

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142199.D
 Acq On : 21 Apr 2025 11:13
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 22 00:46:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 00:36:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	622834	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	2413530	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	1431118	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	2538453	20.000	ng	0.00
76) Chrysene-d12	14.027	240	1890280	20.000	ng	0.00
86) Perylene-d12	15.504	264	1397277	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	151937	4.071	ng	0.00
7) Phenol-d6	6.481	99	208858	4.396	ng	-0.01
23) Nitrobenzene-d5	7.422	82	175073	4.082	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	72224	3.978	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	516486	5.489	ng	0.00
79) Terphenyl-d14	12.969	244	607087	4.748	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	34344	2.196	ng	92
3) Pyridine	3.440	79	63698	1.661	ng	96
4) n-Nitrosodimethylamine	3.340	42	24554	1.343	ng	# 72
6) Aniline	6.528	93	93080	1.986	ng	96
8) 2-Chlorophenol	6.645	128	94039	2.272	ng	98
9) Benzaldehyde	6.416	77	65767	2.475	ng	98
10) Phenol	6.498	94	103893	2.078	ng	95
11) bis(2-Chloroethyl)ether	6.592	93	76525	2.039	ng	98
12) 1,3-Dichlorobenzene	6.804	146	115997	2.596	ng	98
13) 1,4-Dichlorobenzene	6.881	146	118840	2.629	ng	97
14) 1,2-Dichlorobenzene	7.034	146	109888	2.580	ng	98
15) Benzyl Alcohol	7.004	79	65986	1.718	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.139	45	83205	1.836	ng	95
17) 2-Methylphenol	7.110	107	64590	1.963	ng	97
18) Hexachloroethane	7.375	117	38610	2.277	ng	91
19) n-Nitroso-di-n-propyla...	7.263	70	60634	1.986	ng	95
20) 3+4-Methylphenols	7.269	107	85875	2.037	ng	# 69
22) Acetophenone	7.269	105	135897	2.351	ng	# 99
24) Nitrobenzene	7.439	77	88428	2.074	ng	96
25) Isophorone	7.681	82	157195	2.074	ng	96
26) 2-Nitrophenol	7.763	139	33185	1.586	ng	95
27) 2,4-Dimethylphenol	7.798	122	56473	1.960	ng	96
28) bis(2-Chloroethoxy)met...	7.892	93	105707	2.223	ng	96
29) 2,4-Dichlorophenol	8.016	162	76678	2.144	ng	94
30) 1,2,4-Trichlorobenzene	8.086	180	105473	2.676	ng	97
31) Naphthalene	8.169	128	314861	2.540	ng	97
32) Benzoic acid	7.892	122	5541	0.219	ng	# 84
33) 4-Chloroaniline	8.228	127	100239	2.290	ng	97
34) Hexachlorobutadiene	8.286	225	67130	2.612	ng	99
35) Caprolactam	8.545	113	16482	1.512	ng	92
36) 4-Chloro-3-methylphenol	8.692	107	79512	1.993	ng	96
37) 2-Methylnaphthalene	8.857	142	214139	2.584	ng	99
38) 1-Methylnaphthalene	8.957	142	212326	2.655	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	115544	2.652	ng	99
41) Hexachlorocyclopentadiene	9.010	237	13942	0.818	ng	91
43) 2,4,6-Trichlorophenol	9.139	196	50797	1.784	ng	98

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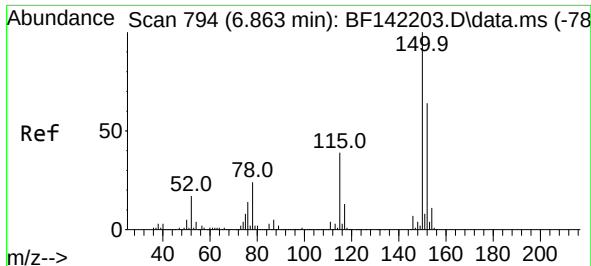
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 00:36:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	57094	1.980	ng	98
46) 1,1'-Biphenyl	9.322	154	279980	2.575	ng	97
47) 2-Chloronaphthalene	9.345	162	210149	2.593	ng	98
48) 2-Nitroaniline	9.445	65	33744	1.438	ng	92
49) Acenaphthylene	9.763	152	302746	2.517	ng	97
50) Dimethylphthalate	9.616	163	214269	2.138	ng	100
51) 2,6-Dinitrotoluene	9.680	165	39985	1.916	ng	97
52) Acenaphthene	9.933	154	204304	2.417	ng	98
53) 3-Nitroaniline	9.857	138	40352	1.906	ng #	96
54) 2,4-Dinitrophenol	9.980	184	6558	0.660	ng #	75
55) Dibenzofuran	10.104	168	314262	2.602	ng	98
56) 4-Nitrophenol	10.028	139	12759	0.799	ng	94
57) 2,4-Dinitrotoluene	10.086	165	47151	1.730	ng #	95
58) Fluorene	10.445	166	242602	2.605	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.228	232	50244	1.915	ng	98
60) Diethylphthalate	10.316	149	195852	1.960	ng	97
61) 4-Chlorophenyl-phenyle...	10.439	204	129608	2.669	ng	97
62) 4-Nitroaniline	10.463	138	33924	1.646	ng	85
63) Azobenzene	10.598	77	187689	2.020	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	16749	1.107	ng	93
66) n-Nitrosodiphenylamine	10.557	169	196025	2.386	ng	97
67) 4-Bromophenyl-phenylether	10.933	248	80131	2.514	ng	96
68) Hexachlorobenzene	10.998	284	97649	2.793	ng	97
69) Atrazine	11.080	200	48986	1.945	ng	94
70) Pentachlorophenol	11.204	266	25715	1.194	ng	94
71) Phenanthrene	11.410	178	354873	2.588	ng	97
72) Anthracene	11.463	178	343011	2.494	ng	97
73) Carbazole	11.627	167	289873	2.443	ng	97
74) Di-n-butylphthalate	11.945	149	234493	1.490	ng	98
75) Fluoranthene	12.604	202	365933	2.516	ng	98
77) Benzidine	12.745	184	71775	2.722	ng	94
78) Pyrene	12.833	202	380240	2.325	ng	98
80) Butylbenzylphthalate	13.445	149	49364	0.771	ng	97
81) Benzo(a)anthracene	14.021	228	287176	2.315	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	51681	1.442	ng	98
83) Chrysene	14.057	228	264524	2.353	ng	98
84) Bis(2-ethylhexyl)phtha...	14.004	149	58727	0.666	ng	99
85) Di-n-octyl phthalate	14.615	149	102958	0.839	ng #	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	222305	2.459	ng	99
88) Benzo(b)fluoranthene	15.074	252	175735	1.835	ng	98
89) Benzo(k)fluoranthene	15.098	252	199312	2.432	ng	97
90) Benzo(a)pyrene	15.439	252	150599	2.010	ng	97
91) Dibenzo(a,h)anthracene	17.015	278	172546	2.314	ng	96
92) Benzo(g,h,i)perylene	17.439	276	202767	2.751	ng	96

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

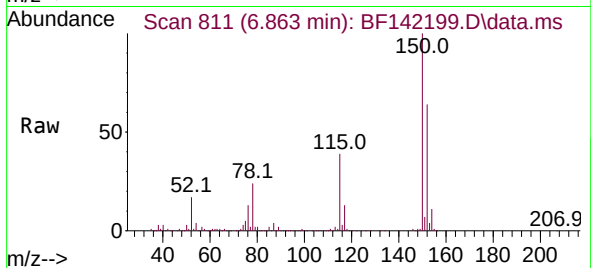
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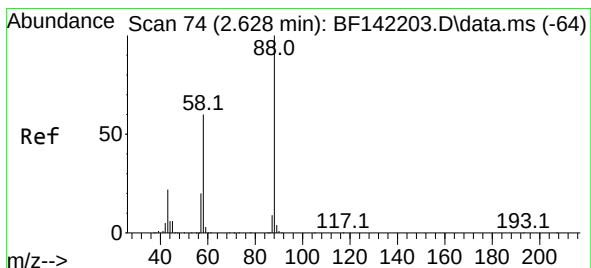
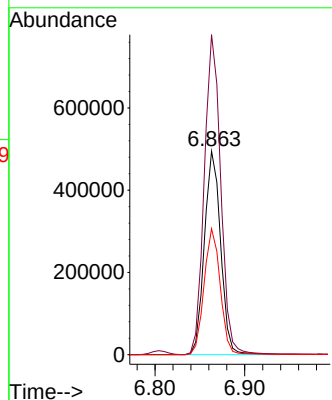
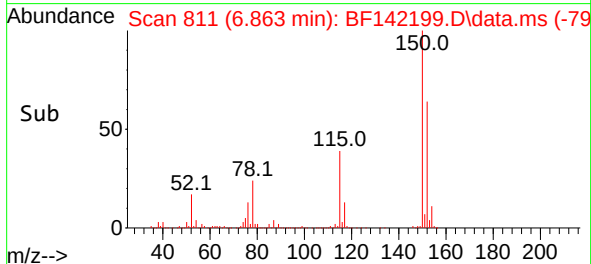


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF142199.D
 Acq: 21 Apr 2025 11:13

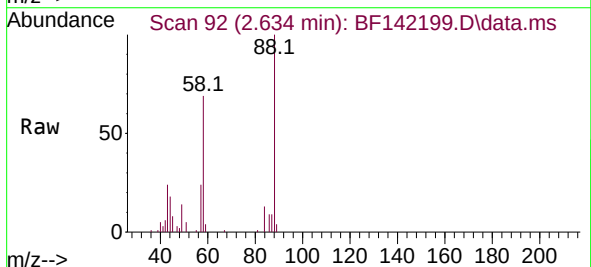
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 BNA_F
 ClientSampleId :



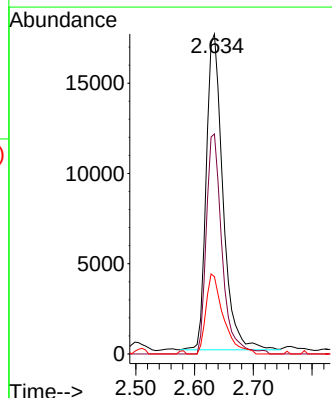
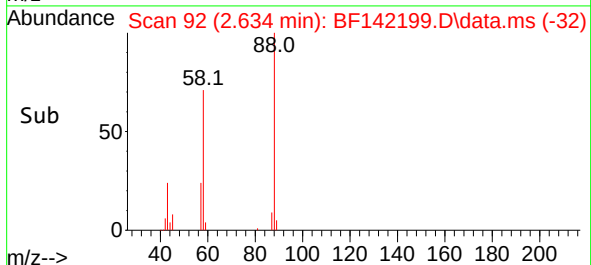
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 Ion Ratio Lower Upper
 152 100
 150 157.2 126.4 189.6
 115 61.9 49.4 74.2

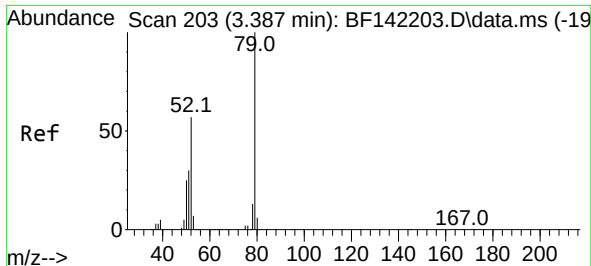


#2
 1,4-Dioxane
 Concen: 2.196 ng
 RT: 2.634 min Scan# 92
 Delta R.T. 0.006 min
 Lab File: BF142199.D
 Acq: 21 Apr 2025 11:13



Tgt Ion: 88 Resp: 34344
 Ion Ratio Lower Upper
 88 100
 58 65.8 47.8 71.6
 43 26.5 17.8 26.8

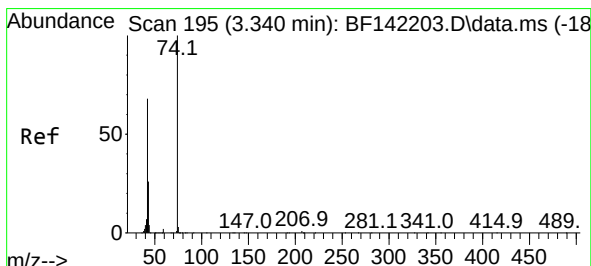
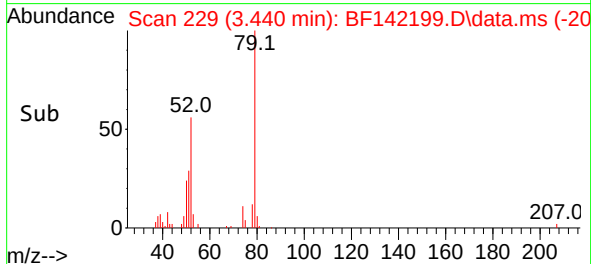
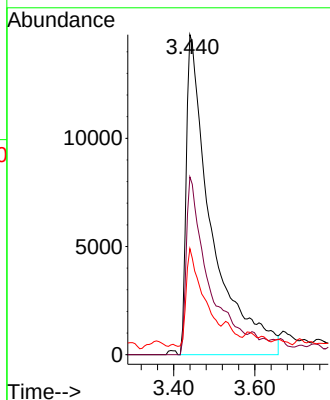
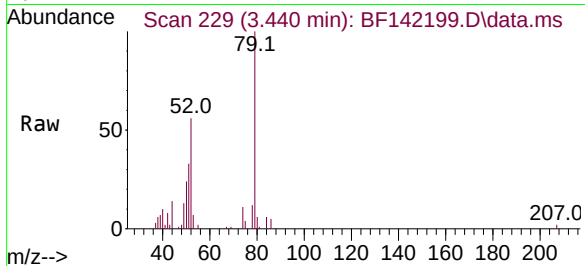




