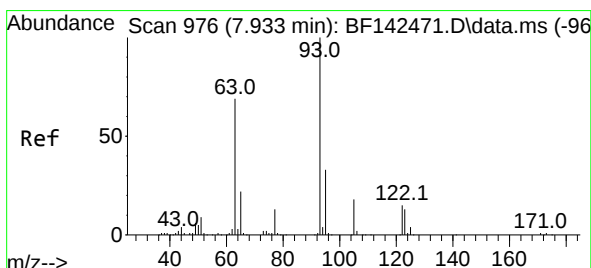
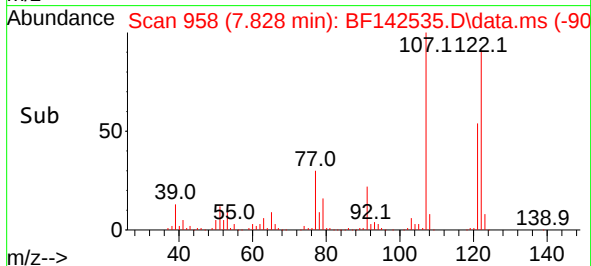
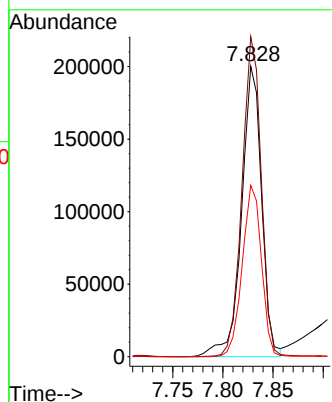
Tgt Ion:122 Resp: 278705

Ion Ratio Lower Upper

122 100

107 110.2 88.1 132.1

121 59.0 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 40.827 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

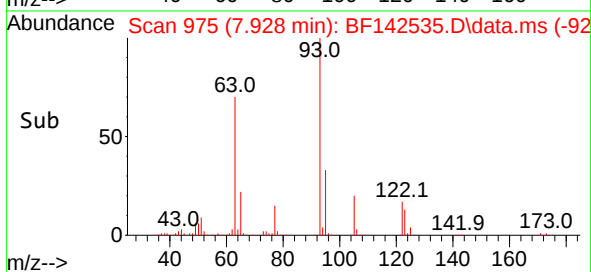
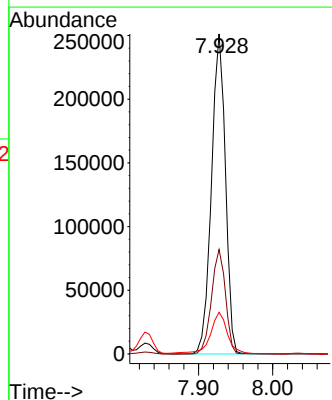
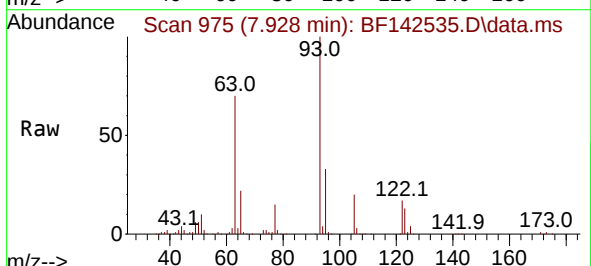
Tgt Ion: 93 Resp: 328431

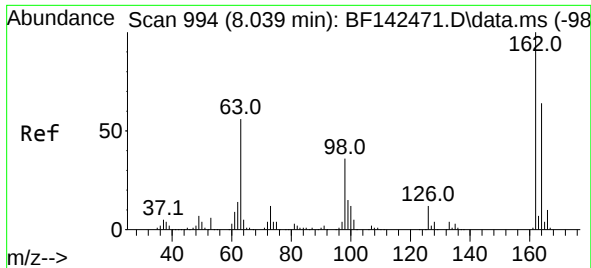
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 13.0 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 41.943 ng

RT: 8.034 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD

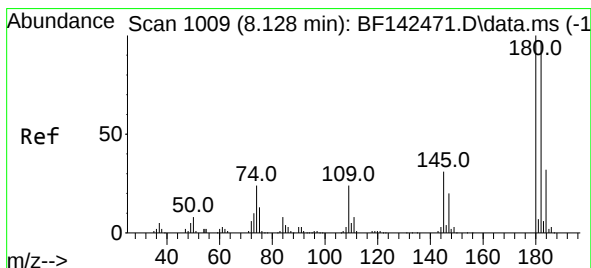
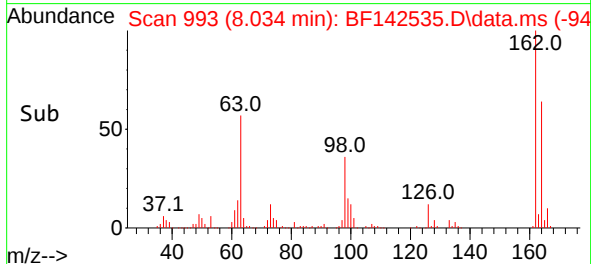
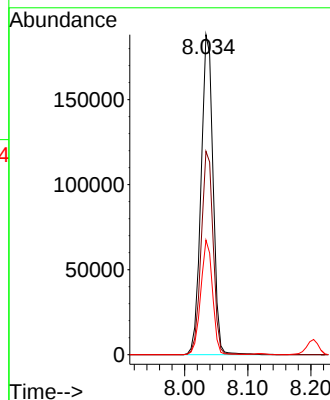
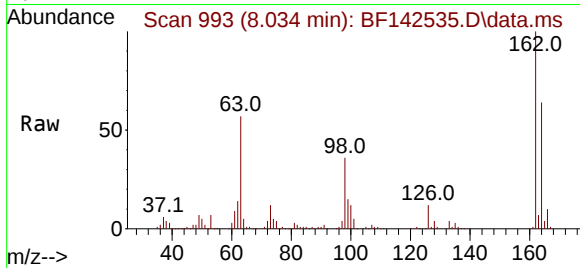
Tgt Ion:162 Resp: 249687

Ion Ratio Lower Upper

162 100

164 63.6 43.7 83.7

98 35.8 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 41.361 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

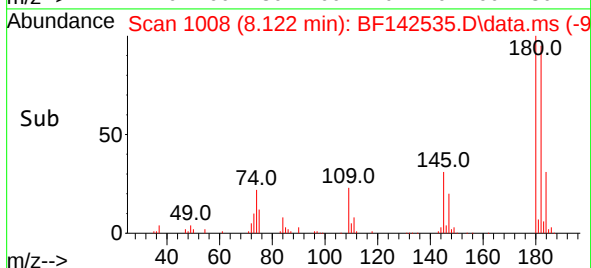
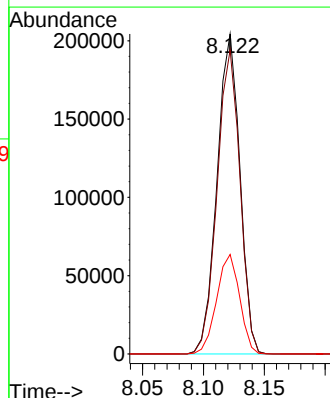
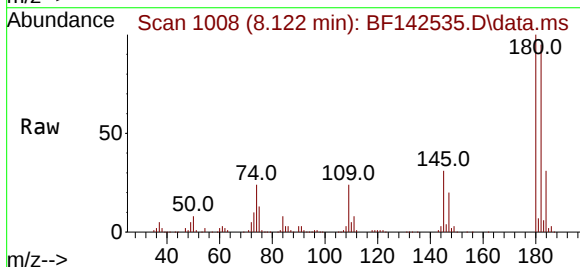
Tgt Ion:180 Resp: 267217

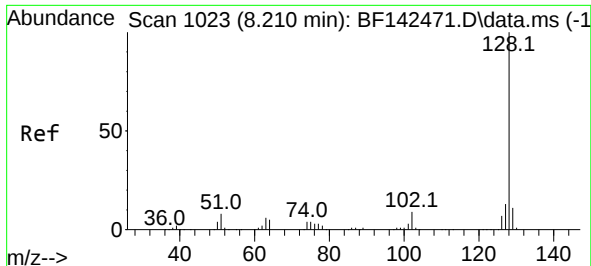
Ion Ratio Lower Upper

180 100

182 95.0 78.0 117.0

145 31.1 25.0 37.6

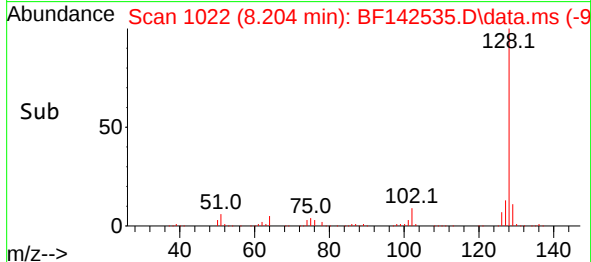
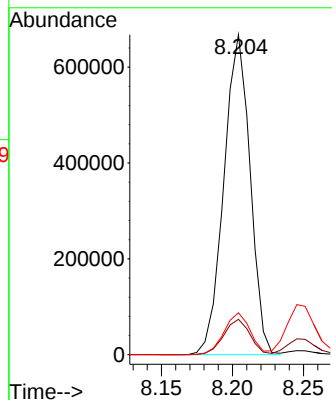
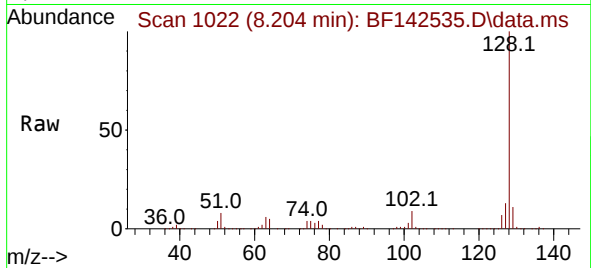




#31
Naphthalene
Concen: 41.512 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

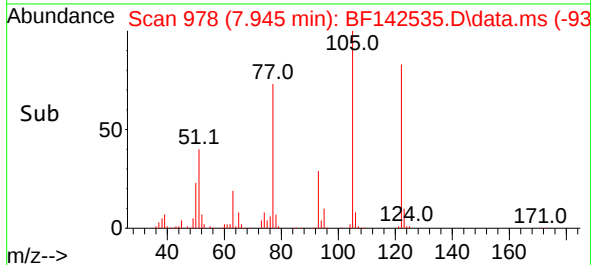
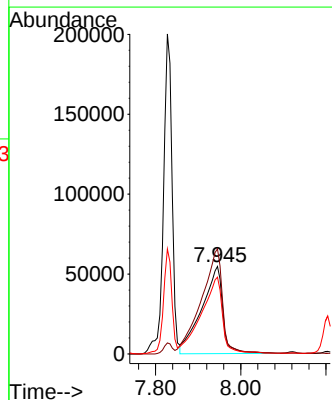
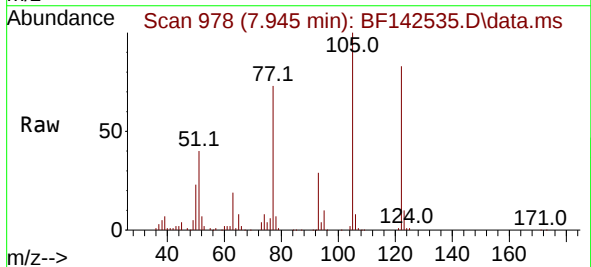
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

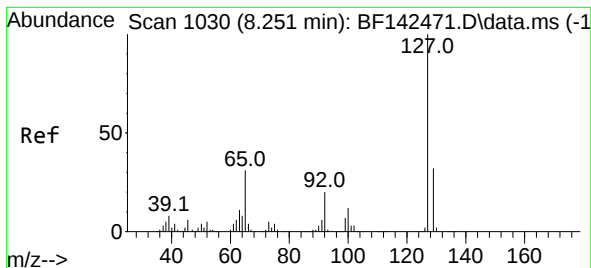
Tgt Ion:128 Resp: 858484
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 47.119 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.030 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:122 Resp: 187756
Ion Ratio Lower Upper
122 100
105 120.2 101.7 141.7
77 87.8 69.5 109.5

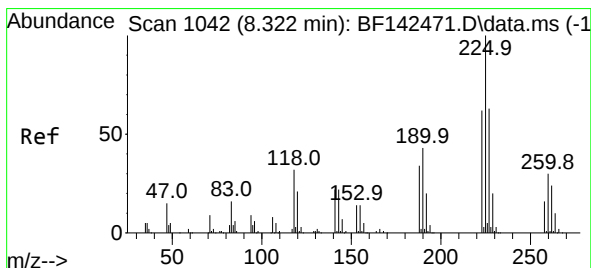
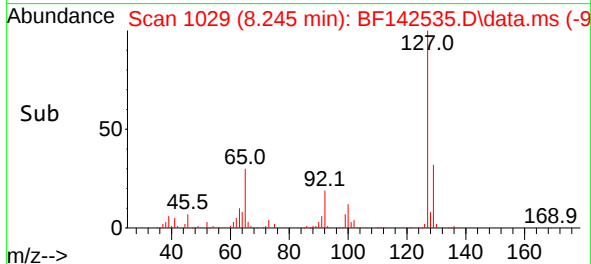
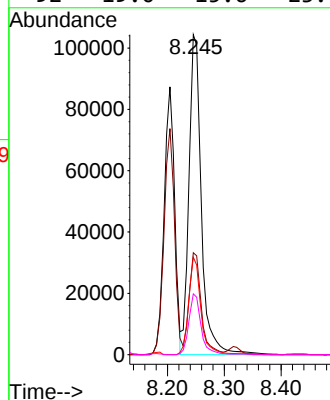
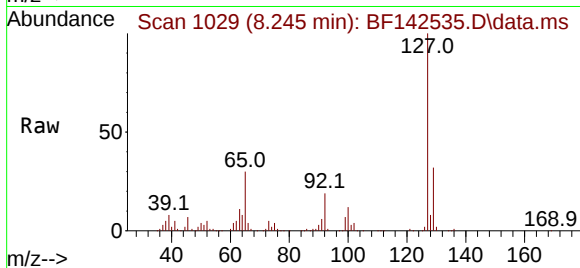




#33
4-Chloroaniline
Concen: 19.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

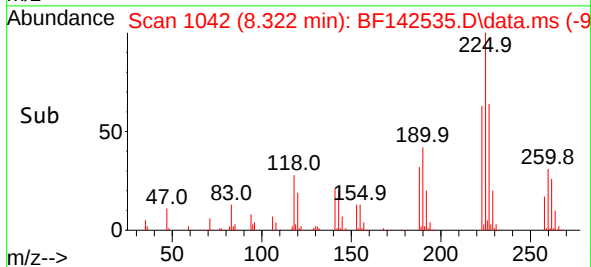
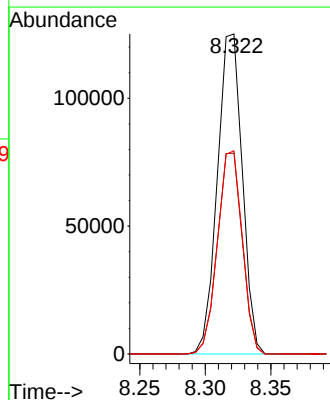
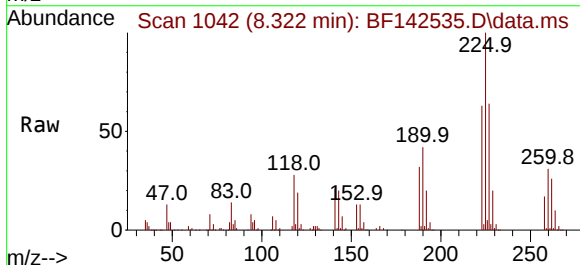
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

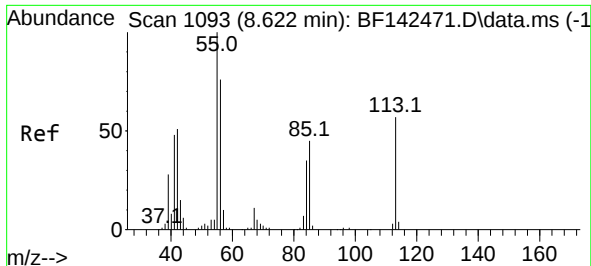
Tgt Ion:	127	Resp:	159218
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.1	39.1
65	30.5	24.9	37.3
92	19.0	15.6	23.4



#34
Hexachlorobutadiene
Concen: 41.006 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:	225	Resp:	165421
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.7	74.5
227	63.5	50.3	75.5

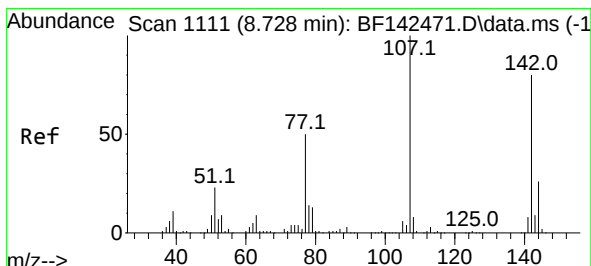
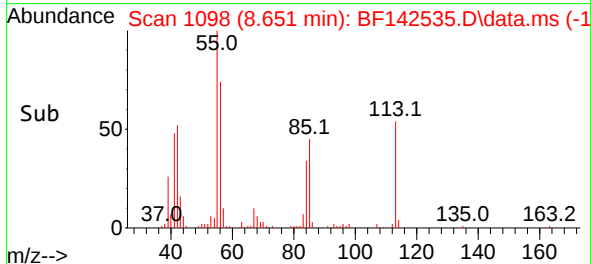
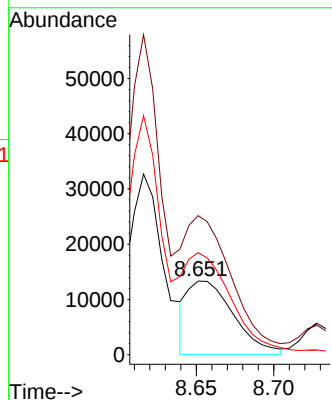
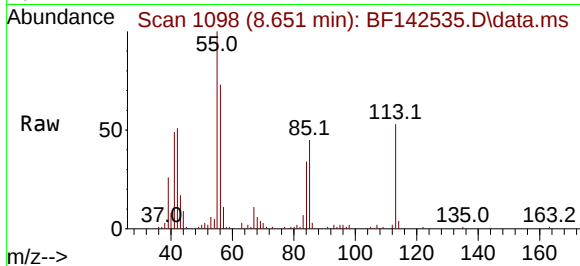




