

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142532.D
 Acq On : 23 May 2025 13:41
 Operator : RC/JU
 Sample : Q2100-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-45MSD

Quant Time: May 23 14:03:57 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	123385	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	475116	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	248986	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	400587	20.000	ng	0.00
76) Chrysene-d12	14.069	240	218790	20.000	ng	0.00
86) Perylene-d12	15.563	264	251763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	708116	96.689	ng	0.00
7) Phenol-d6	6.528	99	886372	100.543	ng	0.00
23) Nitrobenzene-d5	7.463	82	530308	60.863	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	284392	102.913	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1082706	58.350	ng	-0.01
79) Terphenyl-d14	13.010	244	893011	55.777	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	102756	35.063	ng	100
3) Pyridine	3.487	79	287109	38.471	ng	99
4) n-Nitrosodimethylamine	3.446	42	167586	43.249	ng	95
6) Aniline	6.563	93	419201	35.364	ng	99
8) 2-Chlorophenol	6.681	128	342990	42.997	ng	99
9) Benzaldehyde	6.445	77	205139	38.688	ng	98
10) Phenol	6.540	94	421422	42.483	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	307573	43.074	ng	99
12) 1,3-Dichlorobenzene	6.840	146	365246	41.034	ng	99
13) 1,4-Dichlorobenzene	6.916	146	371141	41.393	ng	99
14) 1,2-Dichlorobenzene	7.069	146	359213	41.869	ng	98
15) Benzyl Alcohol	7.040	79	278685	42.776	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	510625	42.582	ng	99
17) 2-Methylphenol	7.145	107	266603	42.807	ng	99
18) Hexachloroethane	7.410	117	131150	41.890	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	224239	41.042	ng	100
20) 3+4-Methylphenols	7.298	107	327995	41.125	ng	92
22) Acetophenone	7.304	105	441349	41.963	ng	95
24) Nitrobenzene	7.481	77	333991	42.501	ng	99
25) Isophorone	7.722	82	608440	41.766	ng	98
26) 2-Nitrophenol	7.798	139	187195	44.580	ng	96
27) 2,4-Dimethylphenol	7.834	122	316993	42.808	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	381200	41.889	ng	99
29) 2,4-Dichlorophenol	8.039	162	287241	42.653	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	305557	41.808	ng	99
31) Naphthalene	8.204	128	983702	42.049	ng	100
32) Benzoic acid	7.951	122	220689	48.959	ng	97
33) 4-Chloroaniline	8.251	127	161439	17.030	ng	97
34) Hexachlorobutadiene	8.322	225	188941	41.403	ng	98
35) Caprolactam	8.622	113	53808	28.449	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	293420	42.515	ng	100
37) 2-Methylnaphthalene	8.892	142	597956	40.628	ng	99
38) 1-Methylnaphthalene	8.992	142	629327	41.338	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	306573	42.893	ng	99
41) Hexachlorocyclopentadiene	9.051	237	411222	85.289	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	212894	44.173	ng	99

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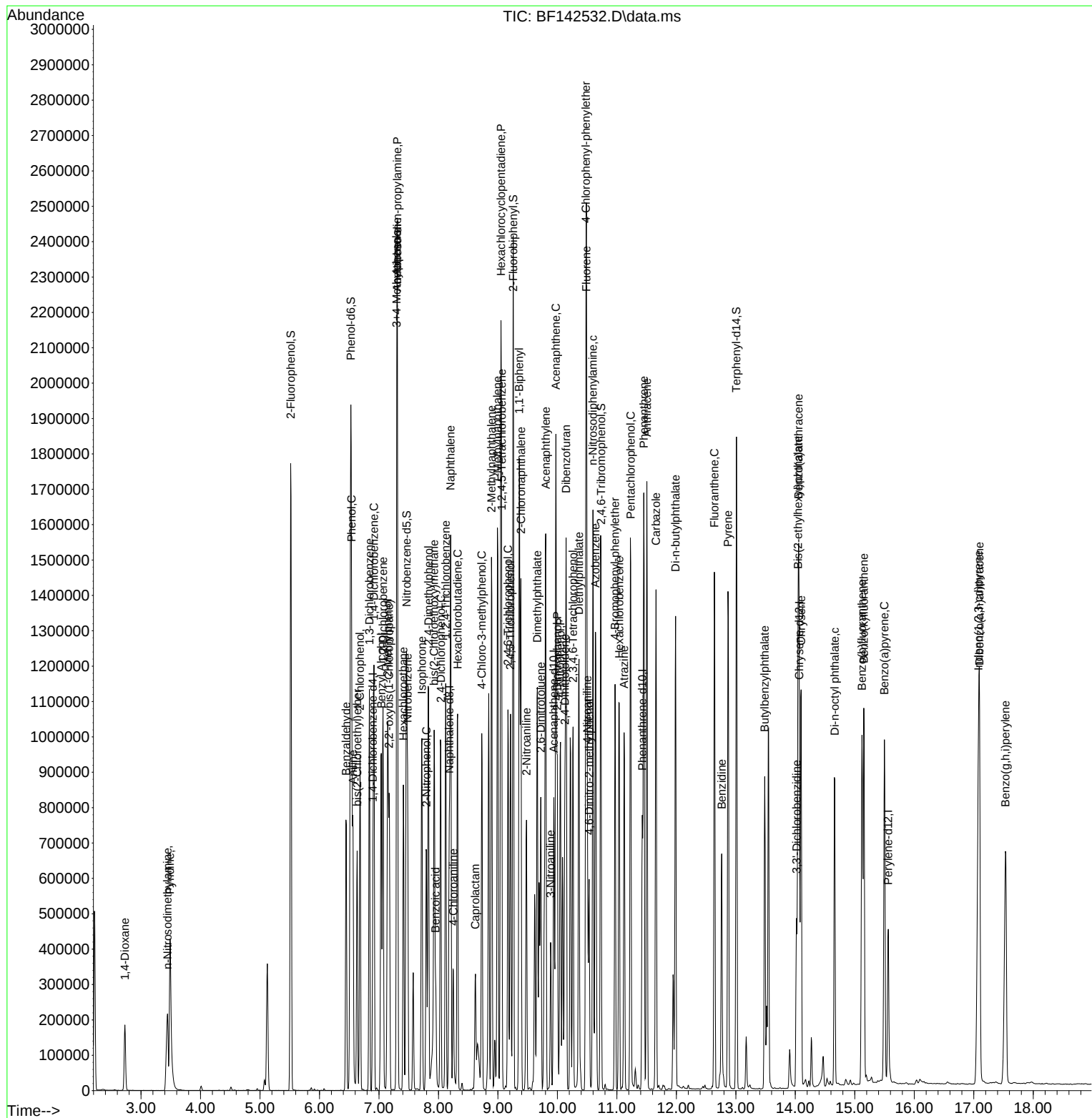
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	217153	42.722	ng	99
46) 1,1'-Biphenyl	9.357	154	818491	42.372	ng	100
47) 2-Chloronaphthalene	9.386	162	611229	42.827	ng	99
48) 2-Nitroaniline	9.481	65	178729	43.326	ng	97
49) Acenaphthylene	9.804	152	1011442	41.970	ng	99
50) Dimethylphthalate	9.663	163	702884	42.783	ng	100
51) 2,6-Dinitrotoluene	9.722	165	154865	43.675	ng	99
52) Acenaphthene	9.975	154	682029	46.347	ng	99
53) 3-Nitroaniline	9.886	138	95079	24.550	ng	99
54) 2,4-Dinitrophenol	9.998	184	189908	103.665	ng	92
55) Dibenzofuran	10.145	168	883252	41.710	ng	99
56) 4-Nitrophenol	10.051	139	255242	89.319	ng	100
57) 2,4-Dinitrotoluene	10.128	165	208376	44.998	ng	98
58) Fluorene	10.486	166	686117	41.940	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	184473	43.474	ng	99
60) Diethylphthalate	10.363	149	685883	42.747	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	333266	41.469	ng	97
62) 4-Nitroaniline	10.504	138	154852	44.085	ng	98
63) Azobenzene	10.639	77	676743	46.958	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	116634	52.172	ng	99
66) n-Nitrosodiphenylamine	10.598	169	599635	43.753	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	206212	43.535	ng	99
68) Hexachlorobenzene	11.039	284	228199	43.559	ng	98
69) Atrazine	11.122	200	174427	47.924	ng	99
70) Pentachlorophenol	11.233	266	269625	91.158	ng	100
71) Phenanthrene	11.451	178	921600	43.049	ng	99
72) Anthracene	11.504	178	948760	43.424	ng	100
73) Carbazole	11.657	167	822959	44.060	ng	100
74) Di-n-butylphthalate	11.986	149	955418	46.731	ng	100
75) Fluoranthene	12.639	202	870987	43.541	ng	98
77) Benzidine	12.763	184	377613	46.379	ng	98
78) Pyrene	12.869	202	848467	41.571	ng	100
80) Butylbenzylphthalate	13.486	149	293638	52.067	ng	99
81) Benzo(a)anthracene	14.057	228	627185	42.929	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	142487	32.155	ng	99
83) Chrysene	14.098	228	588371	44.819	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	373256	51.701	ng	99
85) Di-n-octyl phthalate	14.663	149	627635	44.461	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	812672	42.997	ng	99
88) Benzo(b)fluoranthene	15.121	252	687661	46.150	ng	99
89) Benzo(k)fluoranthene	15.151	252	555974	39.838	ng	98
90) Benzo(a)pyrene	15.498	252	617384	43.957	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	656511	42.827	ng	99
92) Benzo(g,h,i)perylene	17.533	276	659798	43.032	ng	98

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

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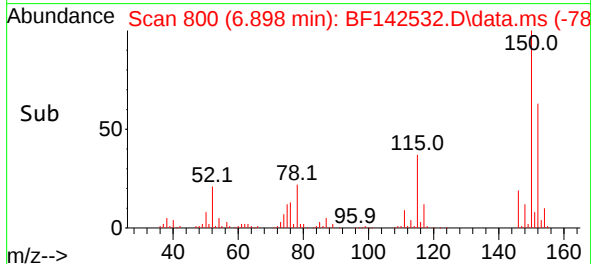
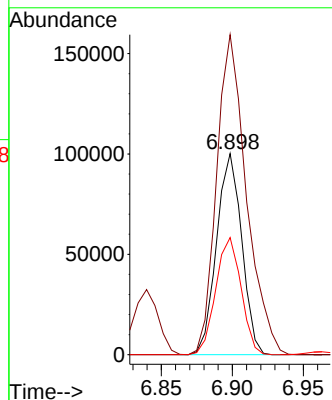
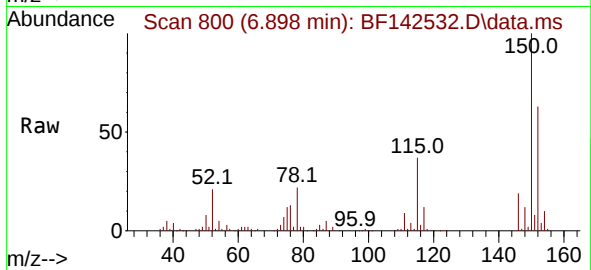




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142532.D
 Acq: 23 May 2025 13:41

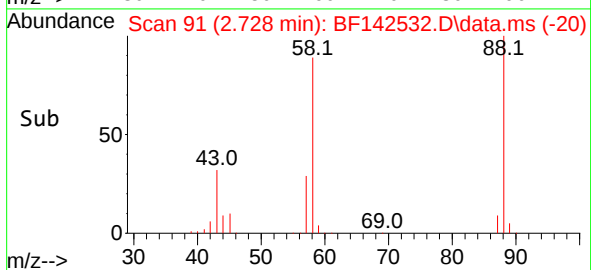
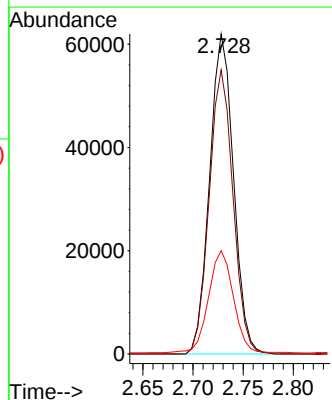
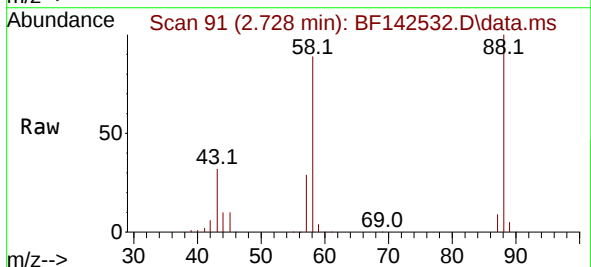
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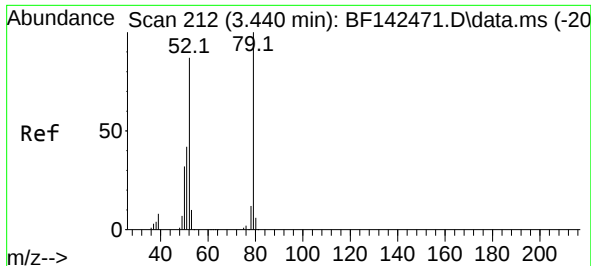
Tgt Ion:152 Resp: 123385
 Ion Ratio Lower Upper
 152 100
 150 159.1 128.2 192.4
 115 58.2 48.3 72.5



#2
 1,4-Dioxane
 Concen: 35.063 ng
 RT: 2.728 min Scan# 91
 Delta R.T. 0.065 min
 Lab File: BF142532.D
 Acq: 23 May 2025 13:41

Tgt Ion: 88 Resp: 102756
 Ion Ratio Lower Upper
 88 100
 58 88.7 70.8 106.2
 43 33.5 26.6 40.0

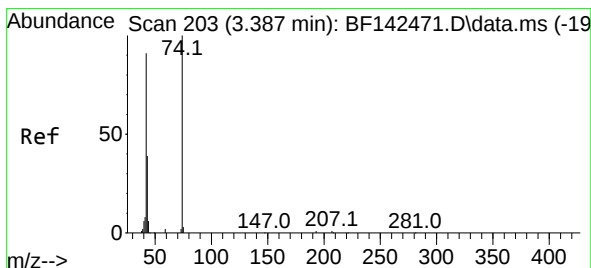
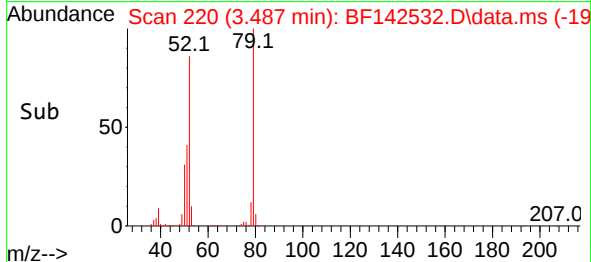
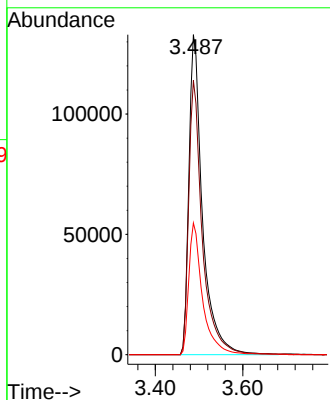
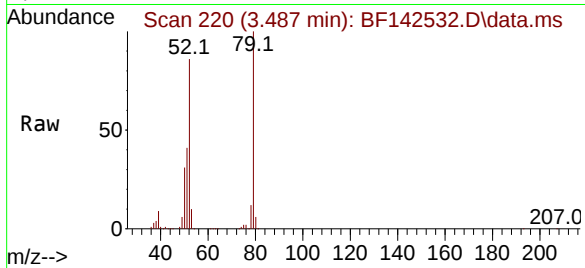




#3
Pyridine
Concen: 38.471 ng
RT: 3.487 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

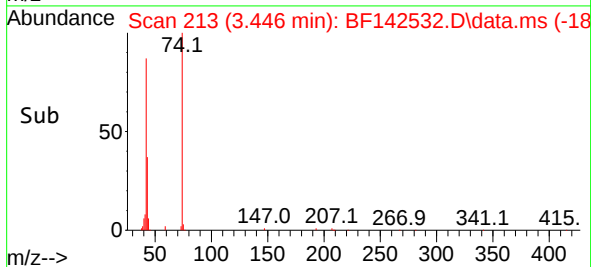
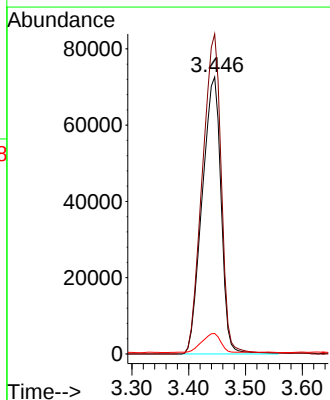
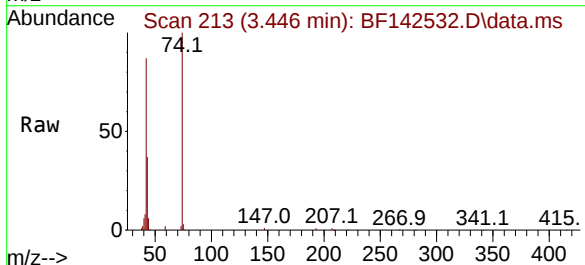
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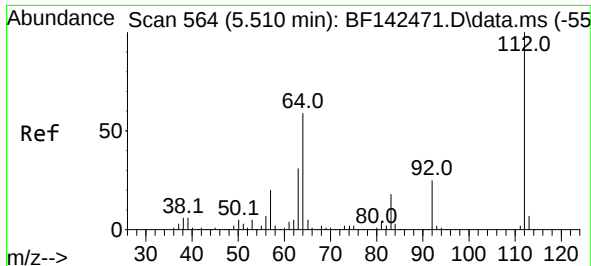
Tgt Ion: 79 Resp: 287109
Ion Ratio Lower Upper
79 100
52 85.7 69.2 103.8
51 41.1 33.3 49.9



#4
n-Nitrosodimethylamine
Concen: 43.249 ng
RT: 3.446 min Scan# 213
Delta R.T. 0.041 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion: 42 Resp: 167586
Ion Ratio Lower Upper
42 100
74 115.6 88.2 132.4
44 7.4 5.4 8.2

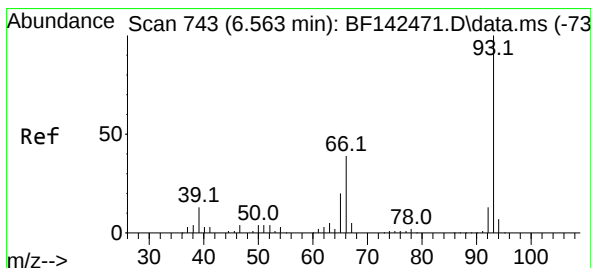
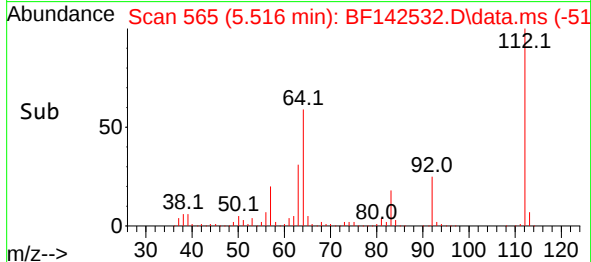
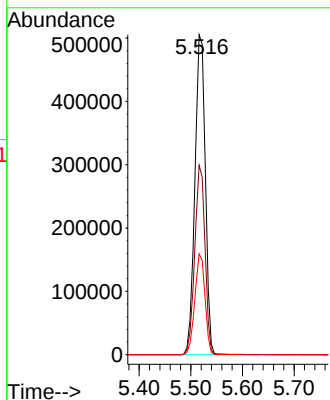
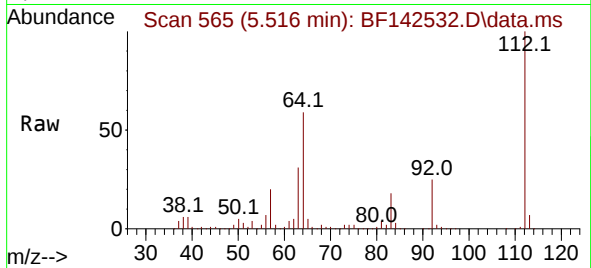




#5
2-Fluorophenol
Concen: 96.689 ng
RT: 5.516 min Scan# 501
Delta R.T. 0.000 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

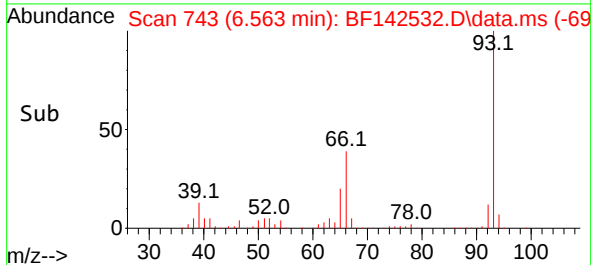
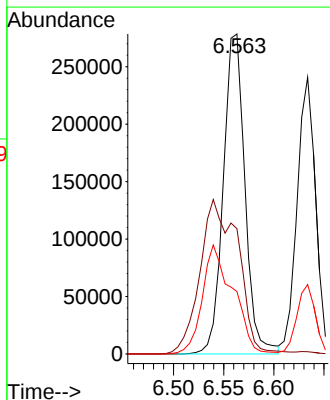
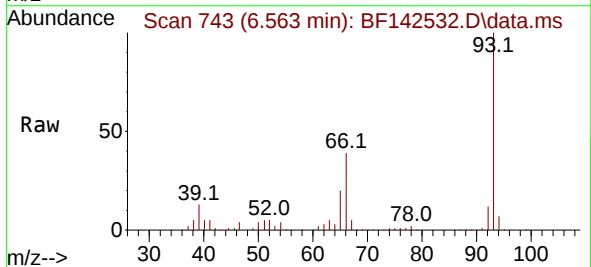
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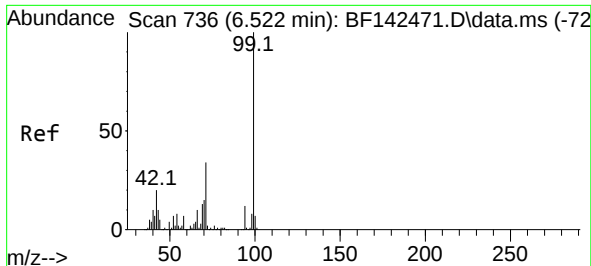
Tgt Ion:112 Resp: 708116
Ion Ratio Lower Upper
112 100
64 59.2 47.5 71.3
63 31.5 24.9 37.3



#6
Aniline
Concen: 35.364 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion: 93 Resp: 419201
Ion Ratio Lower Upper
93 100
66 39.1 32.0 48.0
65 19.5 16.1 24.1

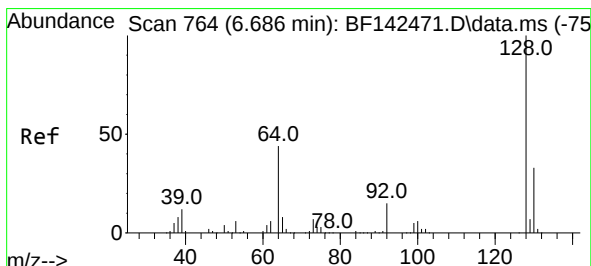
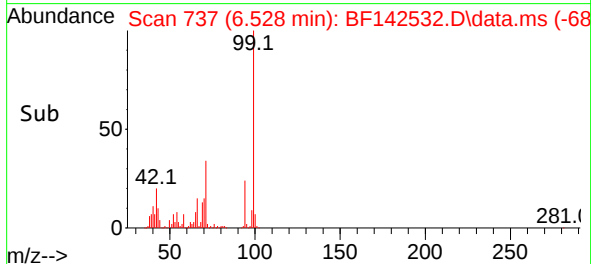
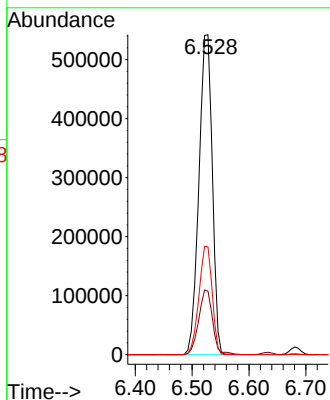
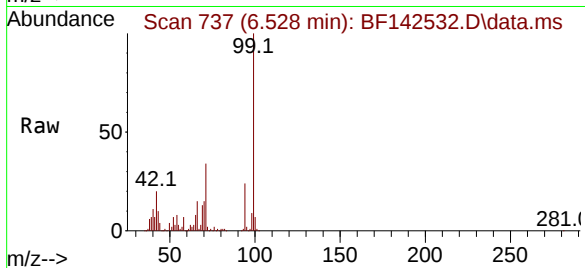




#7
Phenol-d6
Concen: 100.543 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

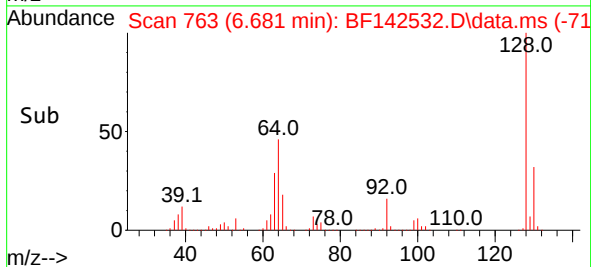
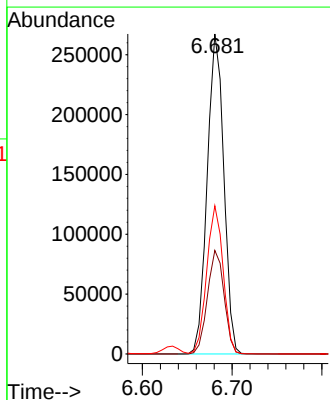
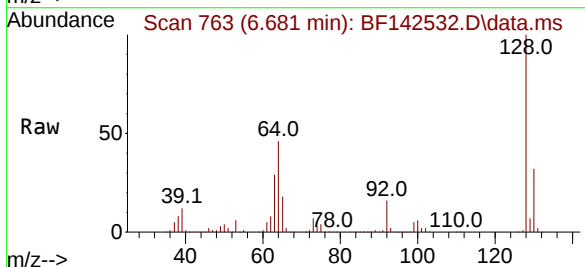
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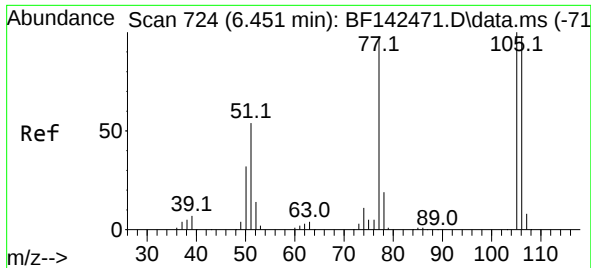
Tgt Ion: 99 Resp: 886372
Ion Ratio Lower Upper
99 100
42 19.8 16.2 24.2
71 33.7 27.3 40.9