#3
Pyridine
Concen: 1.661 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

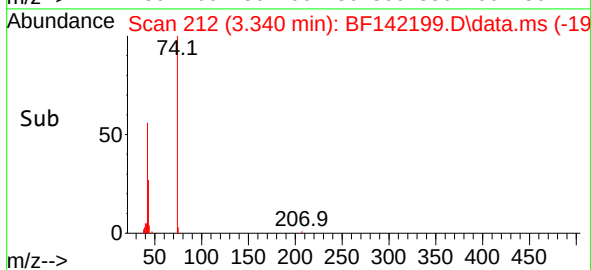
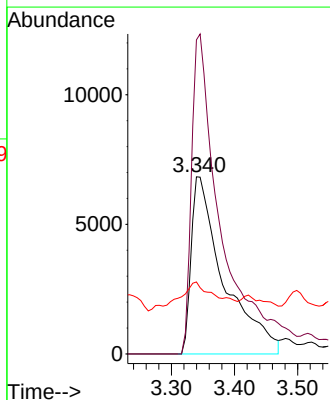
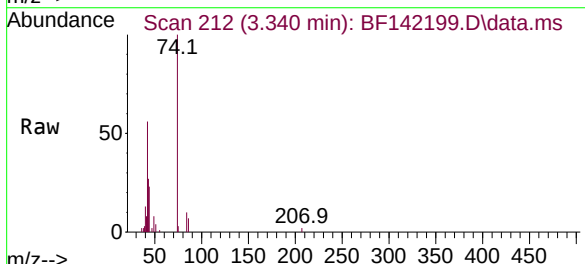
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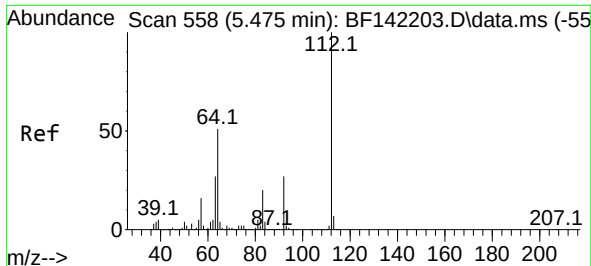
Tgt Ion: 79 Resp: 63698
Ion Ratio Lower Upper
79 100
52 55.6 45.8 68.8
51 33.1 23.8 35.6



#4
n-Nitrosodimethylamine
Concen: 1.343 ng
RT: 3.340 min Scan# 212
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Tgt Ion: 42 Resp: 24554
Ion Ratio Lower Upper
42 100
74 177.3 117.4 176.0#
44 40.7 9.5 14.3#

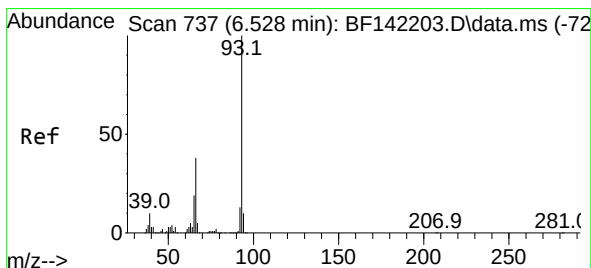
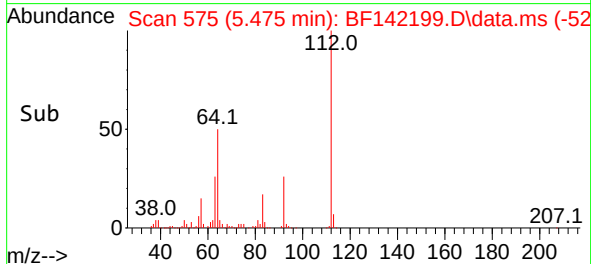
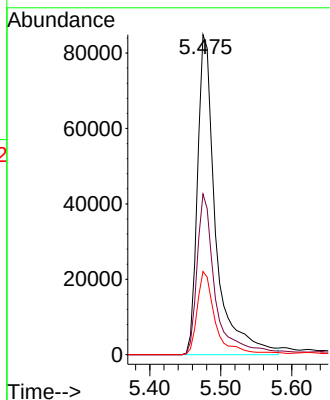
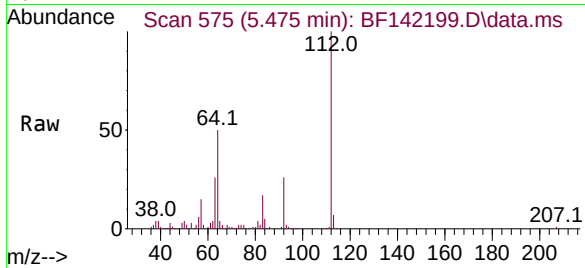




#5
2-Fluorophenol
Concen: 4.071 ng
RT: 5.475 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

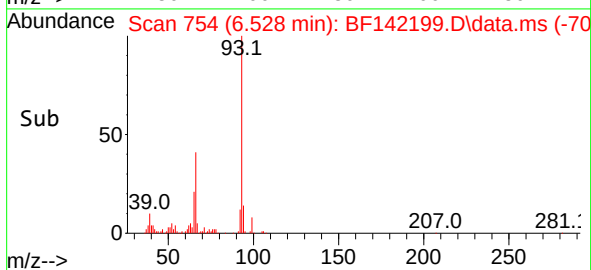
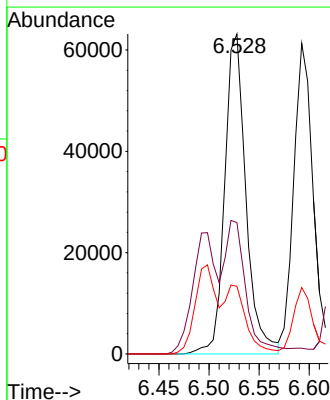
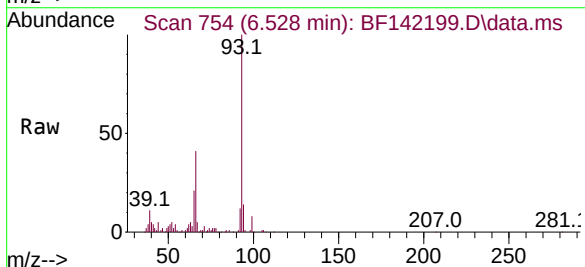
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ClientSampleId :

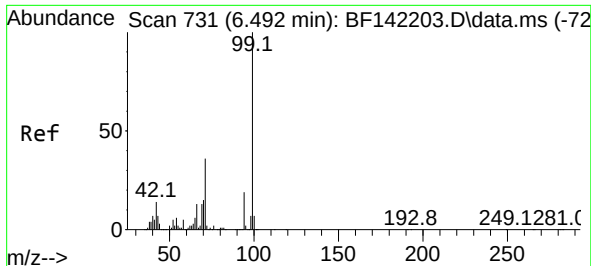
Tgt Ion:112 Resp: 151937
Ion Ratio Lower Upper
112 100
64 50.2 40.9 61.3
63 26.0 22.0 33.0



#6
Aniline
Concen: 1.986 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Tgt Ion: 93 Resp: 93080
Ion Ratio Lower Upper
93 100
66 41.1 30.9 46.3
65 21.1 15.1 22.7

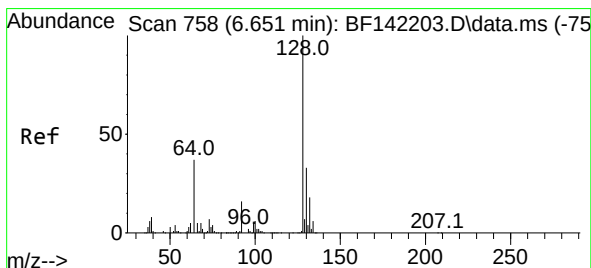
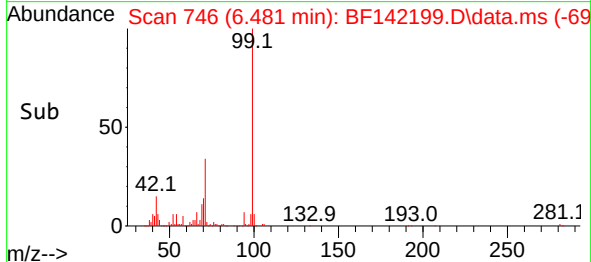
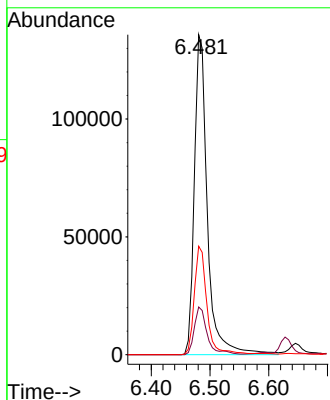
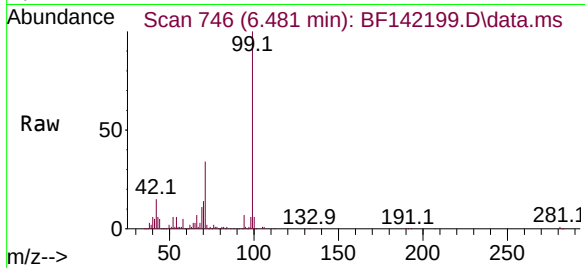




#7
Phenol-d6
Concen: 4.396 ng
RT: 6.481 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

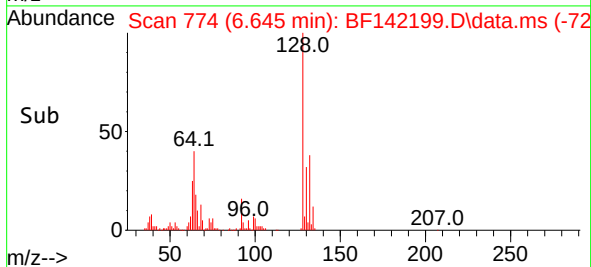
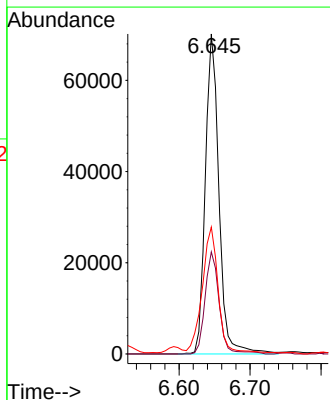
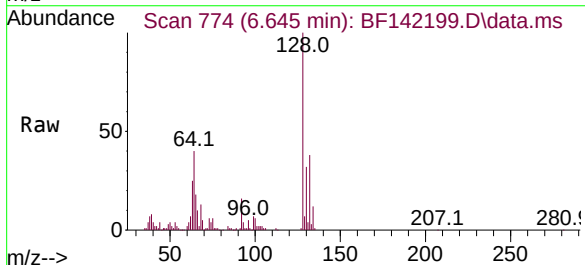
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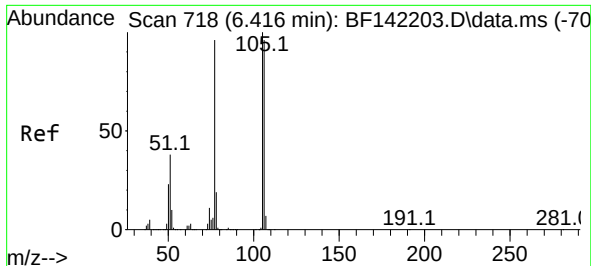
Tgt Ion: 99 Resp: 208858
Ion Ratio Lower Upper
99 100
42 14.9 11.5 17.3
71 33.9 28.6 42.8



#8
2-Chlorophenol
Concen: 2.272 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.006 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Tgt Ion:128 Resp: 94039
Ion Ratio Lower Upper
128 100
130 31.9 13.0 53.0
64 39.7 18.8 58.8

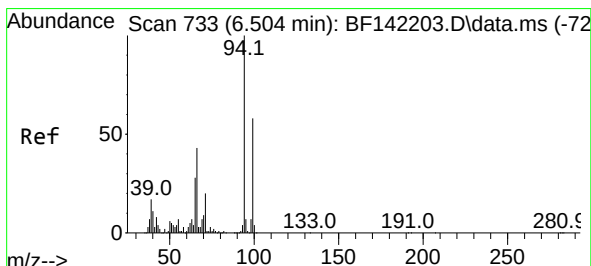
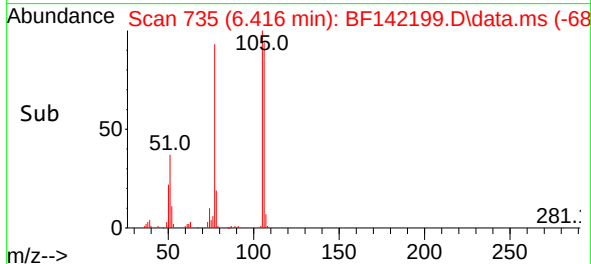
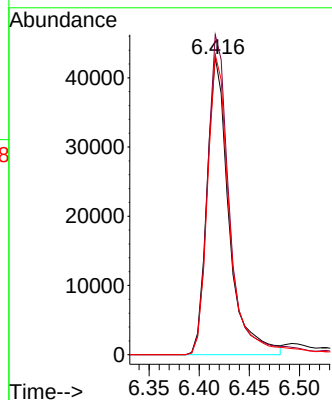
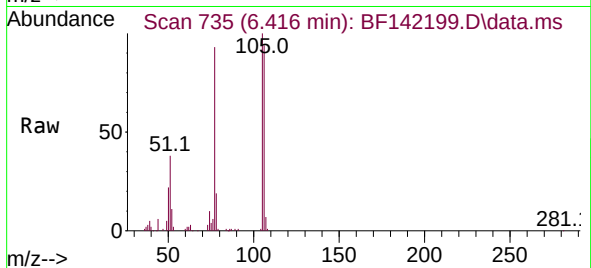