#35
 Caprolactam
 Concen: 16.535 ng
 RT: 8.651 min Scan# 1098
 Delta R.T. 0.006 min
 Lab File: BF142535.D
 Acq: 23 May 2025 15:07

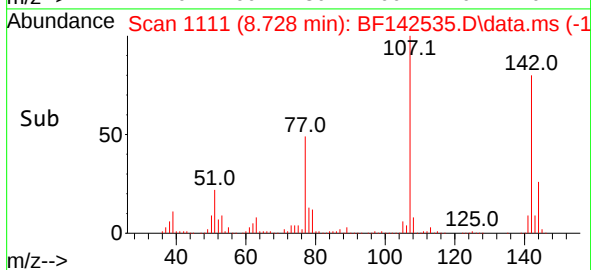
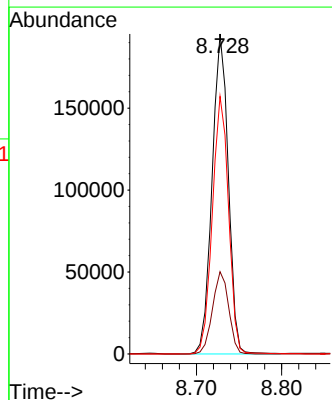
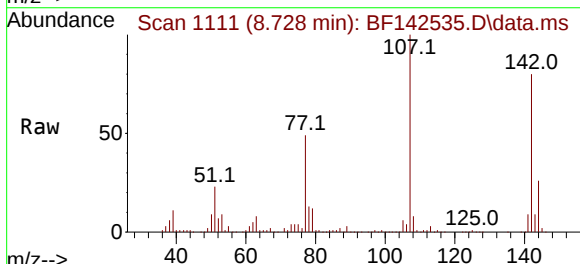
Instrument :
 BNA_F
 ClientSampleId :
 RBR200044MSD

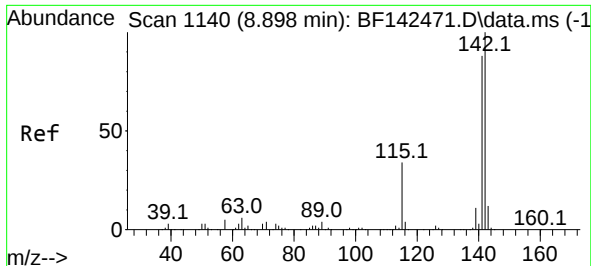
Tgt Ion:113 Resp: 27646
 Ion Ratio Lower Upper
 113 100
 55 188.9 154.7 194.7
 56 138.5 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 42.320 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF142535.D
 Acq: 23 May 2025 15:07

Tgt Ion:107 Resp: 258188
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.9 31.3
 142 80.5 64.2 96.2





#37

2-Methylnaphthalene

Concen: 40.425 ng

RT: 8.892 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

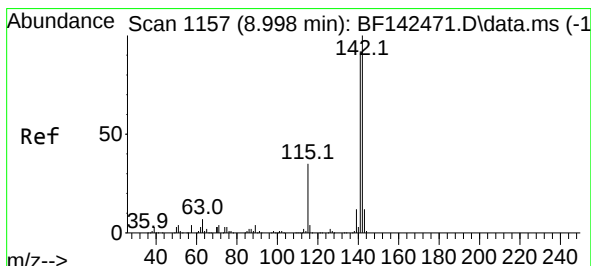
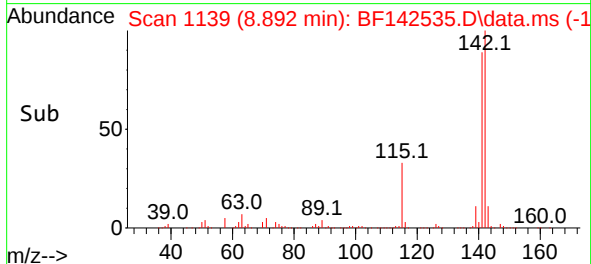
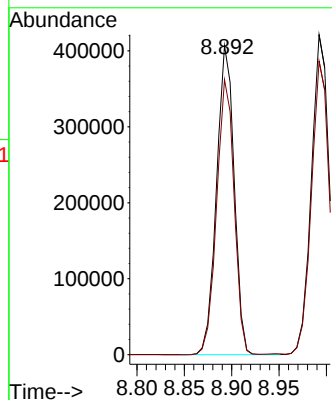
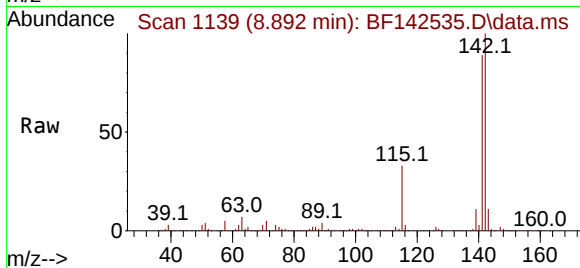
RBR200044MSD

Tgt Ion:142 Resp: 525947

Ion Ratio Lower Upper

142 100

141 89.0 70.7 106.1



#38

1-Methylnaphthalene

Concen: 40.577 ng

RT: 8.992 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF142535.D

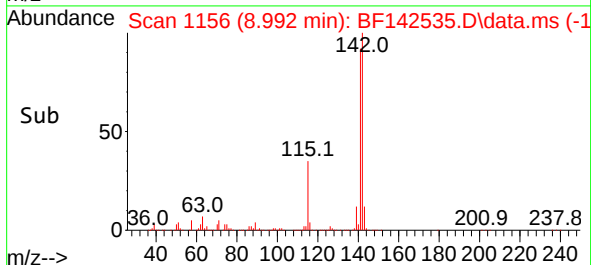
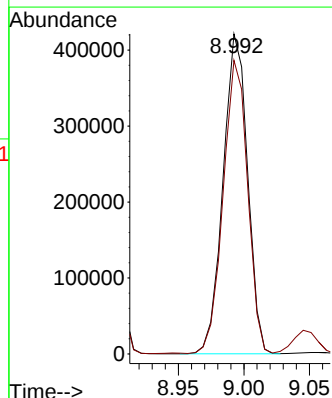
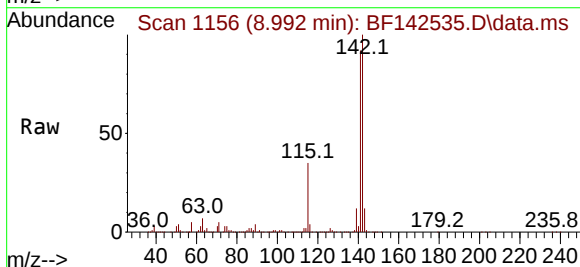
Acq: 23 May 2025 15:07

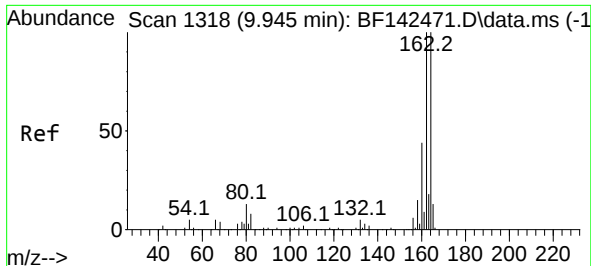
Tgt Ion:142 Resp: 546081

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.2

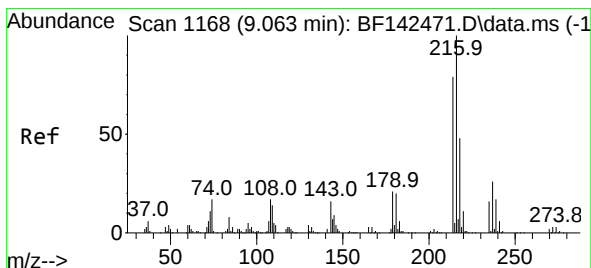
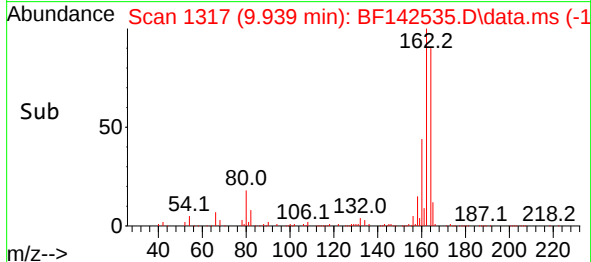
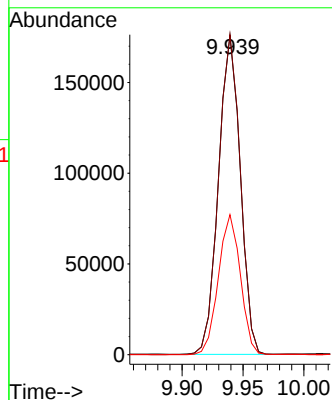
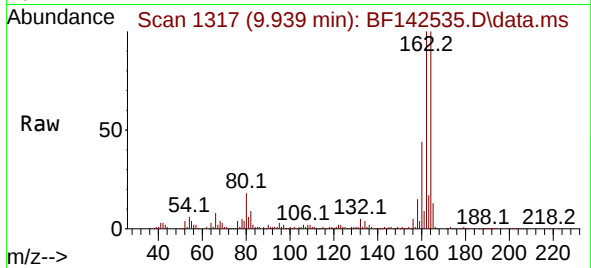




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

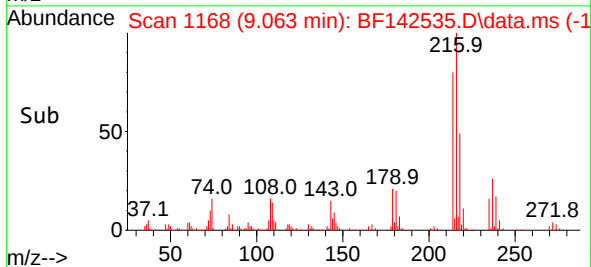
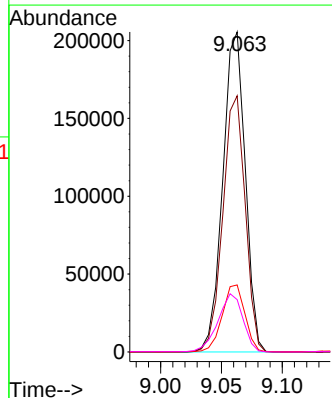
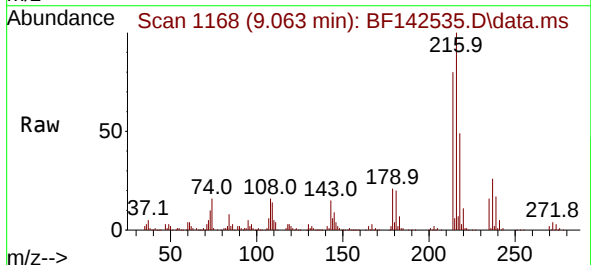
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

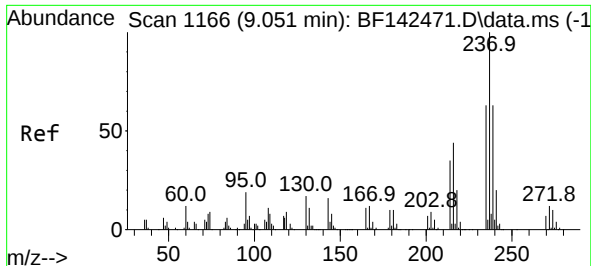
Tgt Ion:164 Resp: 219379
Ion Ratio Lower Upper
164 100
162 100.3 80.2 120.4
160 43.9 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.919 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:216 Resp: 263980
Ion Ratio Lower Upper
216 100
214 79.8 62.9 94.3
179 21.1 16.9 25.3
108 20.3 14.6 22.0

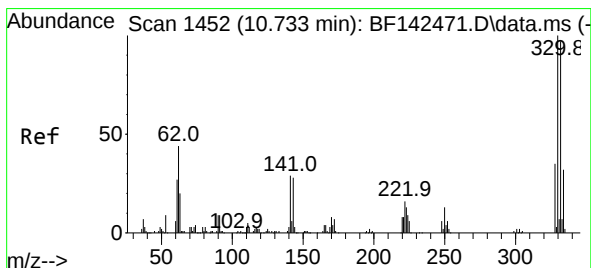
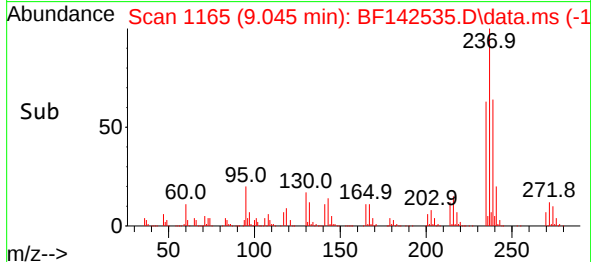
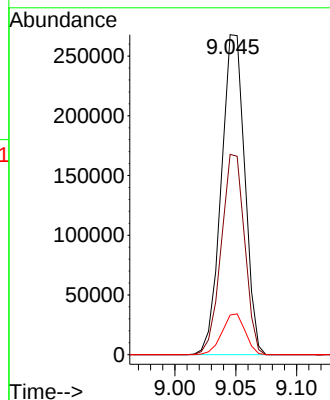
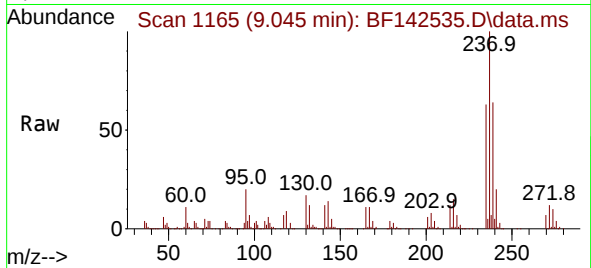




#41
Hexachlorocyclopentadiene
Concen: 84.693 ng
RT: 9.045 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

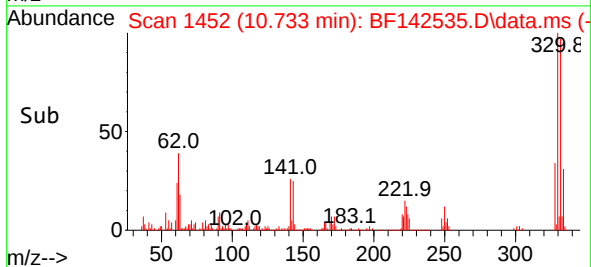
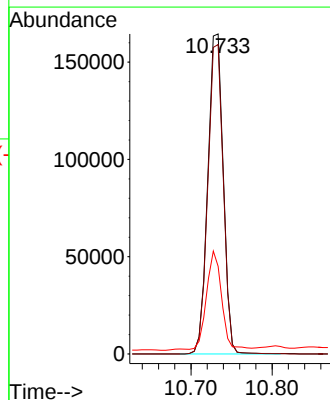
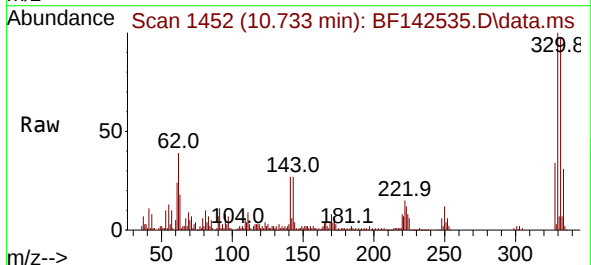
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

Tgt Ion:237 Resp: 359792
Ion Ratio Lower Upper
237 100
235 62.6 43.3 83.3
272 12.4 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 89.163 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:330 Resp: 217096
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 31.1 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 42.474 ng

RT: 9.169 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD

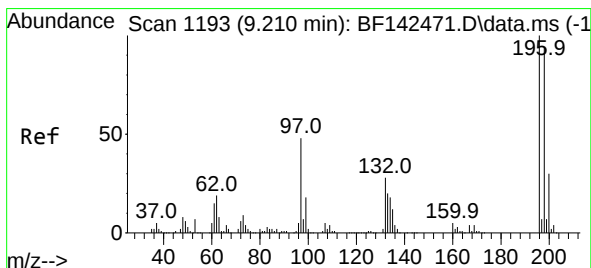
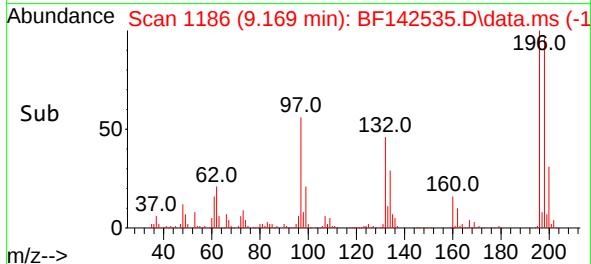
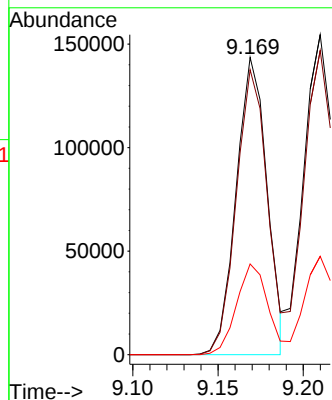
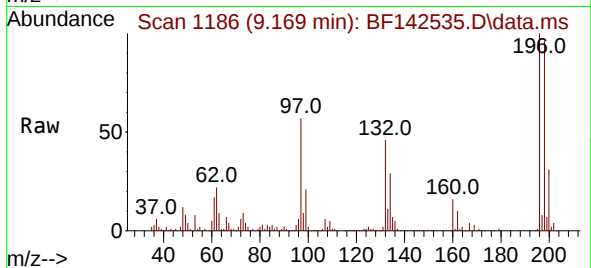
Tgt Ion:196 Resp: 180364