#8
2-Chlorophenol
Concen: 42.997 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
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Tgt Ion: 128 Resp: 342990
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 46.3 25.1 65.1

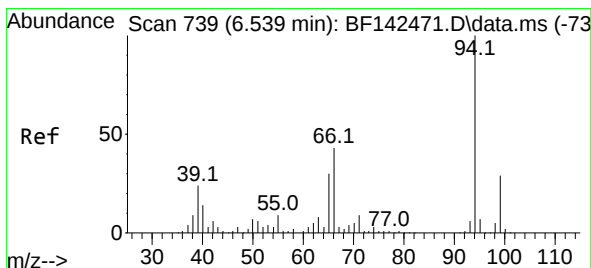
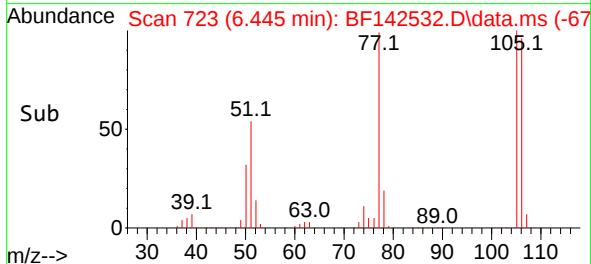
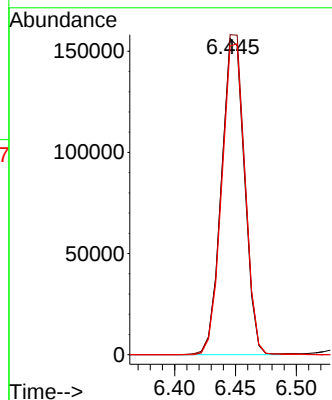
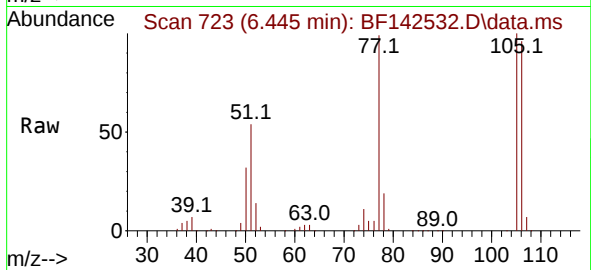




#9
Benzaldehyde
Concen: 38.688 ng
RT: 6.445 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142532.D
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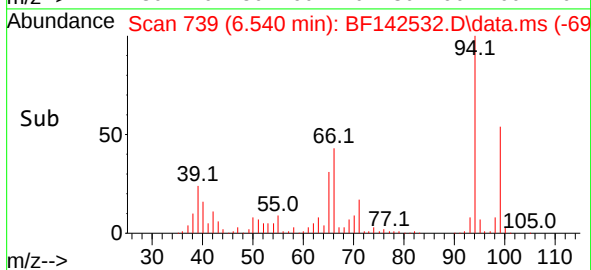
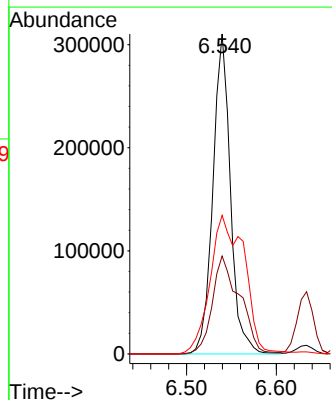
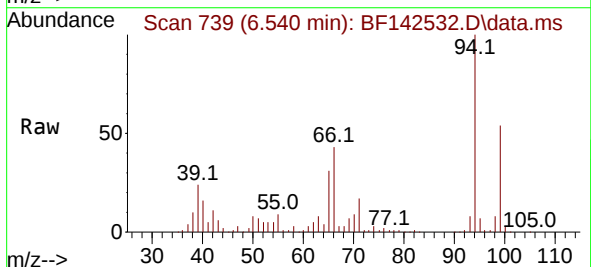
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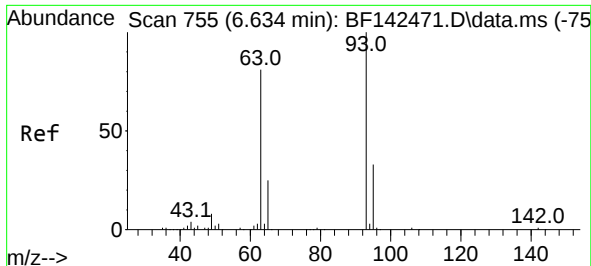
Tgt Ion: 77 Resp: 205139
Ion Ratio Lower Upper
77 100
105 101.2 82.5 122.5
106 97.7 80.0 120.0



#10
Phenol
Concen: 42.483 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
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Tgt Ion: 94 Resp: 421422
Ion Ratio Lower Upper
94 100
65 30.6 10.3 50.3
66 43.3 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 43.074 ng

RT: 6.634 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

TP-45MSD

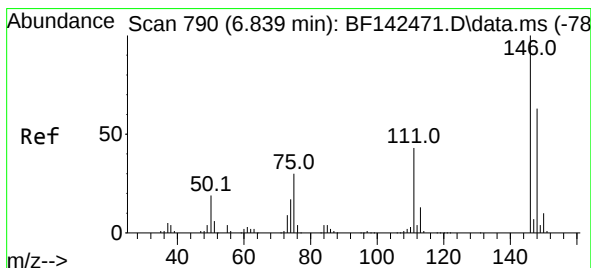
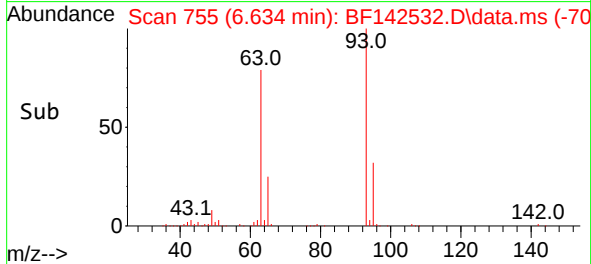
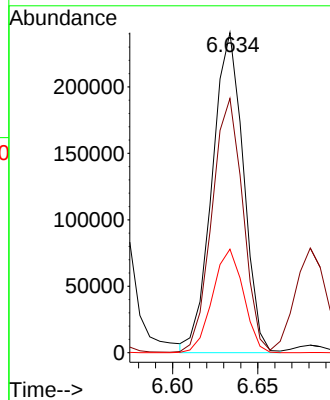
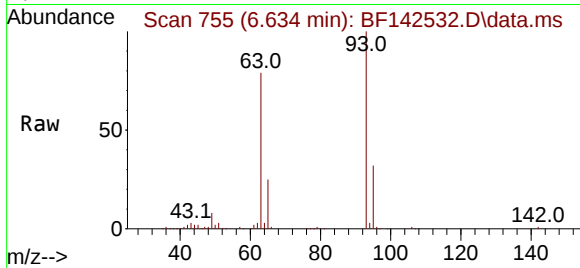
Tgt Ion: 93 Resp: 307573

Ion Ratio Lower Upper

93 100

63 79.4 60.2 100.2

95 32.4 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 41.034 ng

RT: 6.840 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

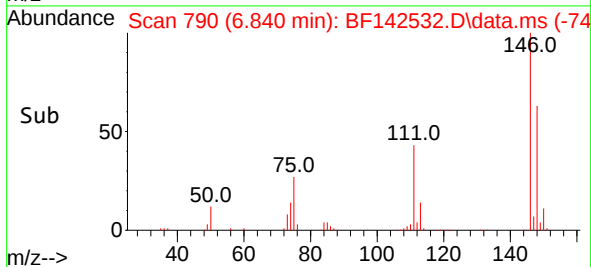
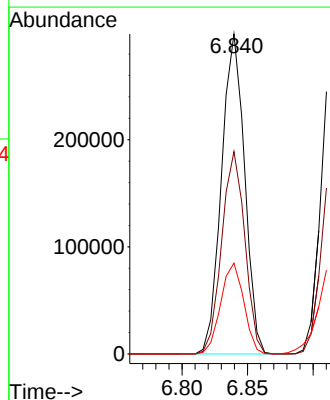
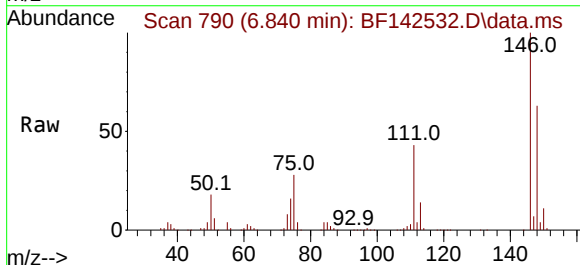
Tgt Ion: 146 Resp: 365246

Ion Ratio Lower Upper

146 100

148 63.3 50.6 75.8

75 28.4 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 41.393 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

TP-45MSD

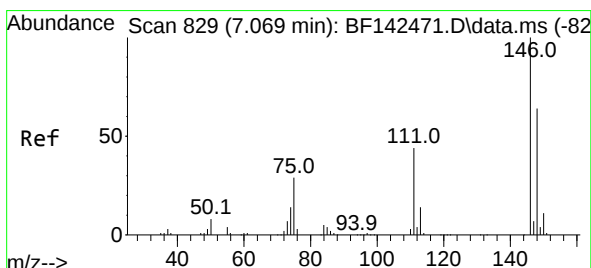
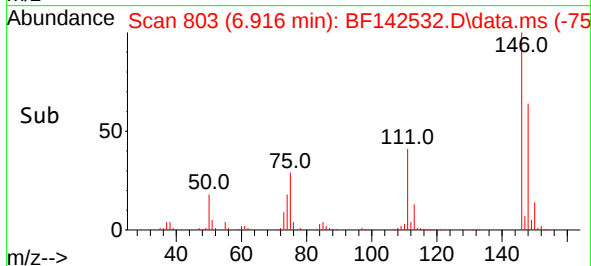
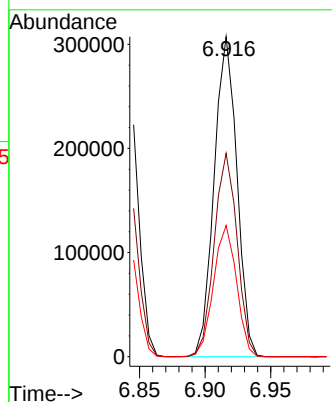
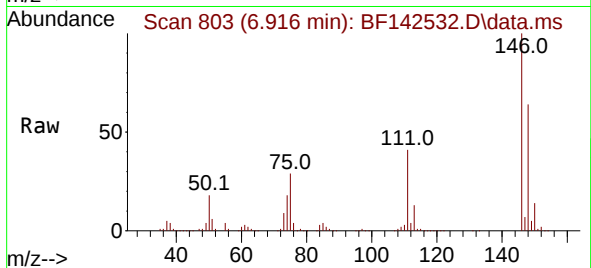
Tgt Ion:146 Resp: 371141

Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

111 41.0 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 41.869 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

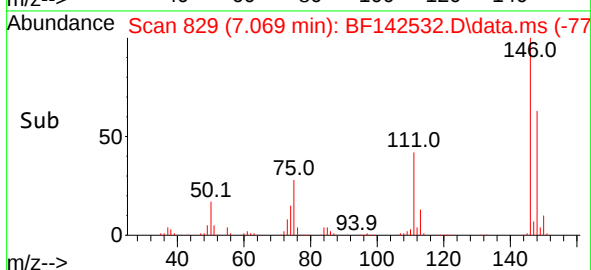
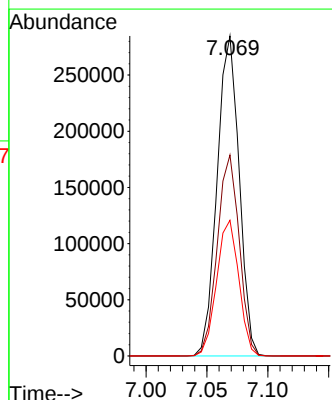
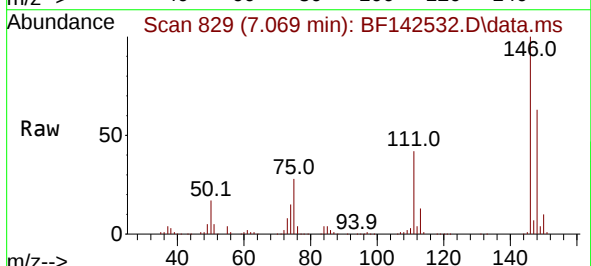
Tgt Ion:146 Resp: 359213

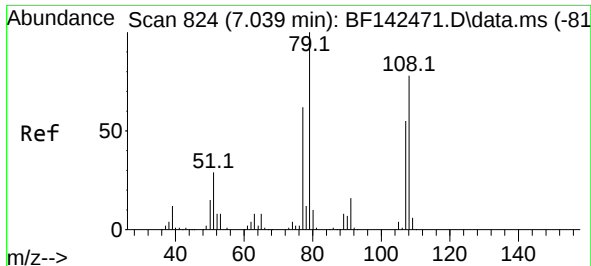
Ion Ratio Lower Upper

146 100

148 62.8 51.0 76.4

111 42.4 35.0 52.6



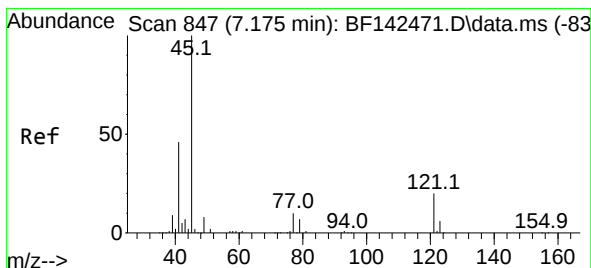
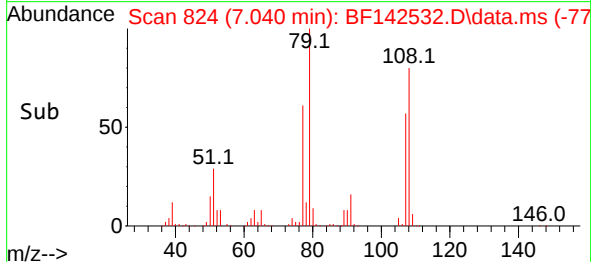
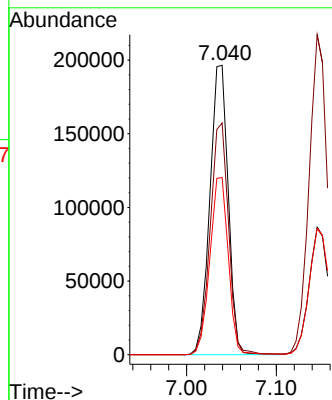
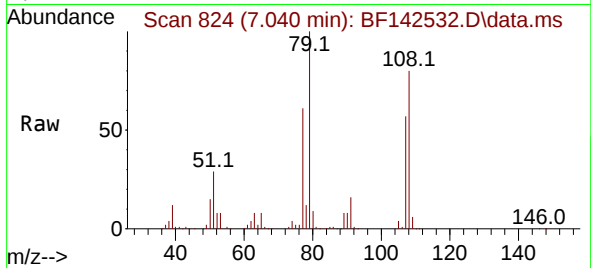


#15
Benzyl Alcohol
Concen: 42.776 ng
RT: 7.040 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Instrument :
BNA_F
ClientSampleId :
TP-45MSD

Tgt Ion: 79 Resp: 278685

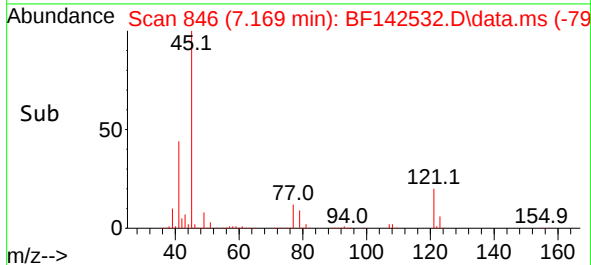
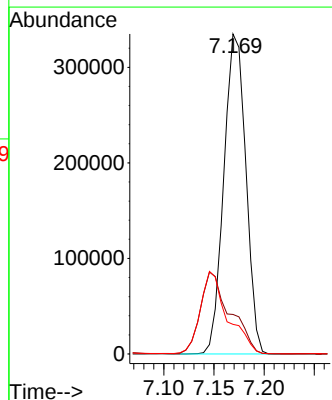
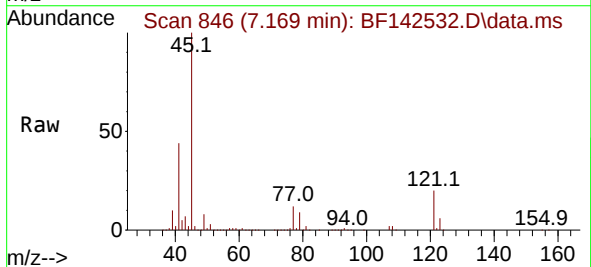
Ion	Ratio	Lower	Upper
79	100		
108	80.0	62.1	93.1
77	61.2	49.5	74.3

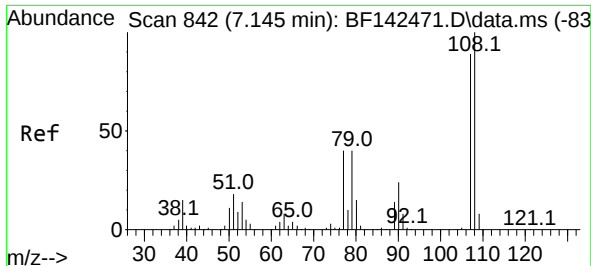


#16
2,2'-oxybis(1-chloropropane)
Concen: 42.582 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion: 45 Resp: 510625

Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	32.0
79	9.3	0.0	29.2

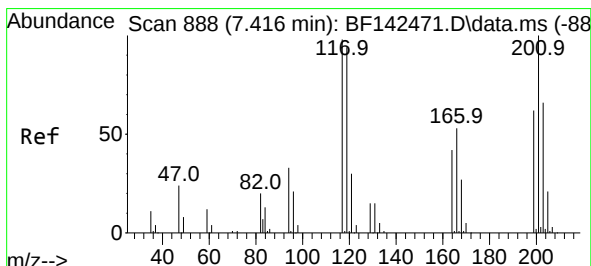
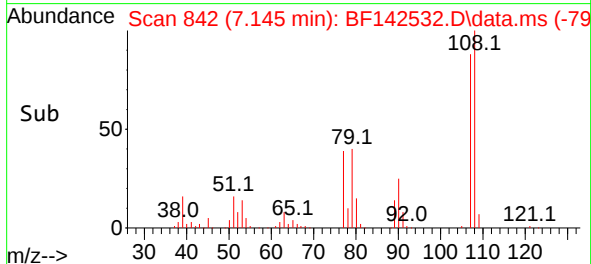
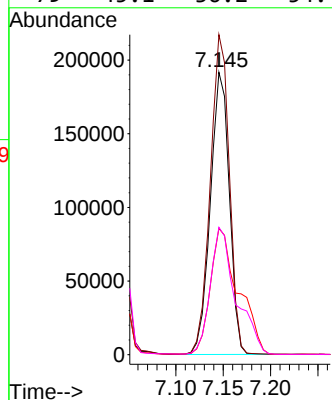
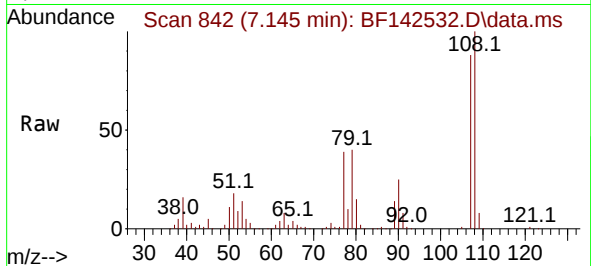




#17
2-Methylphenol
Concen: 42.807 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

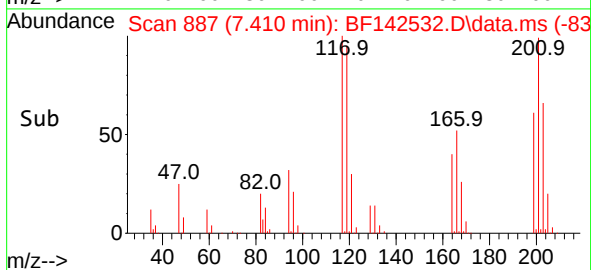
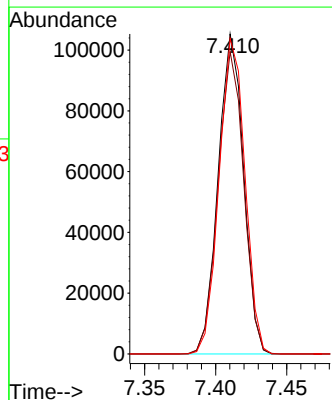
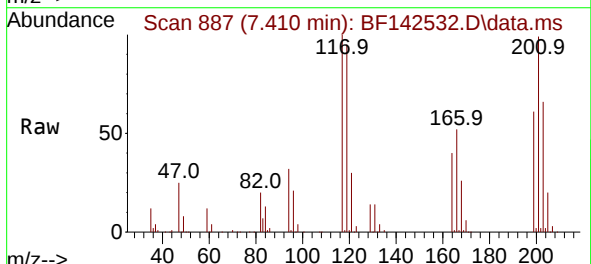
Instrument :
BNA_F
ClientSampleId :
TP-45MSD

Tgt Ion:107 Resp: 266603
Ion Ratio Lower Upper
107 100
108 113.3 90.2 135.2
77 44.7 36.1 54.1
79 45.1 36.2 54.4



#18
Hexachloroethane
Concen: 41.890 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion:117 Resp: 131150
Ion Ratio Lower Upper
117 100
119 94.5 76.6 114.8
201 98.6 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 41.042 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.017 min

Lab File: BF142532.D

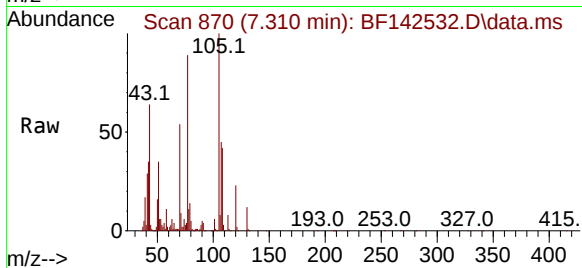
Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

TP-45MSD



Tgt Ion: 70 Resp: 224239

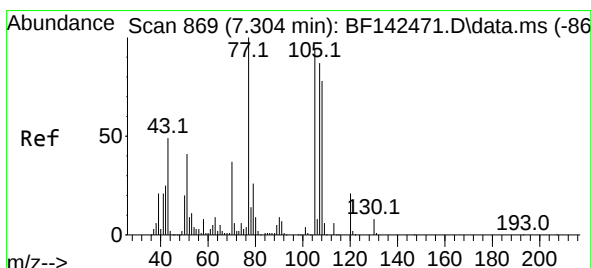
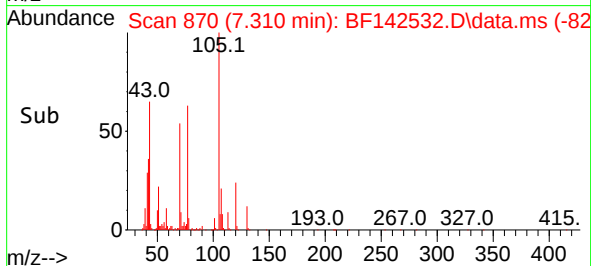
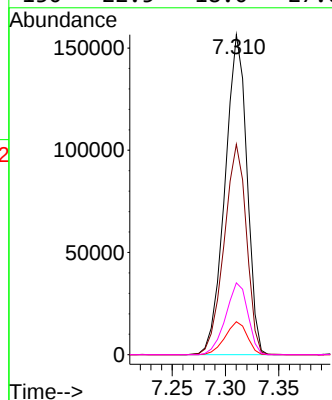
Ion Ratio Lower Upper

70 100

42 65.8 52.4 78.6

101 10.3 7.8 11.8

130 22.5 18.0 27.0



#20

3+4-Methylphenols

Concen: 41.125 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.012 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

Tgt Ion:107 Resp: 327995

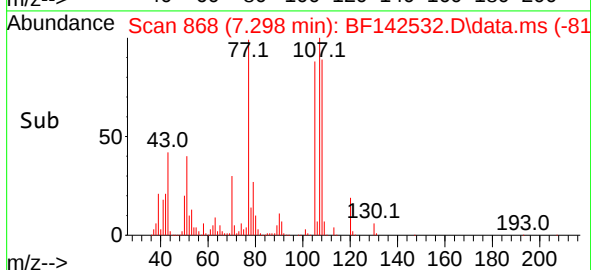
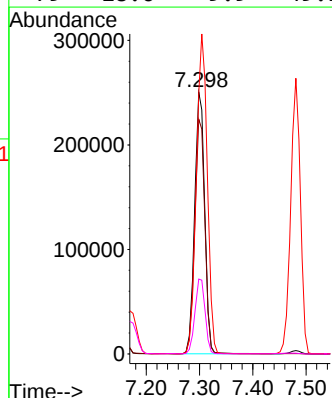
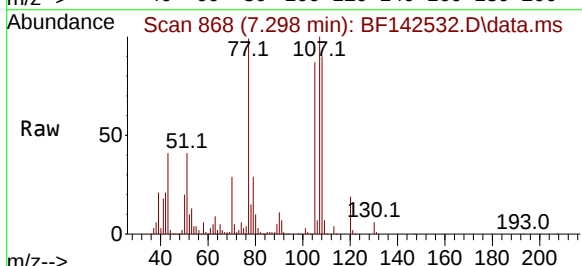
Ion Ratio Lower Upper