#9
Benzaldehyde
Concen: 2.475 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

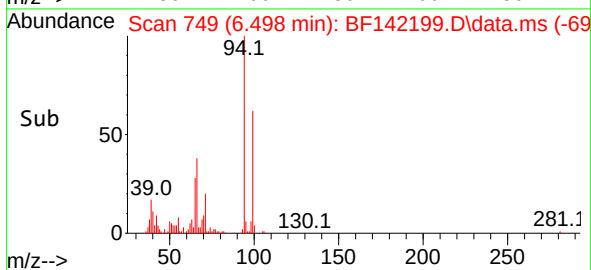
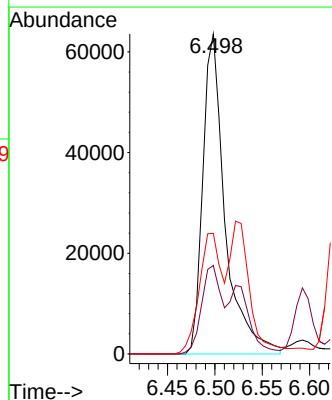
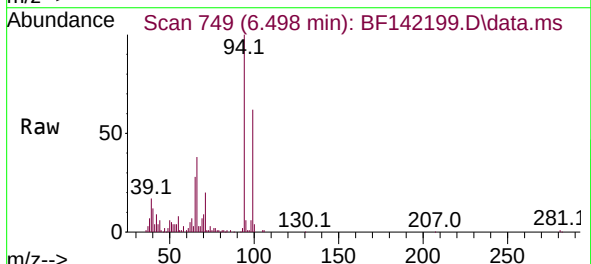
Instrument :
BNA_F
ClientSampleId :

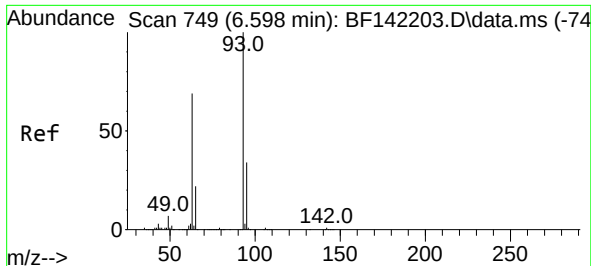
Tgt Ion: 77 Resp: 65767
Ion Ratio Lower Upper
77 100
105 107.4 84.4 124.4
106 100.7 80.3 120.3



#10
Phenol
Concen: 2.078 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Tgt Ion: 94 Resp: 103893
Ion Ratio Lower Upper
94 100
65 27.7 8.1 48.1
66 37.7 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 2.039 ng

RT: 6.592 min Scan# 7

Delta R.T. -0.006 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

Instrument :

BNA_F

ClientSampleId :

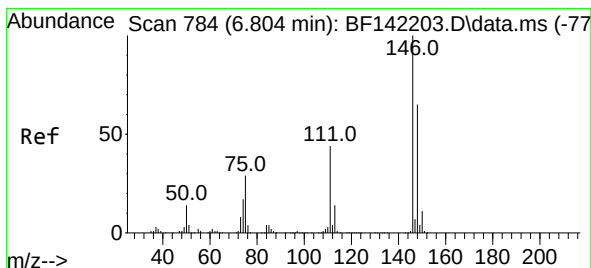
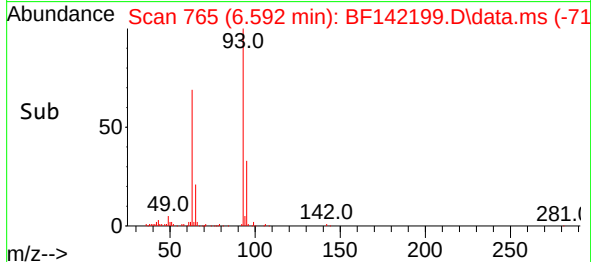
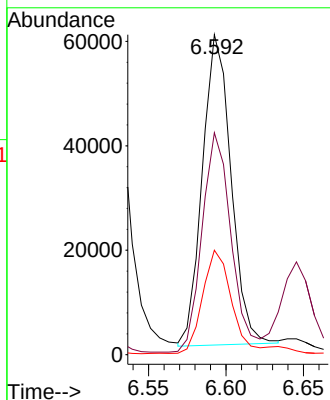
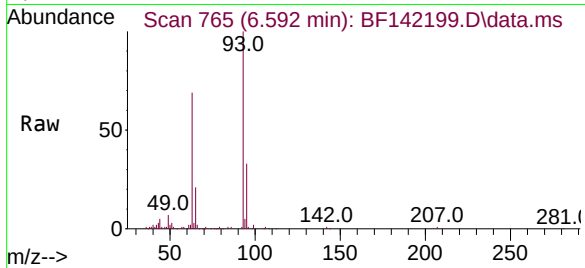
Tgt Ion: 93 Resp: 76525

Ion Ratio Lower Upper

93 100

63 69.4 47.9 87.9

95 32.6 13.7 53.7



#12

1,3-Dichlorobenzene

Concen: 2.596 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.000 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

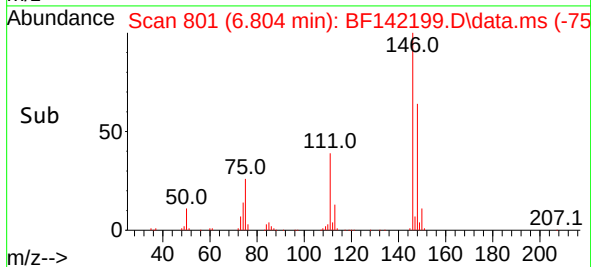
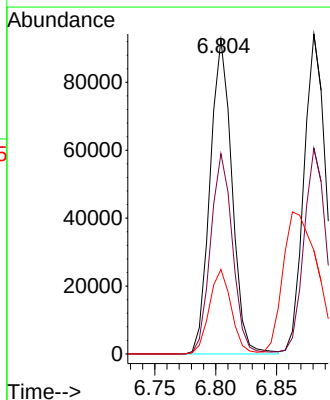
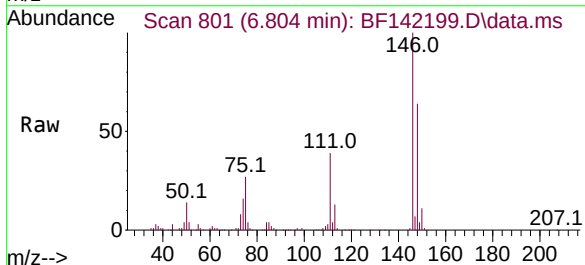
Tgt Ion:146 Resp: 115997

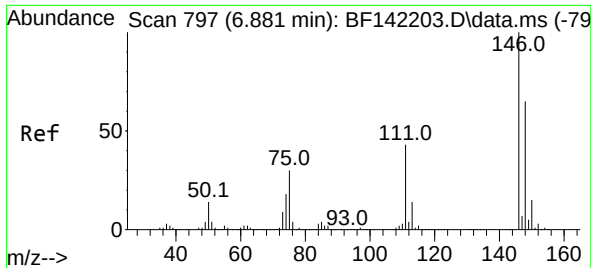
Ion Ratio Lower Upper

146 100

148 63.7 51.7 77.5

75 26.8 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 2.629 ng

RT: 6.881 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

Instrument :

BNA_F

ClientSampleId :

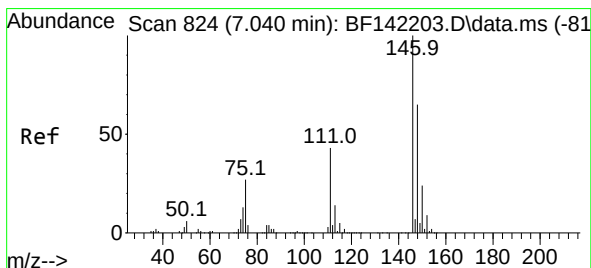
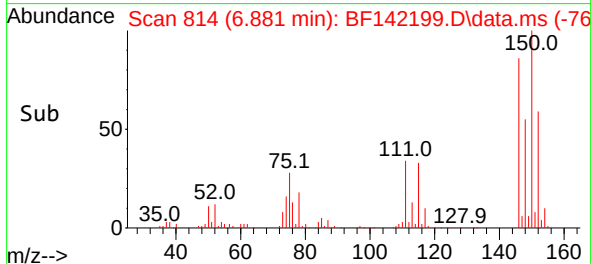
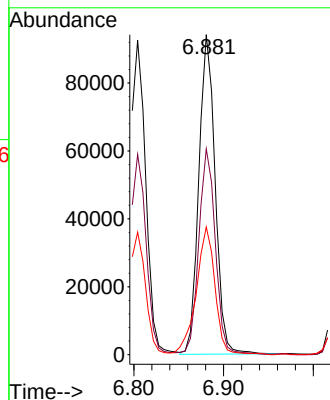
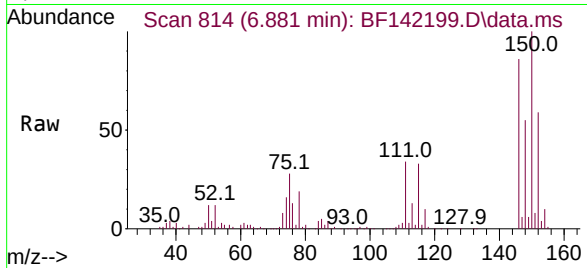
Tgt Ion:146 Resp: 118840

Ion Ratio Lower Upper

146 100

148 64.3 52.4 78.6

111 39.9 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 2.580 ng

RT: 7.034 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

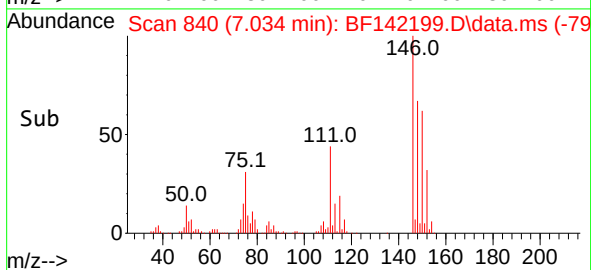
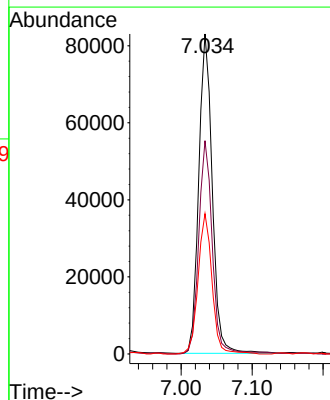
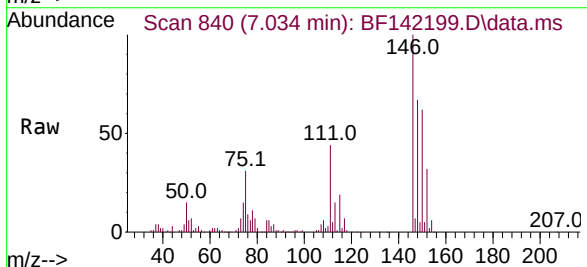
Tgt Ion:146 Resp: 109888

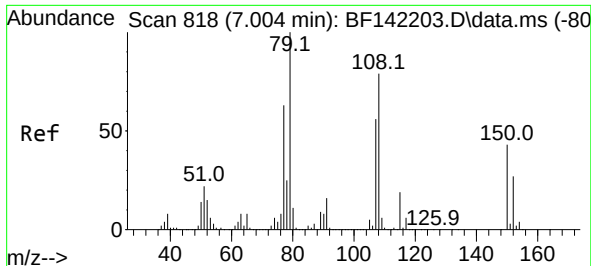
Ion Ratio Lower Upper

146 100

148 66.6 52.2 78.4

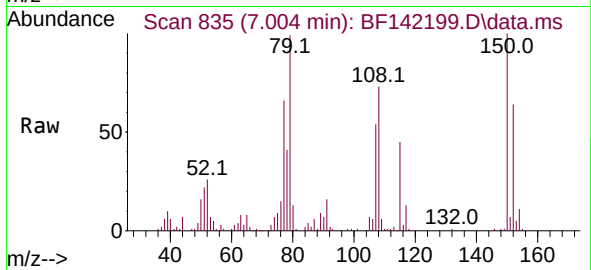
111 43.9 34.2 51.4



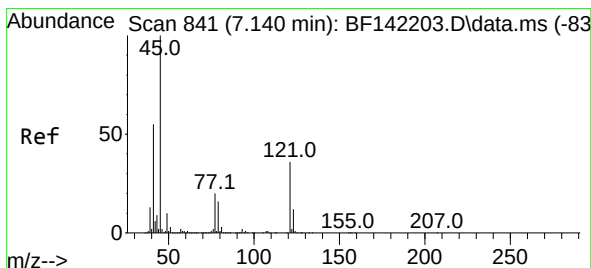
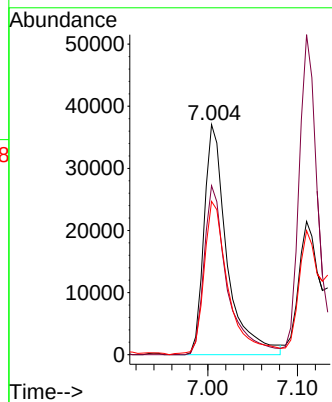
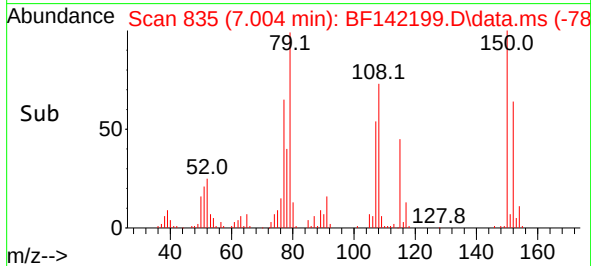