Ion Ratio Lower Upper

196 100

198 95.9 78.8 118.2

200 30.5 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 43.526 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

Tgt Ion:196 Resp: 194931

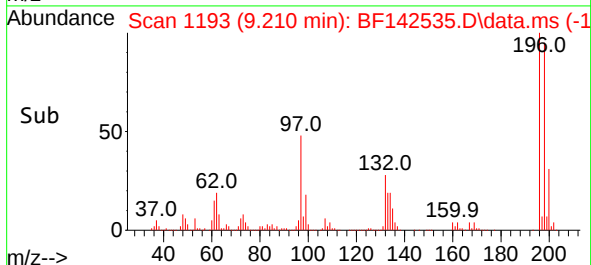
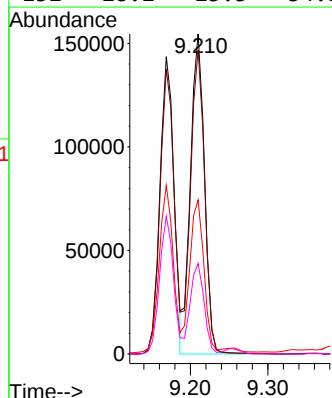
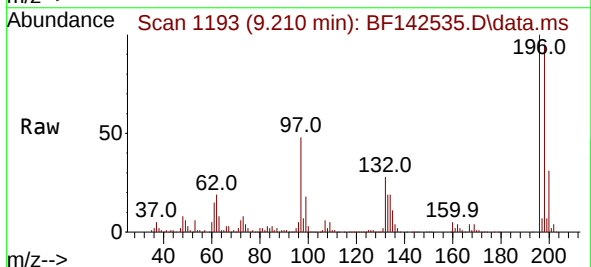
Ion Ratio Lower Upper

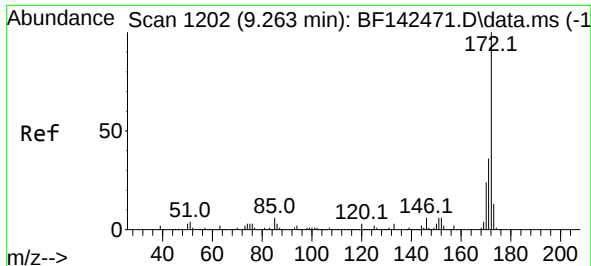
196 100

198 95.1 75.5 113.3

97 48.2 39.3 58.9

132 28.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 51.737 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD

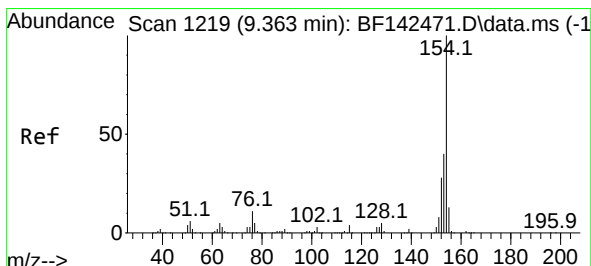
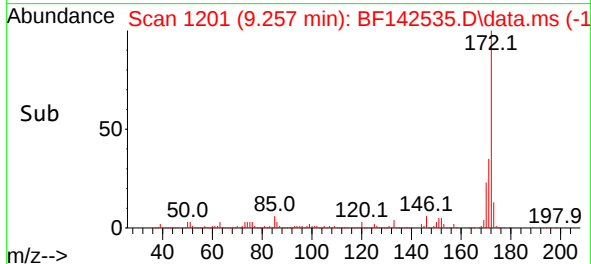
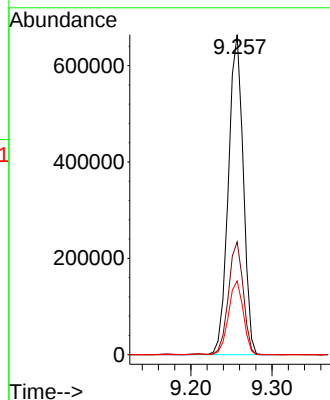
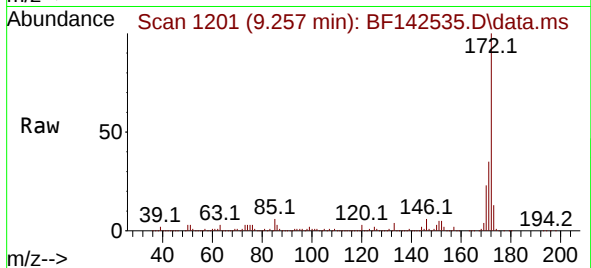
Tgt Ion:172 Resp: 845833

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.1 18.9 28.3



#46

1,1'-Biphenyl

Concen: 42.347 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

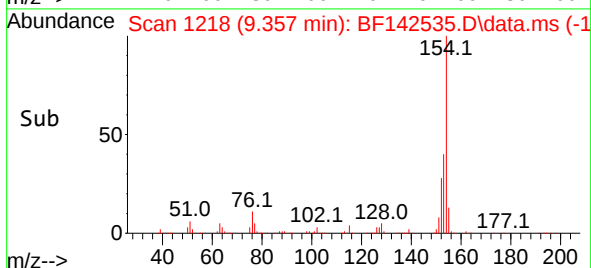
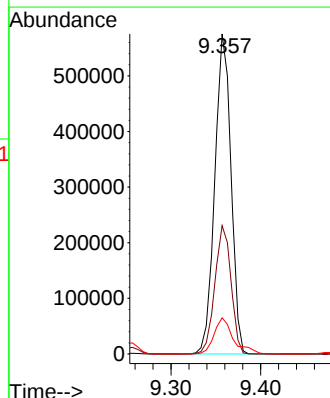
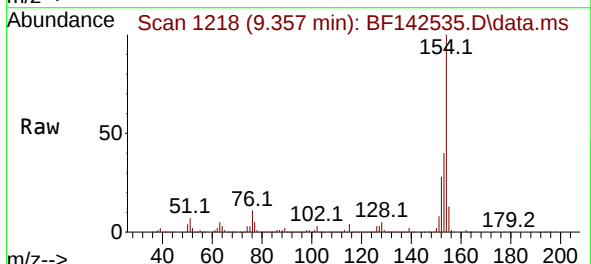
Tgt Ion:154 Resp: 720742

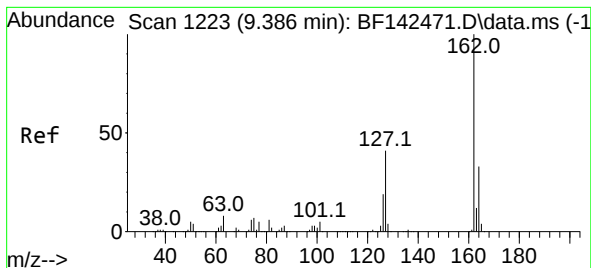
Ion Ratio Lower Upper

154 100

153 40.1 20.4 60.4

76 11.3 0.0 30.8





#47

2-Chloronaphthalene

Concen: 41.871 ng

RT: 9.386 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD

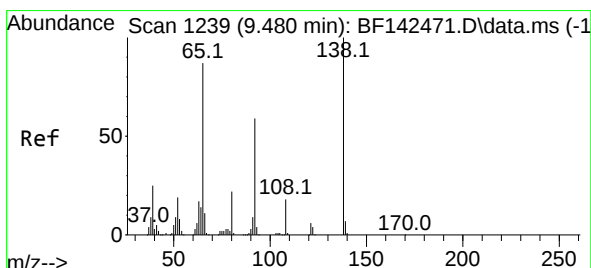
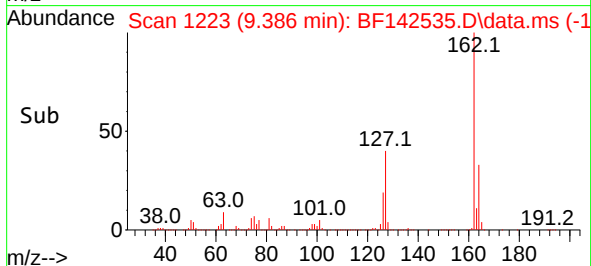
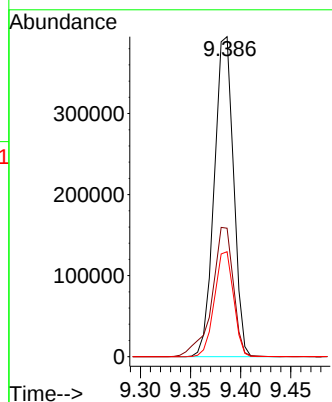
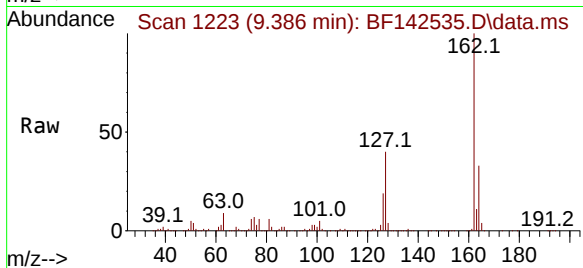
Tgt Ion:162 Resp: 526527

Ion Ratio Lower Upper

162 100

127 40.2 33.5 50.3

164 32.8 26.1 39.1



#48

2-Nitroaniline

Concen: 43.842 ng

RT: 9.475 min Scan# 1238

Delta R.T. -0.011 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

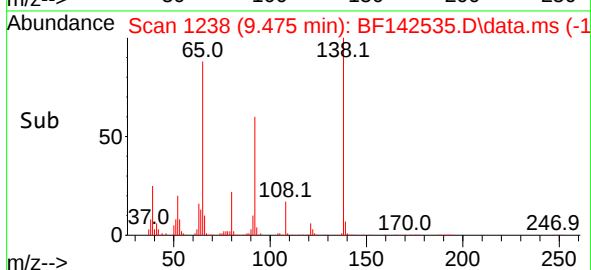
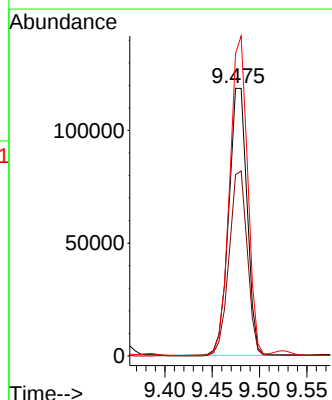
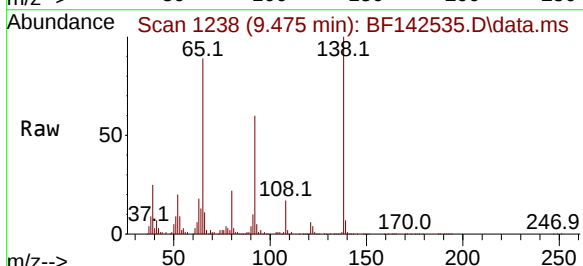
Tgt Ion: 65 Resp: 159351

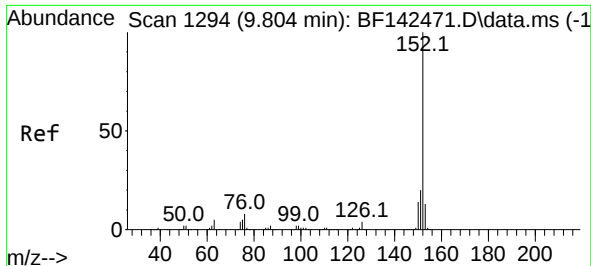
Ion Ratio Lower Upper

65 100

92 67.7 54.4 81.6

138 113.0 91.4 137.2

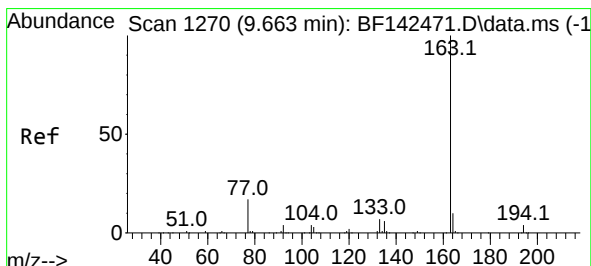
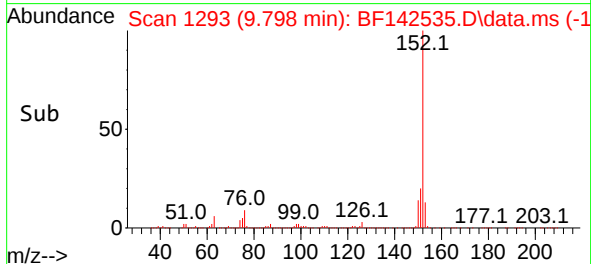
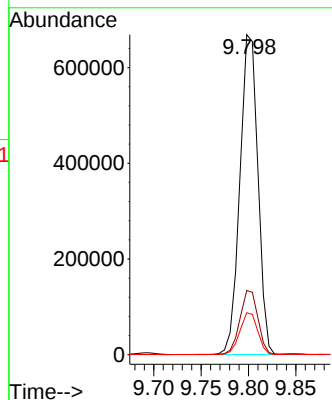
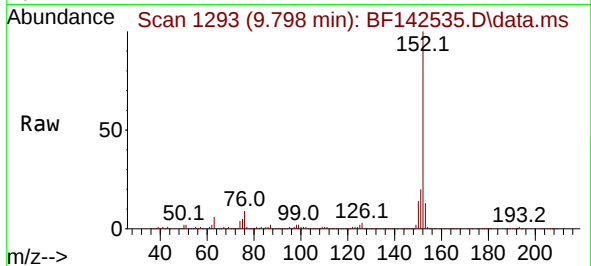




#49
Acenaphthylene
Concen: 41.663 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

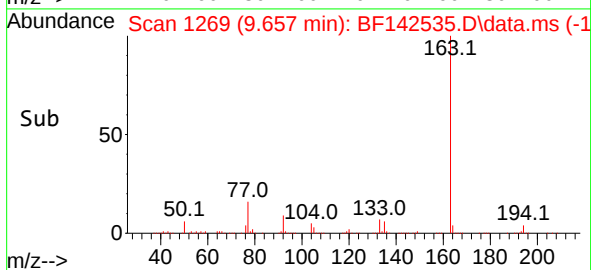
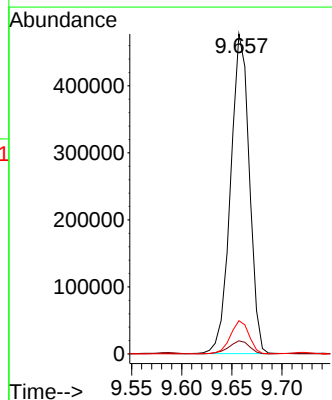
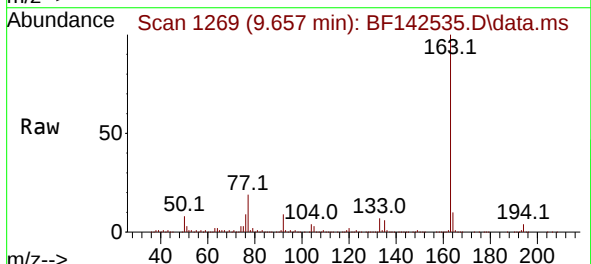
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

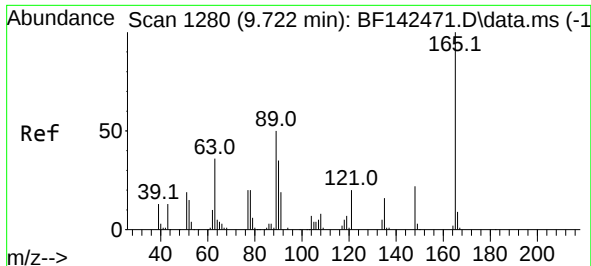
Tgt Ion:152 Resp: 884649
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 42.962 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:163 Resp: 621894
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.2 12.4

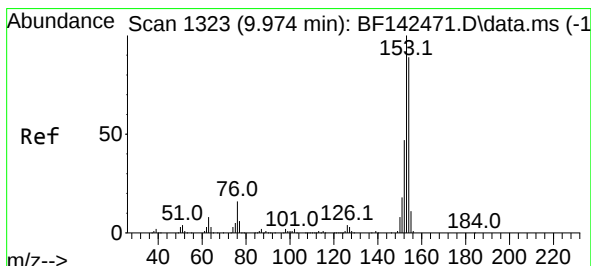
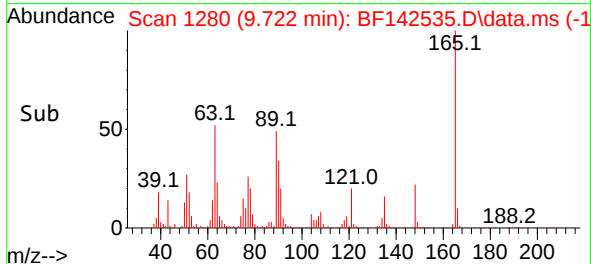
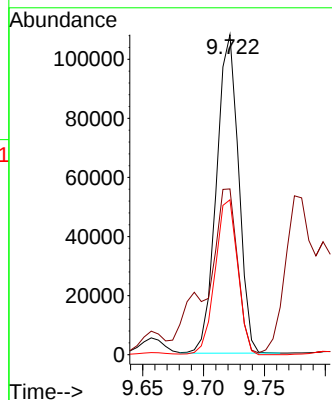
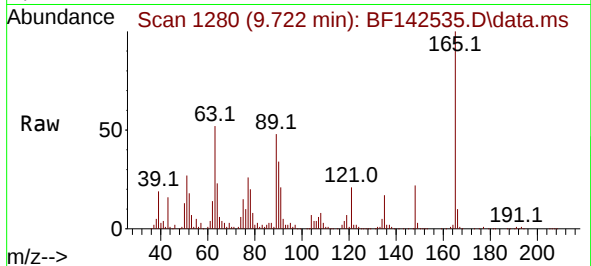