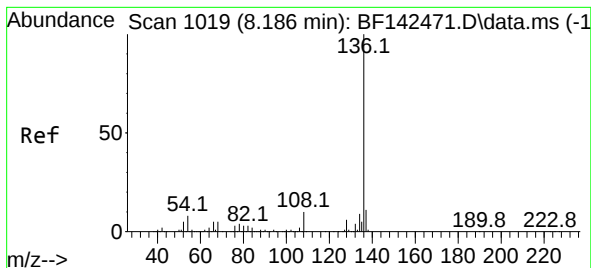
107 100

108 89.6 70.4 110.4

77 99.4 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: BF142532.D

Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

TP-45MSD

Tgt Ion:136 Resp: 475116

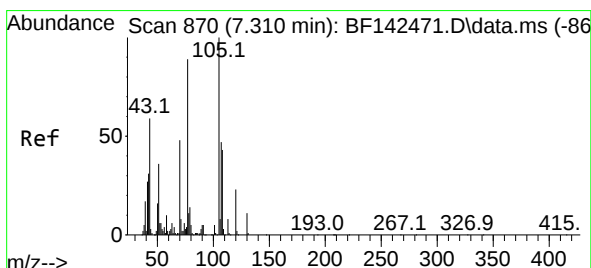
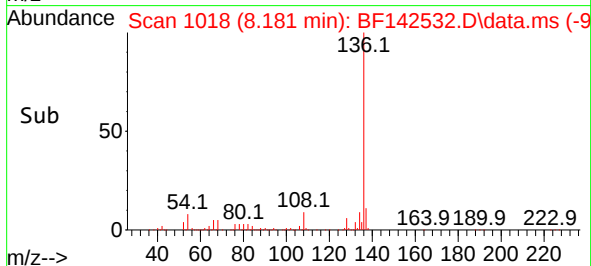
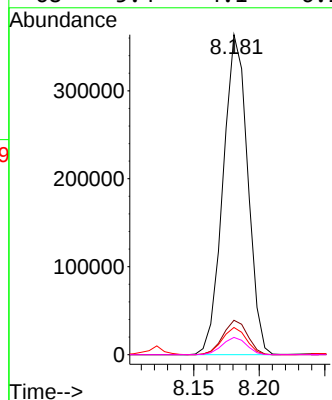
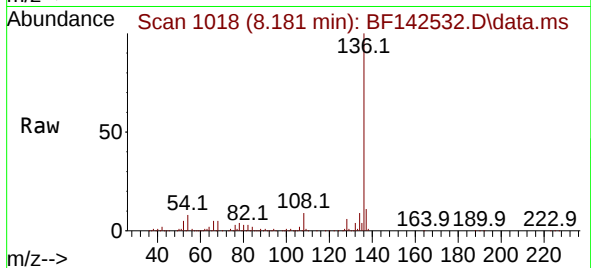
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.5 6.6 10.0

68 5.4 4.1 6.1



#22

Acetophenone

Concen: 41.963 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

Tgt Ion:105 Resp: 441349

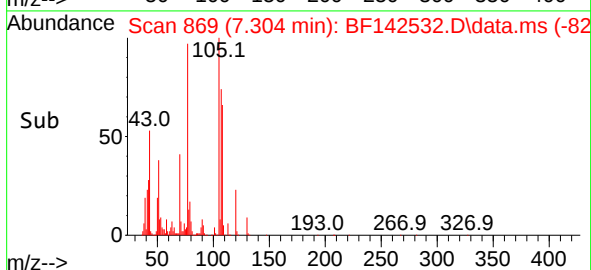
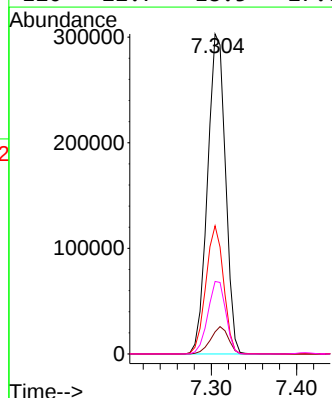
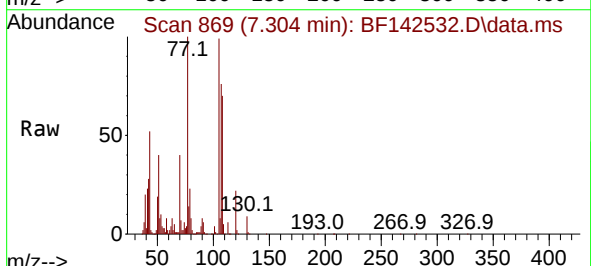
Ion Ratio Lower Upper

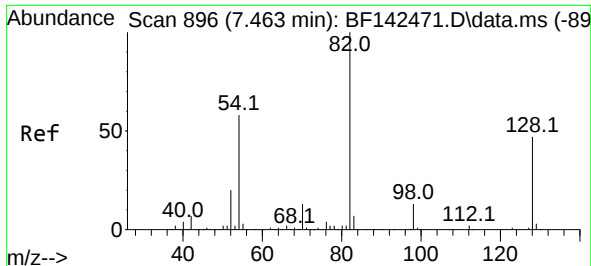
105 100

71 6.9 6.4 9.6

51 40.1 28.6 42.8

120 22.7 18.5 27.7





#23

Nitrobenzene-d5

Concen: 60.863 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

TP-45MSD

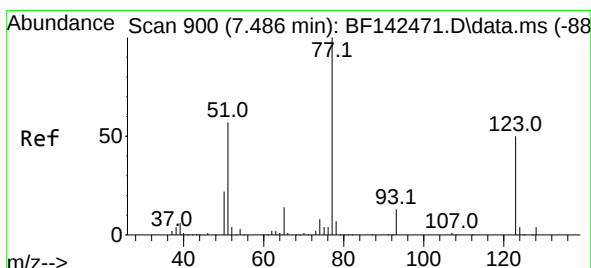
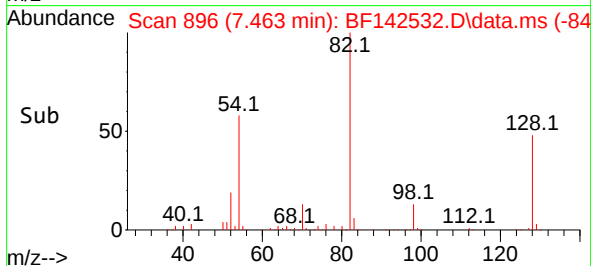
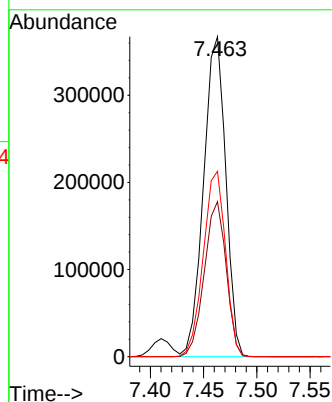
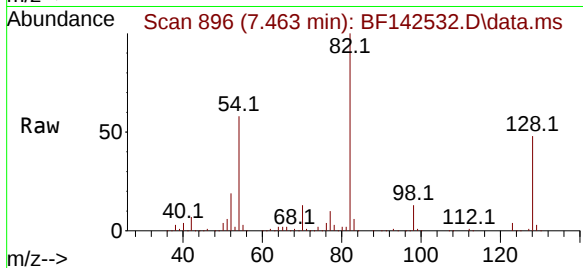
Tgt Ion: 82 Resp: 530308

Ion Ratio Lower Upper

82 100

128 48.5 37.4 56.2

54 57.9 46.6 70.0



#24

Nitrobenzene

Concen: 42.501 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

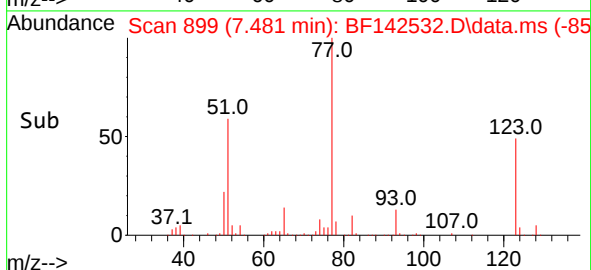
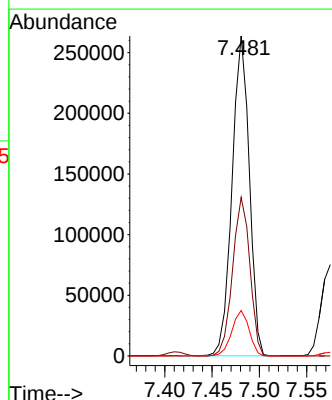
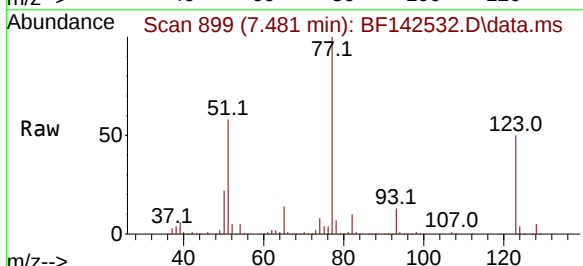
Tgt Ion: 77 Resp: 333991

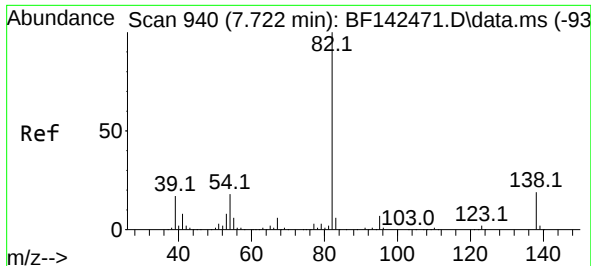
Ion Ratio Lower Upper

77 100

123 49.6 40.6 61.0

65 14.2 11.4 17.2

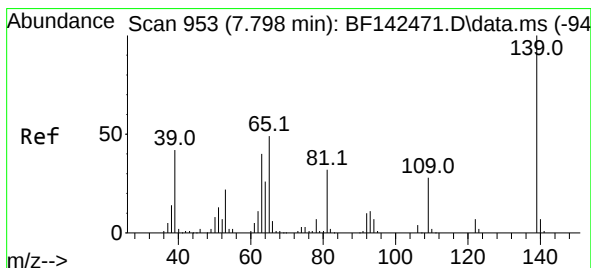
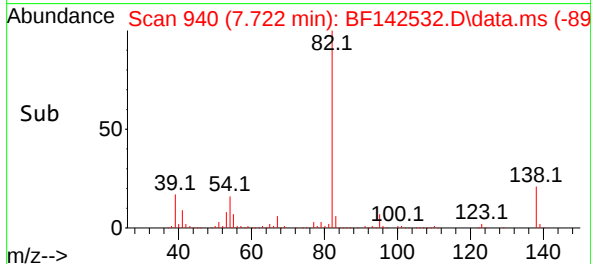
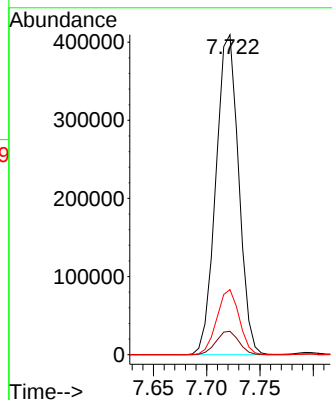
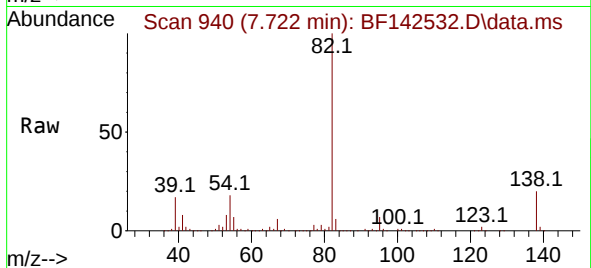




#25
Isophorone
Concen: 41.766 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

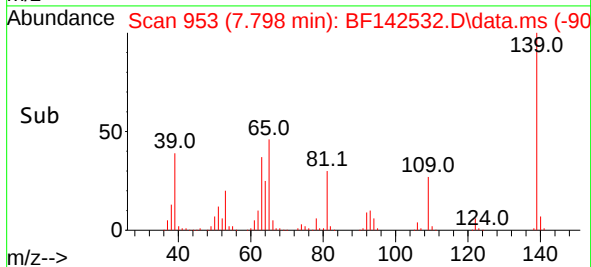
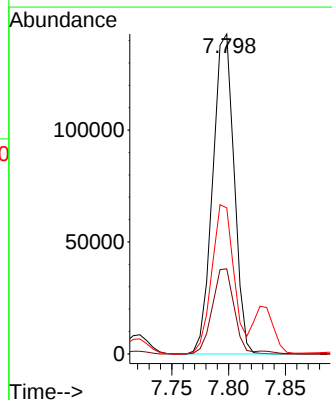
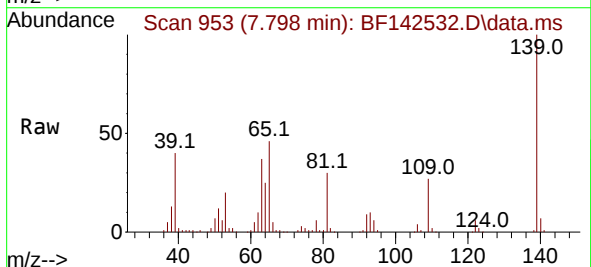
Instrument :
BNA_F
ClientSampleId :
TP-45MSD

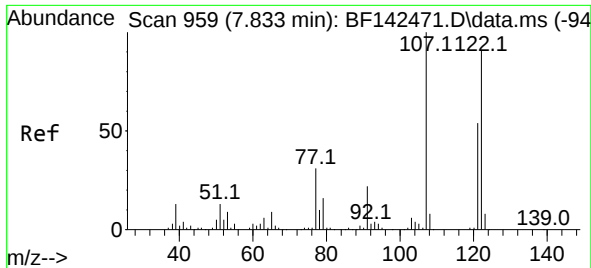
Tgt Ion: 82 Resp: 608440
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 20.4 15.5 23.3



#26
2-Nitrophenol
Concen: 44.580 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion:139 Resp: 187195
Ion Ratio Lower Upper
139 100
109 26.6 22.6 33.8
65 45.7 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 42.808 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

TP-45MSD

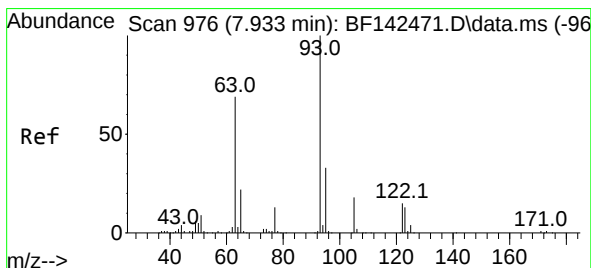
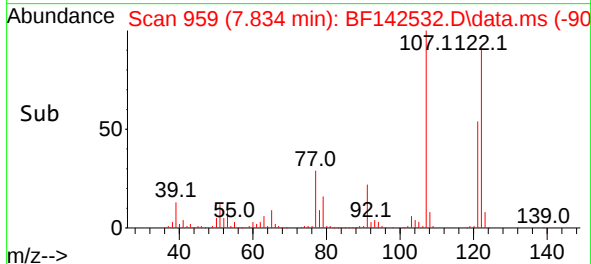
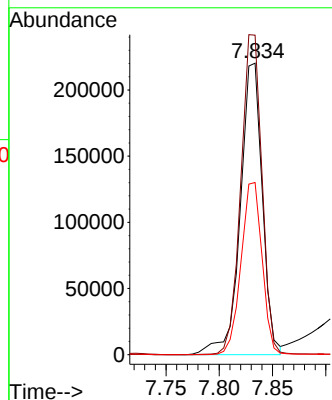
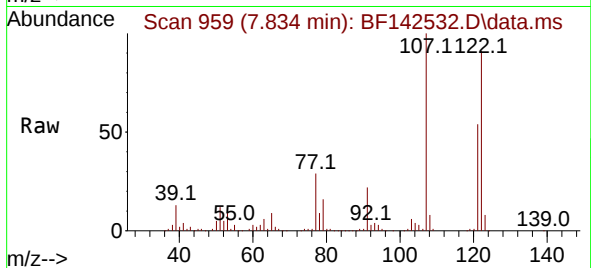
Tgt Ion:122 Resp: 316993

Ion Ratio Lower Upper

122 100

107 109.6 88.1 132.1

121 59.1 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 41.889 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

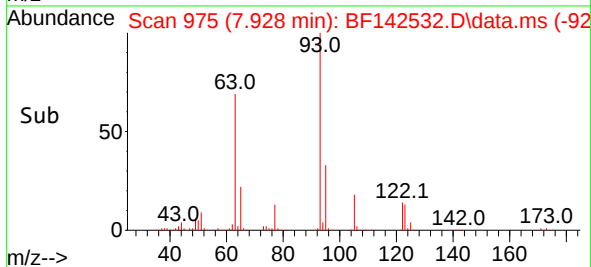
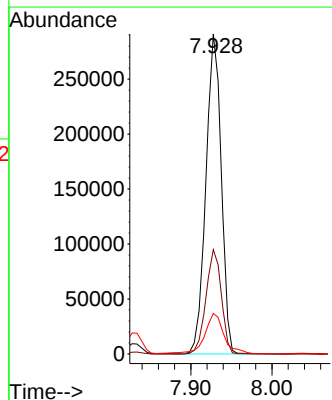
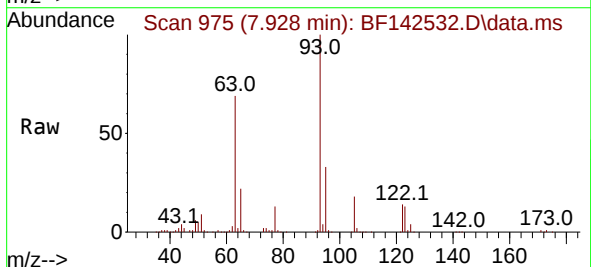
Tgt Ion: 93 Resp: 381200

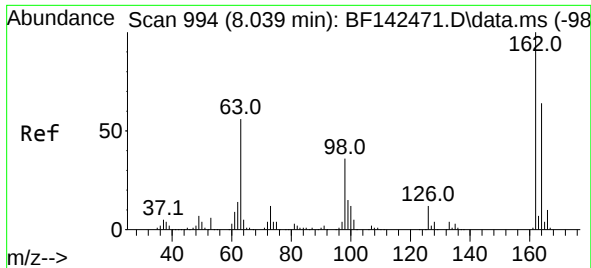
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 12.7 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 42.653 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

TP-45MSD

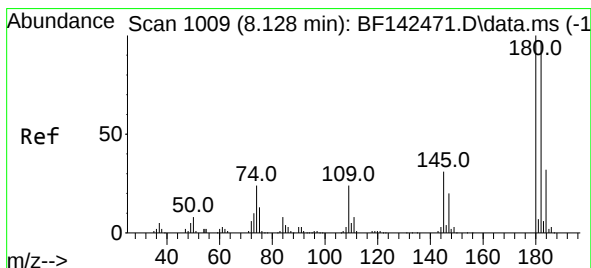
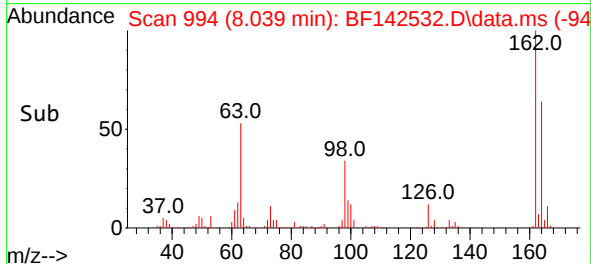
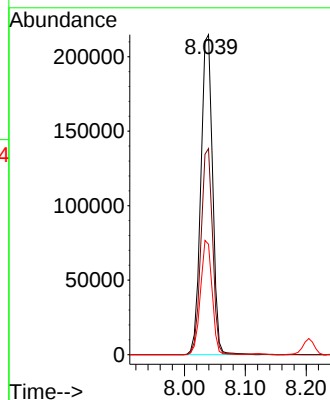
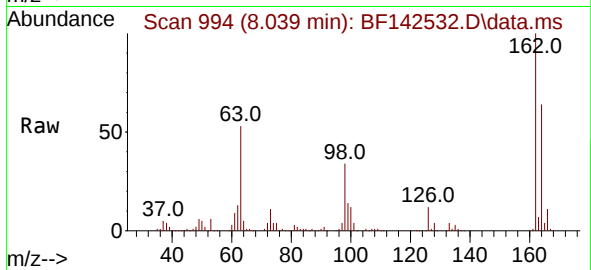
Tgt Ion:162 Resp: 287241

Ion Ratio Lower Upper

162 100

164 64.4 43.7 83.7

98 34.5 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 41.808 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

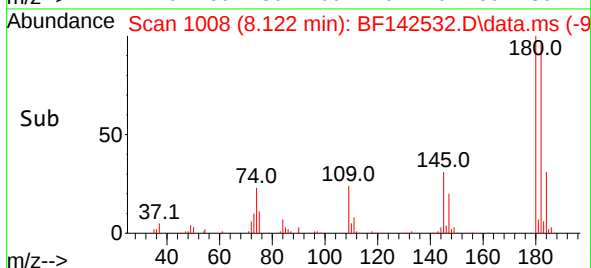
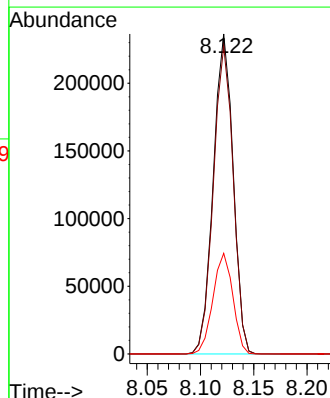
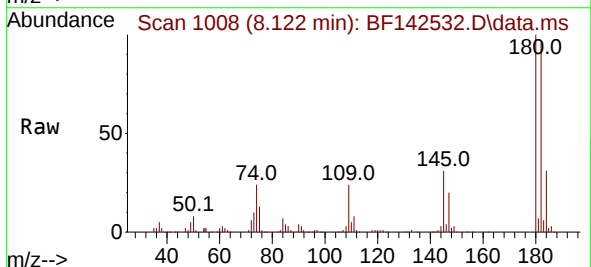
Tgt Ion:180 Resp: 305557

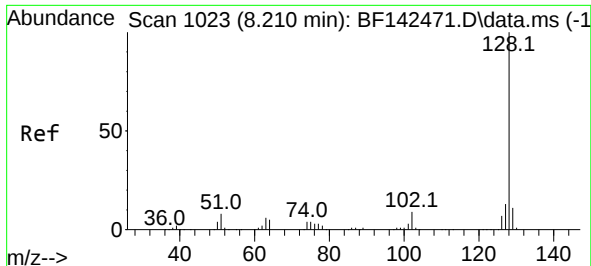
Ion Ratio Lower Upper

180 100

182 96.2 78.0 117.0

145 31.4 25.0 37.6

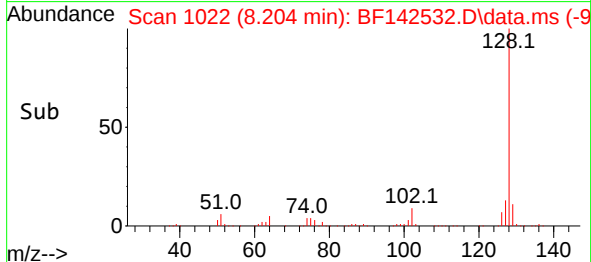
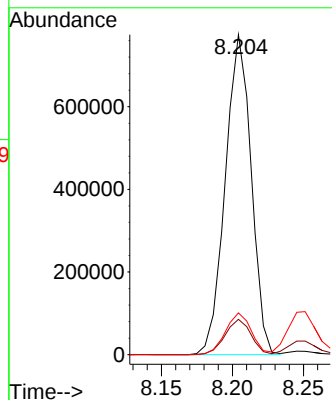
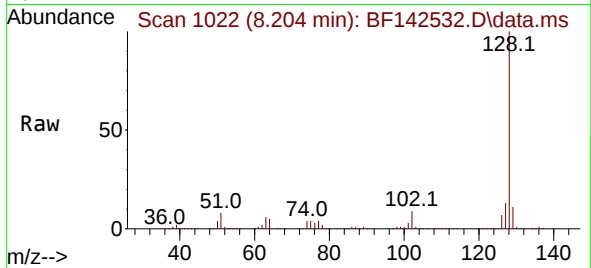




#31
Naphthalene
Concen: 42.049 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

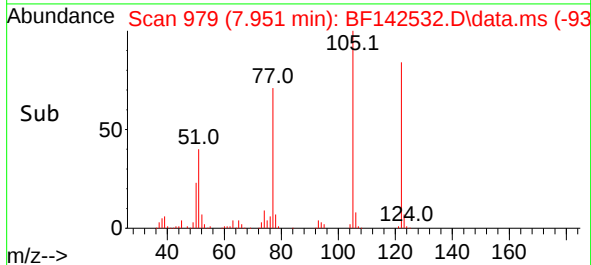
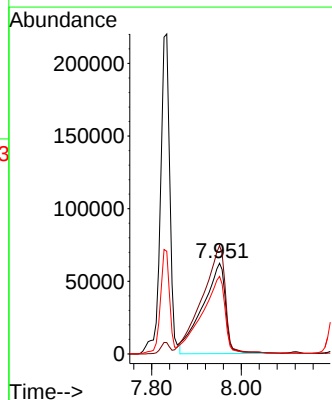
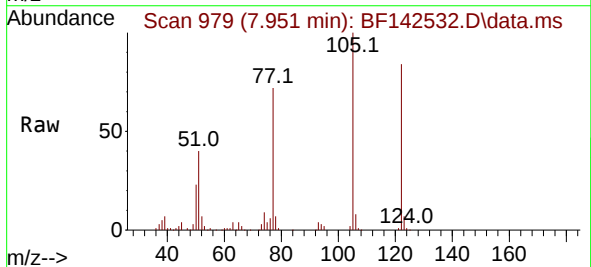
Instrument :
BNA_F
ClientSampleId :
TP-45MSD

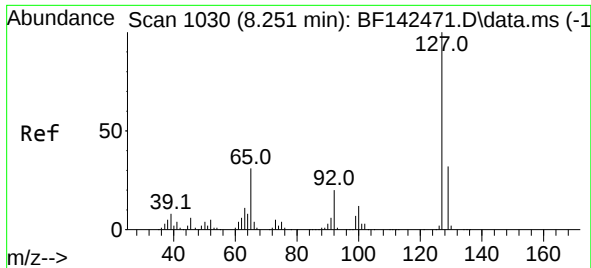
Tgt Ion:128 Resp: 983702
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 48.959 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.024 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion:122 Resp: 220689
Ion Ratio Lower Upper
122 100
105 119.4 101.7 141.7
77 85.5 69.5 109.5