#15
Benzyl Alcohol
Concen: 1.718 ng
RT: 7.004 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

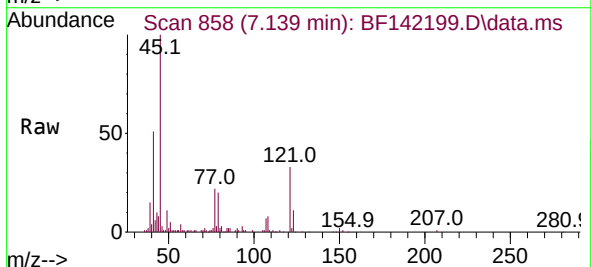
Instrument :
BNA_F
ClientSampleId :



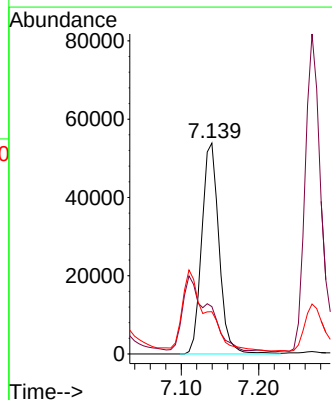
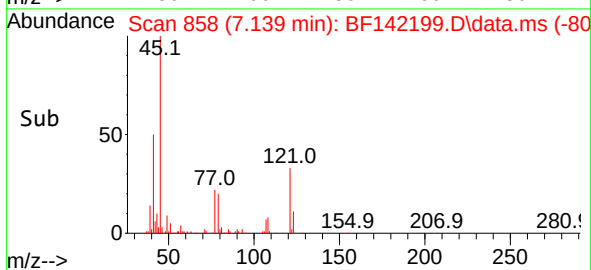
Tgt Ion: 79 Resp: 65986
Ion Ratio Lower Upper
79 100
108 73.5 63.1 94.7
77 66.6 50.6 76.0

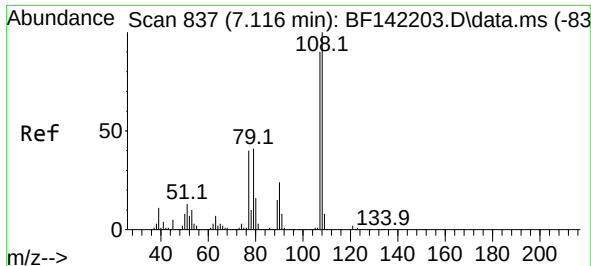


#16
2,2'-oxybis(1-Chloropropane)
Concen: 1.836 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13



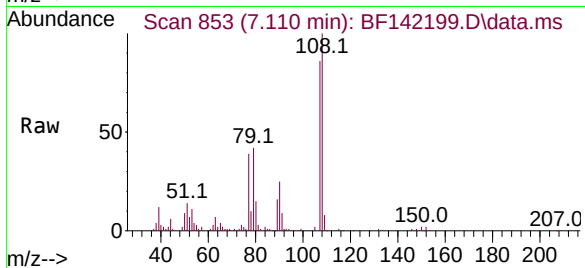
Tgt Ion: 45 Resp: 83205
Ion Ratio Lower Upper
45 100
77 22.5 1.4 41.4
79 20.1 0.0 36.7



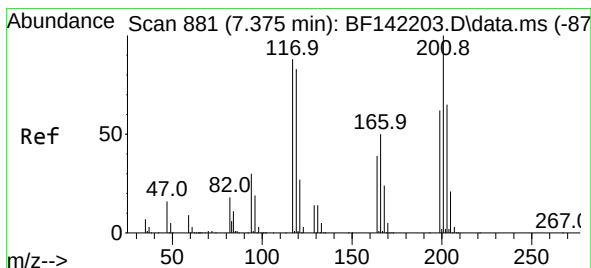
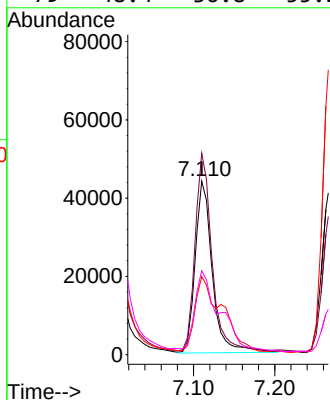
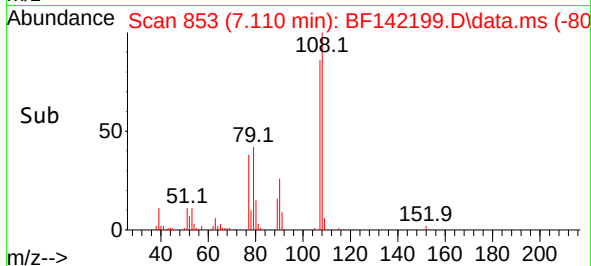


#17
2-Methylphenol
Concen: 1.963 ng
RT: 7.110 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

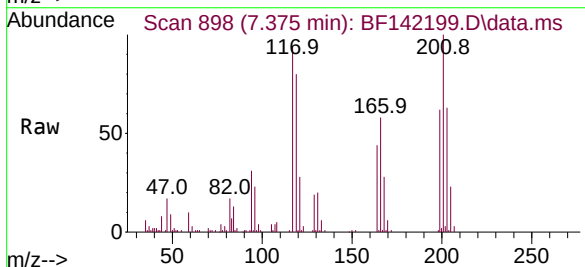
Instrument :
BNA_F
ClientSampleId :



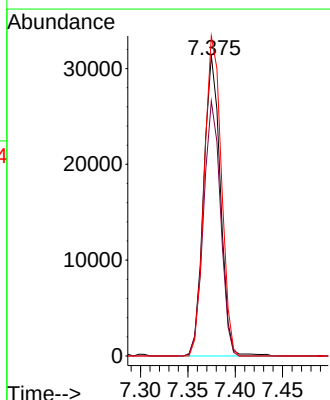
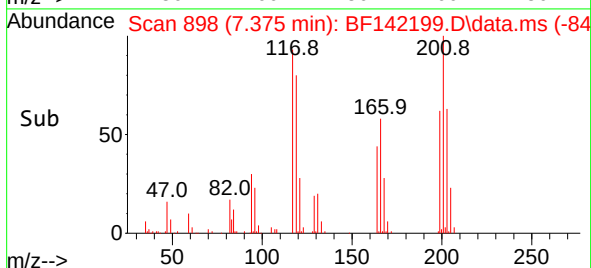
Tgt Ion:	107	Resp:	64590
Ion	Ratio	Lower	Upper
107	100		
108	116.2	89.4	134.2
77	45.0	36.3	54.5
79	48.4	36.8	55.2

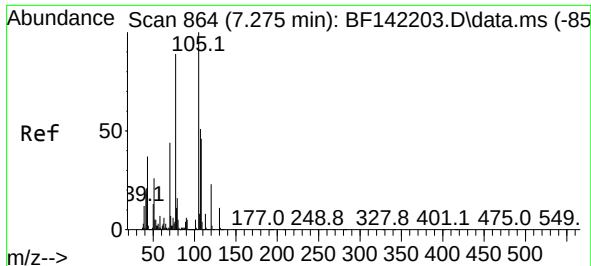


#18
Hexachloroethane
Concen: 2.277 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13



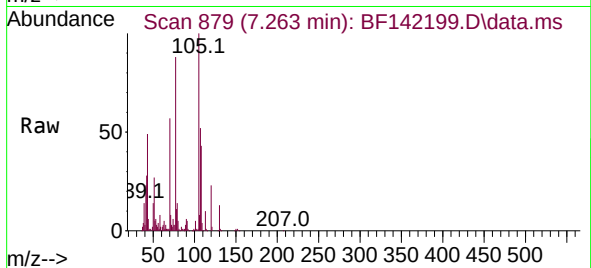
Tgt Ion:	117	Resp:	38610
Ion	Ratio	Lower	Upper
117	100		
119	84.7	75.8	113.8
201	106.5	91.4	137.0



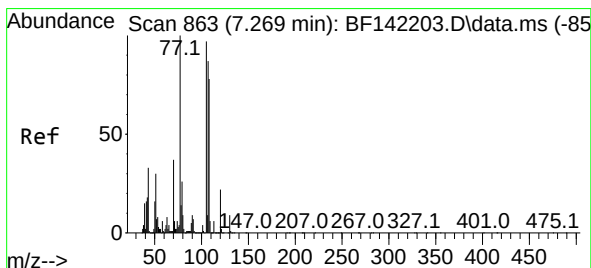
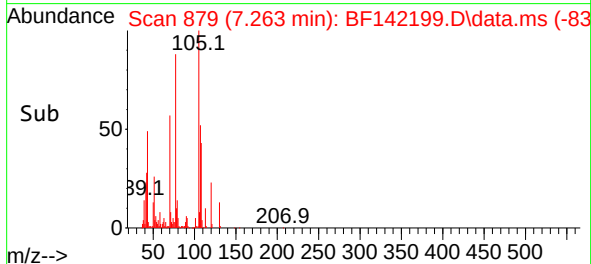
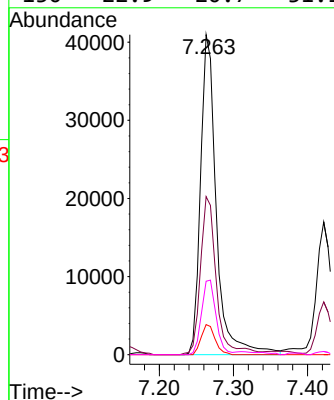


#19
n-Nitroso-di-n-propylamine
Concen: 1.986 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Instrument :
BNA_F
ClientSampleId :

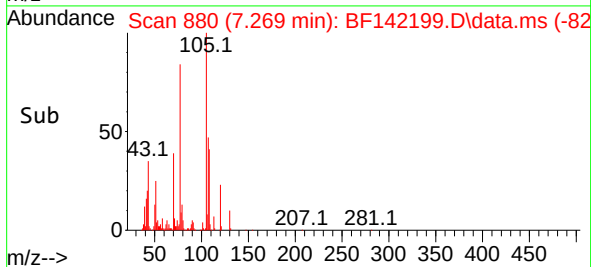
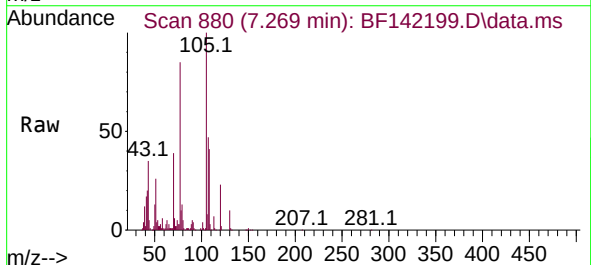
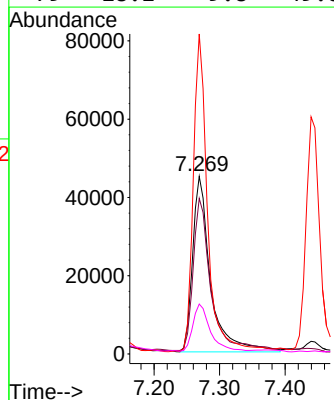


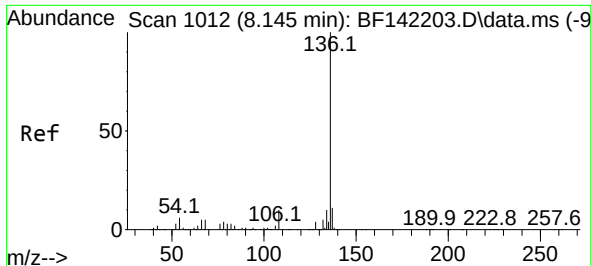
Tgt Ion:	70	Resp:	60634
Ion	Ratio	Lower	Upper
70	100		
42	49.4	37.4	56.0
101	9.4	8.6	13.0
130	22.9	20.7	31.1



#20
3+4-Methylphenols
Concen: 2.037 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

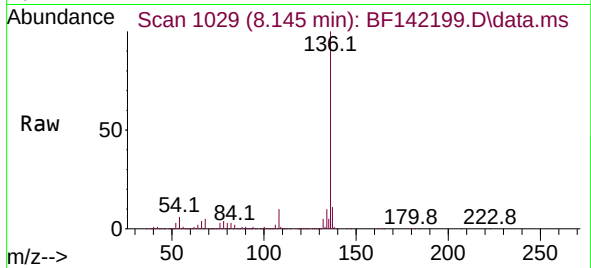
Tgt Ion:	107	Resp:	85875
Ion	Ratio	Lower	Upper
107	100		
108	87.6	69.8	109.8
77	180.2	94.5	134.5#
79	28.2	9.8	49.8