#51
2,6-Dinitrotoluene
Concen: 43.614 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

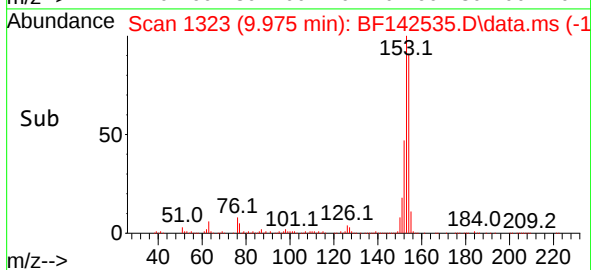
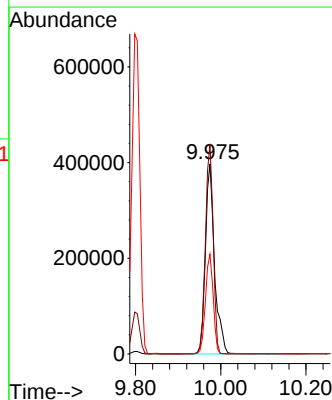
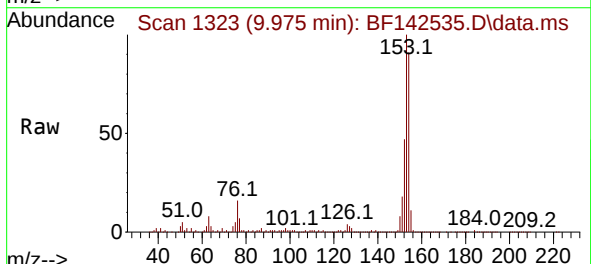
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

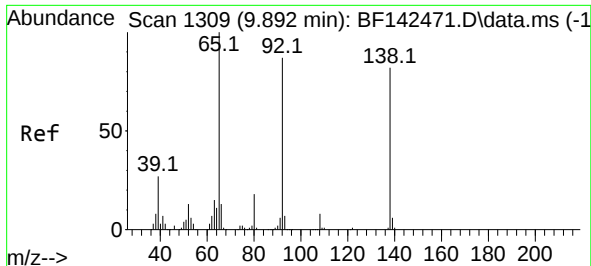
Tgt Ion:165 Resp: 136260
Ion Ratio Lower Upper
165 100
63 51.8 42.9 64.3
89 48.4 40.2 60.4



#52
Acenaphthene
Concen: 45.968 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:154 Resp: 596010
Ion Ratio Lower Upper
154 100
153 110.5 90.0 135.0
152 52.4 42.6 64.0

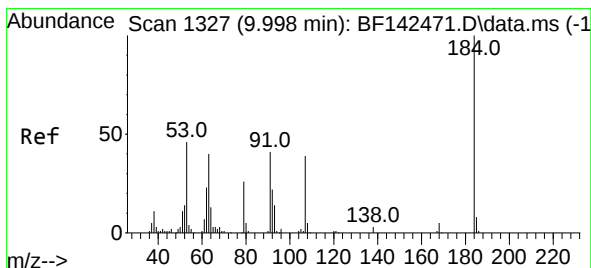
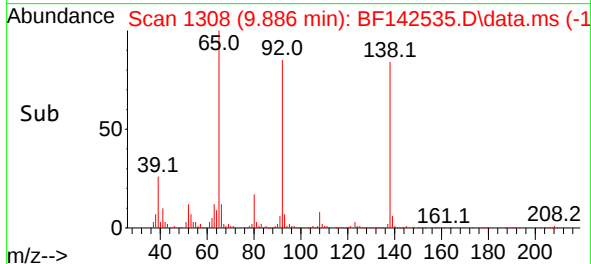
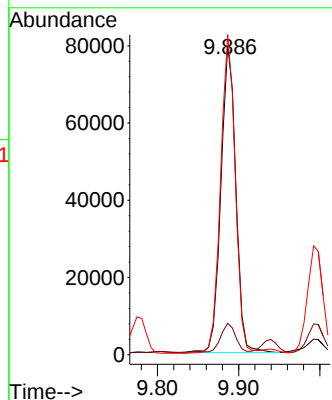
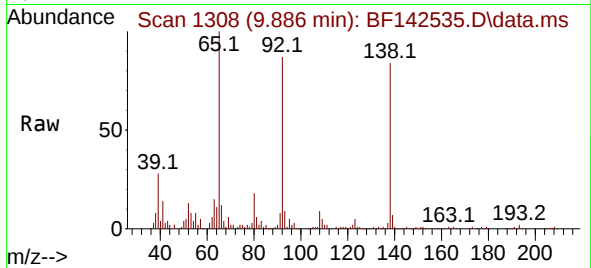




#53
3-Nitroaniline
Concen: 29.778 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

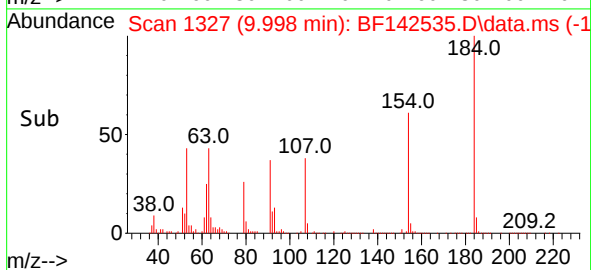
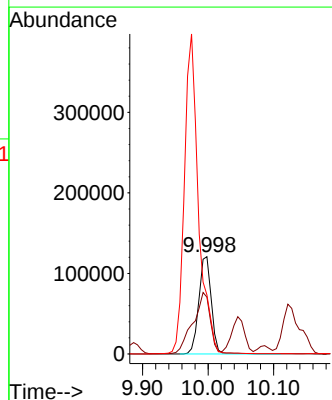
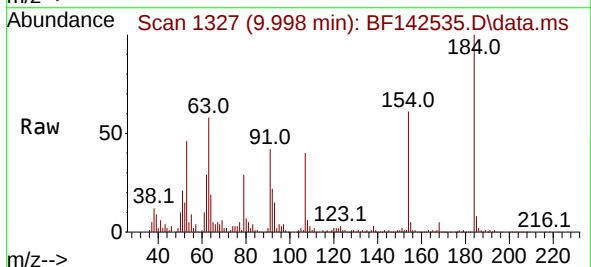
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

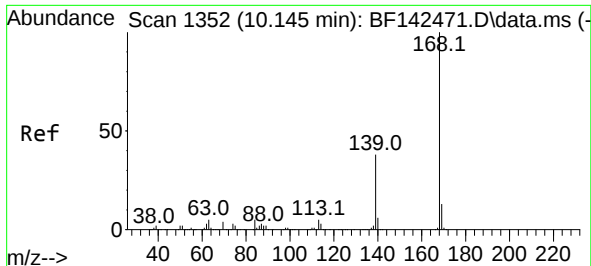
Tgt Ion:138 Resp: 101615
Ion Ratio Lower Upper
138 100
108 10.2 8.1 12.1
92 103.5 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 99.866 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:184 Resp: 161194
Ion Ratio Lower Upper
184 100
63 58.3 46.3 69.5
154 60.6 56.8 85.2

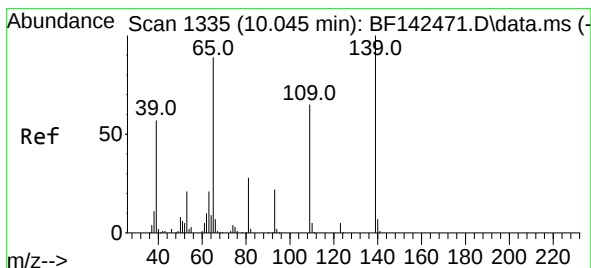
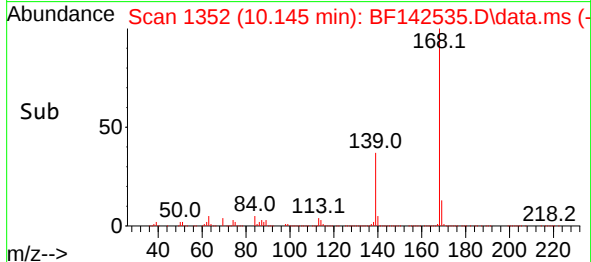
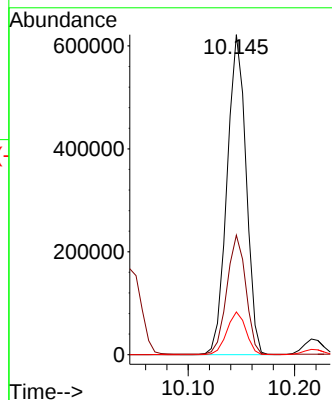
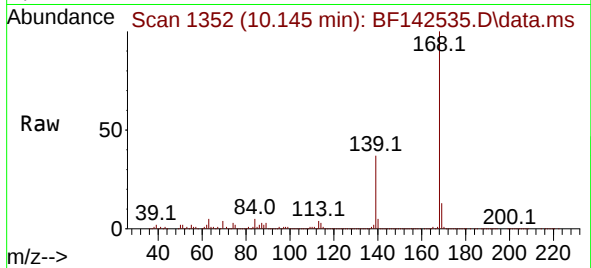




#55
Dibenzenofuran
Concen: 41.395 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

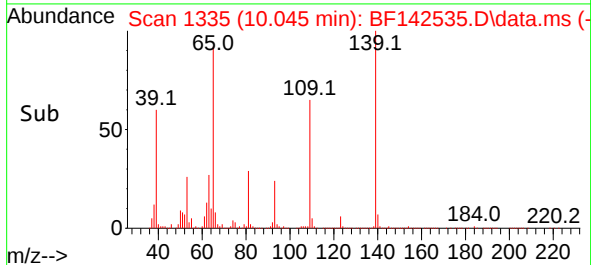
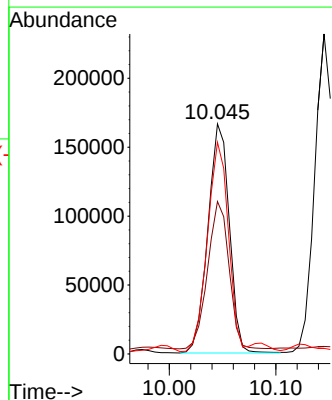
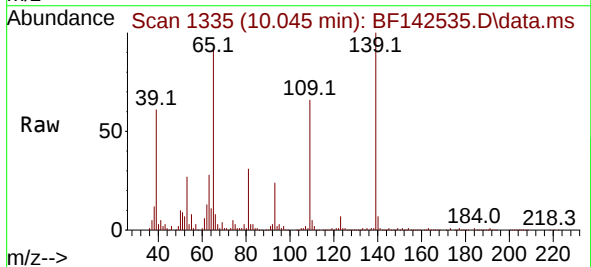
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

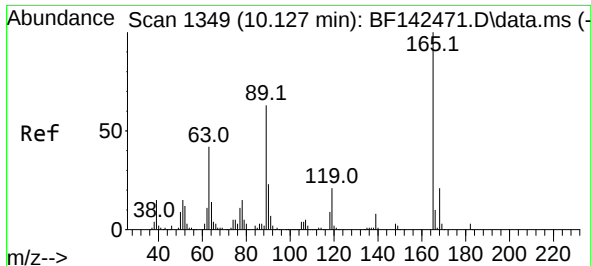
Tgt Ion:168 Resp: 772348
Ion Ratio Lower Upper
168 100
139 37.3 30.2 45.2
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 92.226 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:139 Resp: 232210
Ion Ratio Lower Upper
139 100
109 66.3 45.1 85.1
65 92.0 69.7 109.7

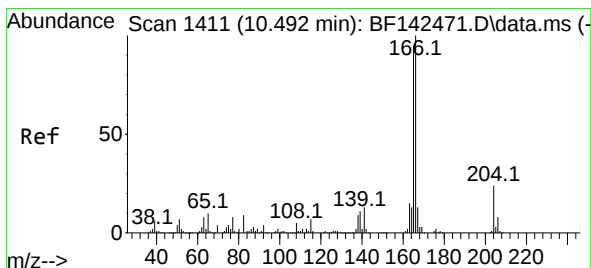
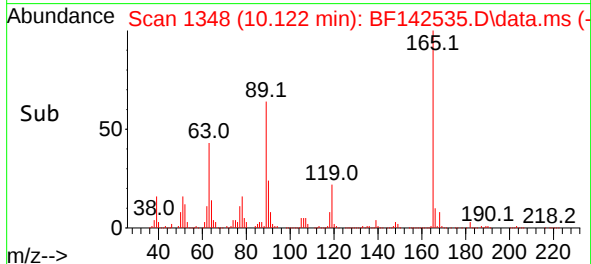
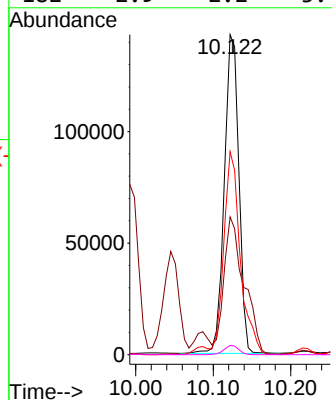
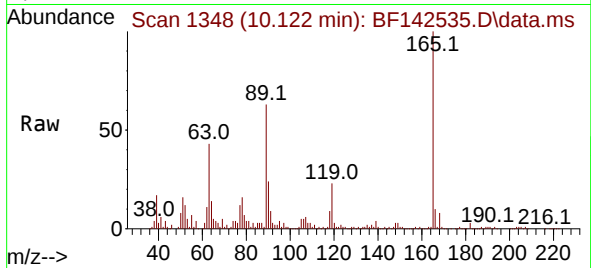




#57
2,4-Dinitrotoluene
Concen: 45.666 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

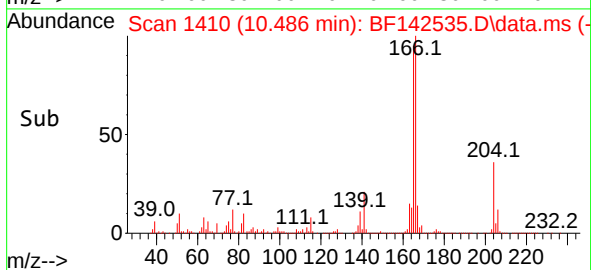
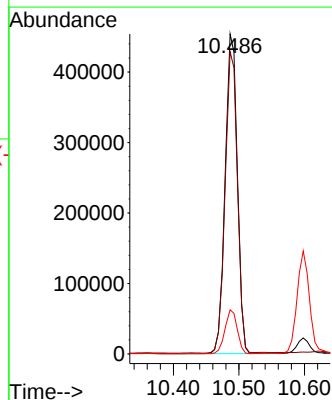
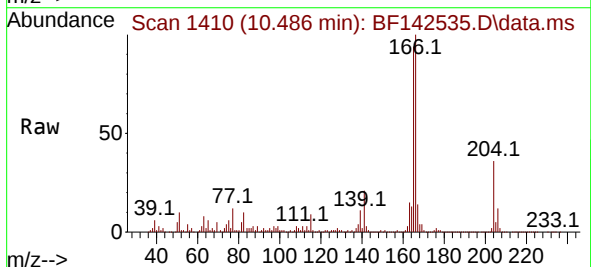
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

Tgt Ion:165 Resp: 186323
Ion Ratio Lower Upper
165 100
63 43.0 33.6 50.4
89 63.5 50.2 75.4
182 2.9 2.2 3.4



#58
Fluorene
Concen: 40.582 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:166 Resp: 584961
Ion Ratio Lower Upper
166 100
165 94.5 75.8 113.8
167 13.8 10.6 16.0

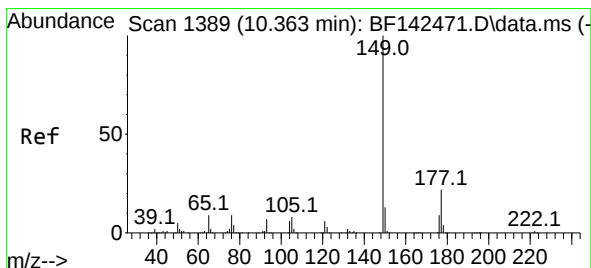
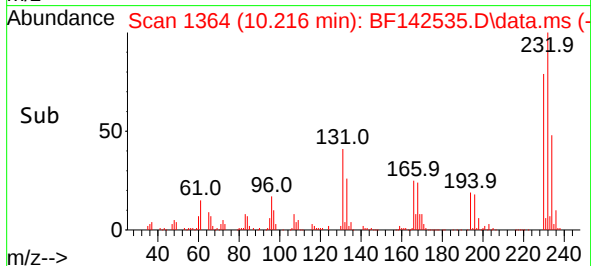
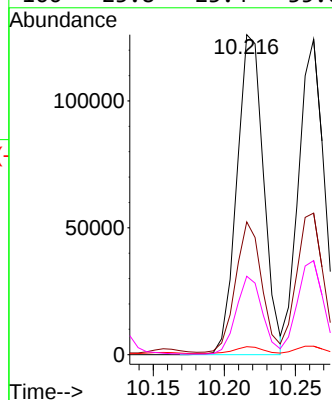
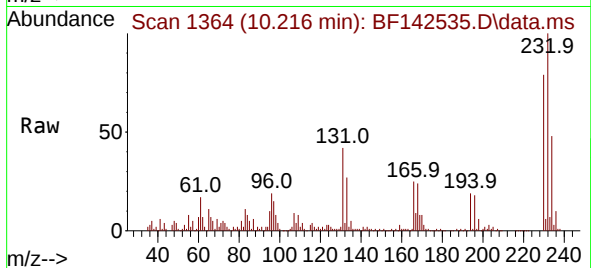




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.101 ng
RT: 10.216 min Scan# 1364
Delta R.T. -0.053 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