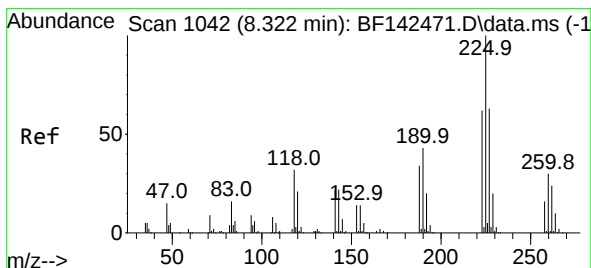
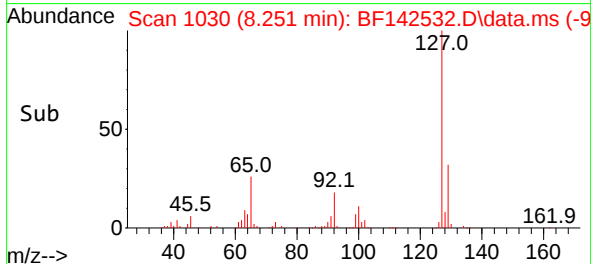
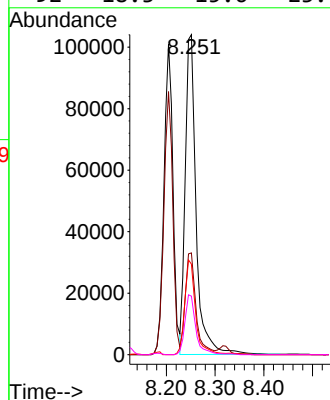
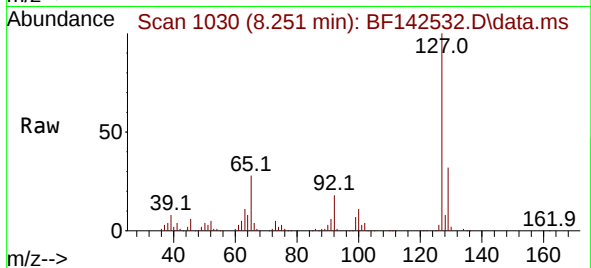




#33
4-Chloroaniline
Concen: 17.030 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

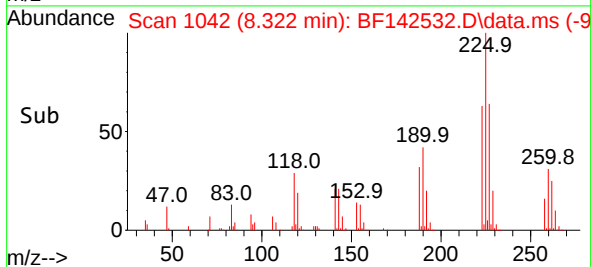
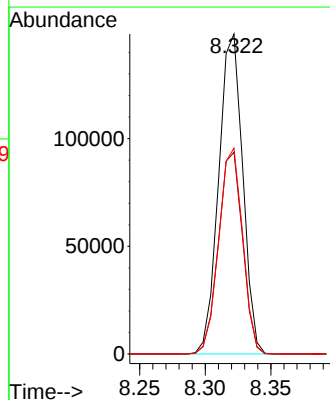
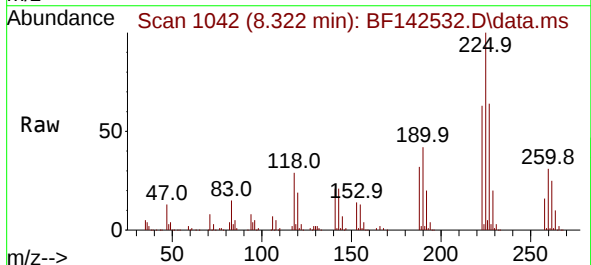
Instrument :
BNA_F
ClientSampleId :
TP-45MSD

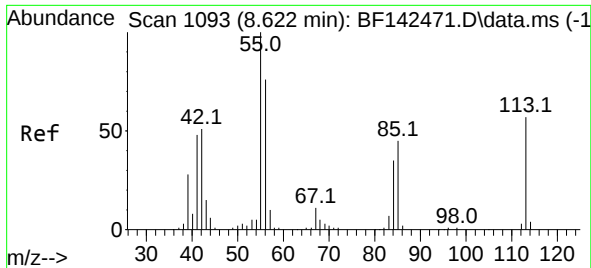
Tgt Ion:127	Resp: 161439
Ion Ratio	Lower Upper
127 100	
129 31.8	26.1 39.1
65 28.3	24.9 37.3
92 18.3	15.6 23.4



#34
Hexachlorobutadiene
Concen: 41.403 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion:225	Resp: 188941
Ion Ratio	Lower Upper
225 100	
223 63.0	49.7 74.5
227 64.3	50.3 75.5

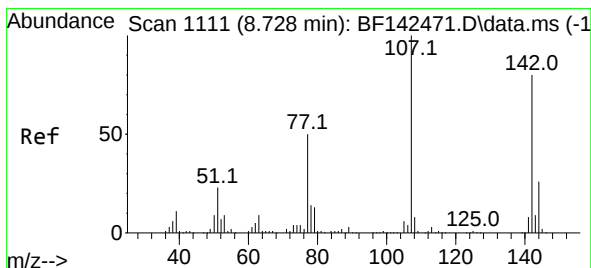
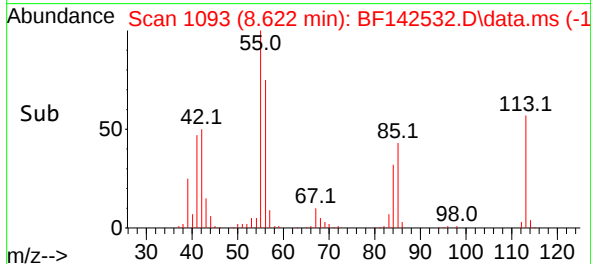
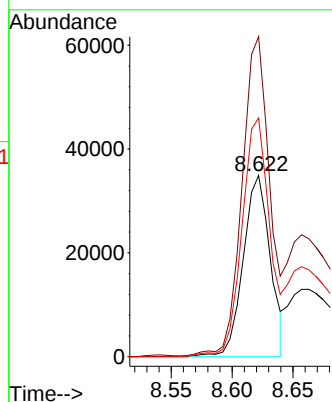
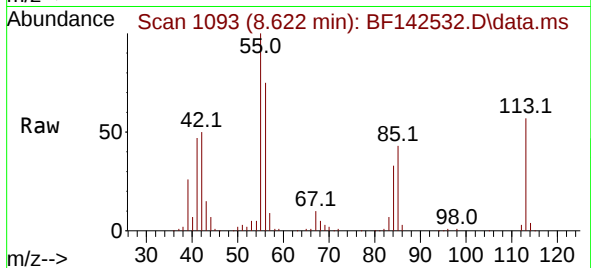




#35
 Caprolactam
 Concen: 28.449 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.023 min
 Lab File: BF142532.D
 Acq: 23 May 2025 13:41

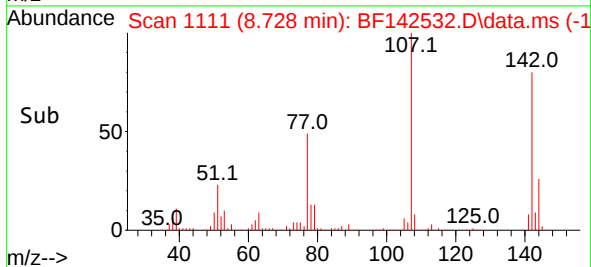
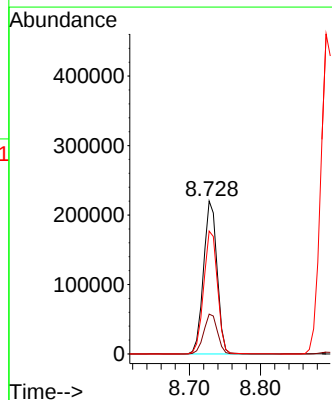
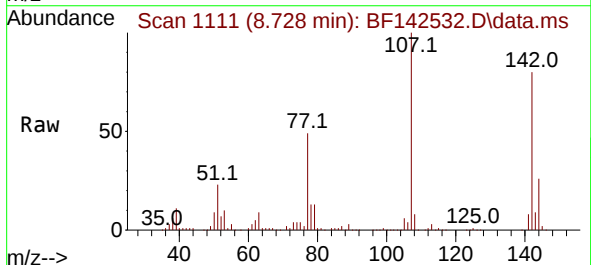
Instrument :
 BNA_F
 ClientSampleId :
 TP-45MSD

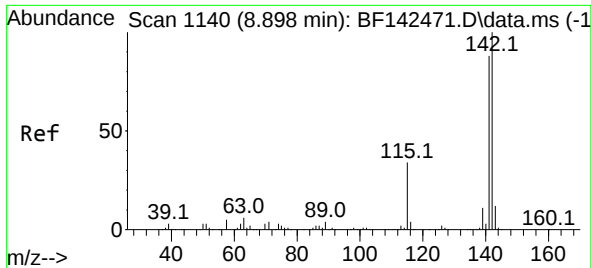
Tgt Ion:113 Resp: 53808
 Ion Ratio Lower Upper
 113 100
 55 176.5 154.7 194.7
 56 131.7 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 42.515 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF142532.D
 Acq: 23 May 2025 13:41

Tgt Ion:107 Resp: 293420
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.9 31.3
 142 80.3 64.2 96.2

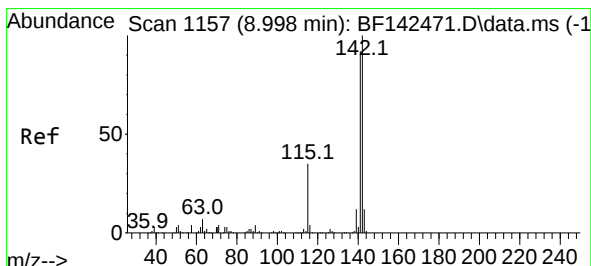
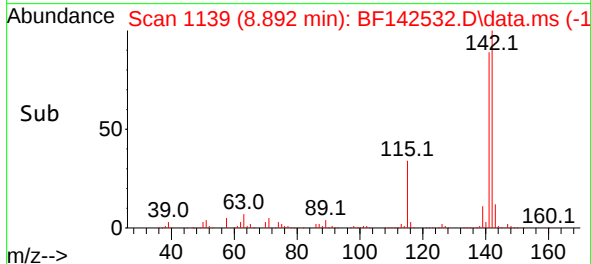
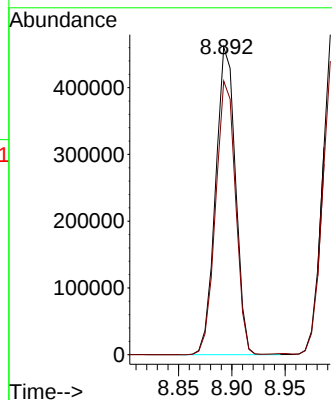
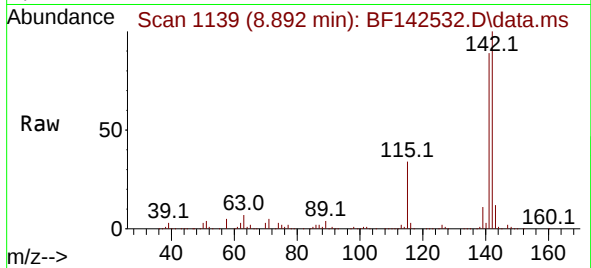




#37
2-Methylnaphthalene
Concen: 40.628 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

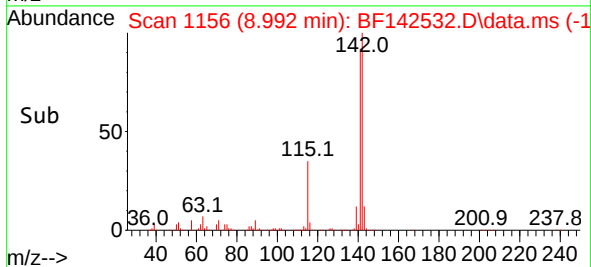
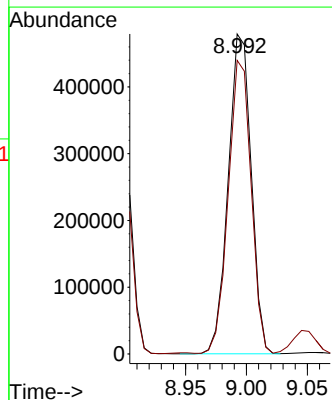
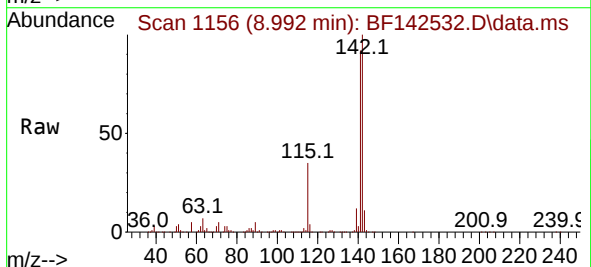
Instrument :
BNA_F
ClientSampleId :
TP-45MSD

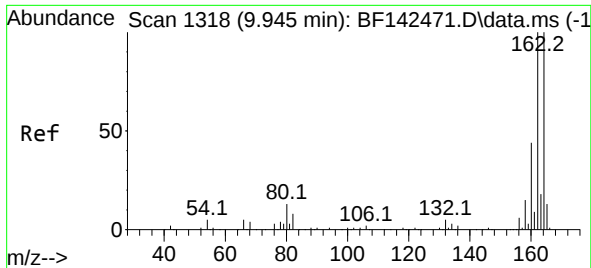
Tgt Ion:142 Resp: 597956
Ion Ratio Lower Upper
142 100
141 89.0 70.7 106.1



#38
1-Methylnaphthalene
Concen: 41.338 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion:142 Resp: 629327
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2

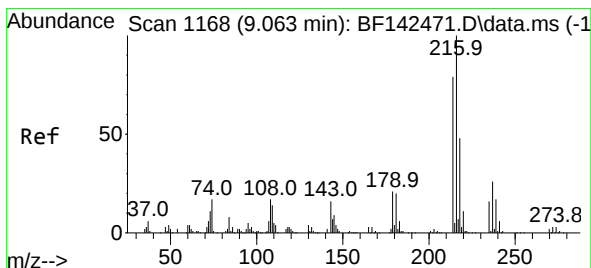
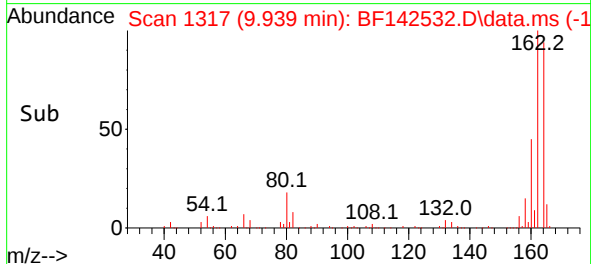
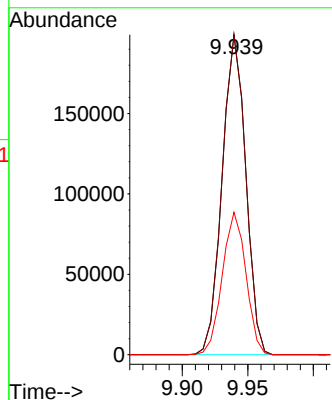
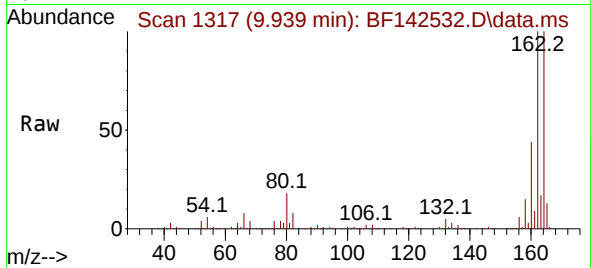




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

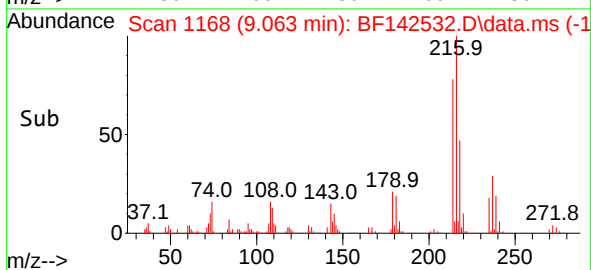
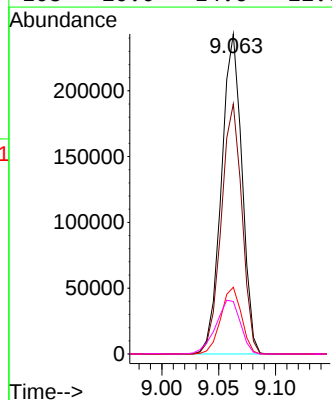
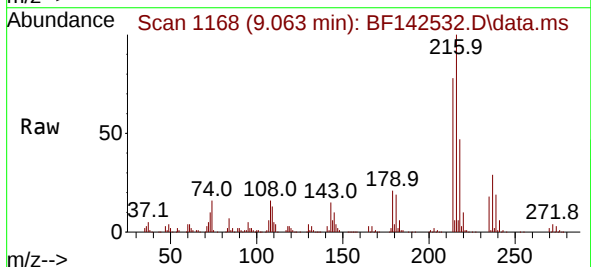
Instrument :
BNA_F
ClientSampleId :
TP-45MSD

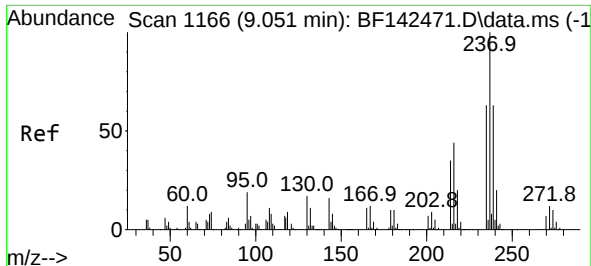
Tgt Ion:164 Resp: 248986
Ion Ratio Lower Upper
164 100
162 99.8 80.2 120.4
160 44.5 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.893 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion:216 Resp: 306573
Ion Ratio Lower Upper
216 100
214 78.4 62.9 94.3
179 20.9 16.9 25.3
108 20.0 14.6 22.0

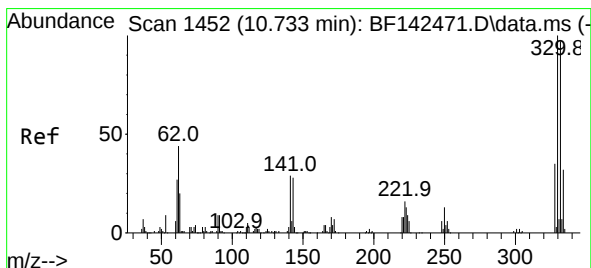
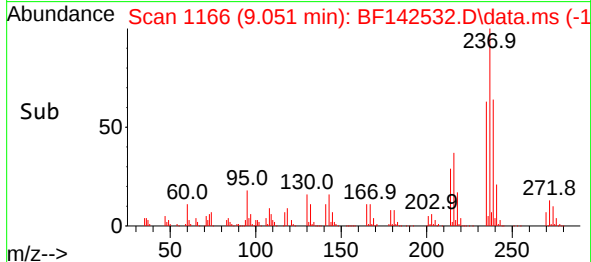
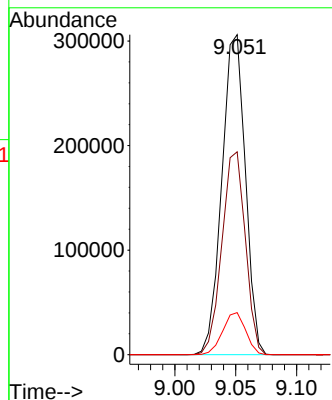
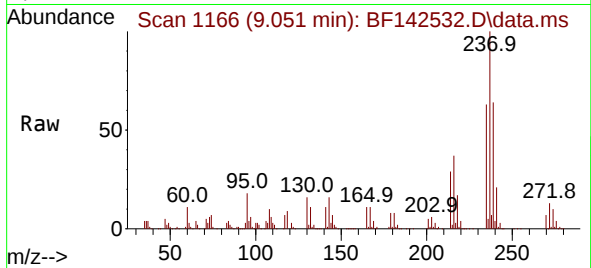




#41
Hexachlorocyclopentadiene
Concen: 85.289 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

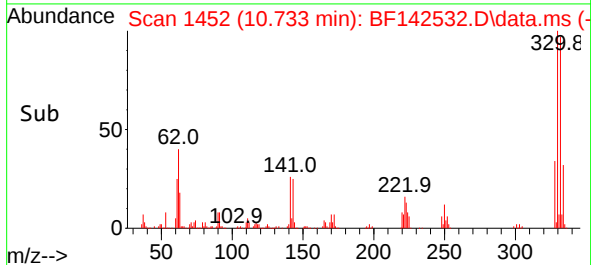
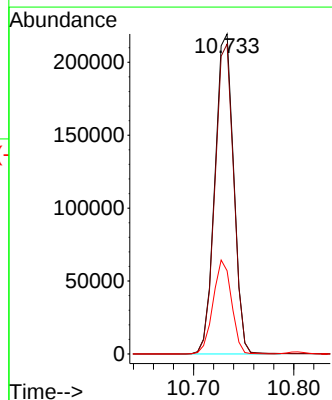
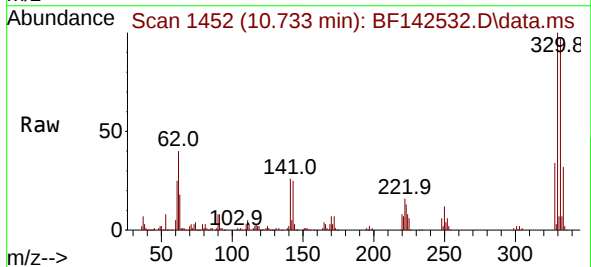
Instrument :
BNA_F
ClientSampleId :
TP-45MSD

Tgt Ion:237 Resp: 411222
Ion Ratio Lower Upper
237 100
235 63.4 43.3 83.3
272 13.1 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 102.913 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion:330 Resp: 284392
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 29.0 24.6 36.8

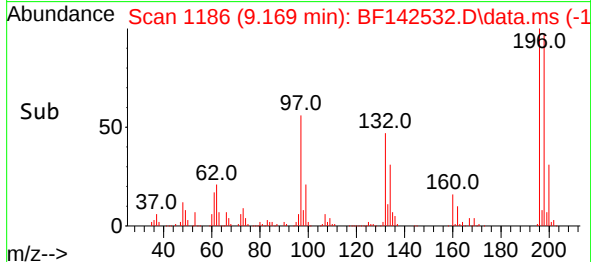
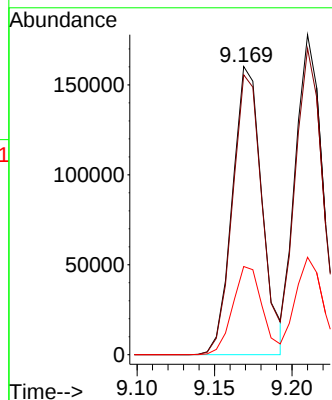
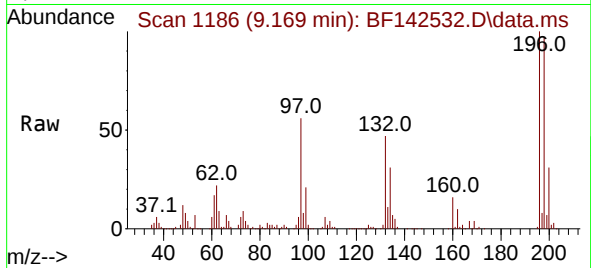




#43
2,4,6-Trichlorophenol
Concen: 44.173 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

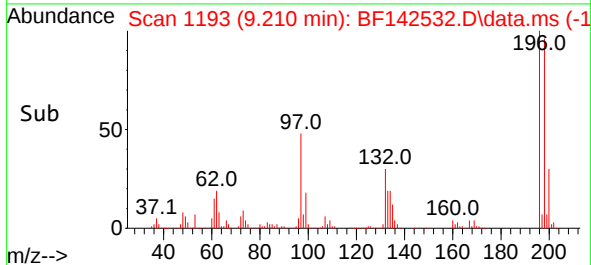
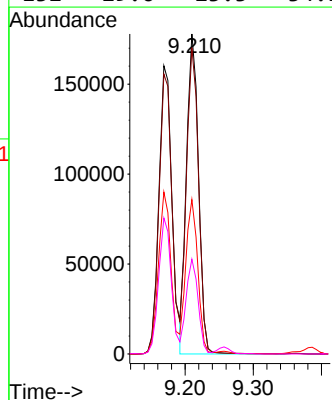
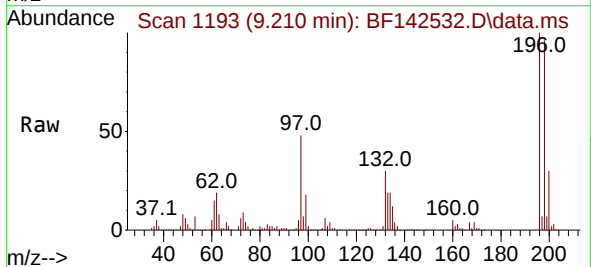
Instrument :
BNA_F
ClientSampleId :
TP-45MSD

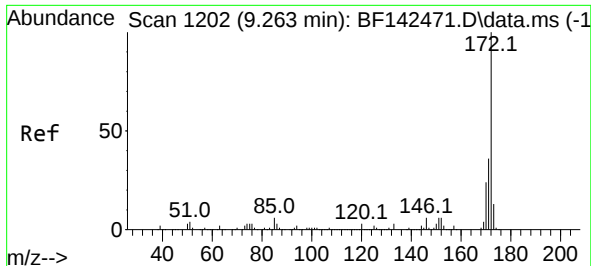
Tgt Ion:196 Resp: 212894
Ion Ratio Lower Upper
196 100
198 97.1 78.8 118.2
200 30.6 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 42.722 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion:196 Resp: 217153
Ion Ratio Lower Upper
196 100
198 95.7 75.5 113.3
97 48.3 39.3 58.9
132 29.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 58.350 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