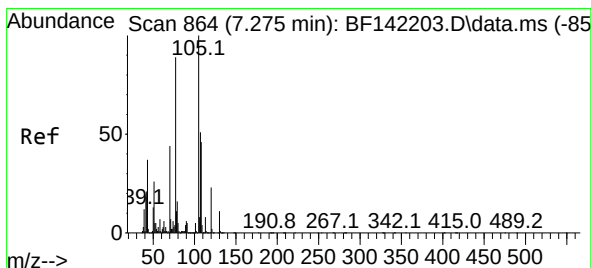
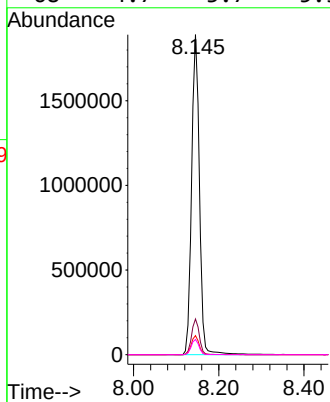
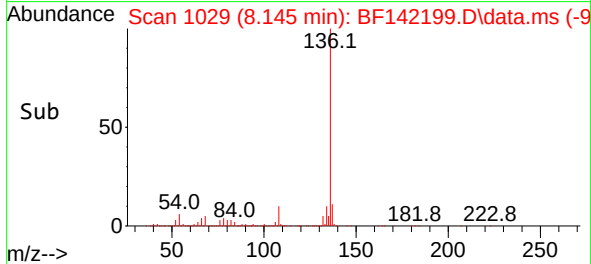


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

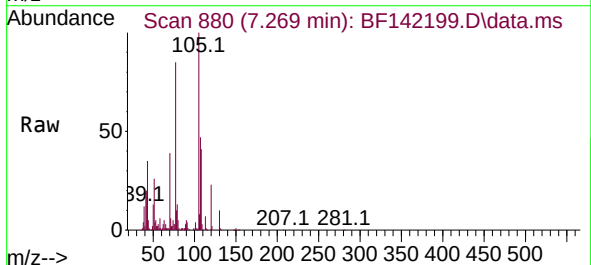
Instrument :
BNA_F
ClientSampleId :



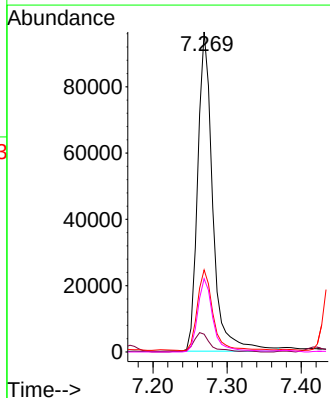
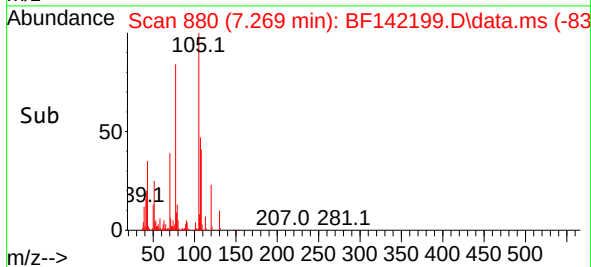
Tgt Ion:136 Resp: 2413530
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 5.9 4.7 7.1
68 4.7 3.7 5.5

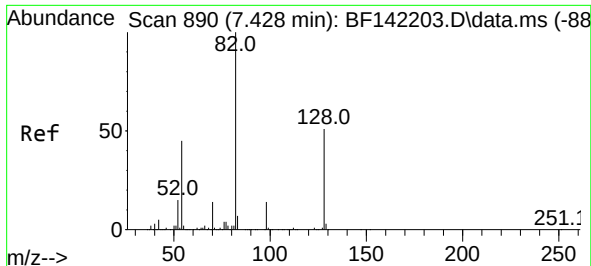


#22
Acetophenone
Concen: 2.351 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13



Tgt Ion:105 Resp: 135897
Ion Ratio Lower Upper
105 100
71 5.6 5.8 8.8#
51 25.7 20.9 31.3
120 22.9 18.6 27.8

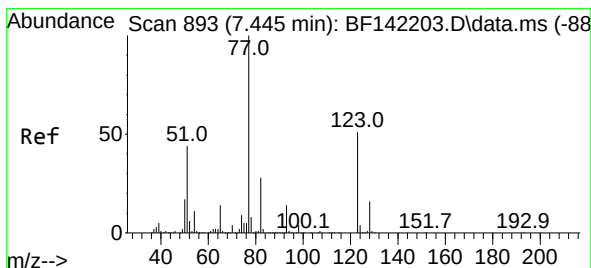
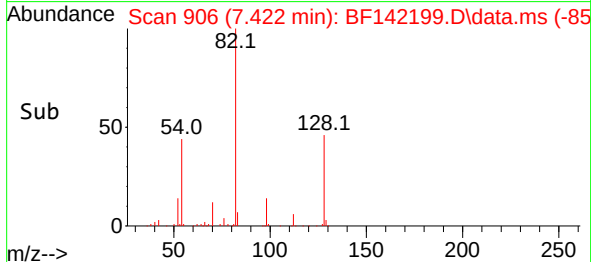
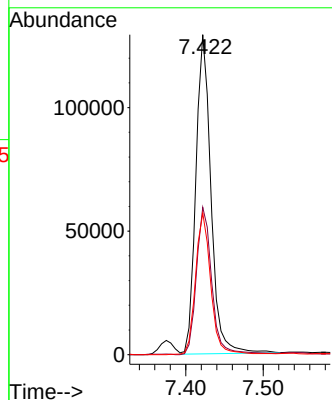
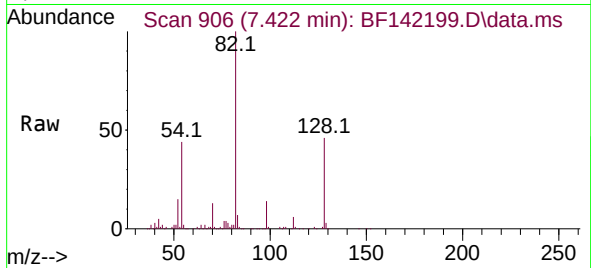




#23
Nitrobenzene-d5
Concen: 4.082 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

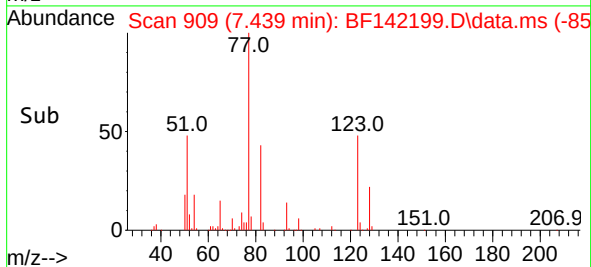
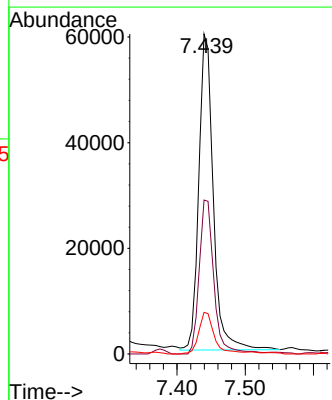
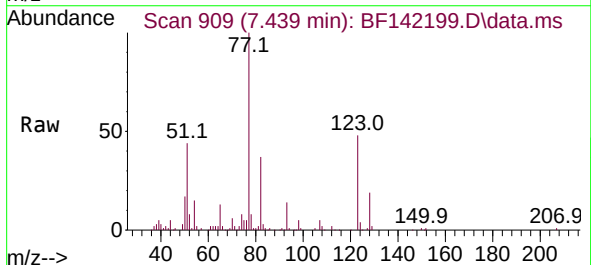
Instrument :
BNA_F
ClientSampleId :

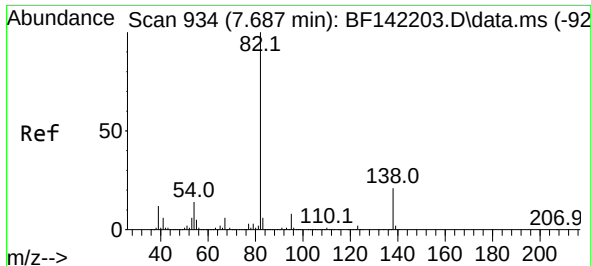
Tgt Ion: 82 Resp: 175073
Ion Ratio Lower Upper
82 100
128 46.1 40.2 60.2
54 44.3 35.5 53.3



#24
Nitrobenzene
Concen: 2.074 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

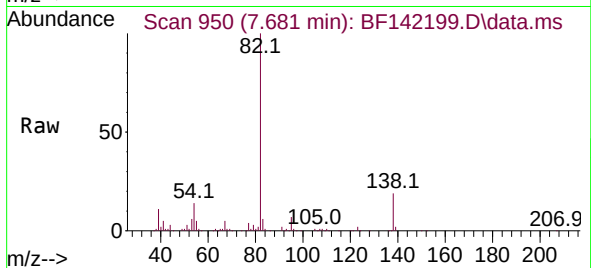
Tgt Ion: 77 Resp: 88428
Ion Ratio Lower Upper
77 100
123 48.1 40.7 61.1
65 13.0 10.9 16.3



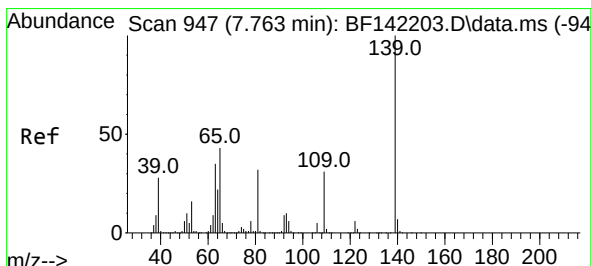
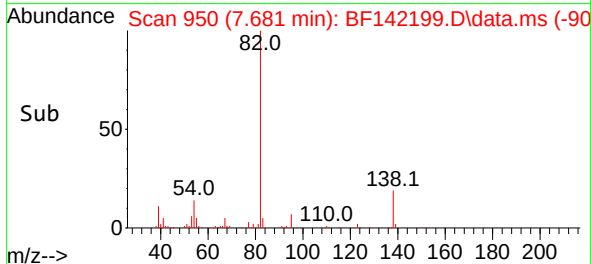
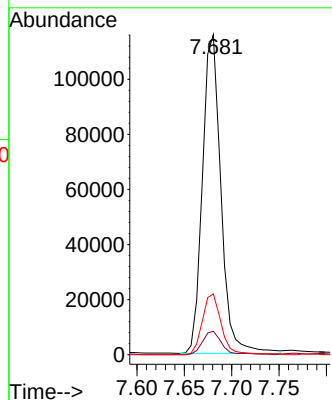


#25
Isophorone
Concen: 2.074 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Instrument :
BNA_F
ClientSampleId :

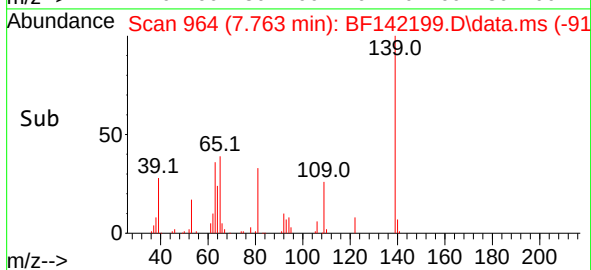
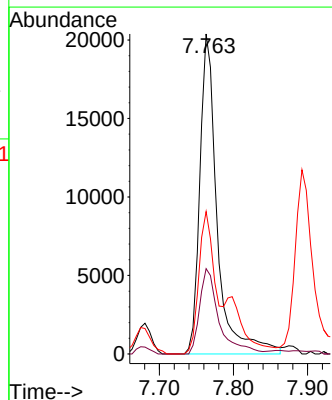
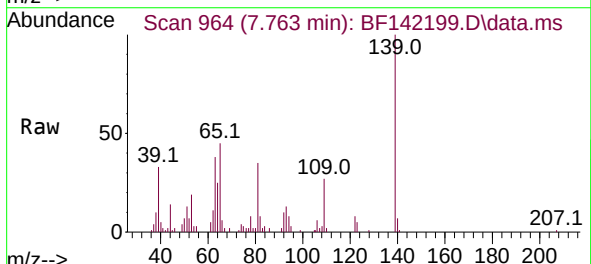


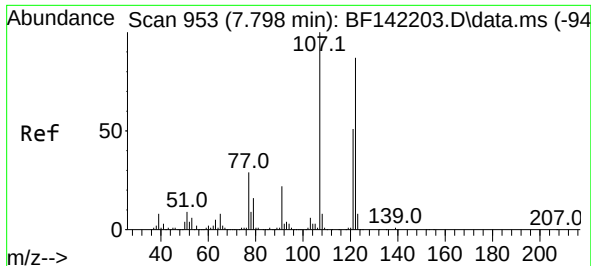
Tgt Ion: 82 Resp: 157195
Ion Ratio Lower Upper
82 100
95 7.3 6.5 9.7
138 19.0 16.9 25.3



#26
2-Nitrophenol
Concen: 1.586 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Tgt Ion:139 Resp: 33185
Ion Ratio Lower Upper
139 100
109 26.6 24.4 36.6
65 44.5 34.2 51.2





#27

2,4-Dimethylphenol

Concen: 1.960 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.000 min

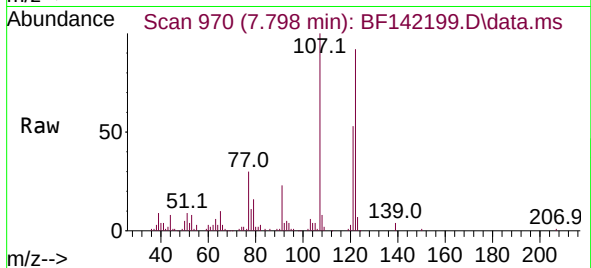
Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