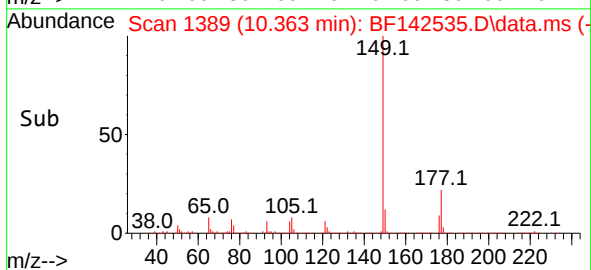
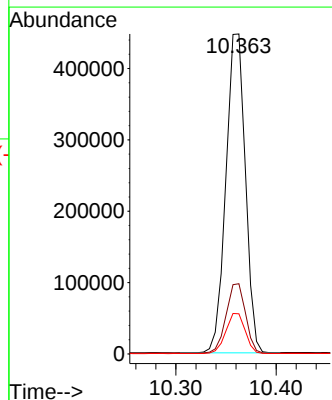
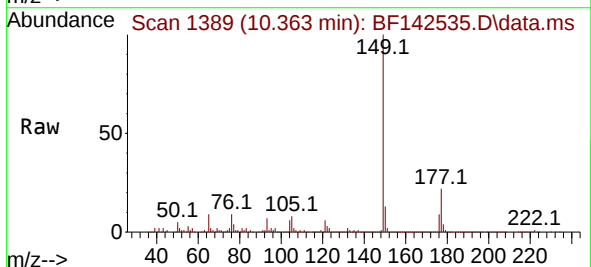
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

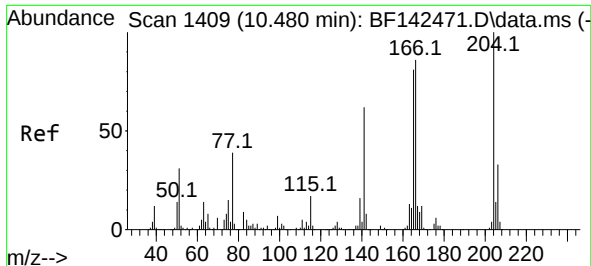
Tgt Ion:232 Resp: 164883
Ion Ratio Lower Upper
232 100
131 39.7 35.2 52.8
130 2.3 1.7 2.5
166 23.8 23.4 35.0



#60
Diethylphthalate
Concen: 42.647 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:149 Resp: 602922
Ion Ratio Lower Upper
149 100
177 22.0 17.6 26.4
150 12.5 10.1 15.1

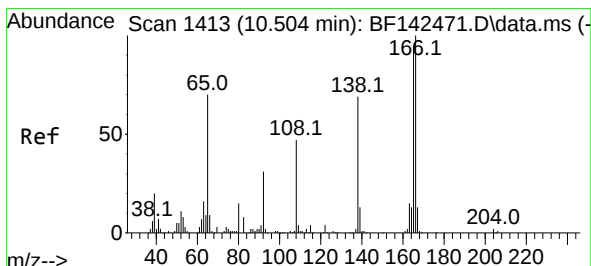
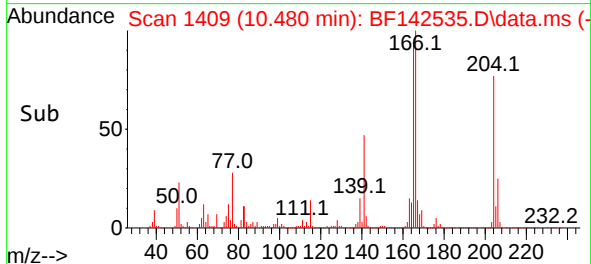
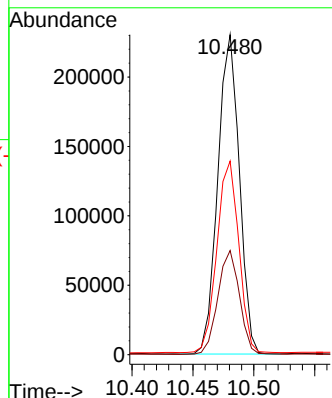
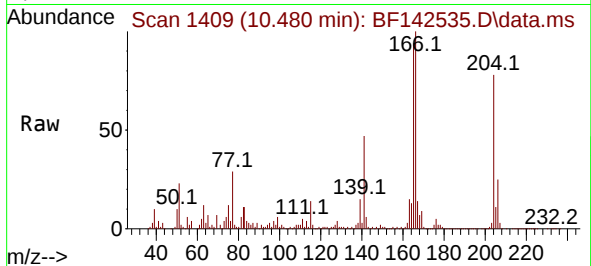




#61
4-Chlorophenyl-phenylether
Concen: 39.990 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

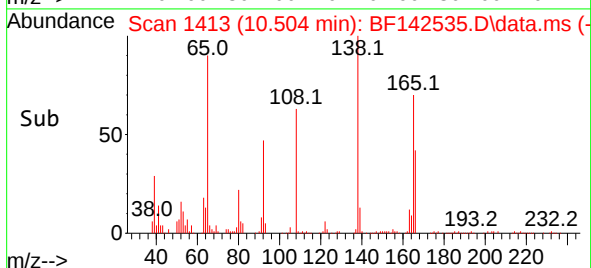
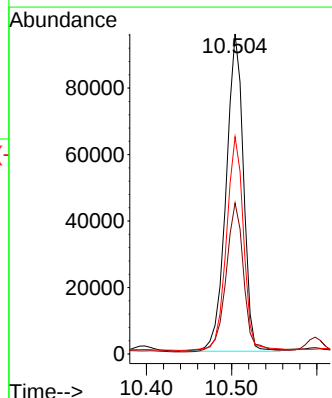
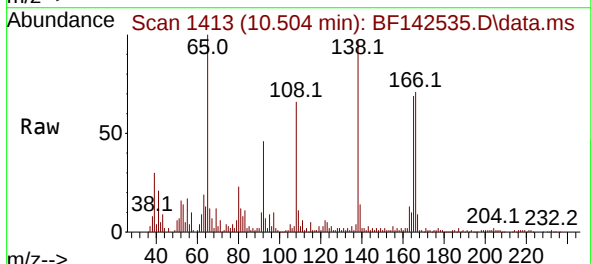
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

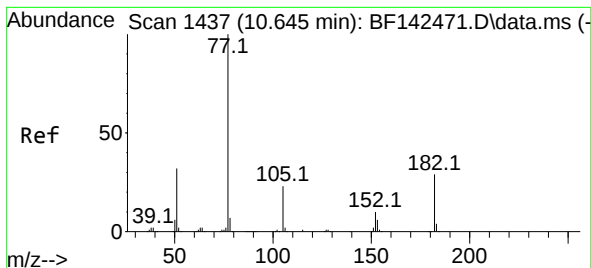
Tgt Ion:204 Resp: 283167
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 60.5 49.5 74.3



#62
4-Nitroaniline
Concen: 43.770 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:138 Resp: 135463
Ion Ratio Lower Upper
138 100
92 47.2 26.0 66.0
108 67.9 48.4 88.4





#63

Azobenzene

Concen: 47.478 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD

Tgt Ion: 77 Resp: 602872

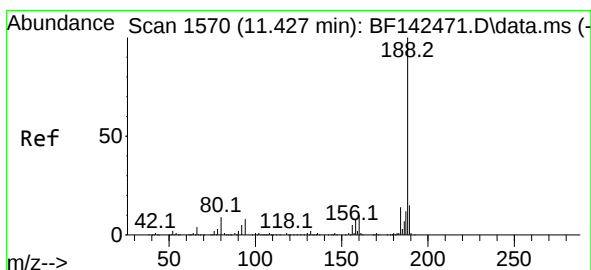
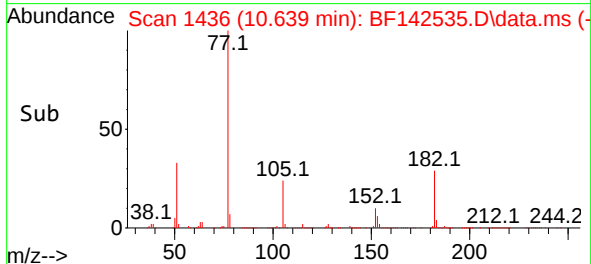
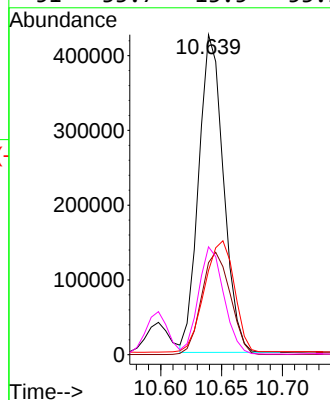
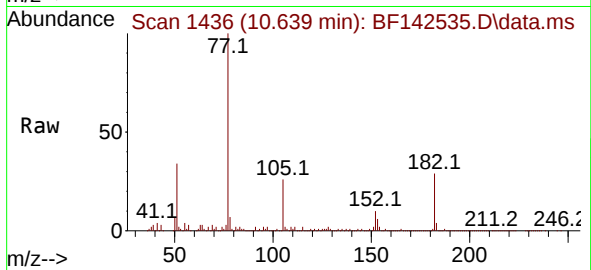
Ion Ratio Lower Upper

77 100

182 28.7 9.0 49.0

105 26.3 2.4 42.4

51 33.7 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

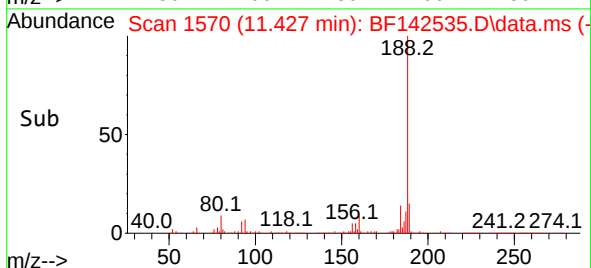
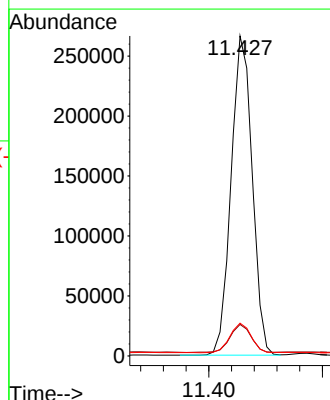
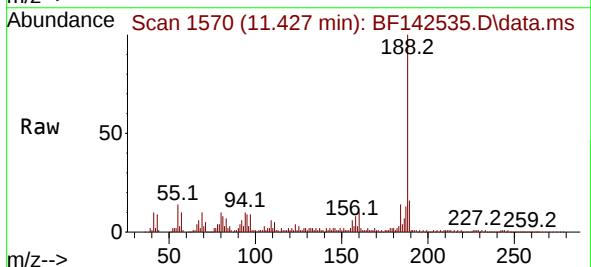
Tgt Ion: 188 Resp: 343496

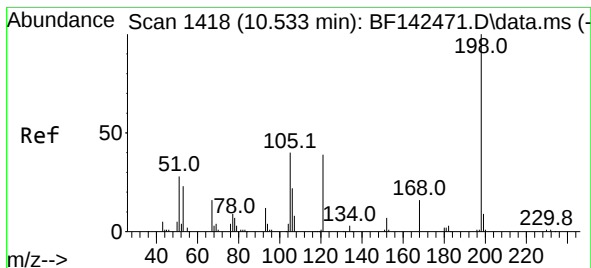
Ion Ratio Lower Upper

188 100

94 9.8 6.6 10.0

80 10.3 7.4 11.0

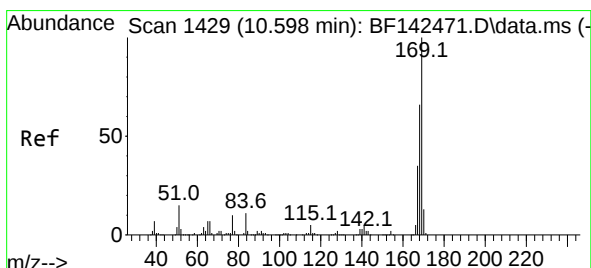
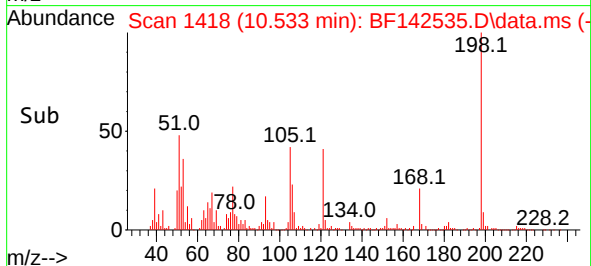
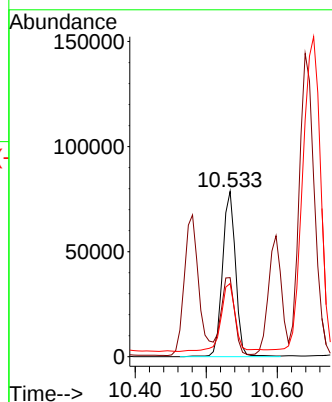
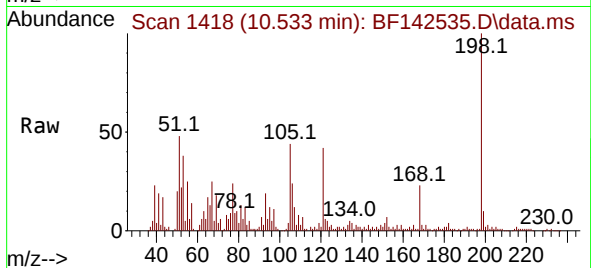




#65
4,6-Dinitro-2-methylphenol
Concen: 52.119 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

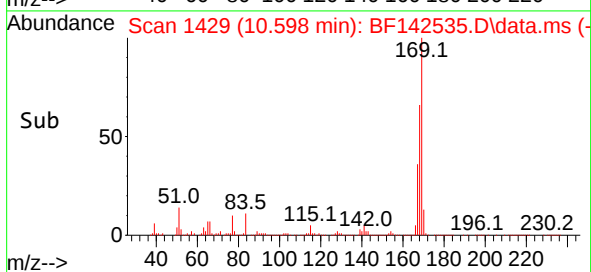
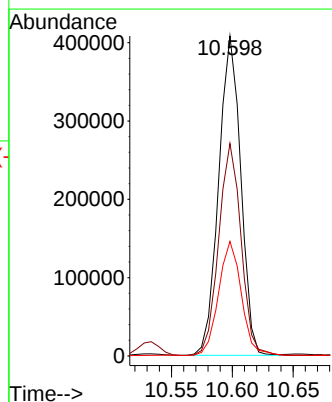
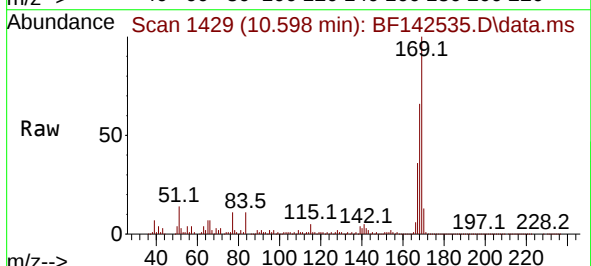
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

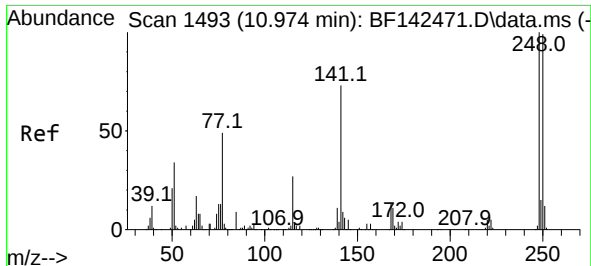
Tgt Ion:198 Resp: 99910
Ion Ratio Lower Upper
198 100
51 47.9 28.3 68.3
105 44.3 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 43.823 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:169 Resp: 514992
Ion Ratio Lower Upper
169 100
168 66.4 52.7 79.1
167 35.8 28.3 42.5

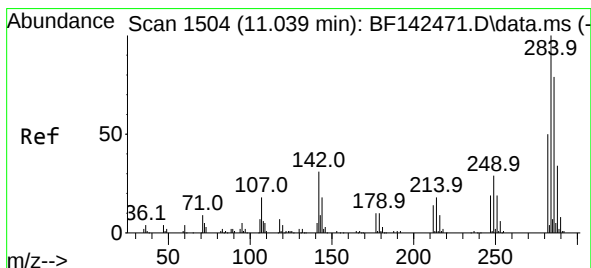
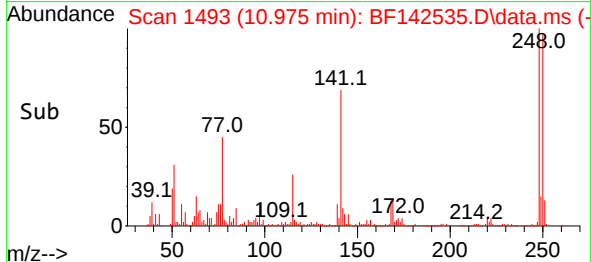
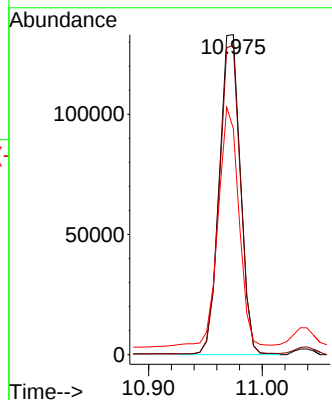
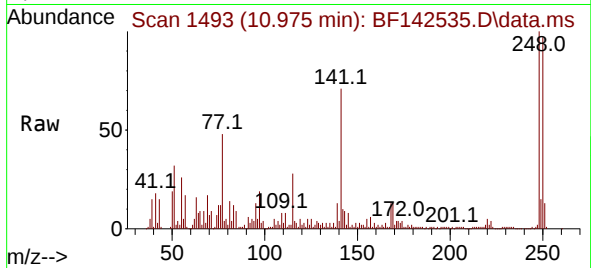




#67
4-Bromophenyl-phenylether
Concen: 42.468 ng
RT: 10.975 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