TP-45MSD

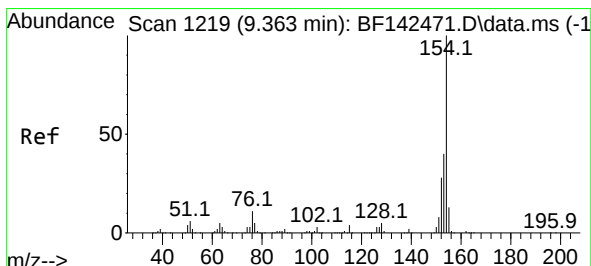
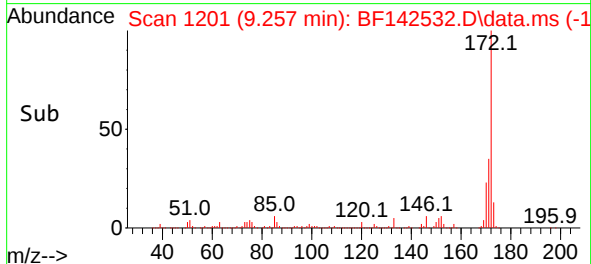
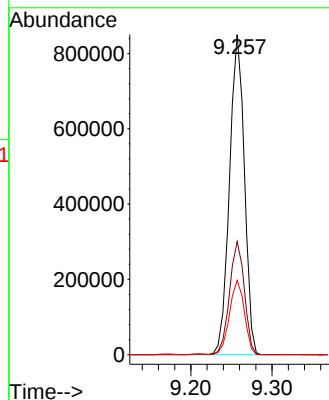
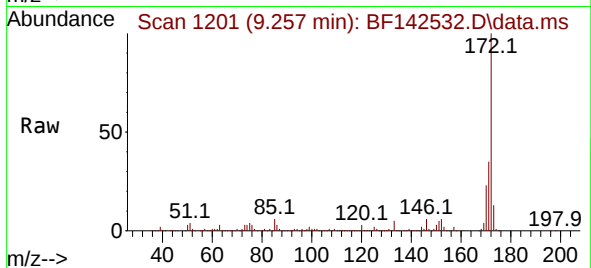
Tgt Ion:172 Resp: 1082706

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.2 18.9 28.3



#46

1,1'-Biphenyl

Concen: 42.372 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

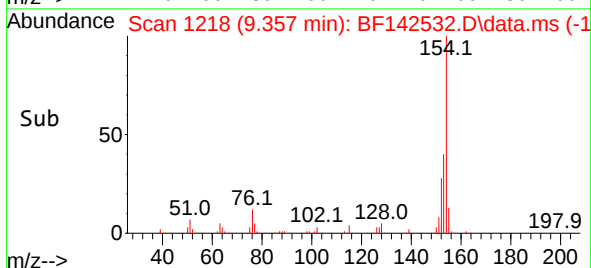
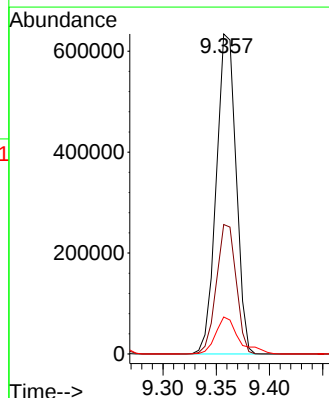
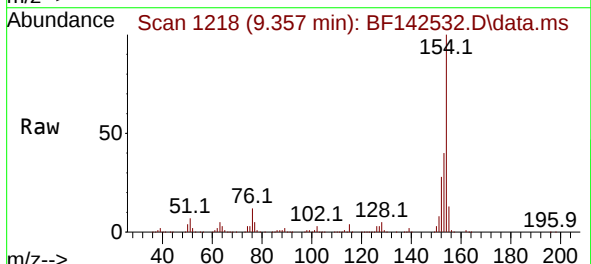
Tgt Ion:154 Resp: 818491

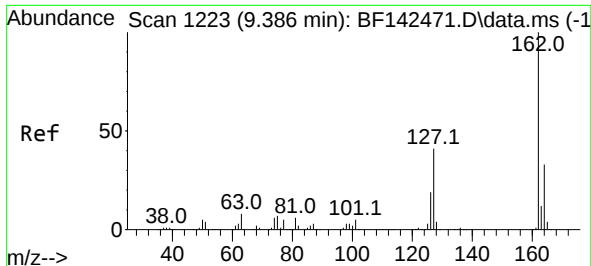
Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

76 11.5 0.0 30.8





#47

2-Chloronaphthalene

Concen: 42.827 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

TP-45MSD

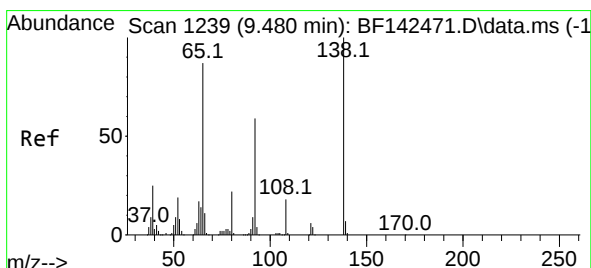
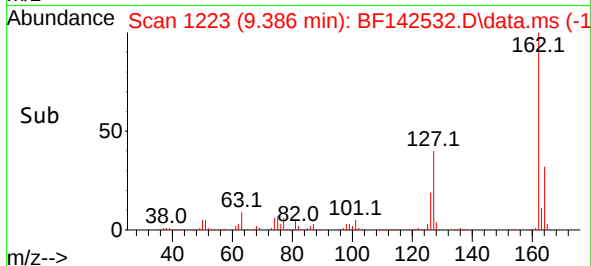
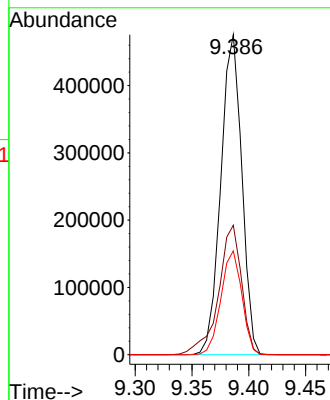
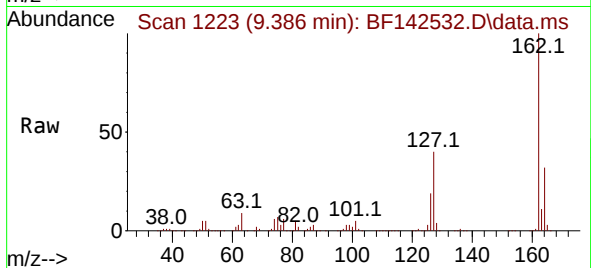
Tgt Ion:162 Resp: 611229

Ion Ratio Lower Upper

162 100

127 40.4 33.5 50.3

164 32.4 26.1 39.1



#48

2-Nitroaniline

Concen: 43.326 ng

RT: 9.481 min Scan# 1239

Delta R.T. -0.005 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

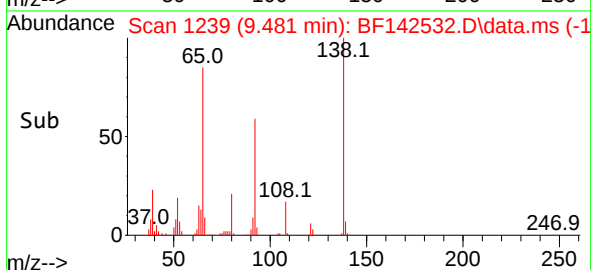
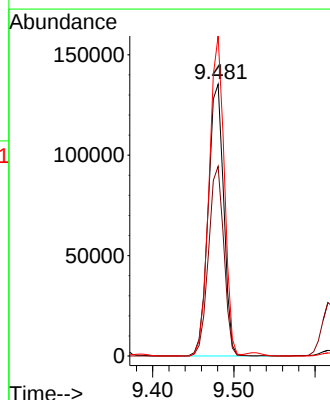
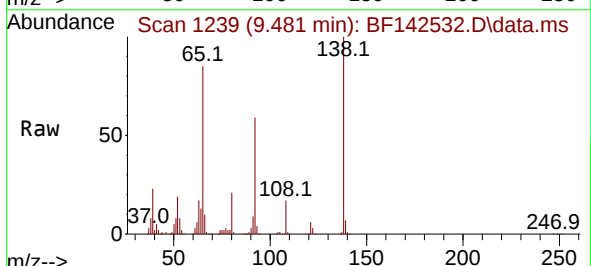
Tgt Ion: 65 Resp: 178729

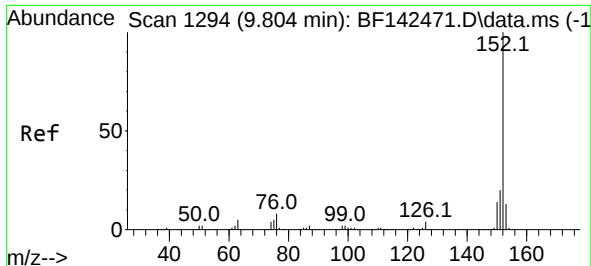
Ion Ratio Lower Upper

65 100

92 69.8 54.4 81.6

138 117.8 91.4 137.2





#49

Acenaphthylene

Concen: 41.970 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

TP-45MSD

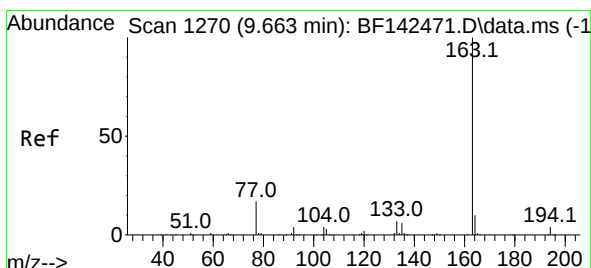
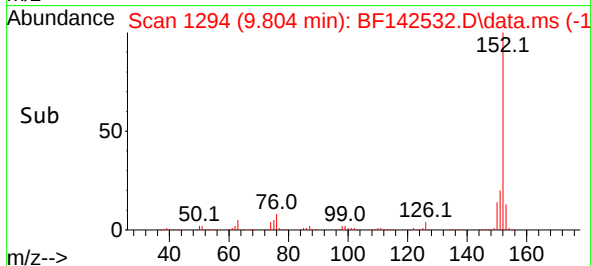
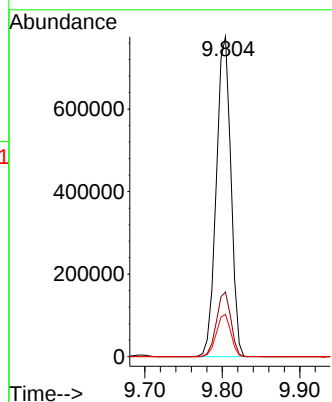
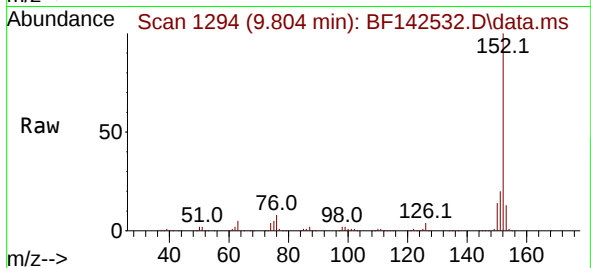
Tgt Ion:152 Resp: 1011442

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 42.783 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

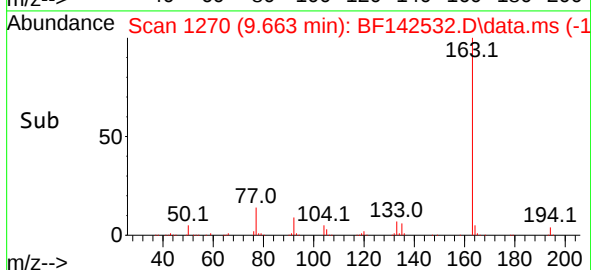
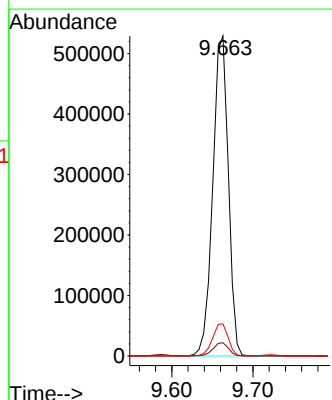
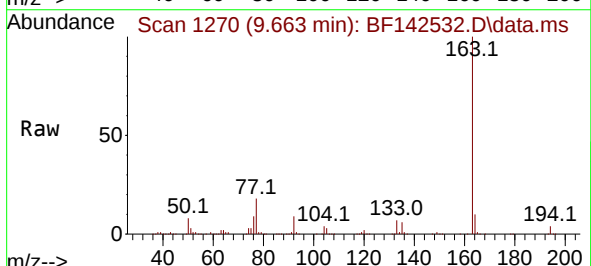
Tgt Ion:163 Resp: 702884

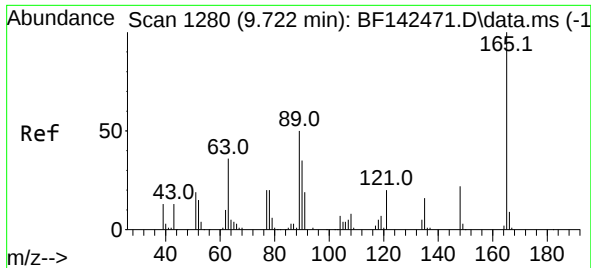
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.1 8.2 12.4

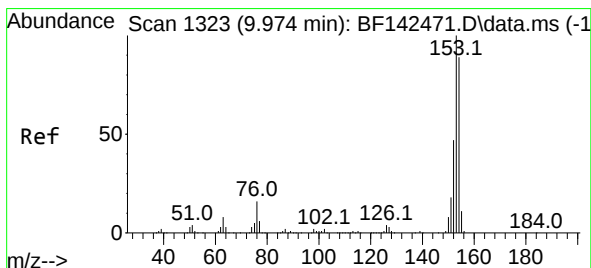
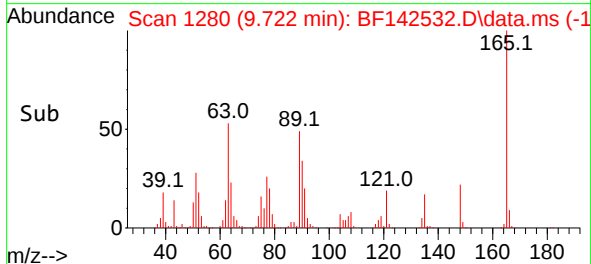
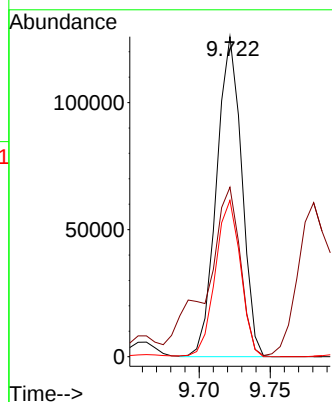
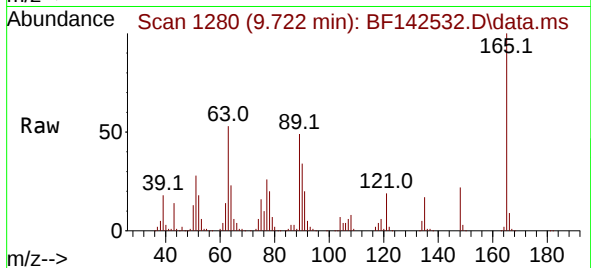




#51
2,6-Dinitrotoluene
Concen: 43.675 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

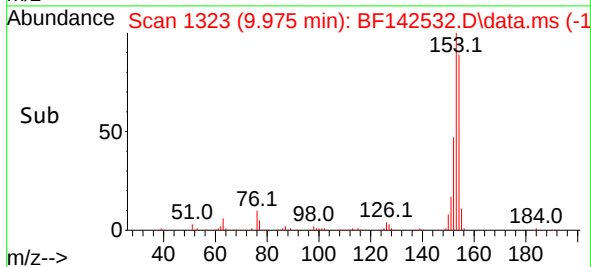
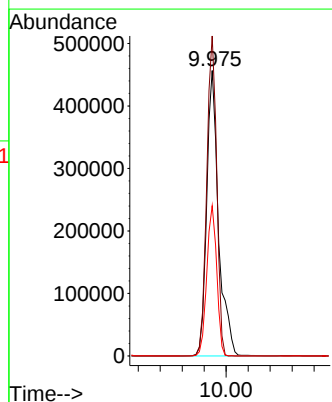
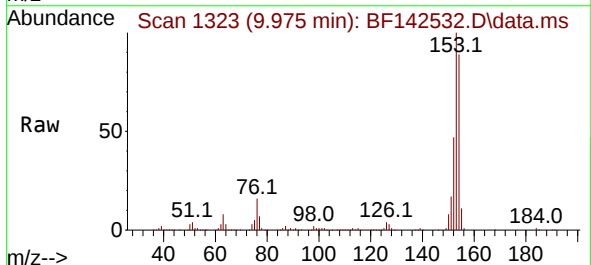
Instrument :
BNA_F
ClientSampleId :
TP-45MSD

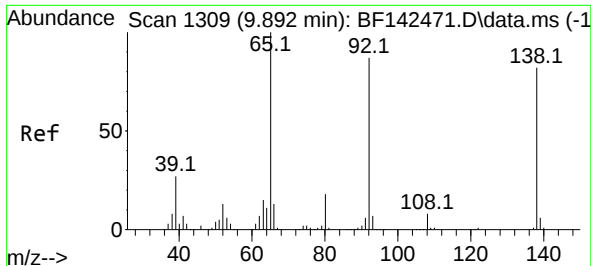
Tgt Ion:165 Resp: 154865
Ion Ratio Lower Upper
165 100
63 53.0 42.9 64.3
89 48.8 40.2 60.4



#52
Acenaphthene
Concen: 46.347 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion:154 Resp: 682029
Ion Ratio Lower Upper
154 100
153 112.1 90.0 135.0
152 52.6 42.6 64.0

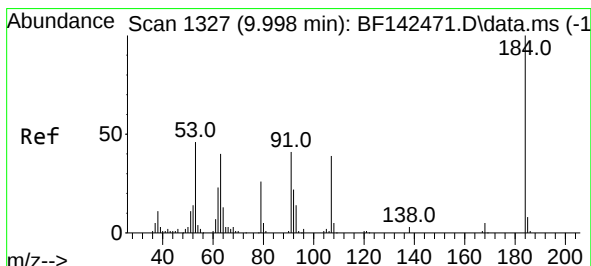
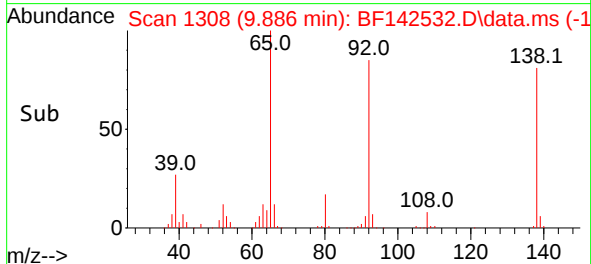
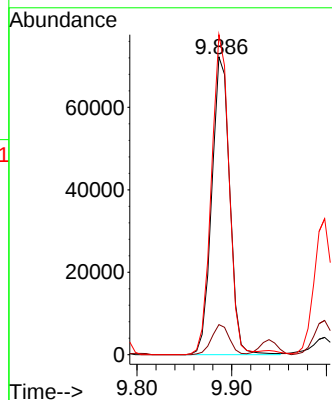
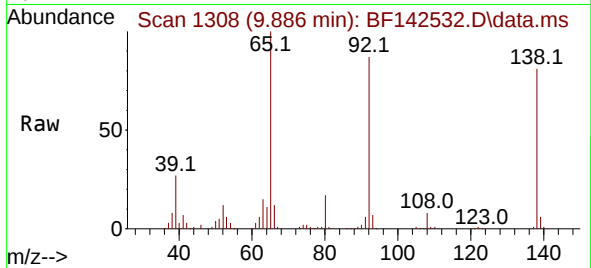




#53
3-Nitroaniline
Concen: 24.550 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

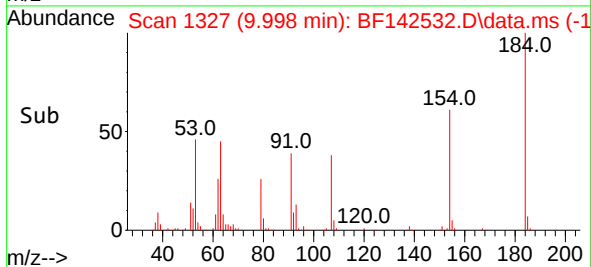
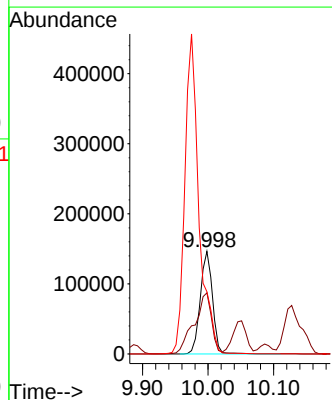
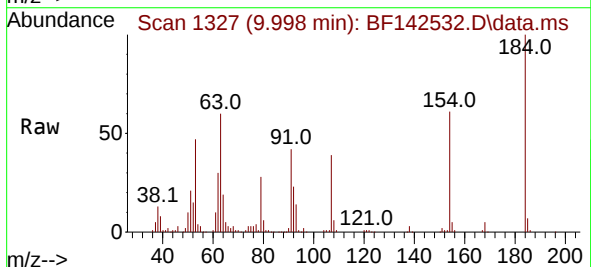
Instrument :
BNA_F
ClientSampleId :
TP-45MSD

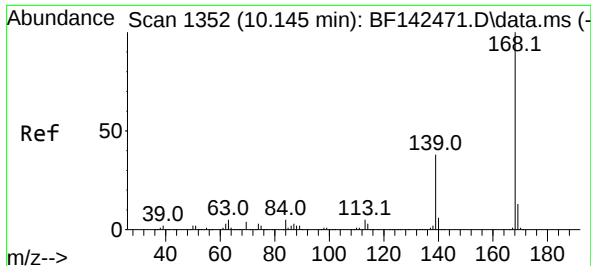
Tgt Ion:138 Resp: 95079
Ion Ratio Lower Upper
138 100
108 10.1 8.1 12.1
92 107.5 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 103.665 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion:184 Resp: 189908
Ion Ratio Lower Upper
184 100
63 59.6 46.3 69.5
154 60.7 56.8 85.2

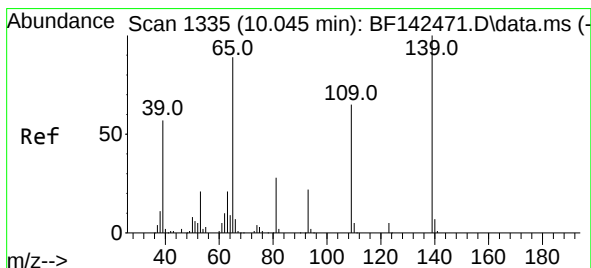
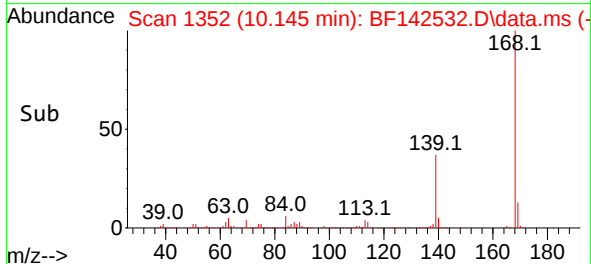
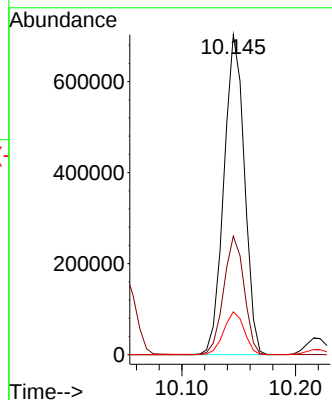
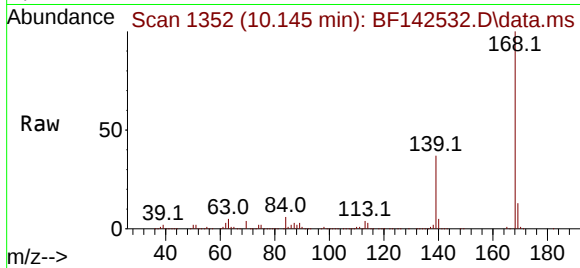




#55
Dibenzofuran
Concen: 41.710 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

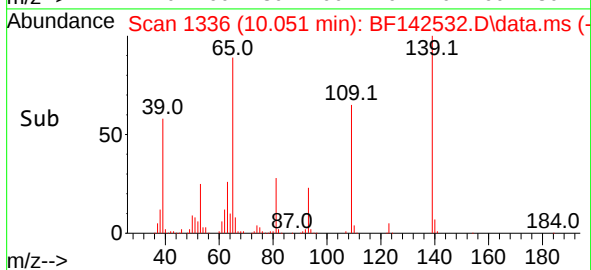
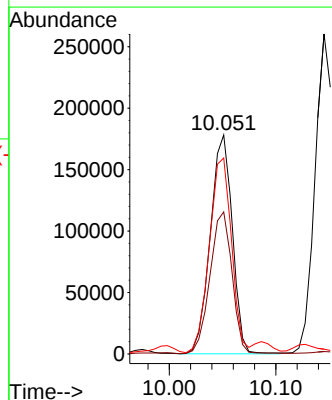
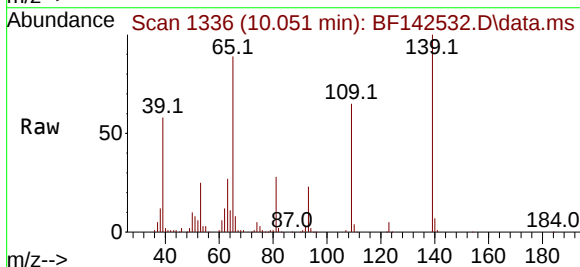
Instrument :
BNA_F
ClientSampleId :
TP-45MSD