Instrument :

BNA_F

ClientSampleId :



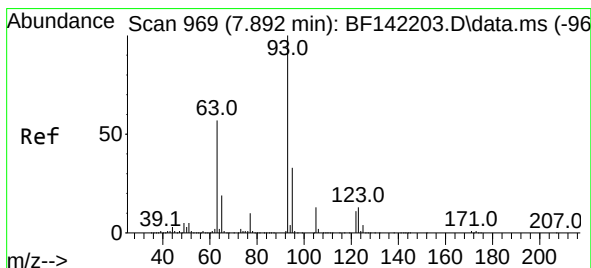
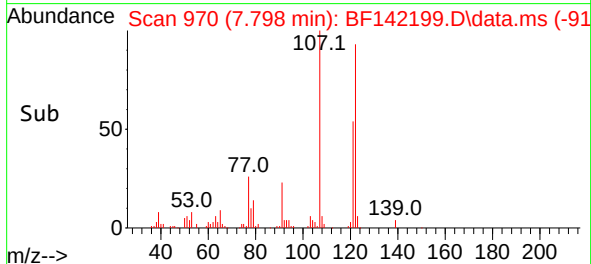
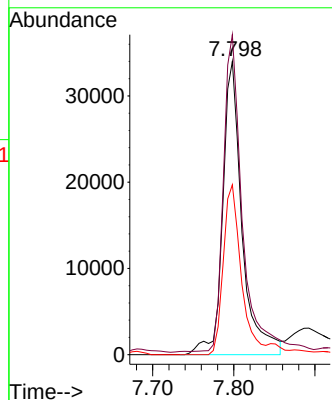
Tgt Ion:122 Resp: 56473

Ion Ratio Lower Upper

122 100

107 109.1 91.6 137.4

121 57.9 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 2.223 ng

RT: 7.892 min Scan# 986

Delta R.T. -0.000 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

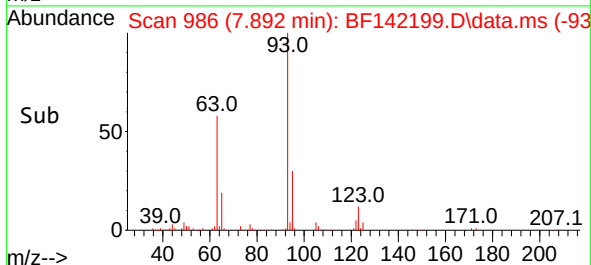
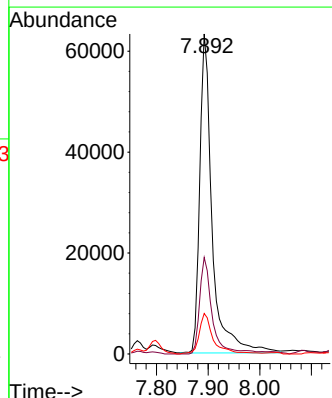
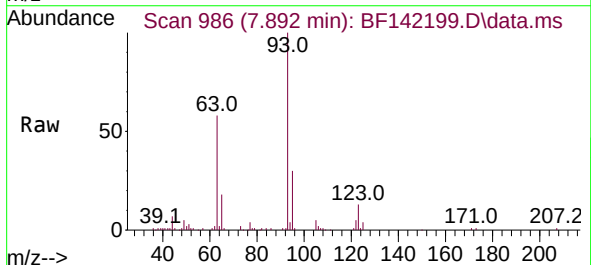
Tgt Ion: 93 Resp: 105707

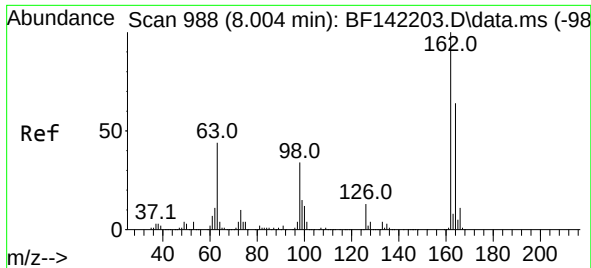
Ion Ratio Lower Upper

93 100

95 30.2 26.3 39.5

123 12.6 10.9 16.3





#29

2,4-Dichlorophenol

Concen: 2.144 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.012 min

Lab File: BF142199.D

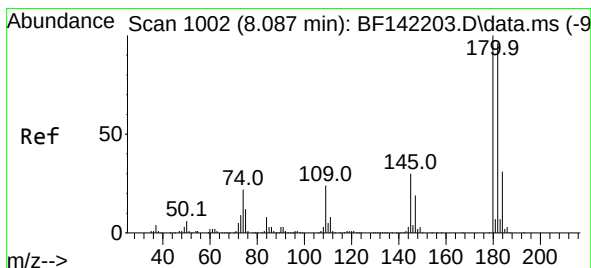
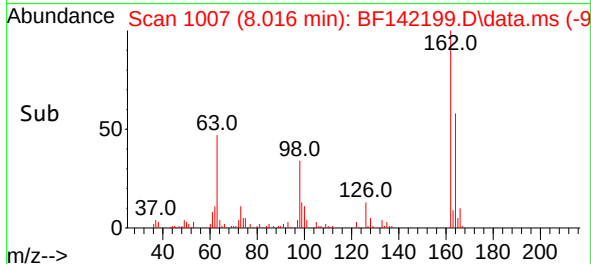
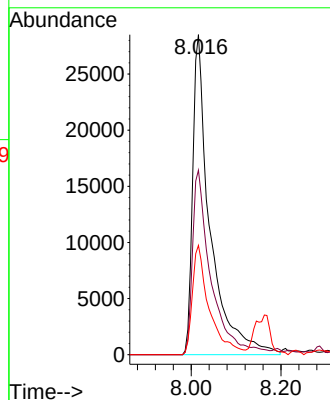
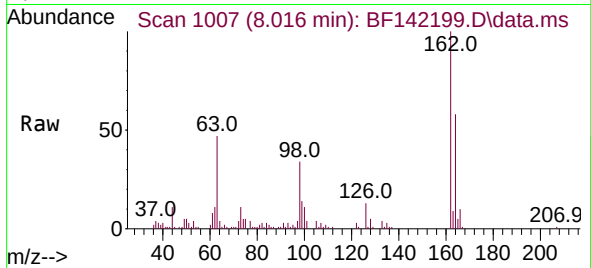
Acq: 21 Apr 2025 11:13

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	162	Resp:	76678
Ion Ratio	Lower	Upper	
162	100		
164	57.7	44.2	84.2
98	34.2	13.8	53.8



#30

1,2,4-Trichlorobenzene

Concen: 2.676 ng

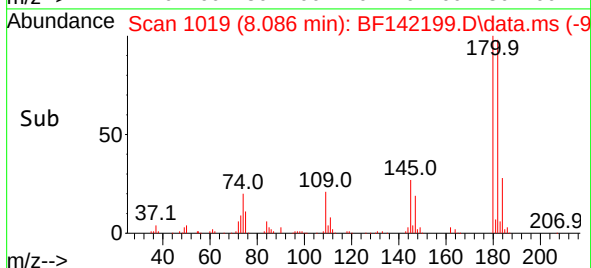
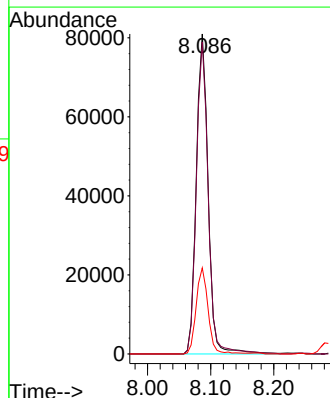
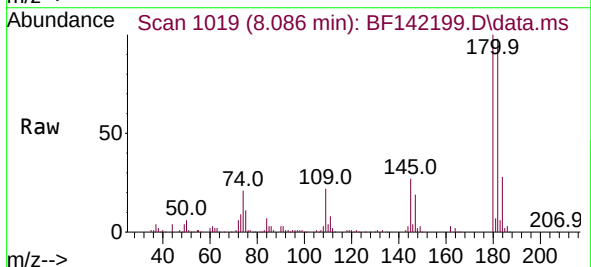
RT: 8.086 min Scan# 1019

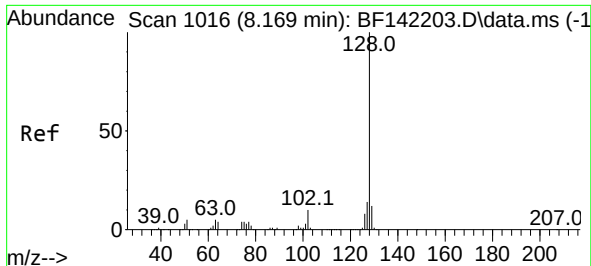
Delta R.T. -0.000 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

Tgt Ion:	180	Resp:	105473
Ion Ratio	Lower	Upper	
180	100		
182	97.5	77.0	115.4
145	26.9	24.3	36.5

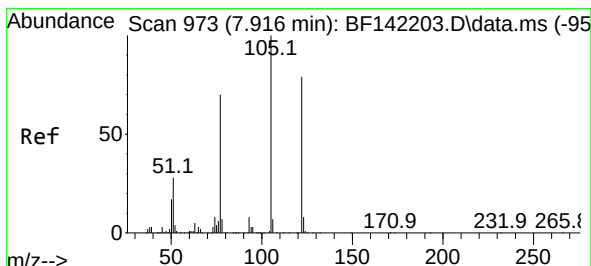
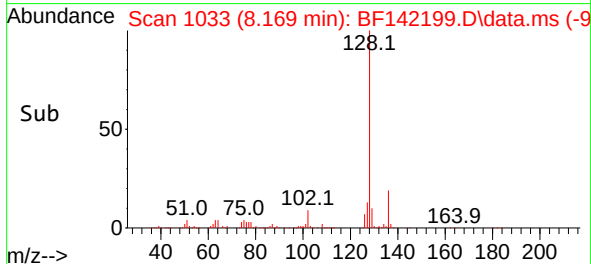
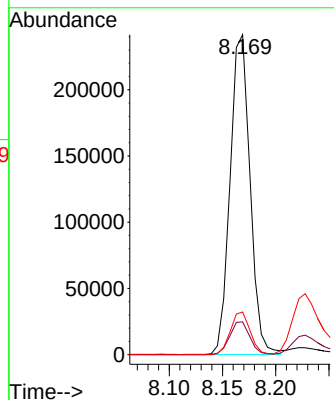
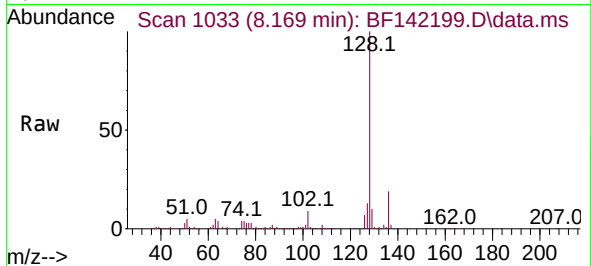




#31
Naphthalene
Concen: 2.540 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

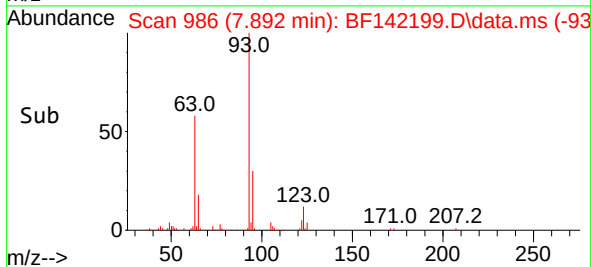
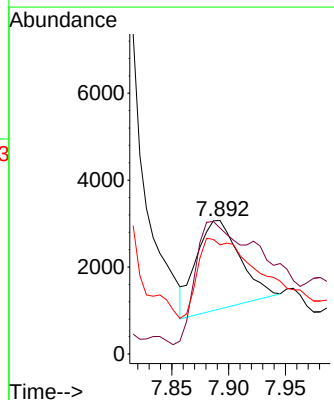
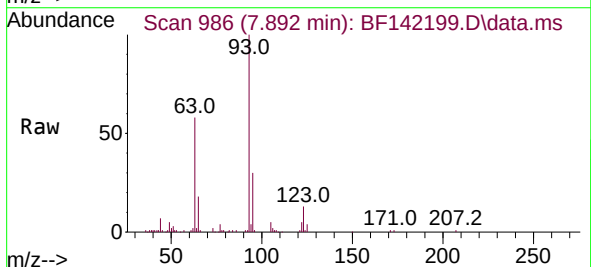
Instrument :
BNA_F
ClientSampleId :

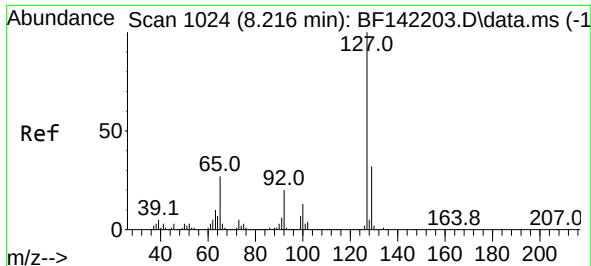
Tgt Ion:128 Resp: 314861
Ion Ratio Lower Upper
128 100
129 10.3 9.6 14.4
127 13.4 11.4 17.0