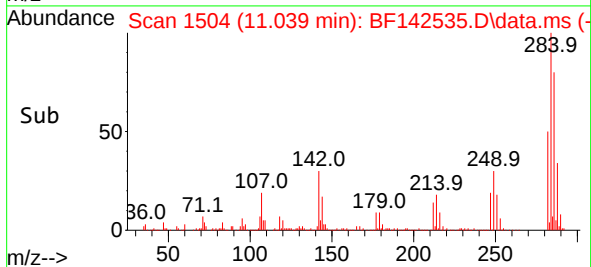
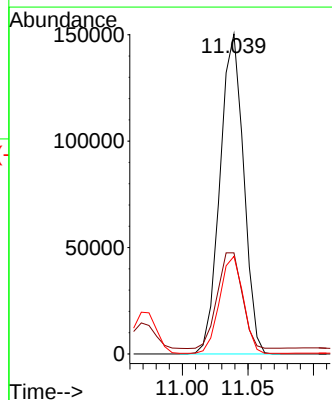
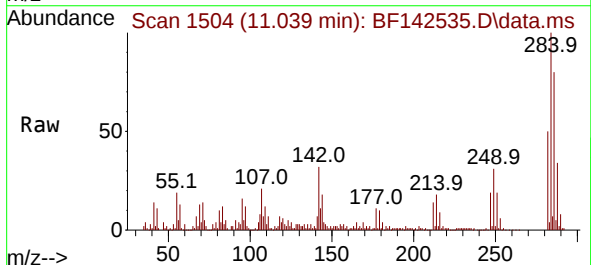
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

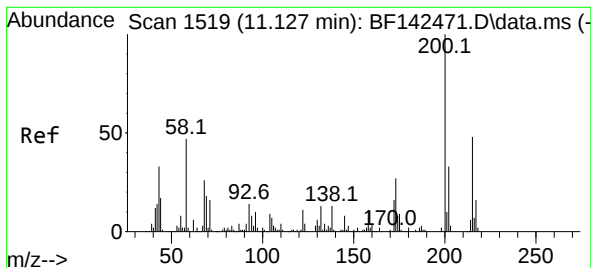
Tgt Ion:248 Resp: 172489
Ion Ratio Lower Upper
248 100
250 96.6 79.0 118.4
141 70.7 58.4 87.6



#68
Hexachlorobenzene
Concen: 41.953 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:284 Resp: 188464
Ion Ratio Lower Upper
284 100
142 31.6 24.8 37.2
249 30.5 23.6 35.4





#69

Atrazine

Concen: 49.789 ng

RT: 11.127 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD

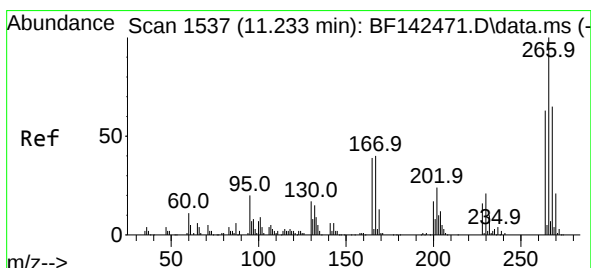
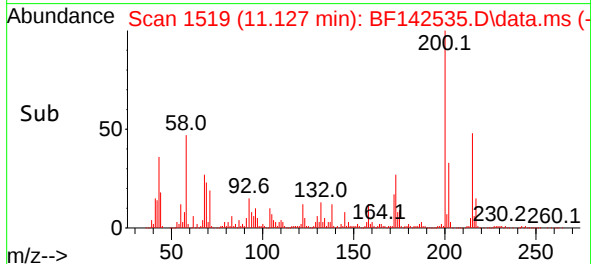
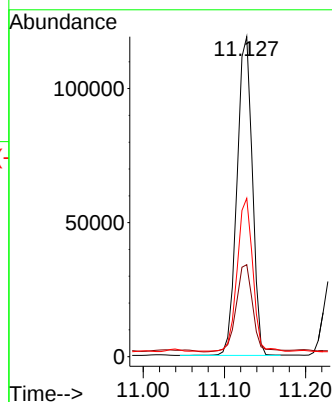
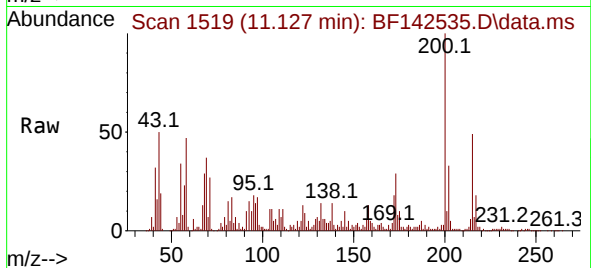
Tgt Ion:200 Resp: 155387

Ion Ratio Lower Upper

200 100

173 28.7 7.4 47.4

215 49.5 28.5 68.5



#70

Pentachlorophenol

Concen: 88.406 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

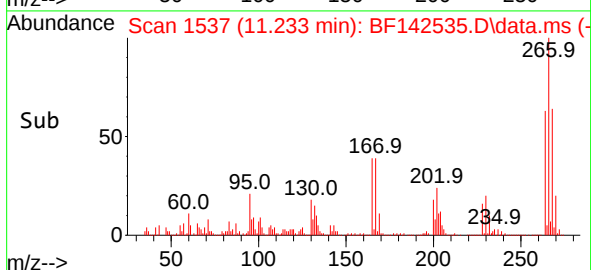
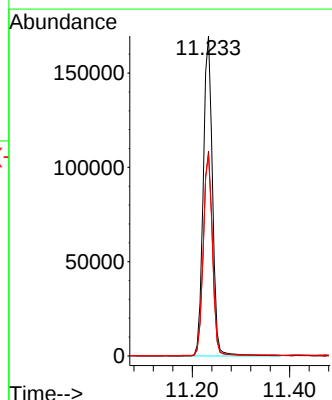
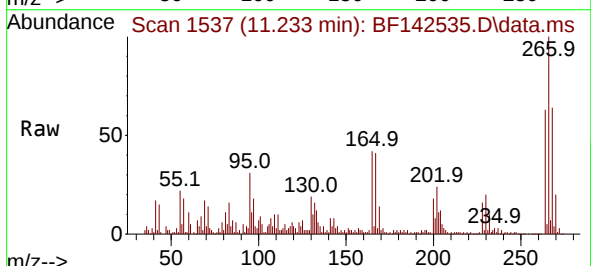
Tgt Ion:266 Resp: 224219

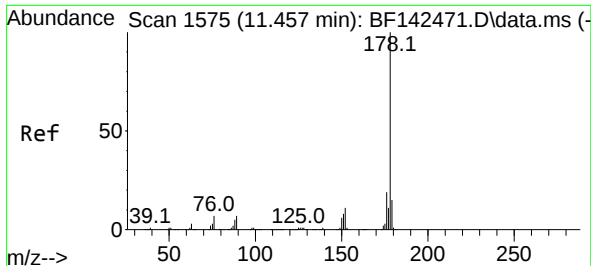
Ion Ratio Lower Upper

266 100

268 63.9 51.7 77.5

264 63.0 50.4 75.6

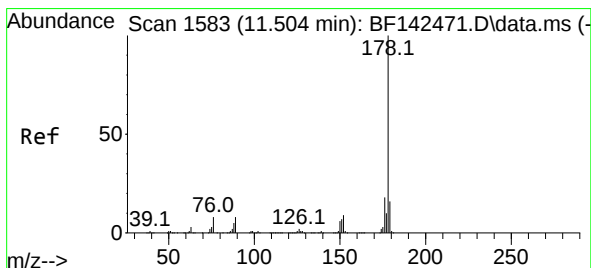
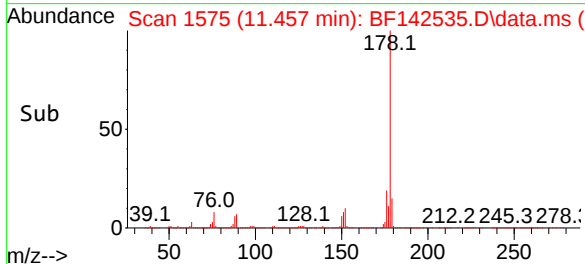
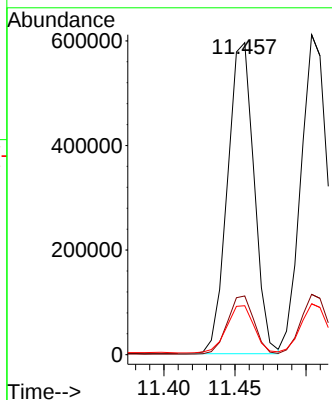
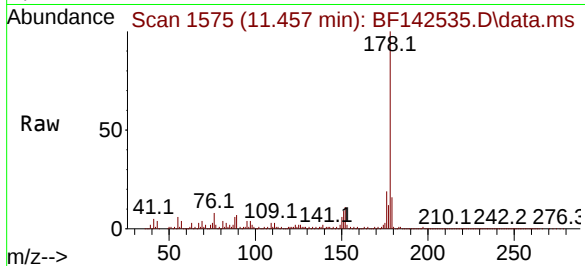




#71
Phenanthrene
Concen: 42.086 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

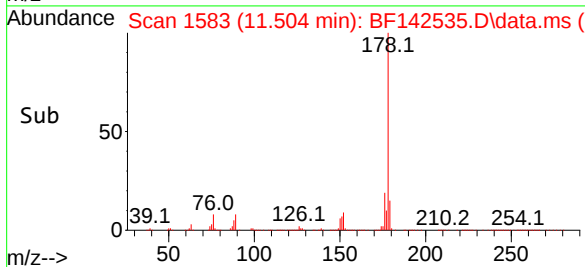
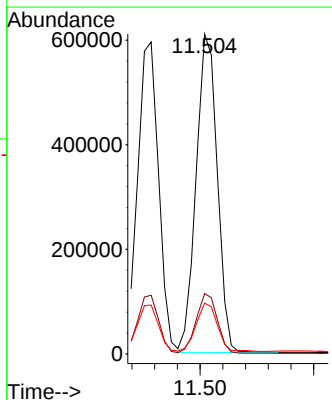
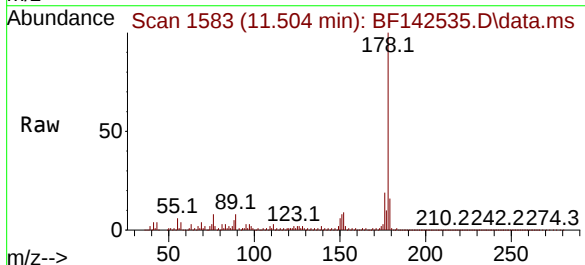
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

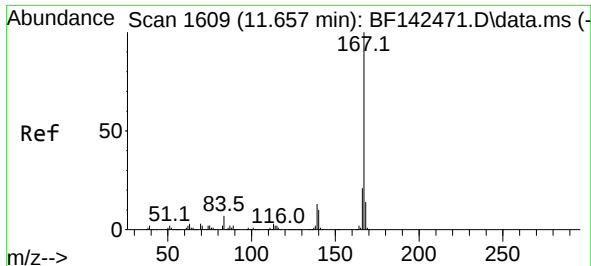
Tgt Ion:178 Resp: 772583
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.7 12.3 18.5



#72
Anthracene
Concen: 42.076 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:178 Resp: 788285
Ion Ratio Lower Upper
178 100
176 18.9 14.6 21.8
179 15.9 12.4 18.6

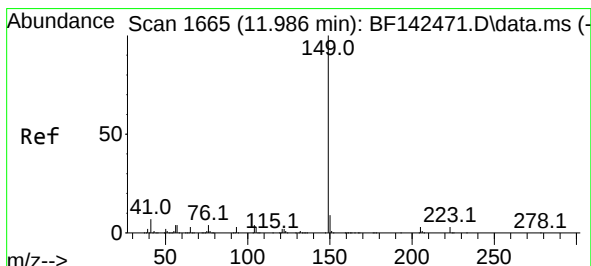
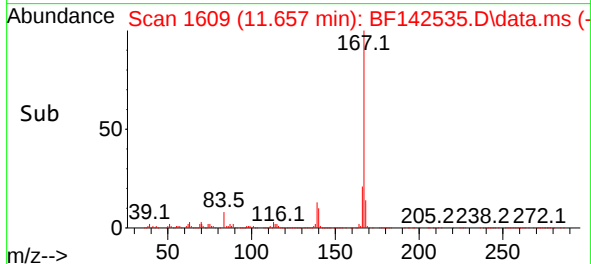
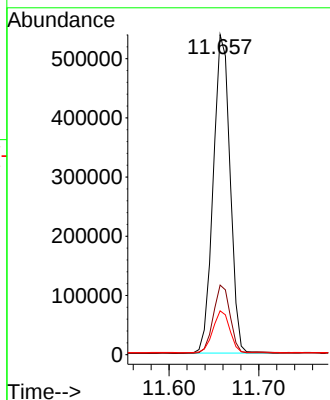
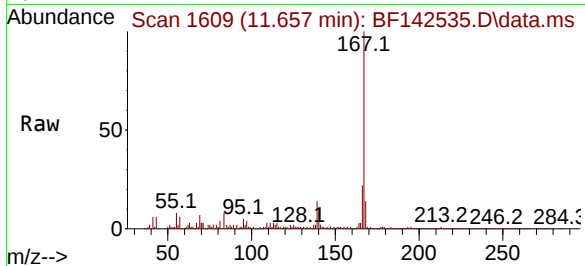




#73
 Carbazole
 Concen: 43.695 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142535.D
 Acq: 23 May 2025 15:07

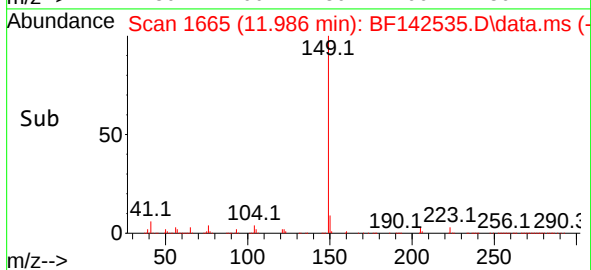
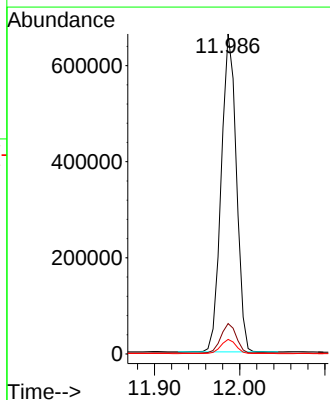
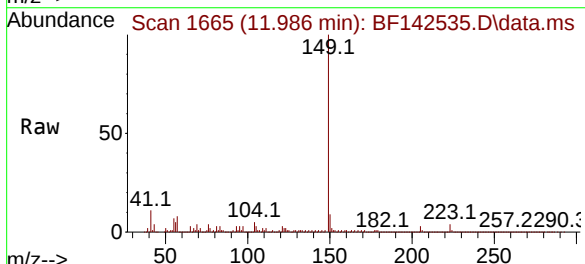
Instrument :
 BNA_F
 ClientSampleId :
 RBR200044MSD

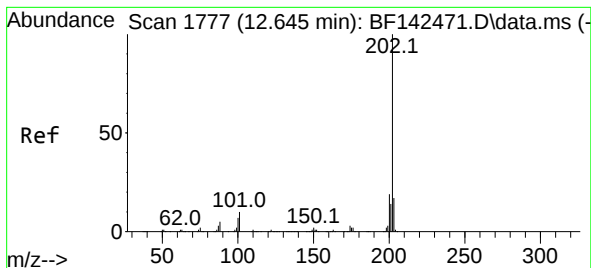
Tgt Ion:167 Resp: 699831
 Ion Ratio Lower Upper
 167 100
 166 21.7 16.9 25.3
 139 13.7 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 46.667 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142535.D
 Acq: 23 May 2025 15:07

Tgt Ion:149 Resp: 818130
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.3 10.9
 104 4.5 3.6 5.4





#75

Fluoranthene

Concen: 43.655 ng

RT: 12.645 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD

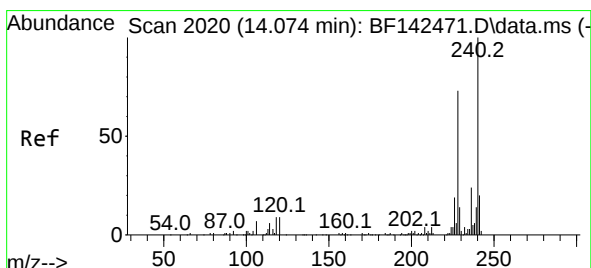
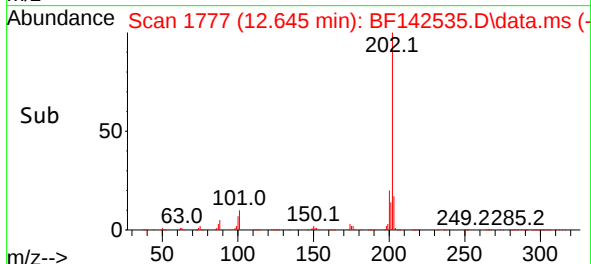
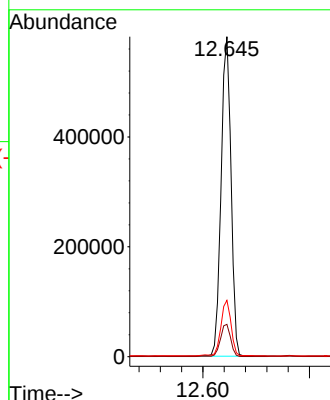
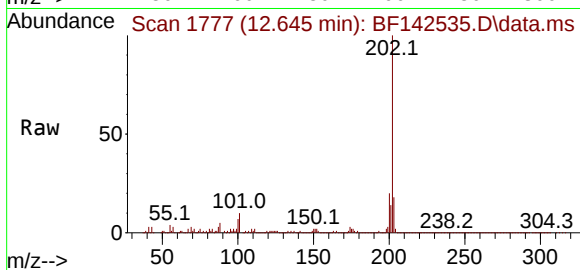
Tgt Ion:202 Resp: 748813