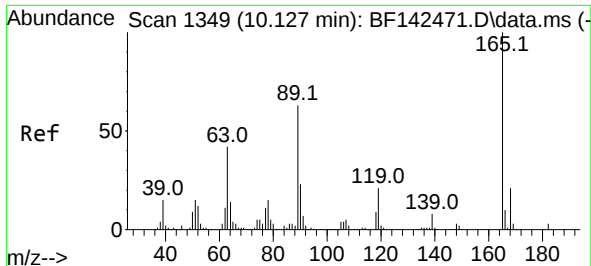
Tgt Ion:168 Resp: 883252
Ion Ratio Lower Upper
168 100
139 37.1 30.2 45.2
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 89.319 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

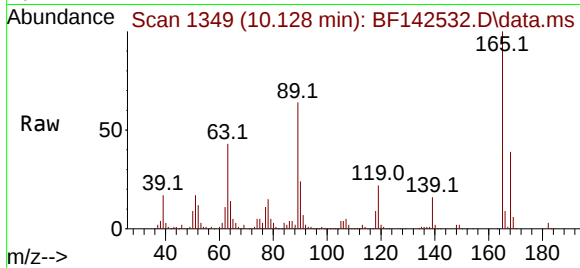
Tgt Ion:139 Resp: 255242
Ion Ratio Lower Upper
139 100
109 64.8 45.1 85.1
65 89.5 69.7 109.7



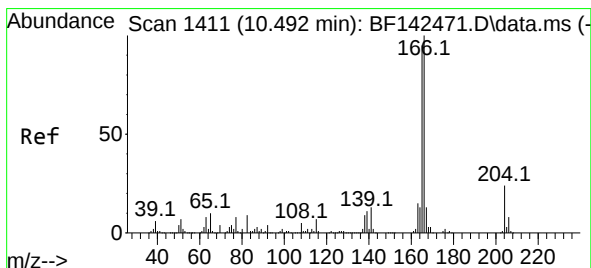
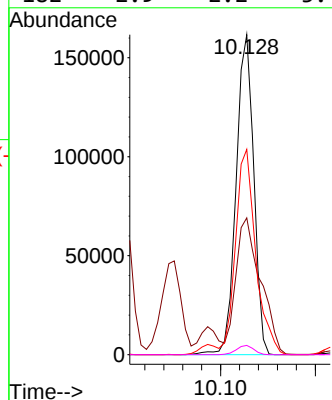
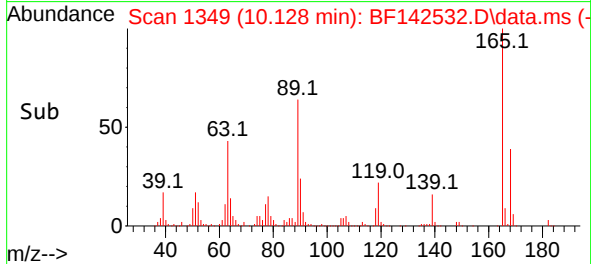


#57
2,4-Dinitrotoluene
Concen: 44.998 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

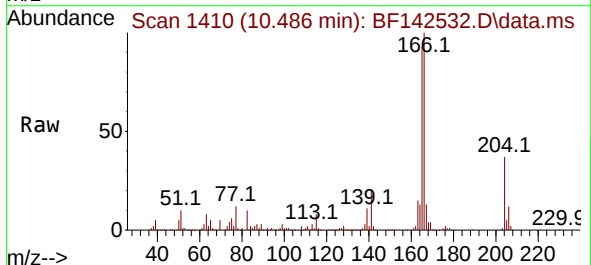
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



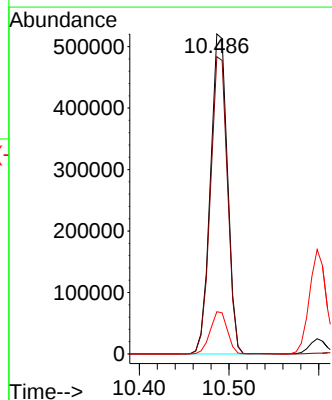
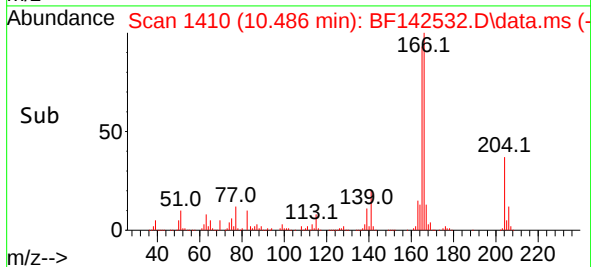
Tgt Ion:165 Resp: 208376
Ion Ratio Lower Upper
165 100
63 42.8 33.6 50.4
89 64.2 50.2 75.4
182 2.9 2.2 3.4



#58
Fluorene
Concen: 41.940 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41



Tgt Ion:166 Resp: 686117
Ion Ratio Lower Upper
166 100
165 92.9 75.8 113.8
167 13.2 10.6 16.0

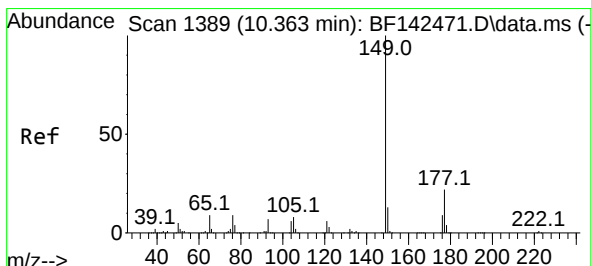
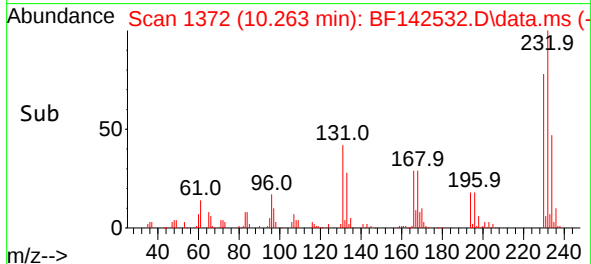
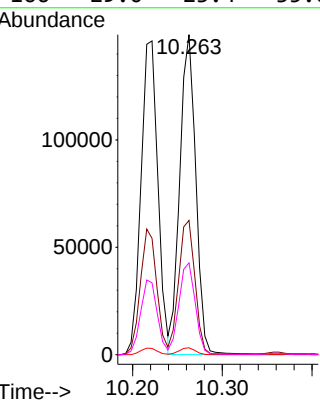
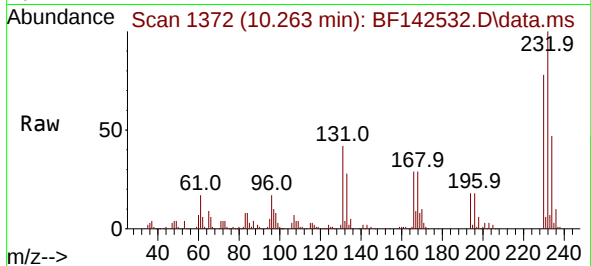




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.474 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

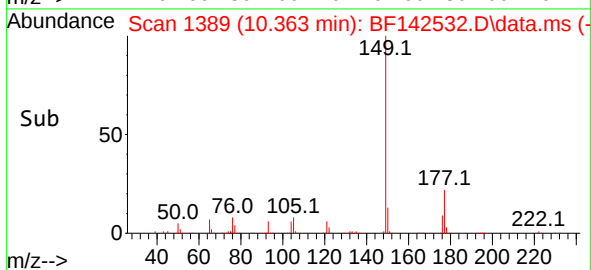
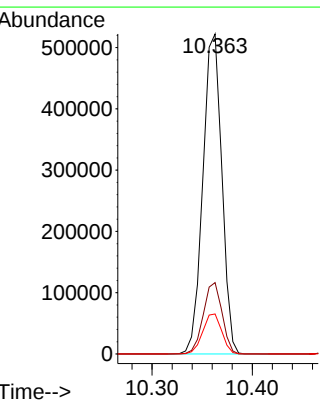
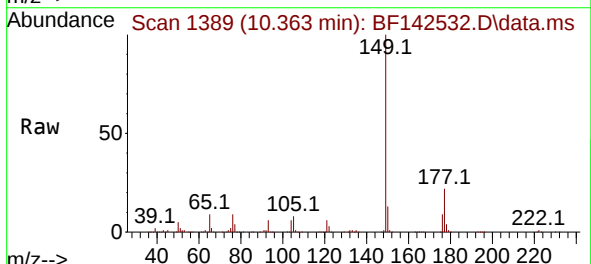
Instrument :
BNA_F
ClientSampleId :
TP-45MSD

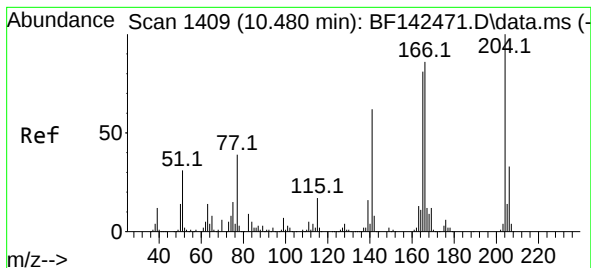
Tgt Ion:232 Resp: 184473
Ion Ratio Lower Upper
232 100
131 43.2 35.2 52.8
130 2.2 1.7 2.5
166 29.0 23.4 35.0



#60
Diethylphthalate
Concen: 42.747 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion:149 Resp: 685883
Ion Ratio Lower Upper
149 100
177 22.3 17.6 26.4
150 12.5 10.1 15.1

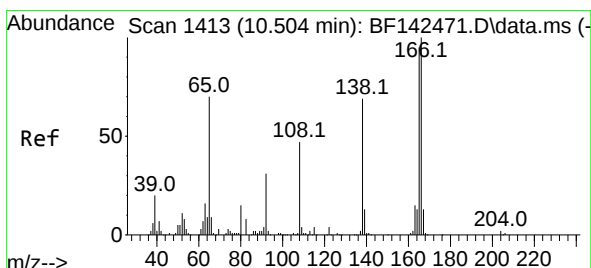
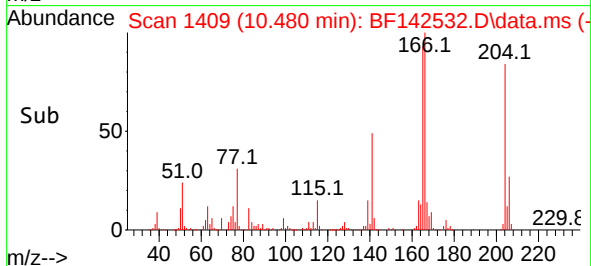
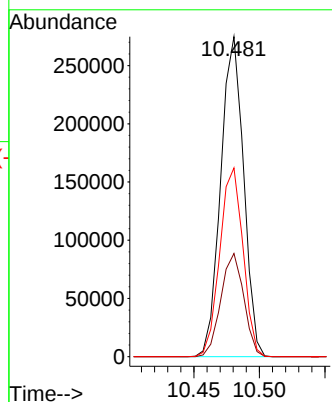
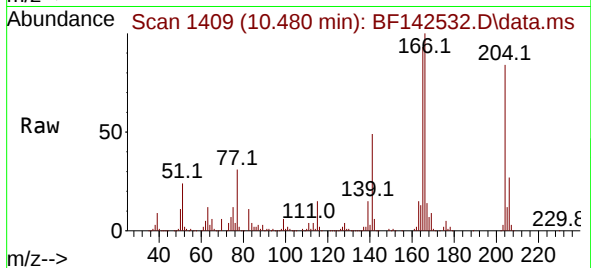




#61
4-Chlorophenyl-phenylether
Concen: 41.469 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

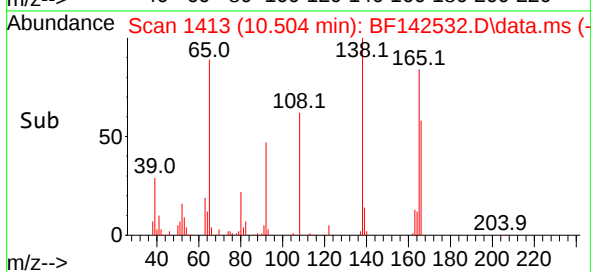
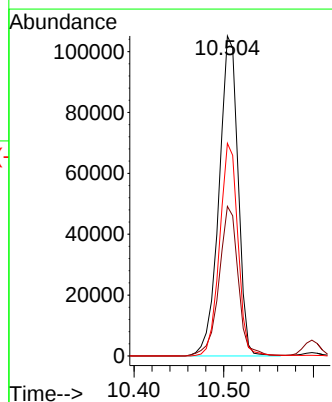
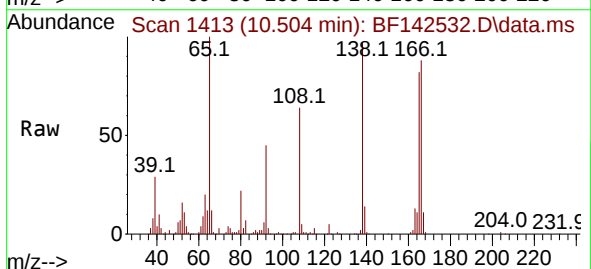
Instrument :
BNA_F
ClientSampleId :
TP-45MSD

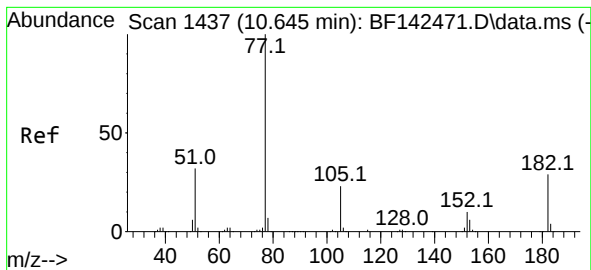
Tgt Ion:204 Resp: 333266
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 59.0 49.5 74.3



#62
4-Nitroaniline
Concen: 44.085 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion:138 Resp: 154852
Ion Ratio Lower Upper
138 100
92 46.7 26.0 66.0
108 66.5 48.4 88.4



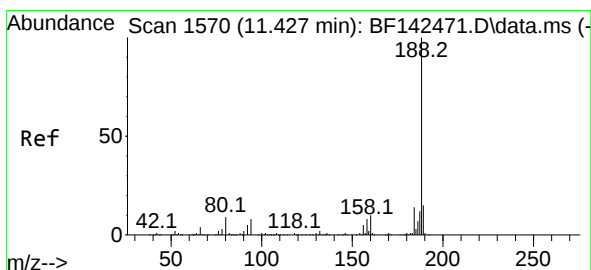
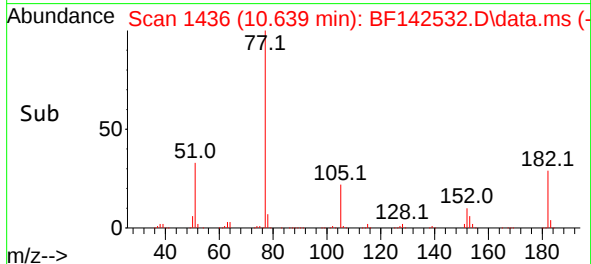
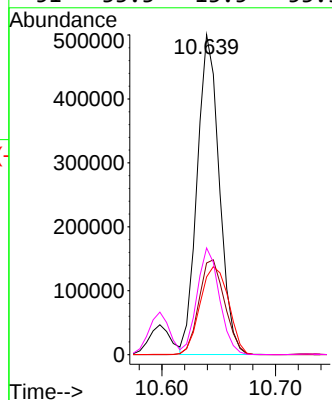
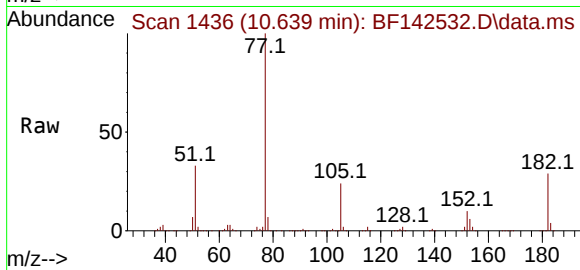


#63
 Azobenzene
 Concen: 46.958 ng
 RT: 10.639 min Scan# 1436
 Delta R.T. -0.006 min
 Lab File: BF142532.D
 Acq: 23 May 2025 13:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-45MSD

Tgt Ion: 77 Resp: 676743

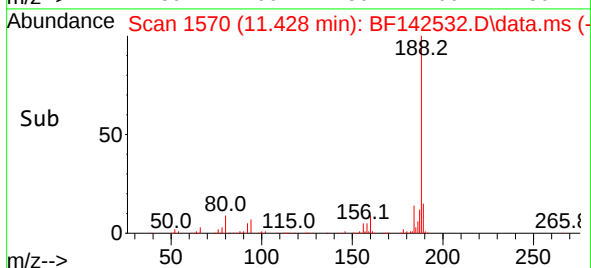
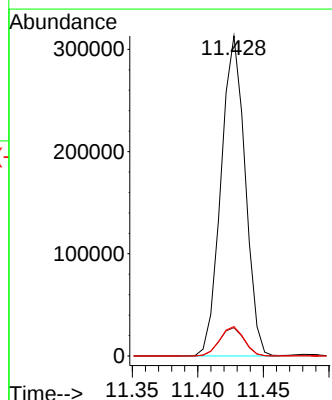
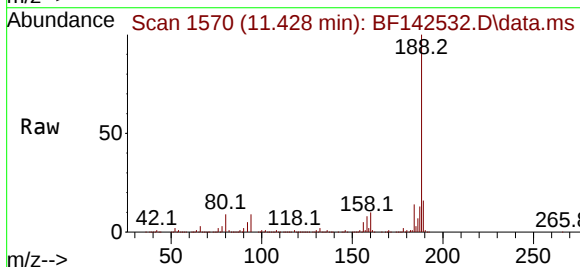
Ion	Ratio	Lower	Upper
77	100		
182	28.7	9.0	49.0
105	24.3	2.4	42.4
51	33.3	13.5	53.5

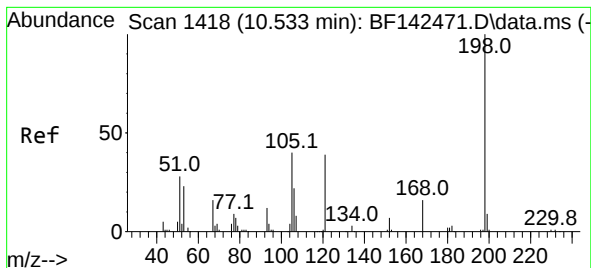


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.428 min Scan# 1570
 Delta R.T. -0.006 min
 Lab File: BF142532.D
 Acq: 23 May 2025 13:41

Tgt Ion: 188 Resp: 400587

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.6	10.0
80	9.2	7.4	11.0

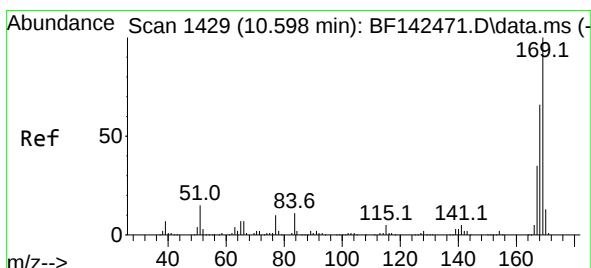
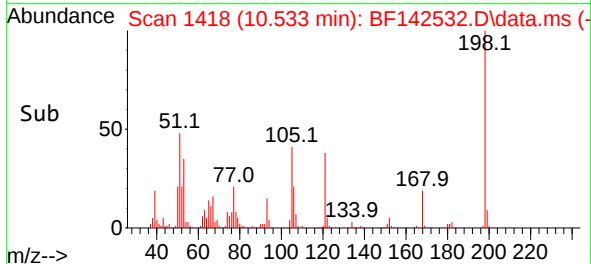
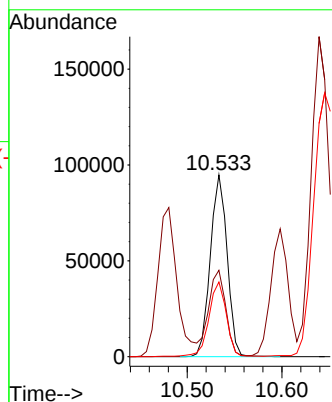
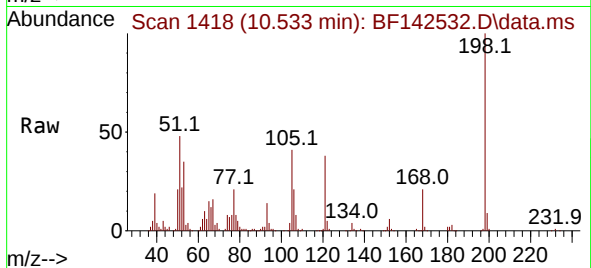




#65
4,6-Dinitro-2-methylphenol
Concen: 52.172 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

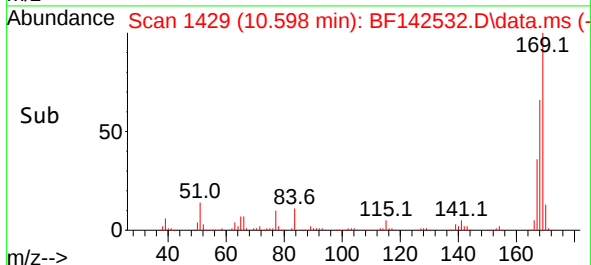
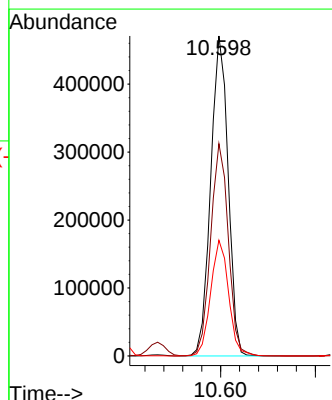
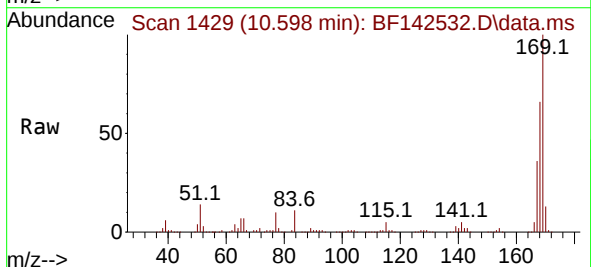
Instrument :
BNA_F
ClientSampleId :
TP-45MSD

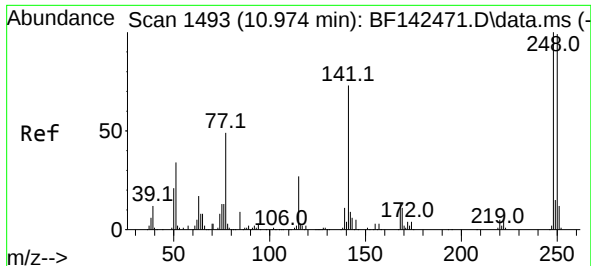
Tgt Ion:198 Resp: 116634
Ion Ratio Lower Upper
198 100
51 47.6 28.3 68.3
105 41.1 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 43.753 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion:169 Resp: 599635
Ion Ratio Lower Upper
169 100
168 66.4 52.7 79.1
167 36.1 28.3 42.5

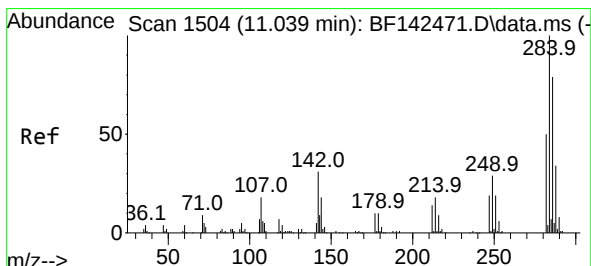
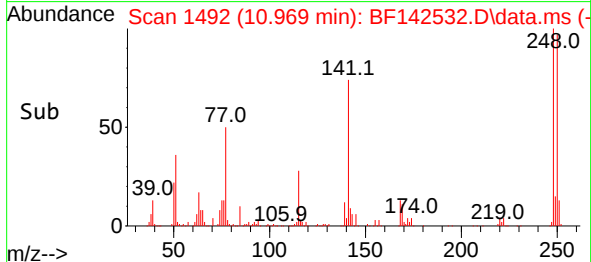
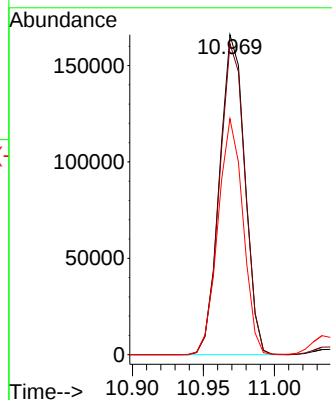
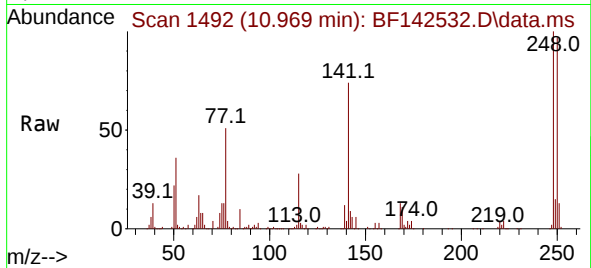




#67
4-Bromophenyl-phenylether
Concen: 43.535 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

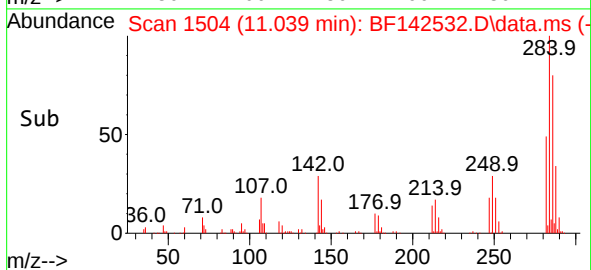
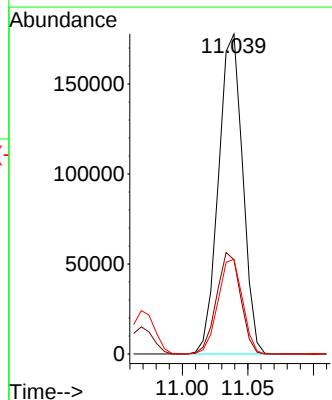
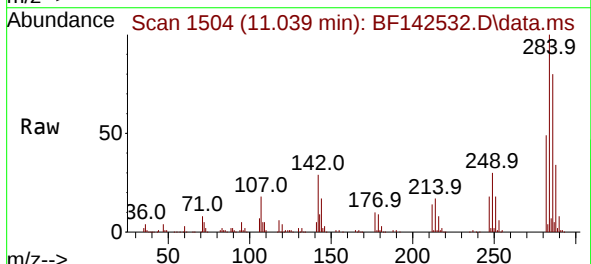
Instrument :
BNA_F
ClientSampleId :
TP-45MSD