#32
Benzoic acid
Concen: 0.219 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.024 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Tgt Ion:122 Resp: 5541
Ion Ratio Lower Upper
122 100
105 94.4 101.5 141.5#
77 81.7 66.6 106.6

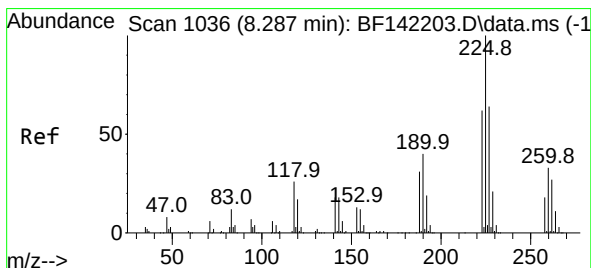
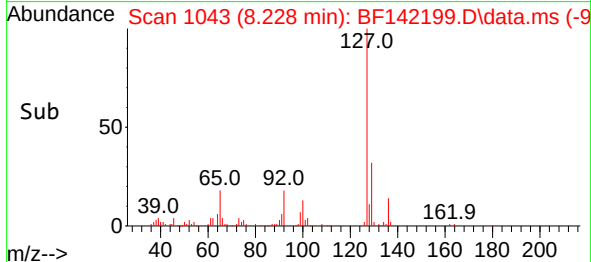
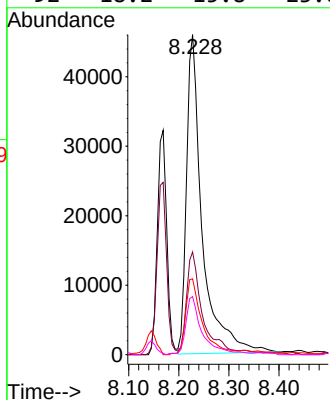
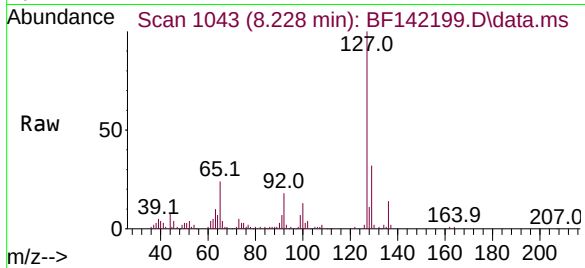




#33
4-Chloroaniline
Concen: 2.290 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.012 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

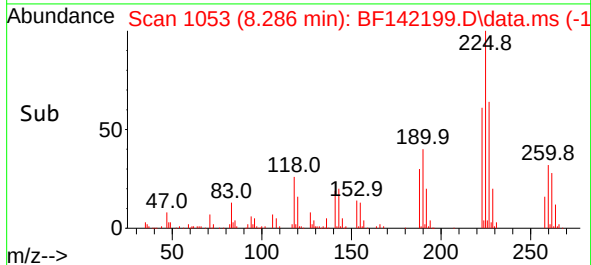
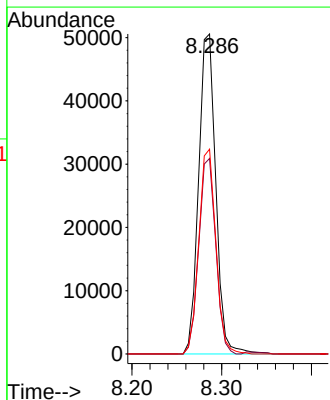
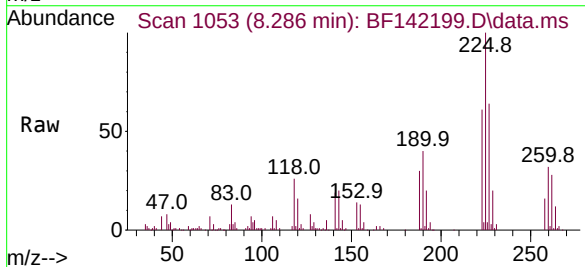
Instrument :
BNA_F
ClientSampleId :

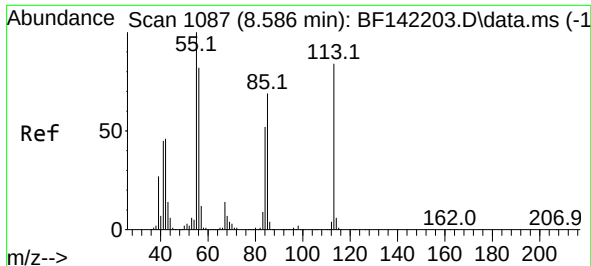
Tgt Ion:	127	Resp:	100239
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	23.7	21.8	32.6
92	18.2	15.8	23.6



#34
Hexachlorobutadiene
Concen: 2.612 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Tgt Ion:	225	Resp:	67130
Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.4	74.2
227	64.0	51.4	77.2

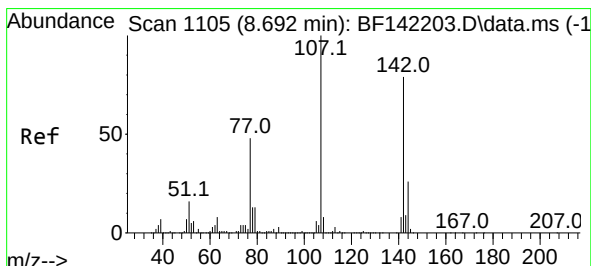
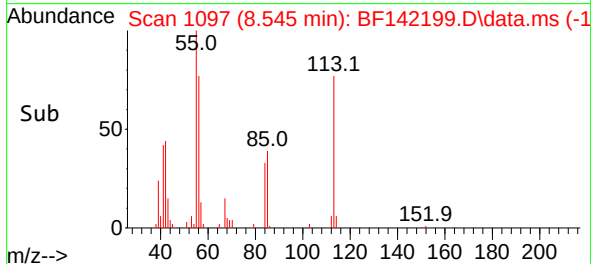
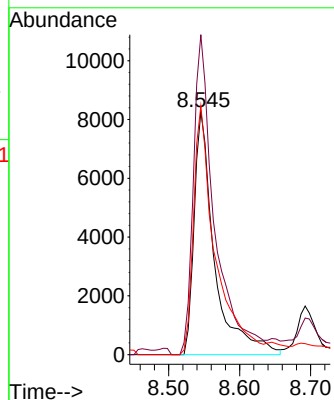
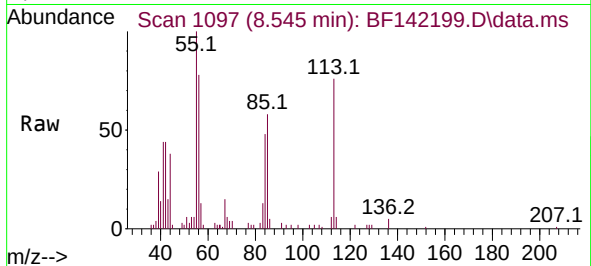




#35
 Caprolactam
 Concen: 1.512 ng
 RT: 8.545 min Scan# 1107
 Delta R.T. -0.041 min
 Lab File: BF142199.D
 Acq: 21 Apr 2025 11:13

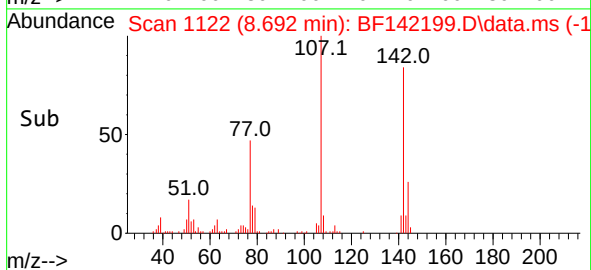
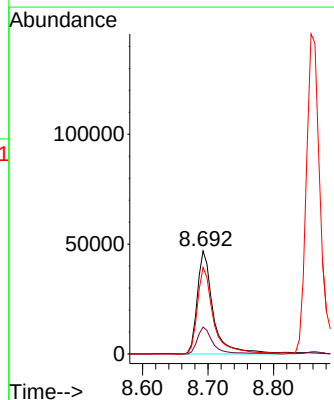
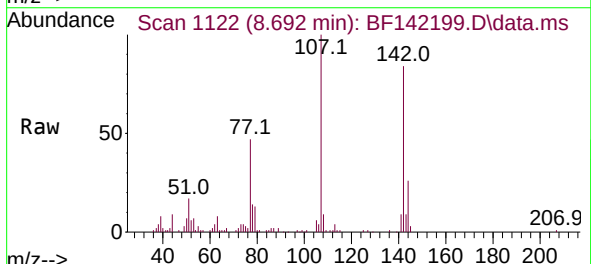
Instrument :
 BNA_F
 ClientSampleId :

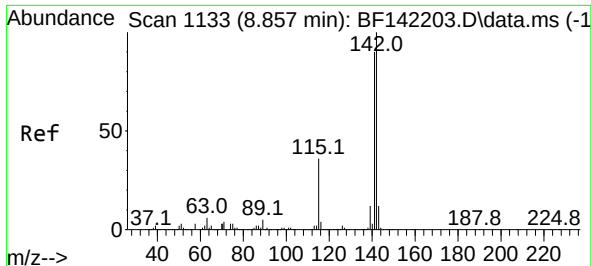
Tgt Ion:113 Resp: 16482
 Ion Ratio Lower Upper
 113 100
 55 131.7 99.5 139.5
 56 102.4 78.1 118.1



#36
 4-Chloro-3-methylphenol
 Concen: 1.993 ng
 RT: 8.692 min Scan# 1122
 Delta R.T. -0.000 min
 Lab File: BF142199.D
 Acq: 21 Apr 2025 11:13

Tgt Ion:107 Resp: 79512
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.6 30.8
 142 83.9 63.2 94.8





#37

2-Methylnaphthalene

Concen: 2.584 ng

RT: 8.857 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

Instrument :

BNA_F

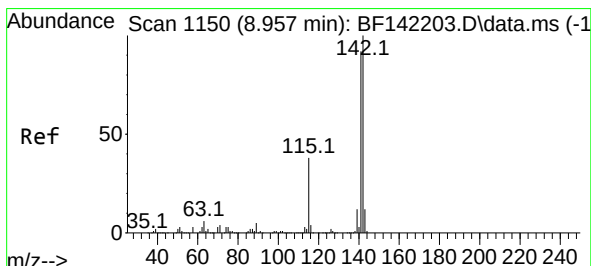
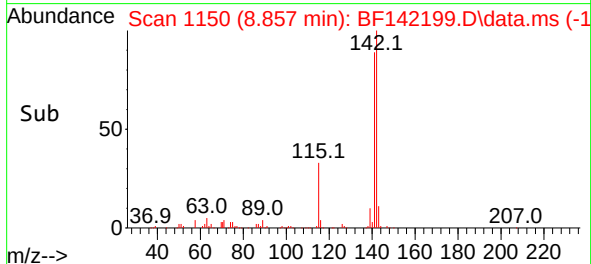
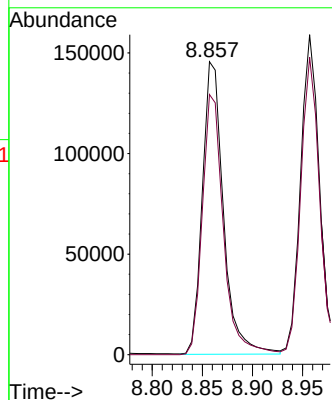
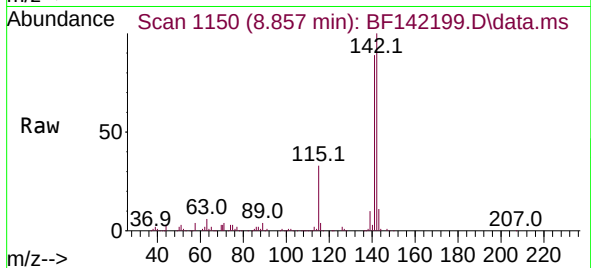
ClientSampleId :

Tgt Ion:142 Resp: 214139

Ion Ratio Lower Upper

142 100

141 88.8 71.9 107.9



#38

1-Methylnaphthalene

Concen: 2.655 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF142199.D

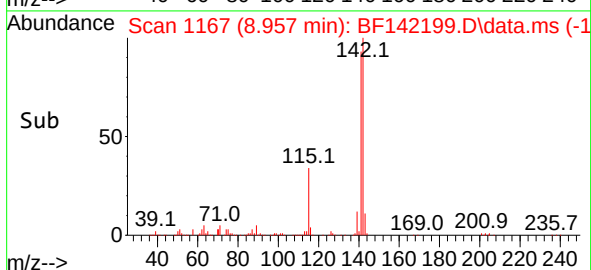
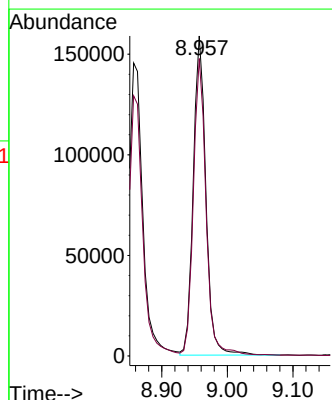
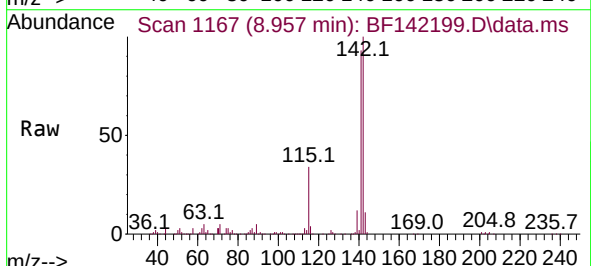
Acq: 21 Apr 2025 11:13