Ion Ratio Lower Upper

202 100

101 10.1 0.0 29.6

203 17.6 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

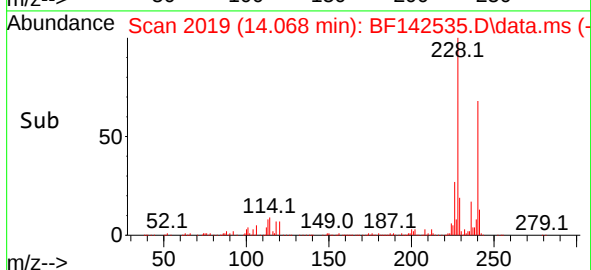
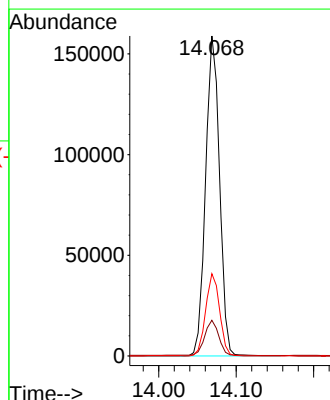
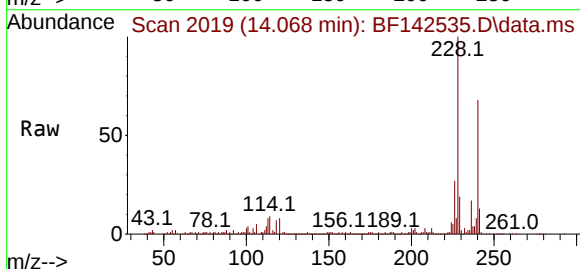
Tgt Ion:240 Resp: 198698

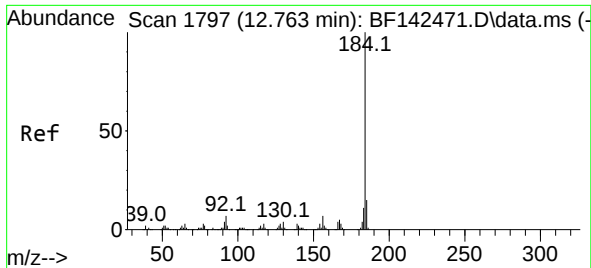
Ion Ratio Lower Upper

240 100

120 11.2 7.5 11.3

236 25.7 19.6 29.4

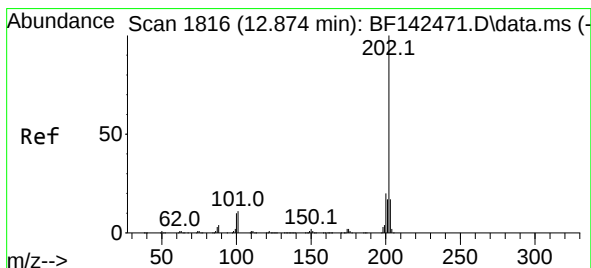
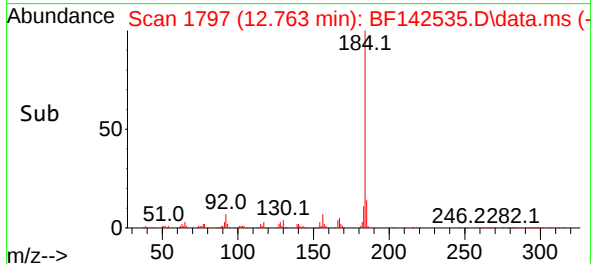
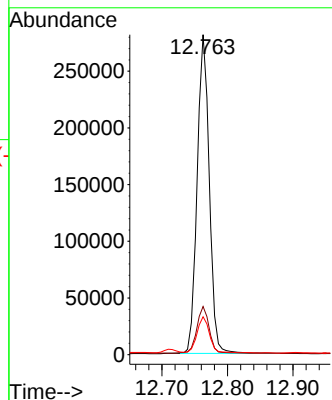
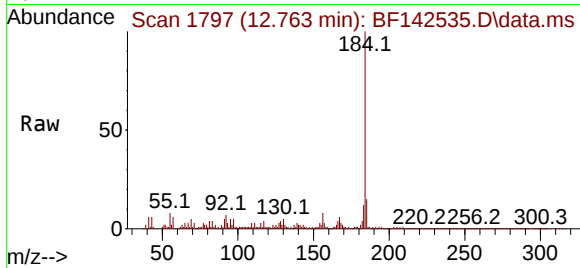




#77
Benzidine
Concen: 48.848 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

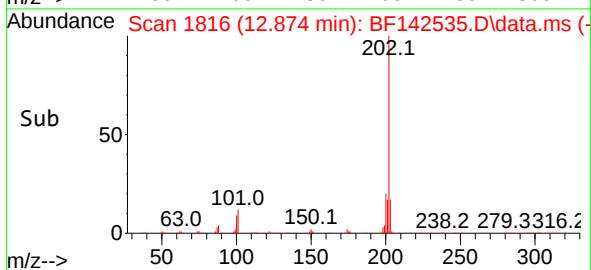
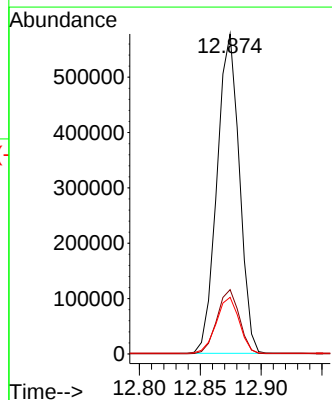
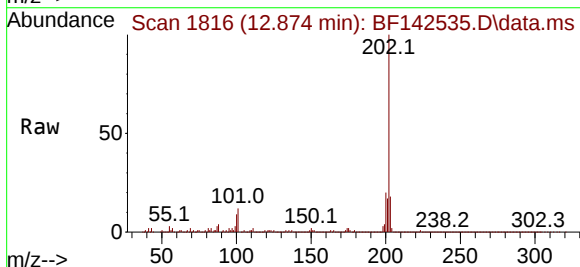
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

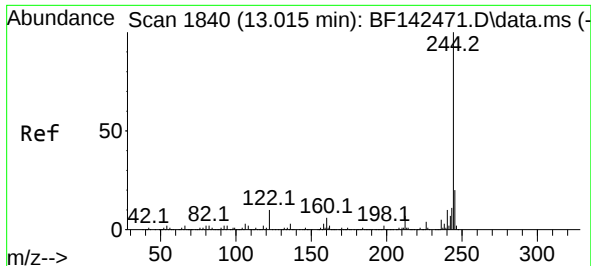
Tgt Ion:184 Resp: 361186
Ion Ratio Lower Upper
184 100
185 15.0 11.6 17.4
183 11.8 9.0 13.4



#78
Pyrene
Concen: 39.849 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:202 Resp: 738637
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.7 13.9 20.9

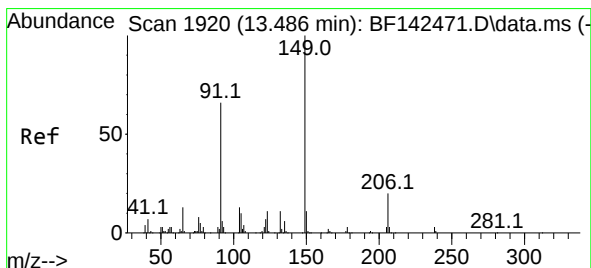
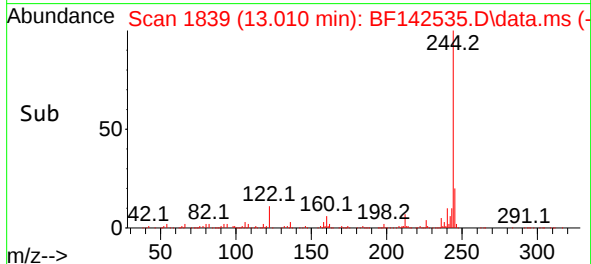
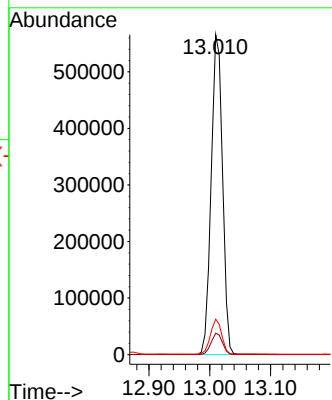
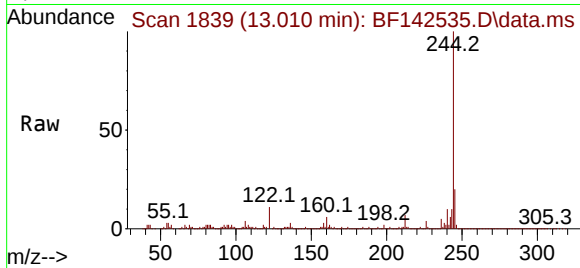




#79
 Terphenyl-d14
 Concen: 50.404 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142535.D
 Acq: 23 May 2025 15:07

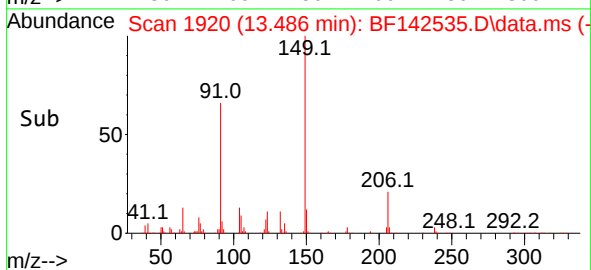
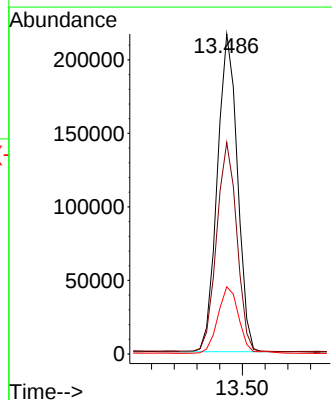
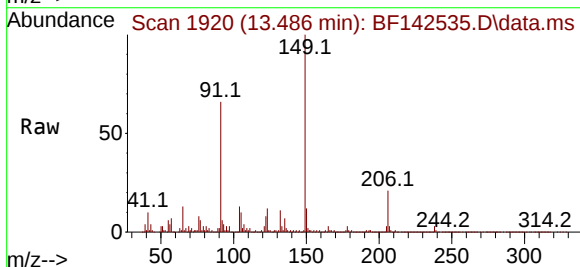
Instrument :
 BNA_F
 ClientSampleId :
 RBR200044MSD

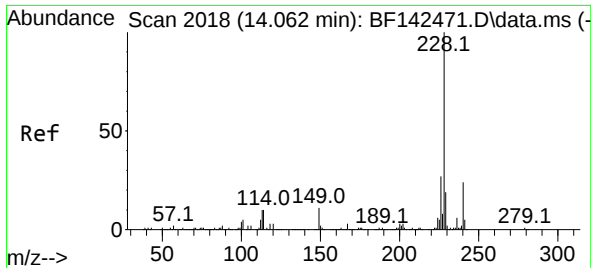
Tgt Ion:244 Resp: 732883
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 11.1 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 51.891 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142535.D
 Acq: 23 May 2025 15:07

Tgt Ion:149 Resp: 265770
 Ion Ratio Lower Upper
 149 100
 91 66.1 52.9 79.3
 206 21.0 16.2 24.2

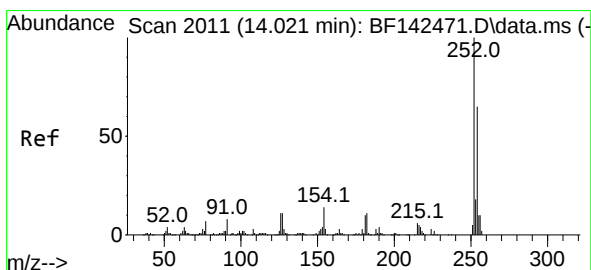
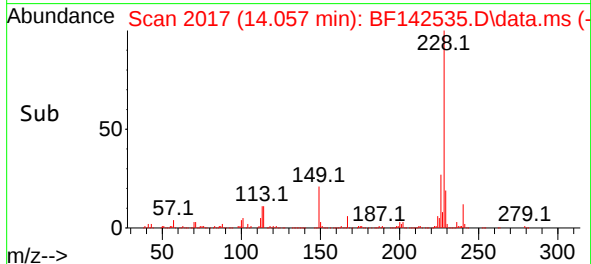
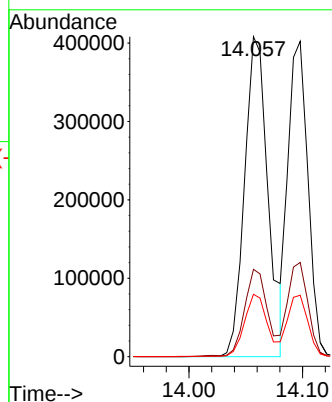
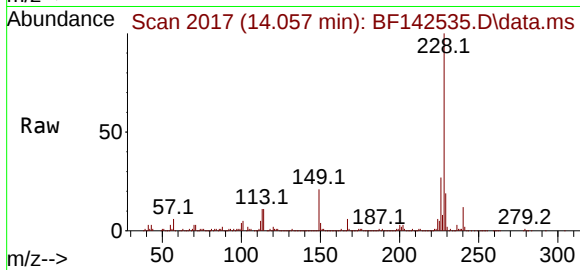




#81
Benzo(a)anthracene
Concen: 44.130 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

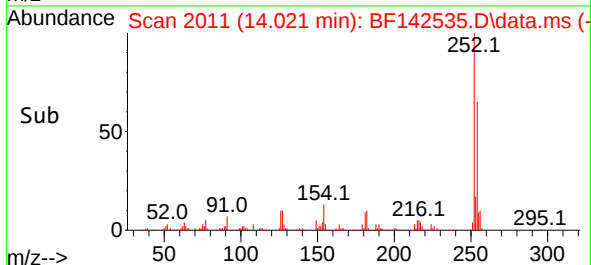
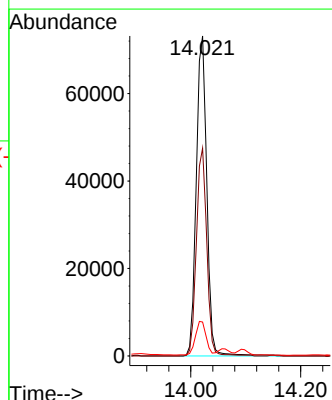
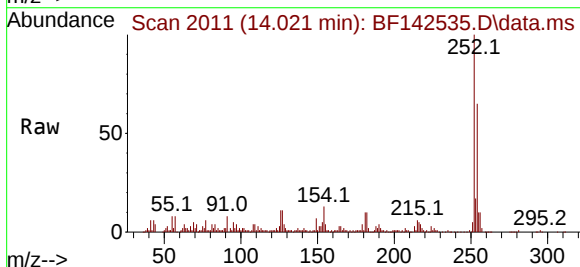
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

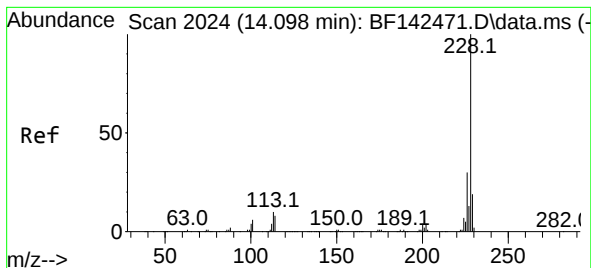
Tgt Ion:228 Resp: 585521
Ion Ratio Lower Upper
228 100
226 27.3 21.2 31.8
229 19.5 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 24.158 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:252 Resp: 97220
Ion Ratio Lower Upper
252 100
254 64.9 52.0 78.0
126 10.6 8.9 13.3





#83

Chrysene

Concen: 41.046 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD

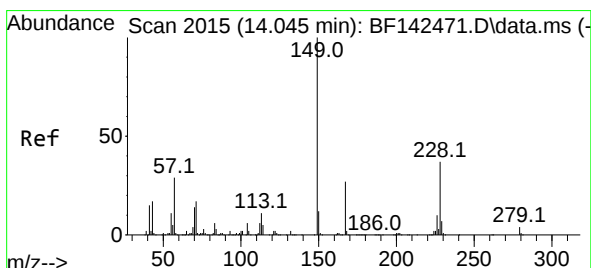
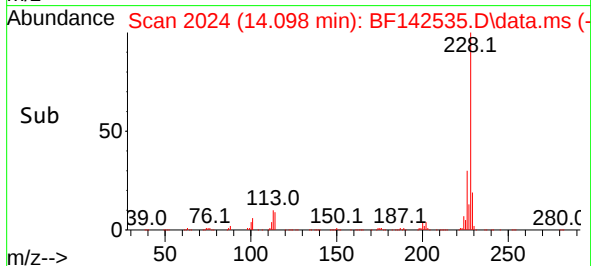
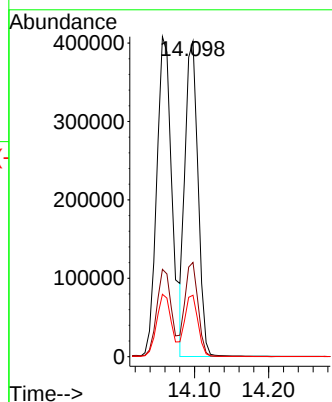
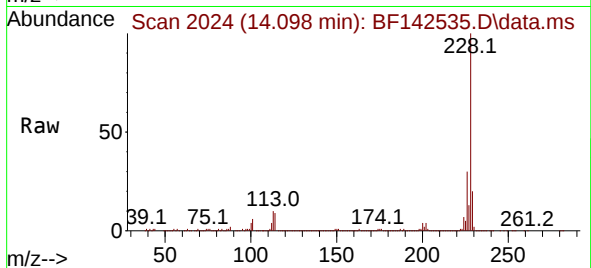
Tgt Ion:228 Resp: 489364