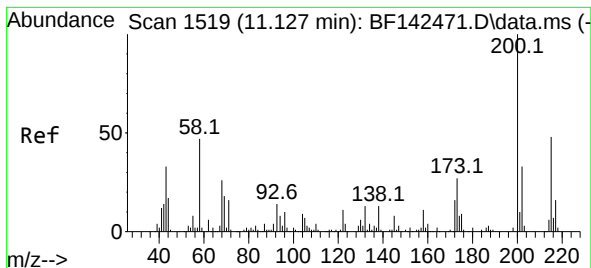
Tgt Ion:248 Resp: 206212
Ion Ratio Lower Upper
248 100
250 97.2 79.0 118.4
141 73.7 58.4 87.6



#68
Hexachlorobenzene
Concen: 43.559 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion:284 Resp: 228199
Ion Ratio Lower Upper
284 100
142 29.5 24.8 37.2
249 29.6 23.6 35.4





#69

Atrazine

Concen: 47.924 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.005 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

TP-45MSD

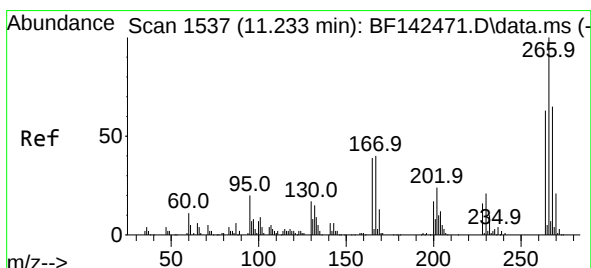
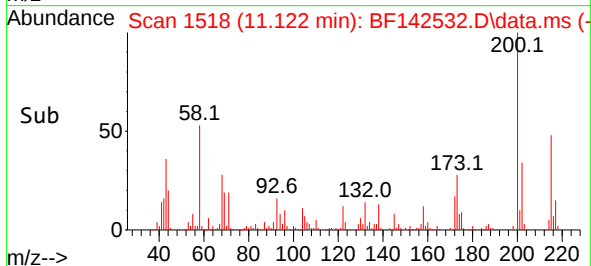
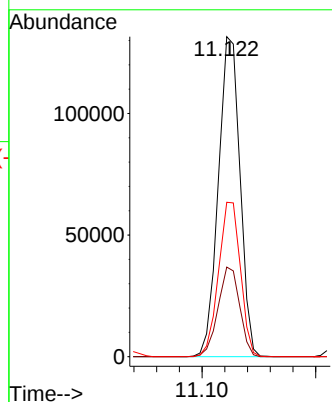
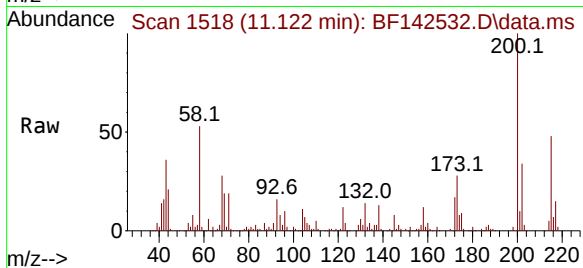
Tgt Ion:200 Resp: 174427

Ion Ratio Lower Upper

200 100

173 28.0 7.4 47.4

215 48.3 28.5 68.5



#70

Pentachlorophenol

Concen: 91.158 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

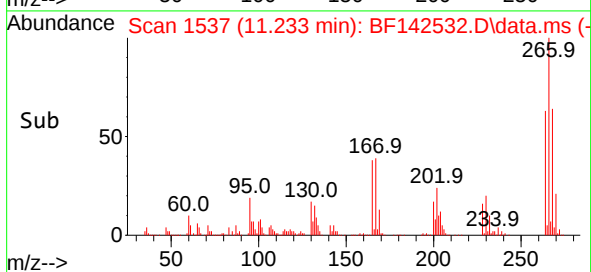
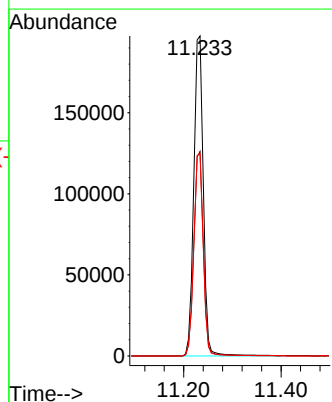
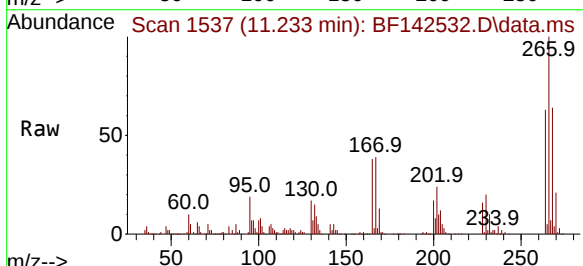
Tgt Ion:266 Resp: 269625

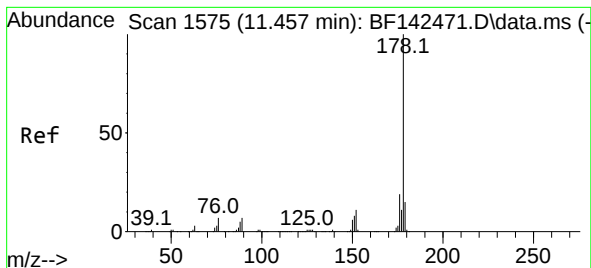
Ion Ratio Lower Upper

266 100

268 63.9 51.7 77.5

264 63.1 50.4 75.6





#71

Phenanthrene

Concen: 43.049 ng

RT: 11.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

TP-45MSD

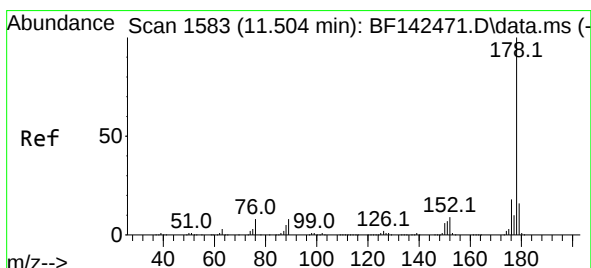
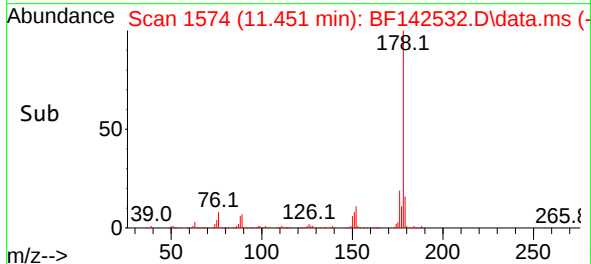
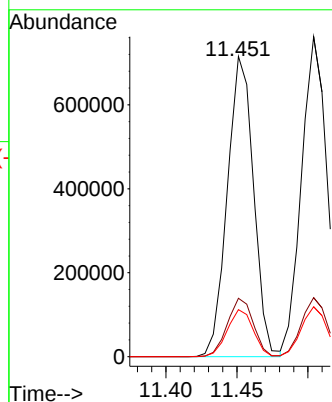
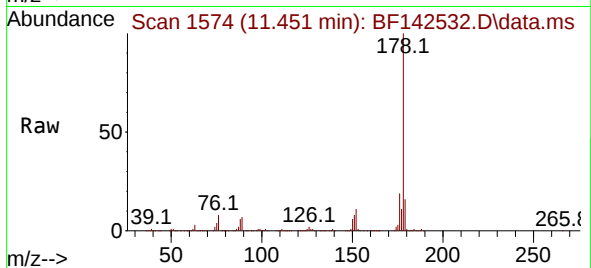
Tgt Ion:178 Resp: 921600

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.7 12.3 18.5



#72

Anthracene

Concen: 43.424 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

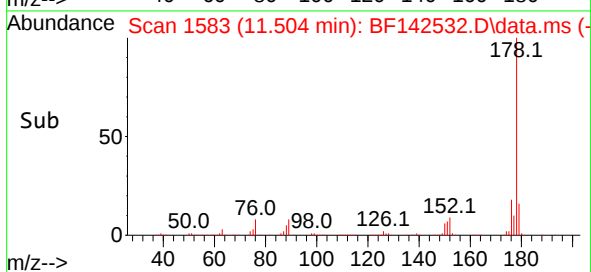
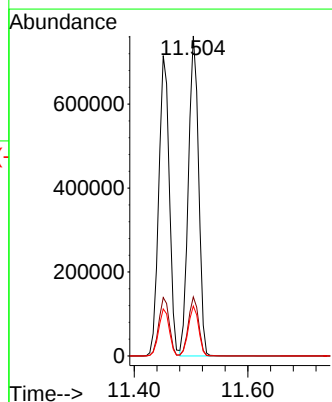
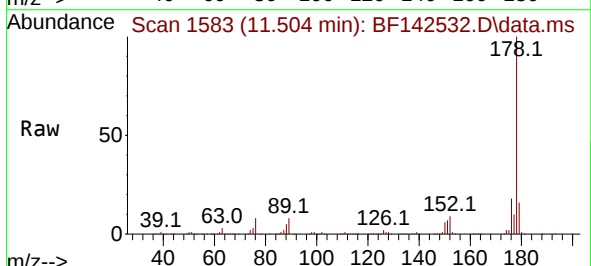
Tgt Ion:178 Resp: 948760

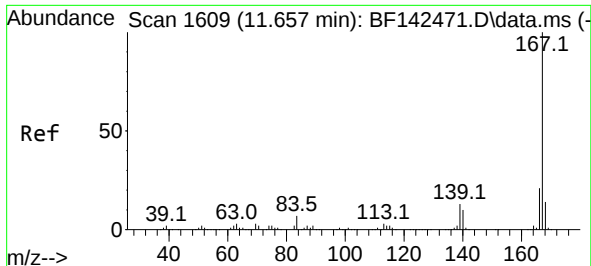
Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

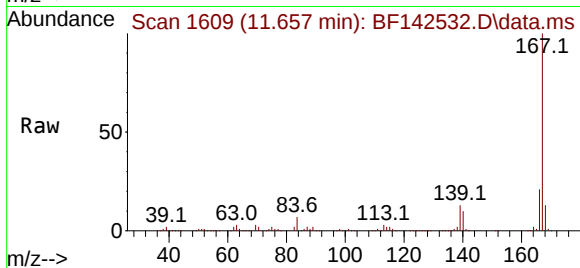
179 15.6 12.4 18.6



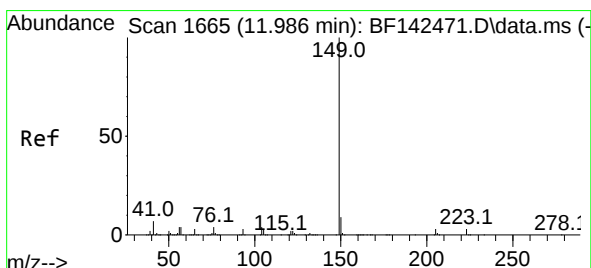
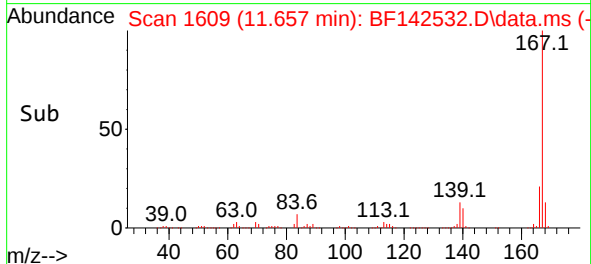
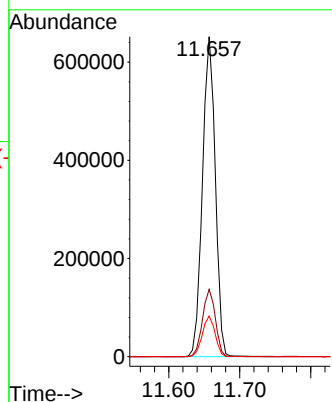


#73
 Carbazole
 Concen: 44.060 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142532.D
 Acq: 23 May 2025 13:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-45MSD

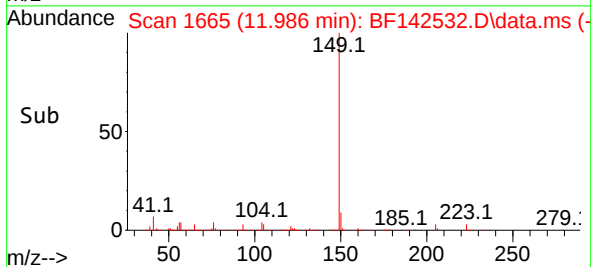
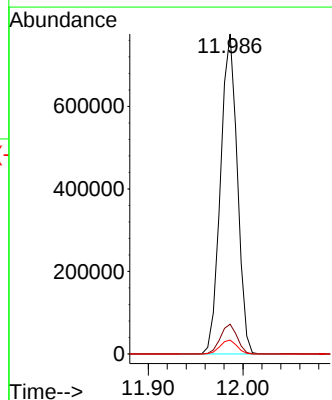
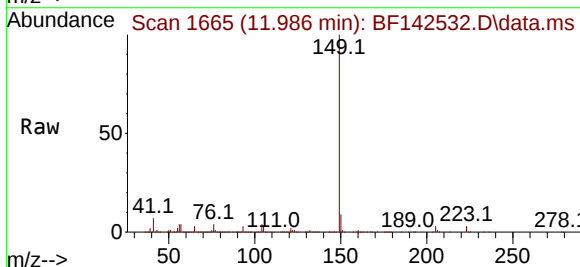


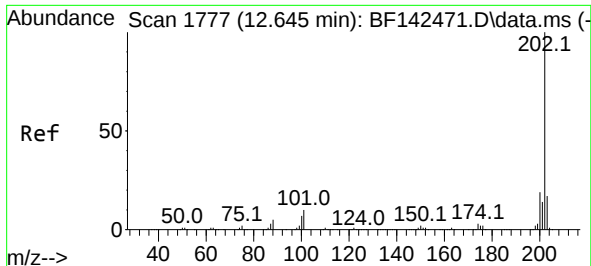
Tgt Ion:167 Resp: 822959
 Ion Ratio Lower Upper
 167 100
 166 21.0 16.9 25.3
 139 12.7 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 46.731 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142532.D
 Acq: 23 May 2025 13:41

Tgt Ion:149 Resp: 955418
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.4 3.6 5.4

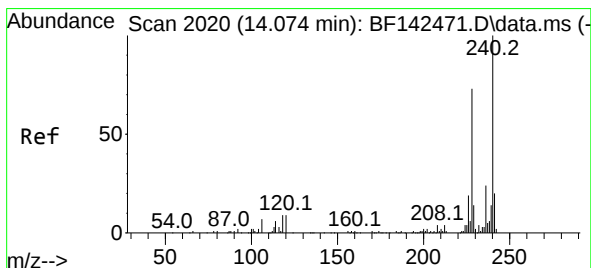
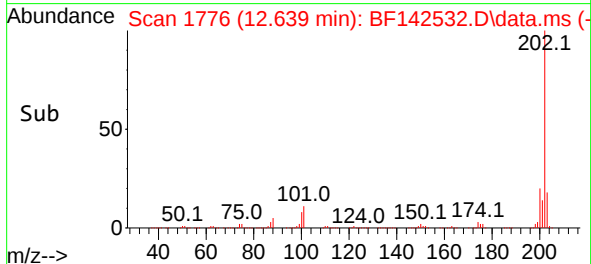
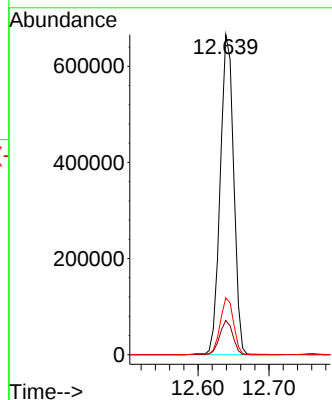
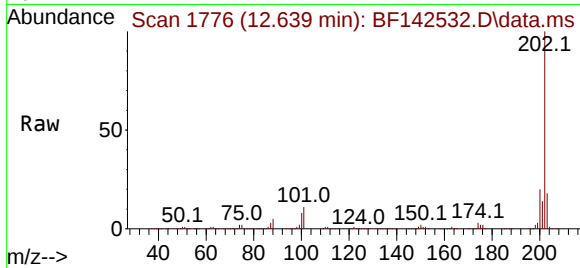




#75
Fluoranthene
Concen: 43.541 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

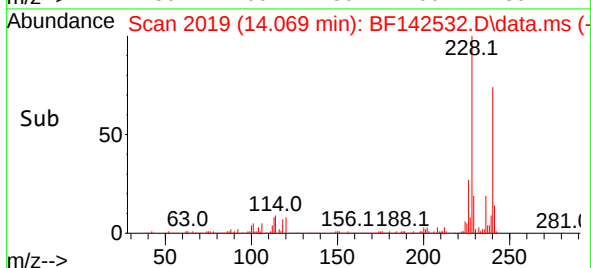
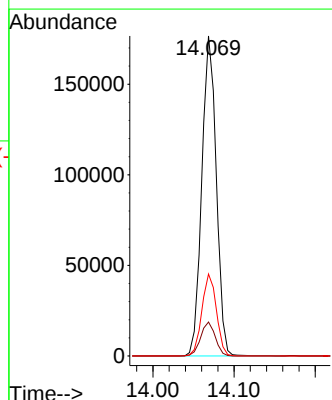
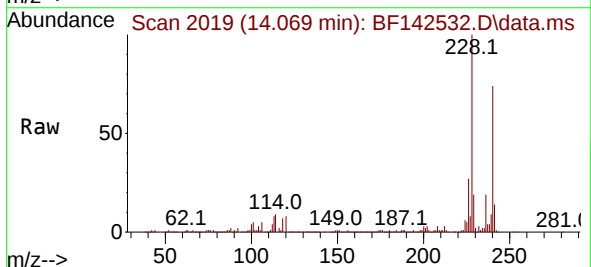
Instrument :
BNA_F
ClientSampleId :
TP-45MSD

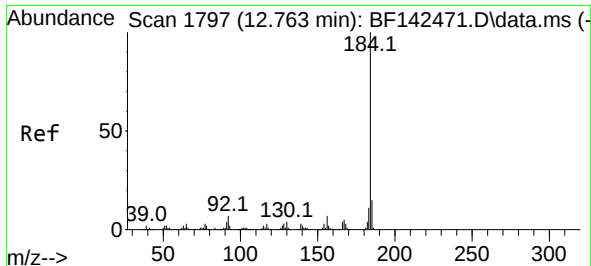
Tgt Ion:202 Resp: 870987
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.6
203 17.8 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion:240 Resp: 218790
Ion Ratio Lower Upper
240 100
120 10.6 7.5 11.3
236 25.6 19.6 29.4

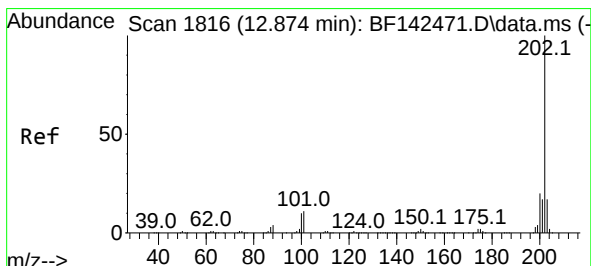
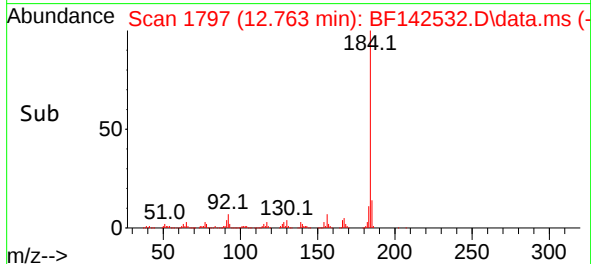
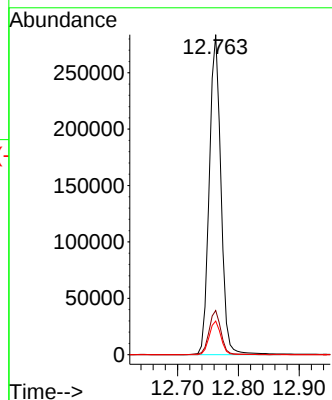
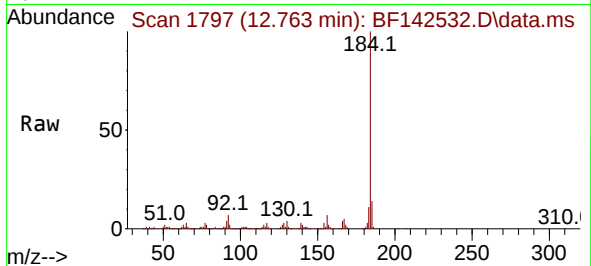




#77
Benzidine
Concen: 46.379 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

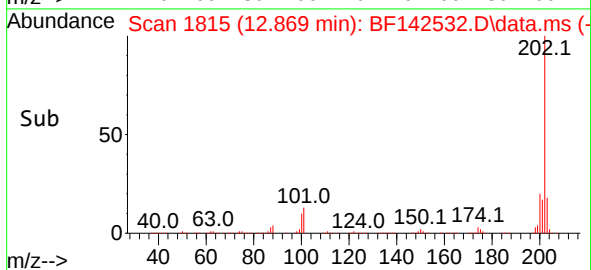
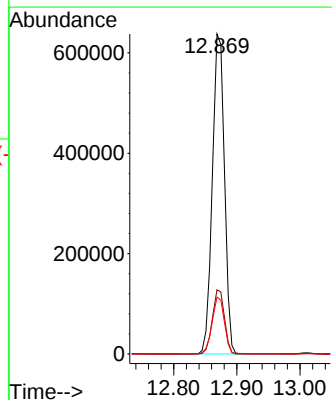
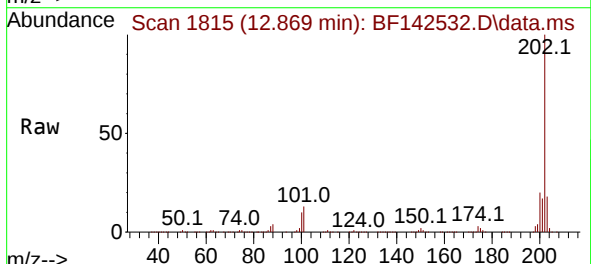
Instrument :
BNA_F
ClientSampleId :
TP-45MSD

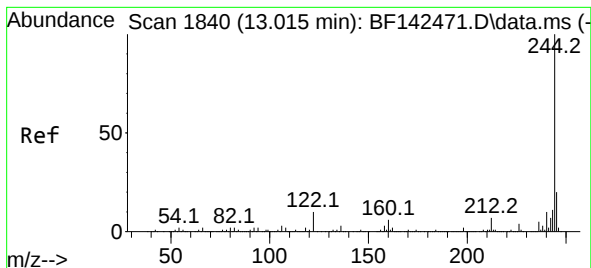
Tgt Ion:184 Resp: 377613
Ion Ratio Lower Upper
184 100
185 13.8 11.6 17.4
183 10.5 9.0 13.4



#78
Pyrene
Concen: 41.571 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion:202 Resp: 848467
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 55.777 ng

RT: 13.010 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

TP-45MSD

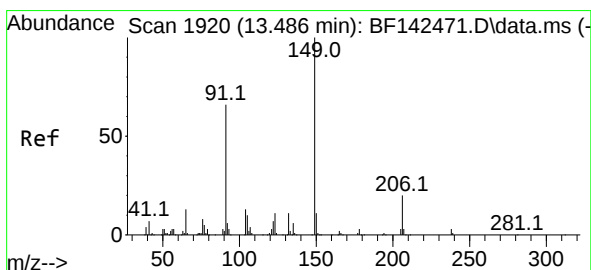
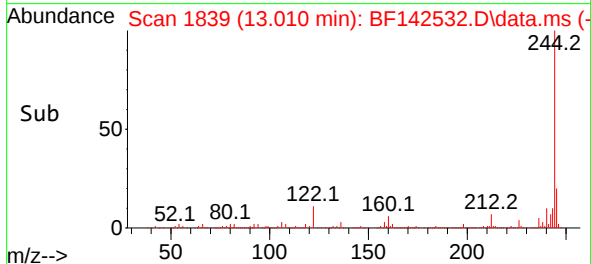
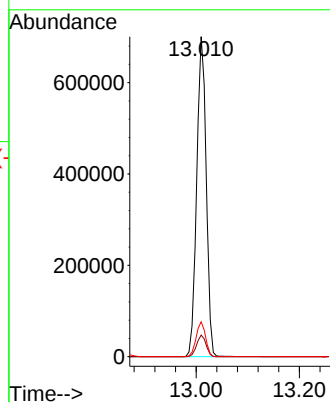
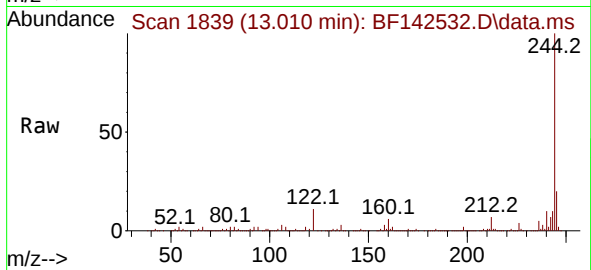
Tgt Ion:244 Resp: 893011