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

229 19.5 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.910 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

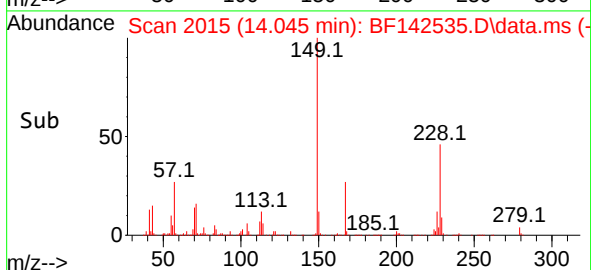
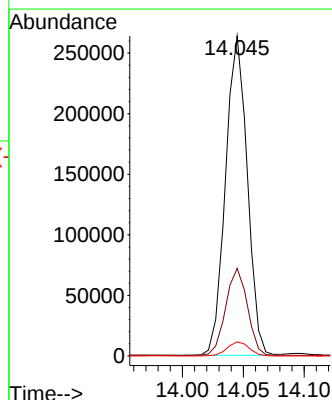
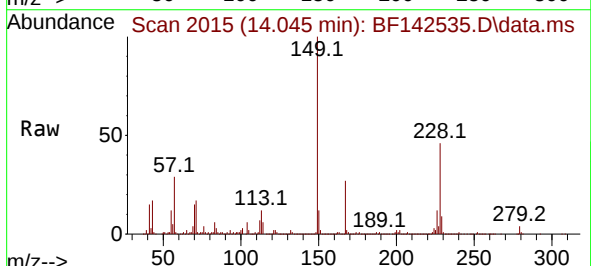
Tgt Ion:149 Resp: 327239

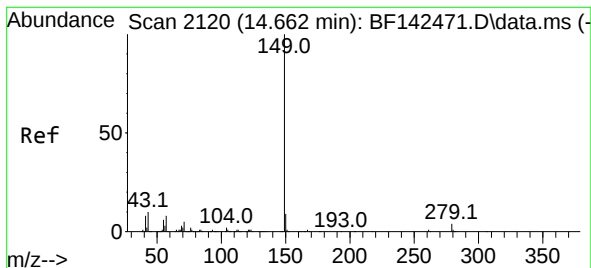
Ion Ratio Lower Upper

149 100

167 27.4 21.5 32.3

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 41.096 ng

RT: 14.657 min Scan# 2119

Delta R.T. -0.011 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

Instrument :

BNA_F

ClientSampleId :

RBR200044MSD

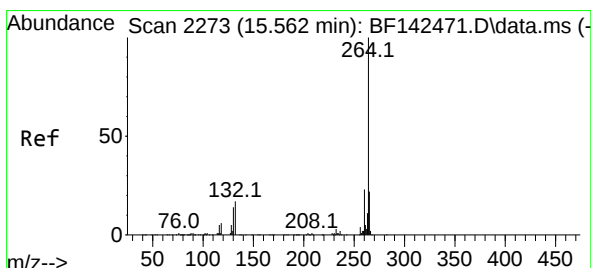
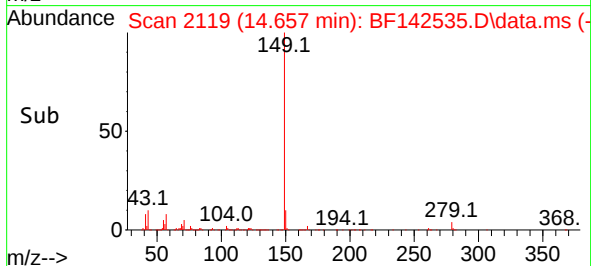
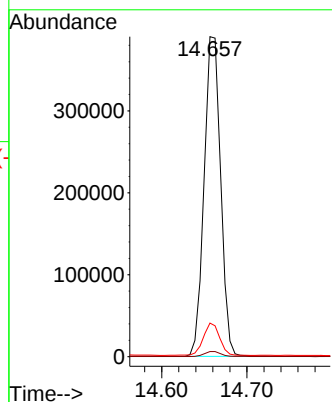
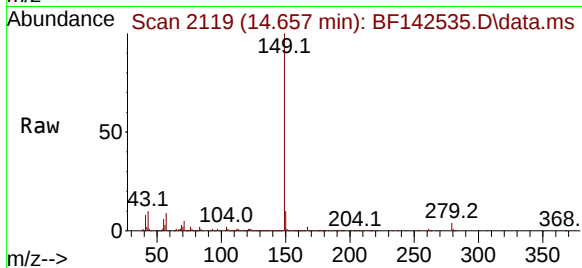
Tgt Ion:149 Resp: 526860

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.9 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142535.D

Acq: 23 May 2025 15:07

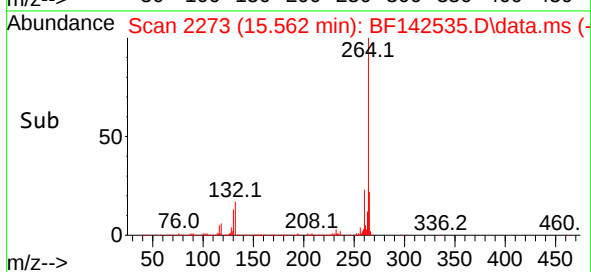
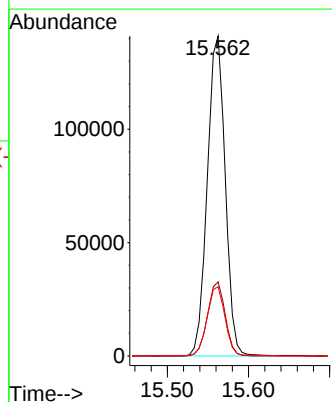
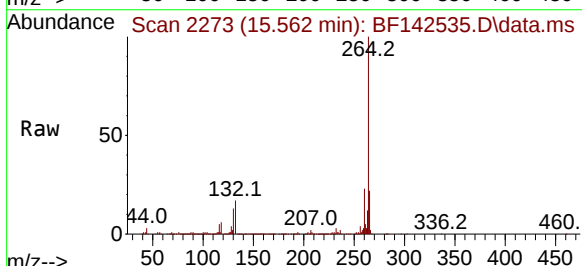
Tgt Ion:264 Resp: 216151

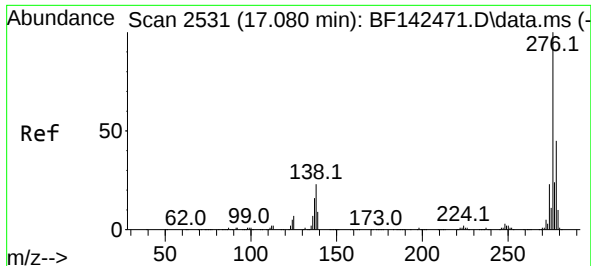
Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.6 17.7 26.5

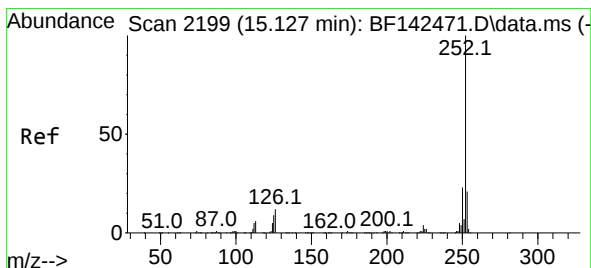
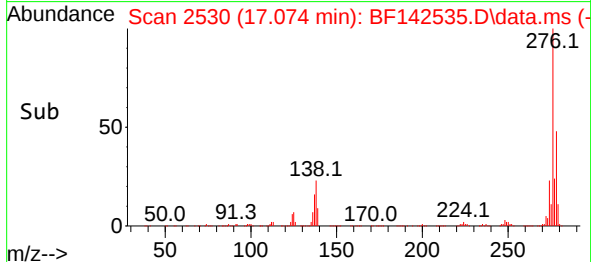
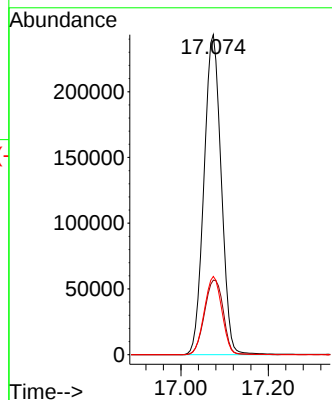
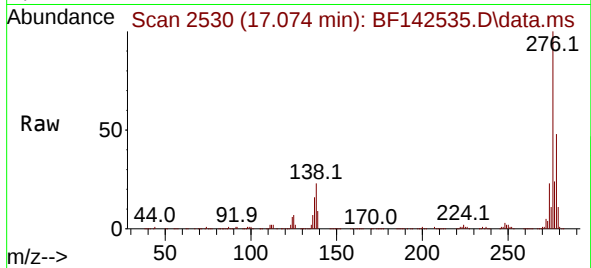




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.162 ng
RT: 17.074 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

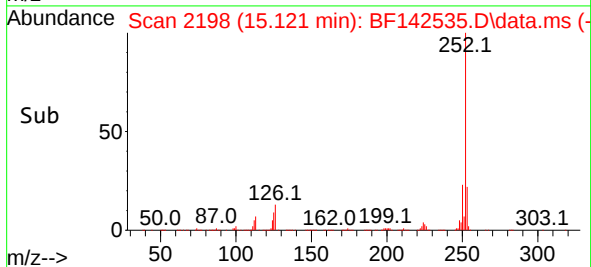
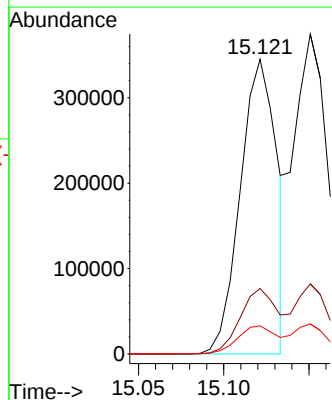
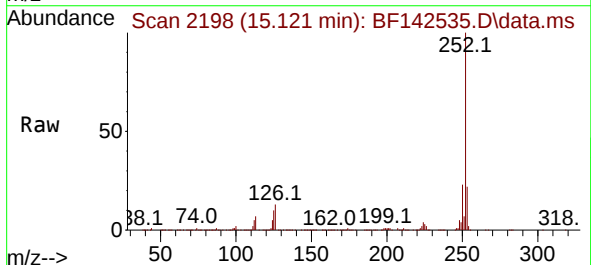
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

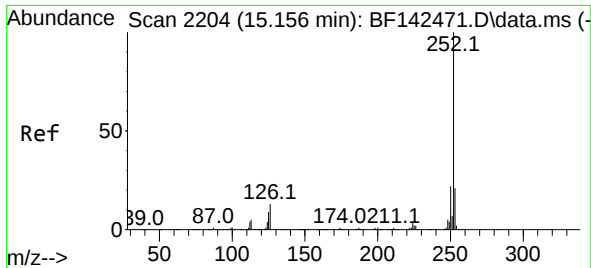
Tgt Ion:276 Resp: 667942
Ion Ratio Lower Upper
276 100
138 25.4 19.9 29.9
277 25.0 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 40.083 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:252 Resp: 512777
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 9.6 7.4 11.0

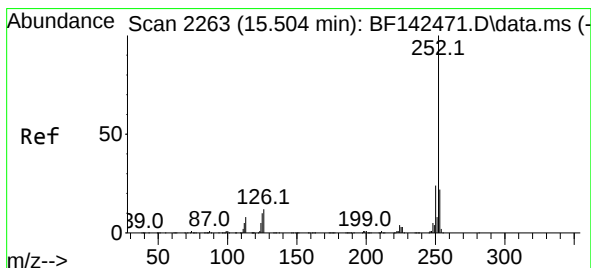
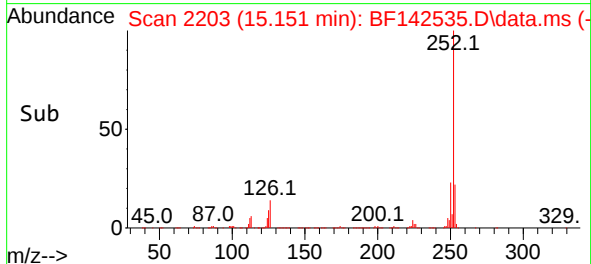
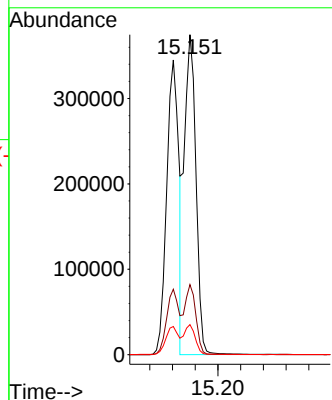
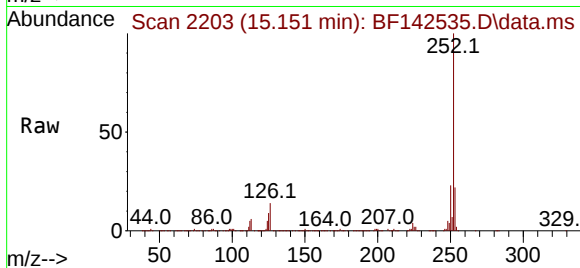




#89
Benzo(k)fluoranthene
Concen: 44.087 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

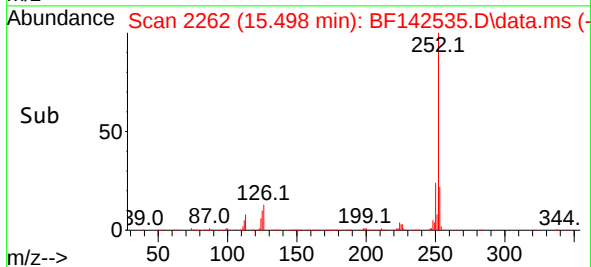
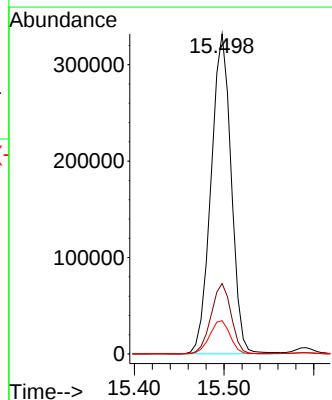
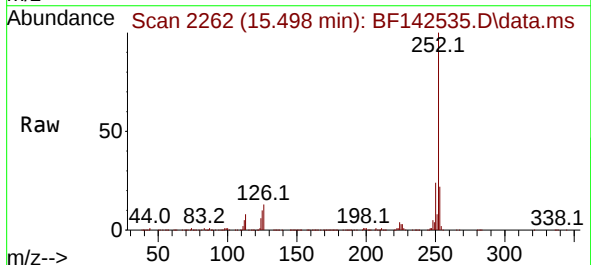
Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

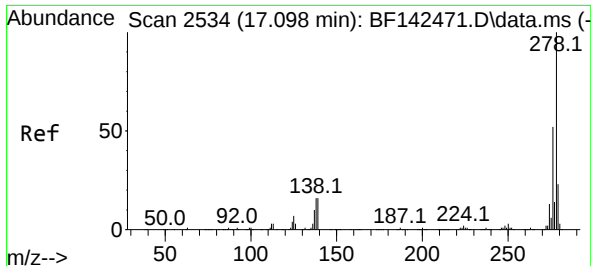
Tgt Ion:252 Resp: 528247
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 9.4 7.3 10.9



#90
Benzo(a)pyrene
Concen: 42.949 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:252 Resp: 517897
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.4 7.9 11.9

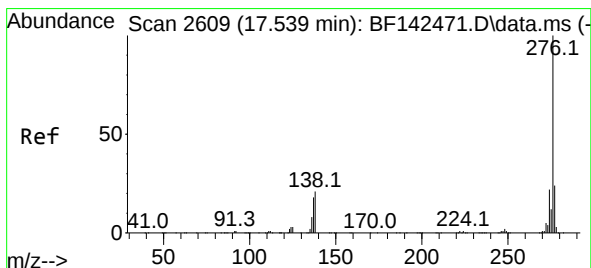
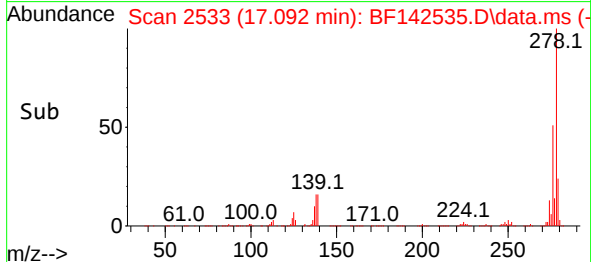
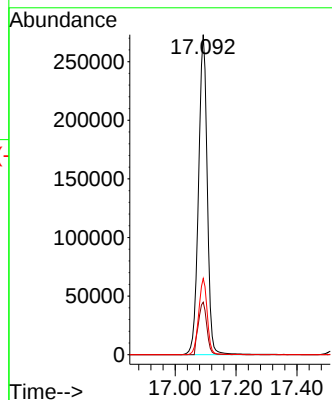
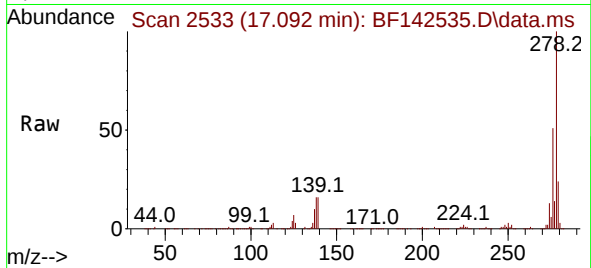




#91
Dibenzo(a,h)anthracene
Concen: 41.314 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

Tgt Ion:278 Resp: 543744
Ion Ratio Lower Upper
278 100
139 16.4 12.8 19.2
279 23.8 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 41.483 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142535.D
Acq: 23 May 2025 15:07

Tgt Ion:276 Resp: 546081
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 21.4 16.8 25.2