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 10.9 8.2 12.2



#80

Butylbenzylphthalate

Concen: 52.067 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

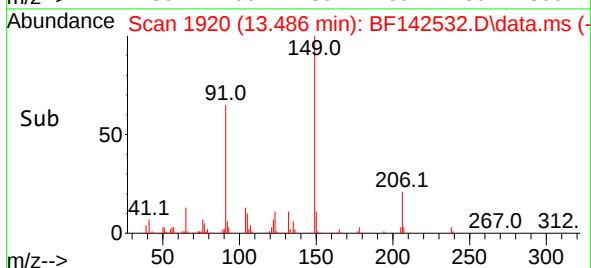
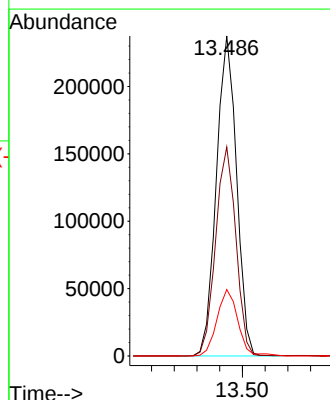
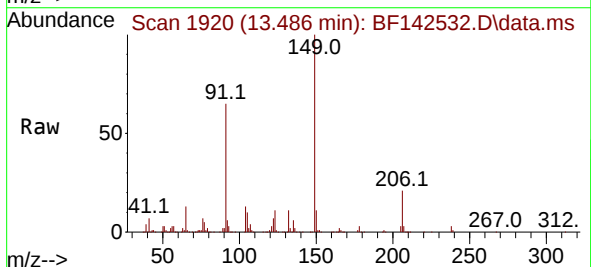
Tgt Ion:149 Resp: 293638

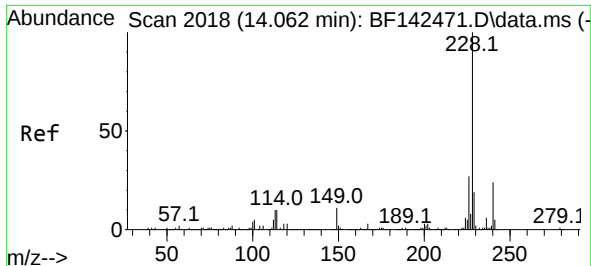
Ion Ratio Lower Upper

149 100

91 65.3 52.9 79.3

206 20.7 16.2 24.2

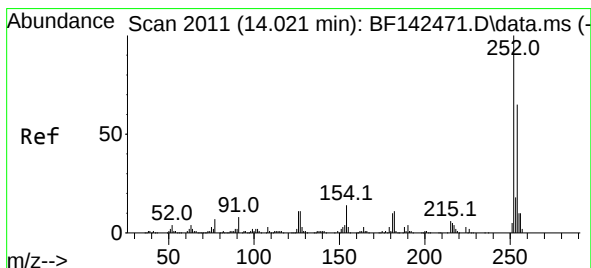
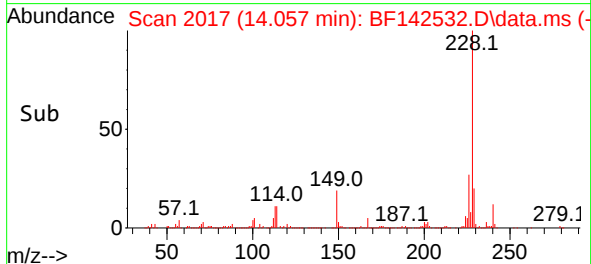
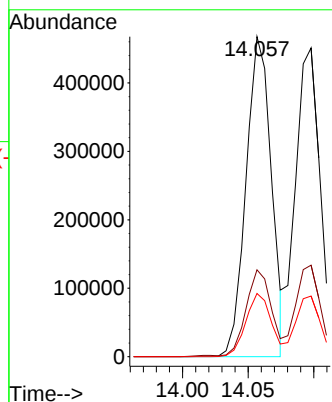
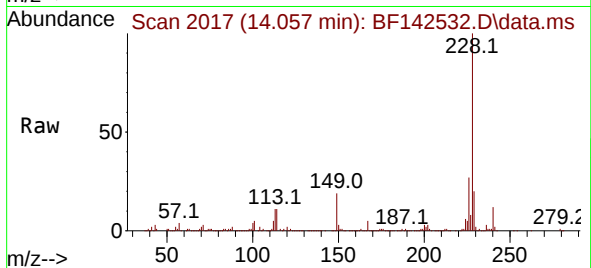




#81
Benzo(a)anthracene
Concen: 42.929 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

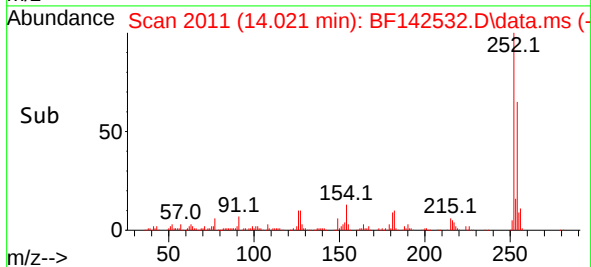
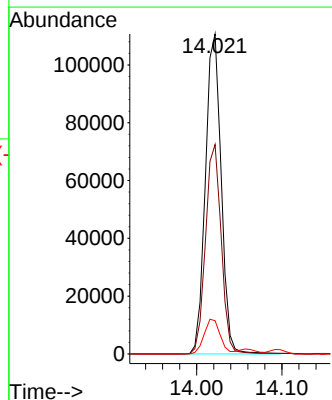
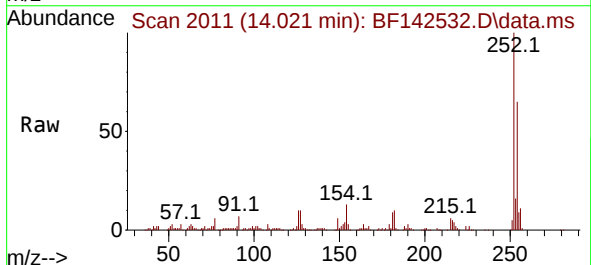
Instrument :
BNA_F
ClientSampleId :
TP-45MSD

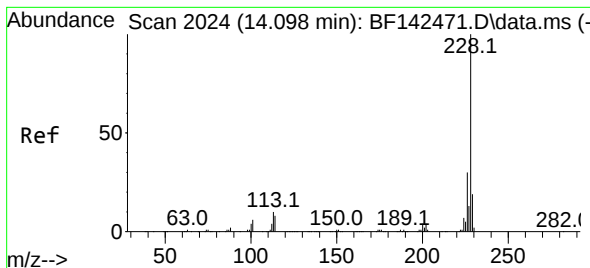
Tgt Ion:228 Resp: 627185
Ion Ratio Lower Upper
228 100
226 27.1 21.2 31.8
229 19.7 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 32.155 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion:252 Resp: 142487
Ion Ratio Lower Upper
252 100
254 65.5 52.0 78.0
126 10.4 8.9 13.3





#83

Chrysene

Concen: 44.819 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

TP-45MSD

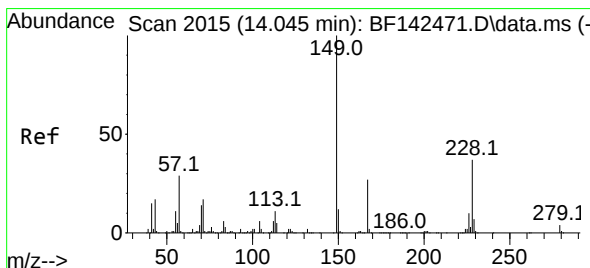
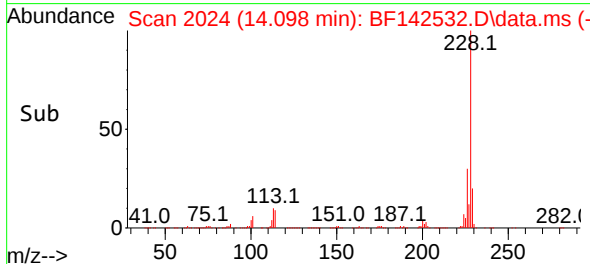
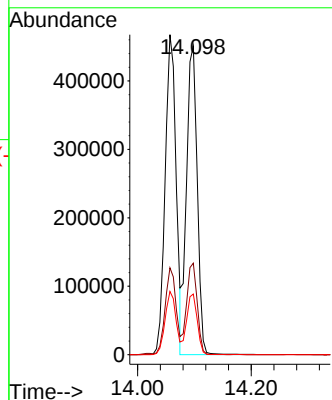
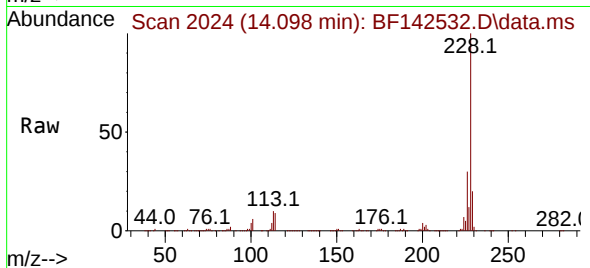
Tgt Ion:228 Resp: 588371

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

229 19.7 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.701 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

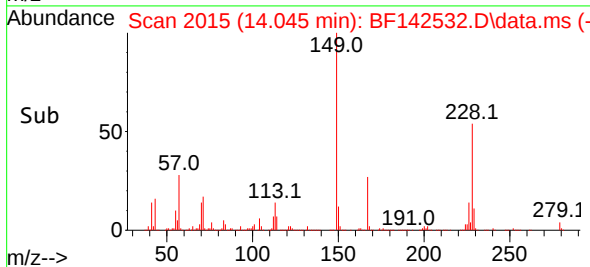
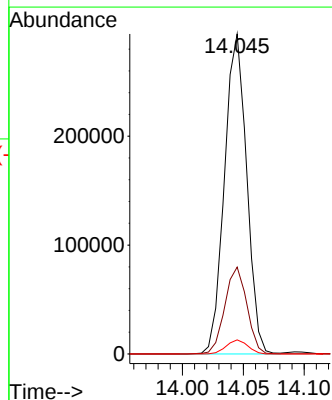
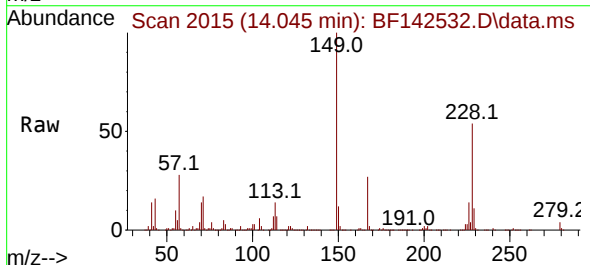
Tgt Ion:149 Resp: 373256

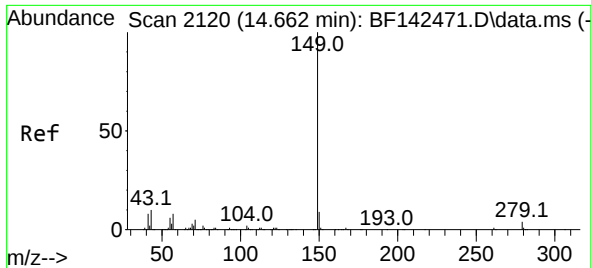
Ion Ratio Lower Upper

149 100

167 27.2 21.5 32.3

279 4.4 3.2 4.8

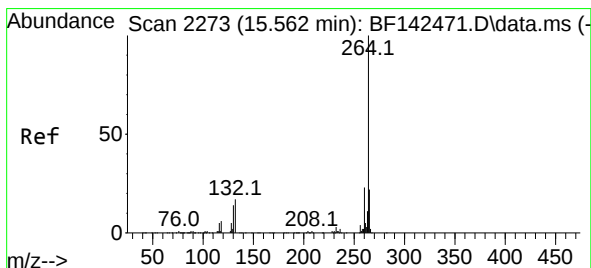
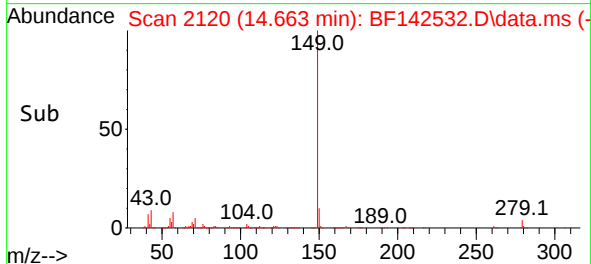
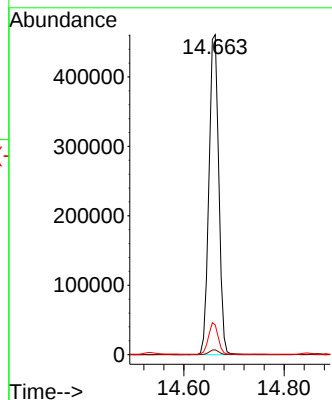
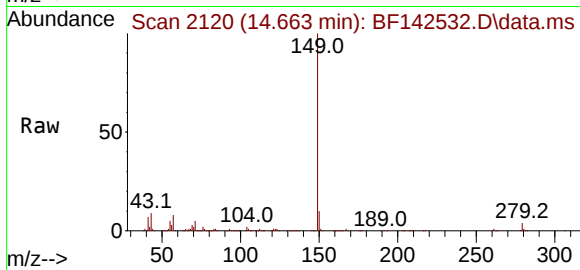




#85
Di-n-octyl phthalate
Concen: 44.461 ng
RT: 14.663 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

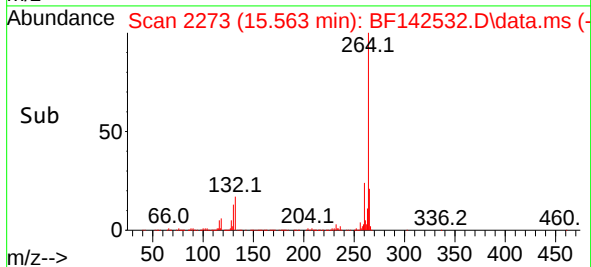
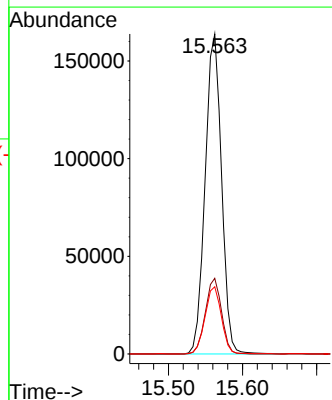
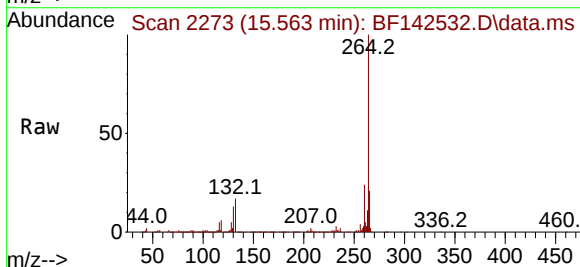
Instrument :
BNA_F
ClientSampleId :
TP-45MSD

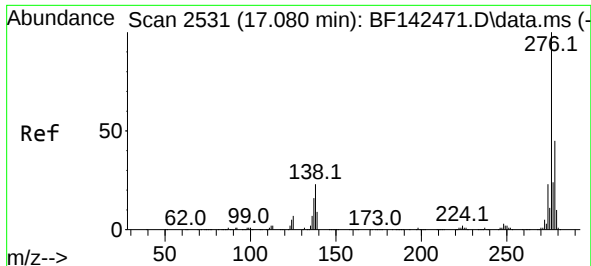
Tgt Ion:149 Resp: 627635
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.6 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

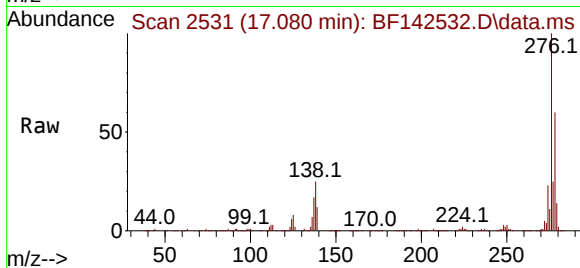
Tgt Ion:264 Resp: 251763
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.0 17.7 26.5



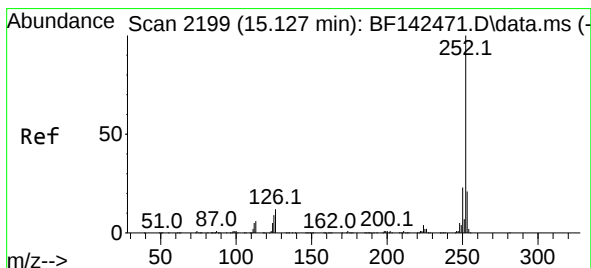
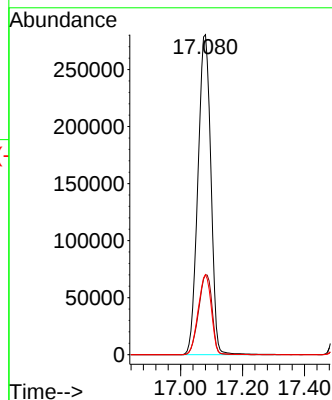
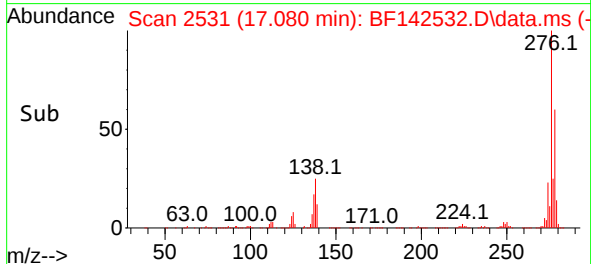


#87
Indeno(1,2,3-cd)pyrene
Concen: 42.997 ng
RT: 17.080 min Scan# 2119
Delta R.T. -0.012 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Instrument :
BNA_F
ClientSampleId :
TP-45MSD

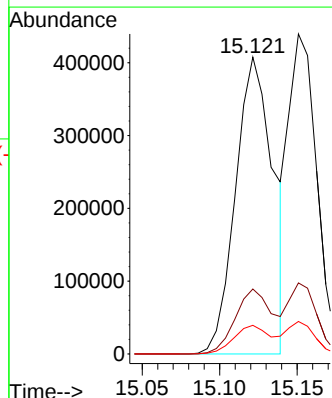
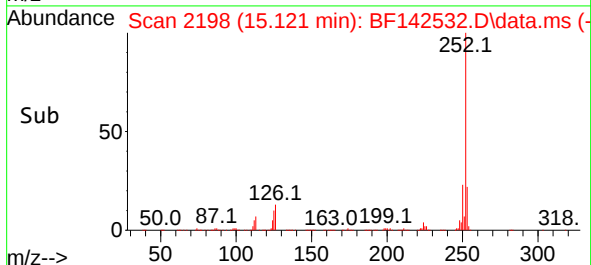
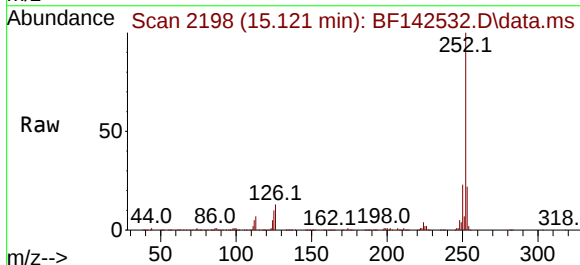


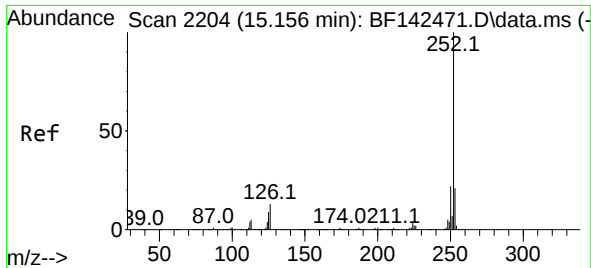
Tgt Ion:276 Resp: 812672
Ion Ratio Lower Upper
276 100
138 25.9 19.9 29.9
277 25.3 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 46.150 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion:252 Resp: 687661
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 9.6 7.4 11.0

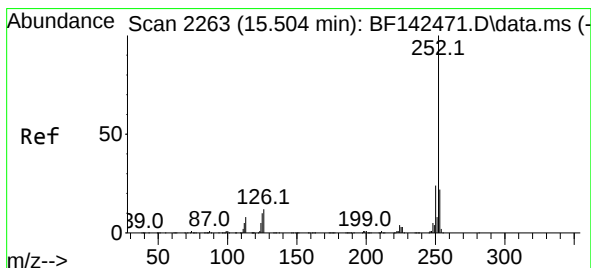
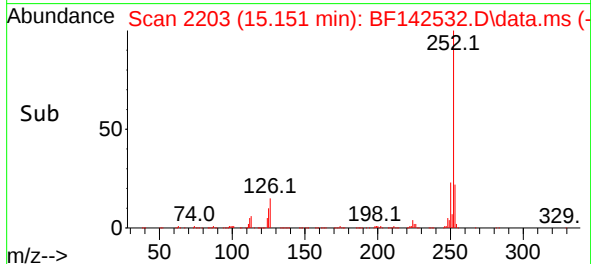
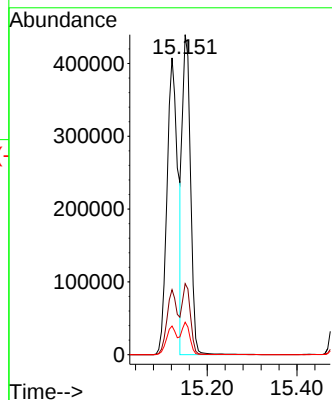
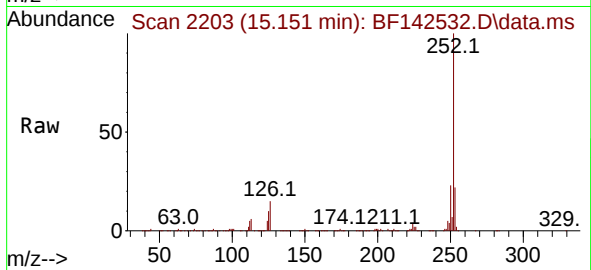




#89
Benzo(k)fluoranthene
Concen: 39.838 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

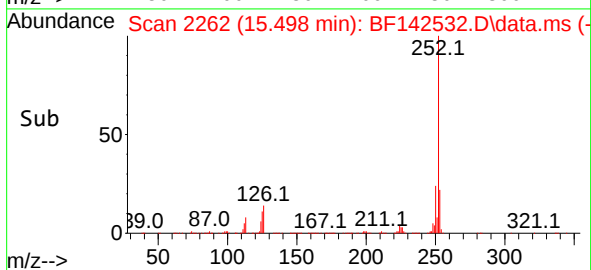
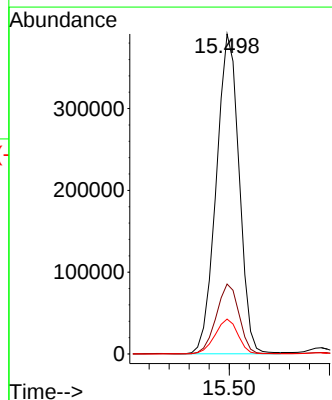
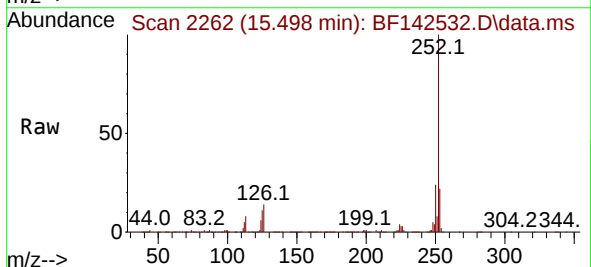
Instrument :
BNA_F
ClientSampleId :
TP-45MSD

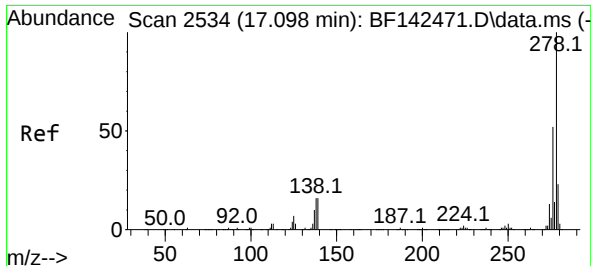
Tgt Ion:252 Resp: 555974
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 10.2 7.3 10.9



#90
Benzo(a)pyrene
Concen: 43.957 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion:252 Resp: 617384
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.9 7.9 11.9

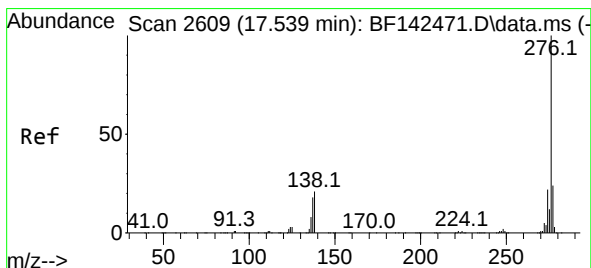
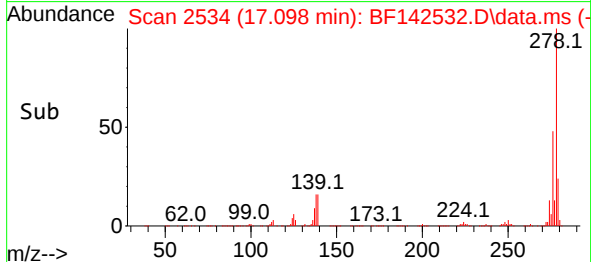
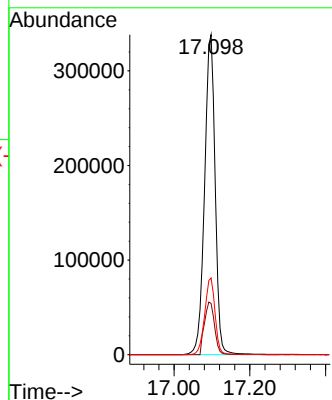
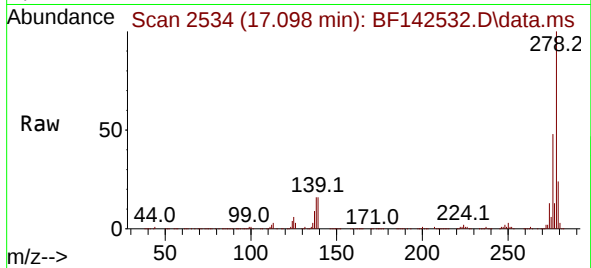




#91
Dibenzo(a,h)anthracene
Concen: 42.827 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Instrument :
BNA_F
ClientSampleId :
TP-45MSD

Tgt Ion:278 Resp: 656511
Ion Ratio Lower Upper
278 100
139 16.0 12.8 19.2
279 24.0 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 43.032 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion:276 Resp: 659798
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 23.1 16.8 25.2