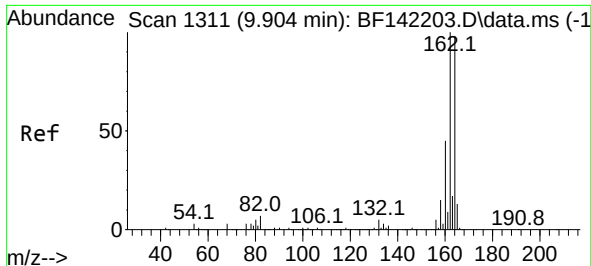
Tgt Ion:142 Resp: 212326

Ion Ratio Lower Upper

142 100

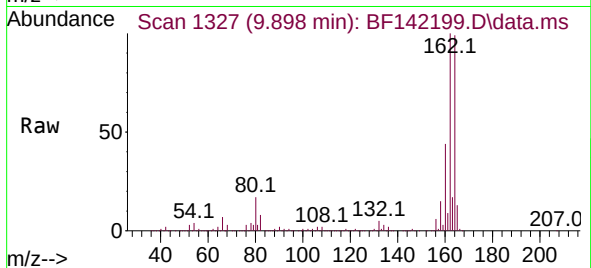
141 93.0 73.3 109.9



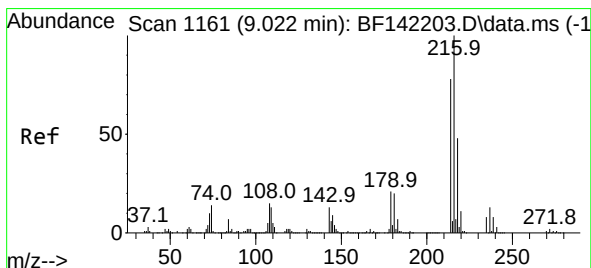
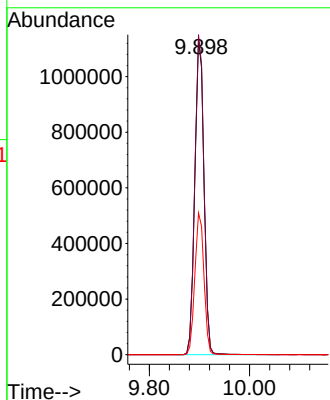
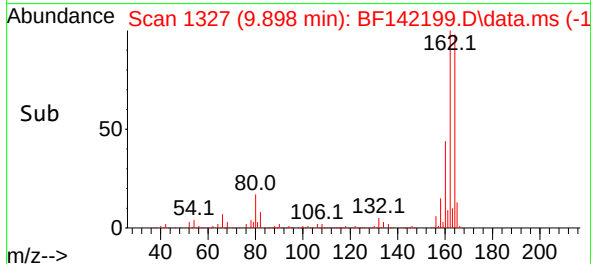


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

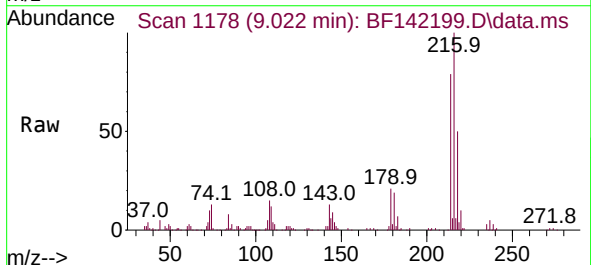
Instrument :
BNA_F
ClientSampleId :



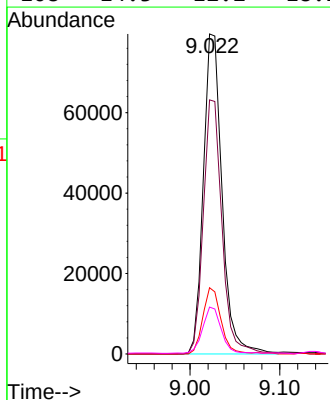
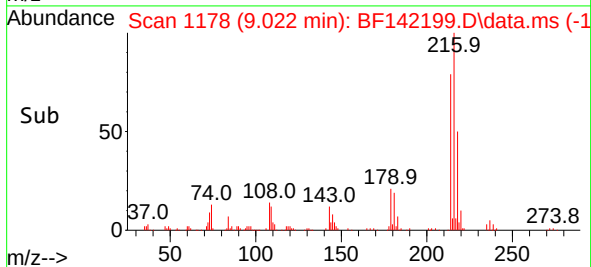
Tgt Ion:164 Resp: 1431118
Ion Ratio Lower Upper
164 100
162 101.4 81.9 122.9
160 45.0 36.8 55.2

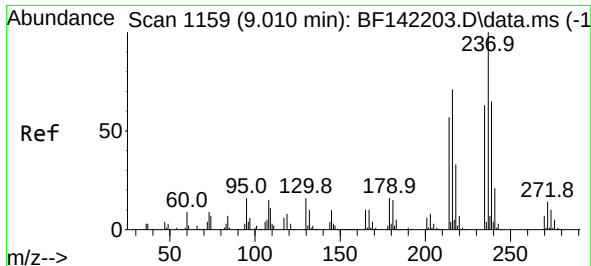


#40
1,2,4,5-Tetrachlorobenzene
Concen: 2.652 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13



Tgt Ion:216 Resp: 115544
Ion Ratio Lower Upper
216 100
214 79.1 62.7 94.1
179 19.9 16.7 25.1
108 14.3 12.2 18.2

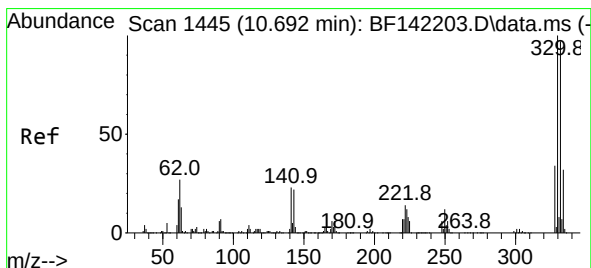
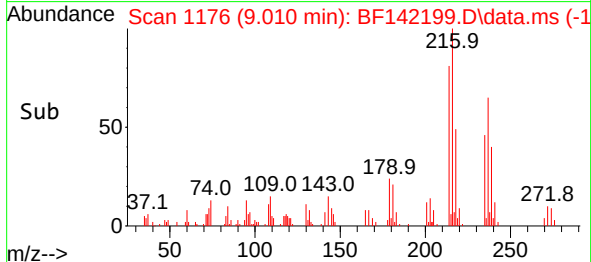
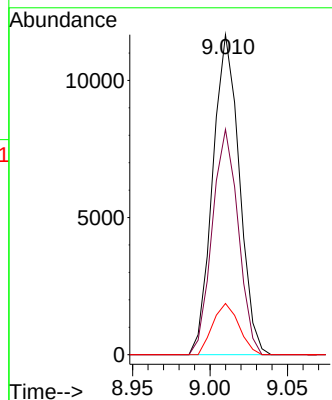
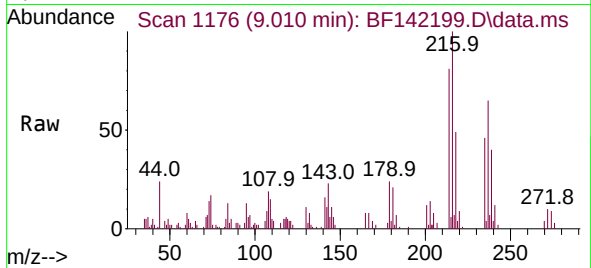




#41
Hexachlorocyclopentadiene
Concen: 0.818 ng
RT: 9.010 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

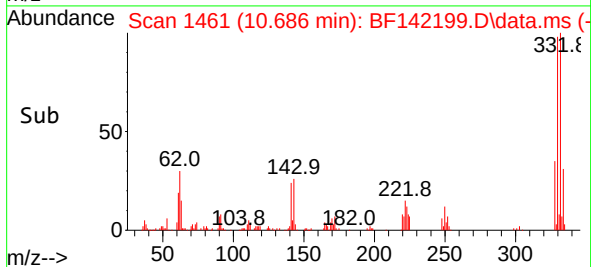
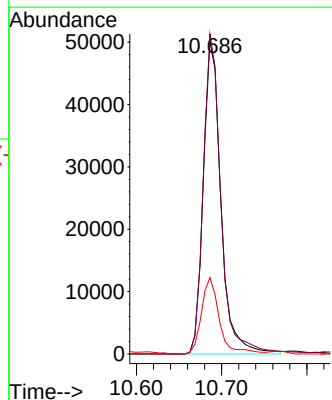
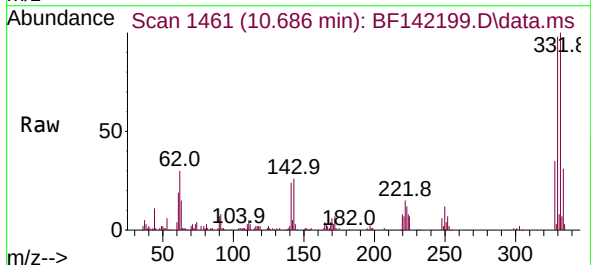
Instrument :
BNA_F
ClientSampleId :

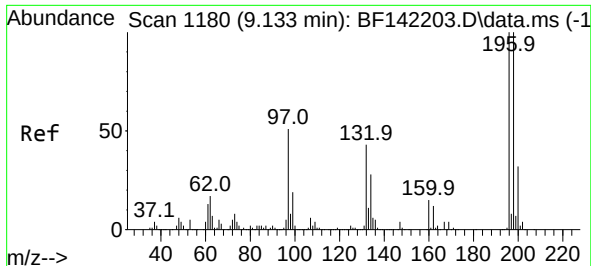
Tgt Ion:237 Resp: 13942
Ion Ratio Lower Upper
237 100
235 70.4 42.6 82.6
272 16.0 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 3.978 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Tgt Ion:330 Resp: 72224
Ion Ratio Lower Upper
330 100
332 102.4 77.1 115.7
141 24.6 18.9 28.3





#43

2,4,6-Trichlorophenol

Concen: 1.784 ng

RT: 9.139 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

Instrument :

BNA_F

ClientSampleId :

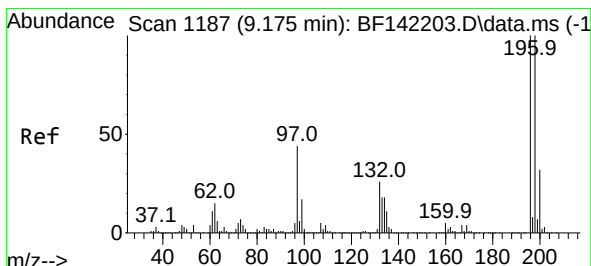
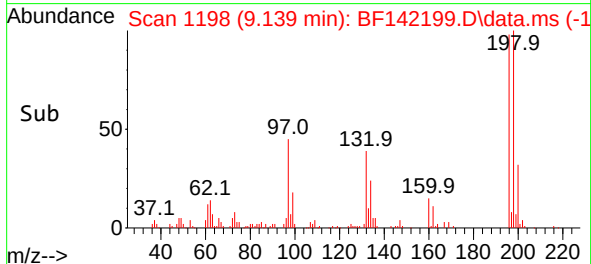
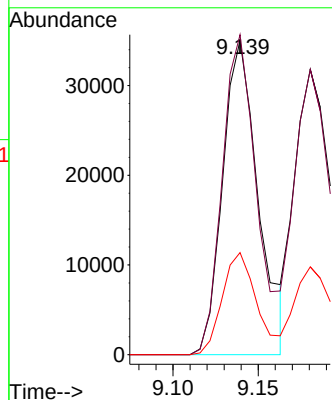
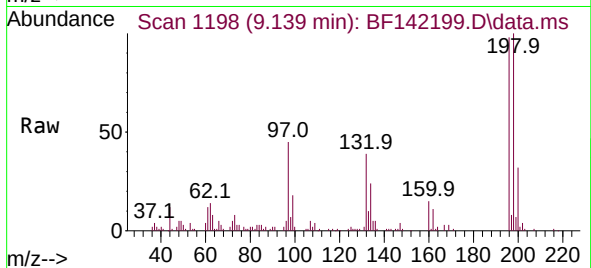
Tgt Ion:196 Resp: 50797

Ion Ratio Lower Upper

196 100

198 101.8 80.0 120.0

200 32.5 25.6 38.4



#44

2,4,5-Trichlorophenol

Concen: 1.980 ng

RT: 9.181 min Scan# 1205

Delta R.T. 0.006 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

Tgt Ion:196 Resp: 57094

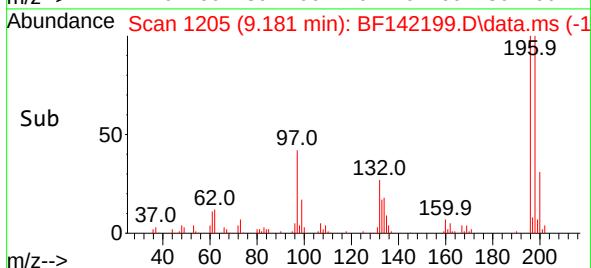
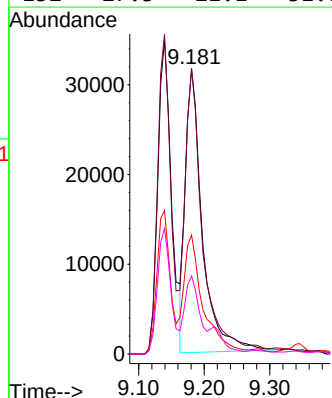
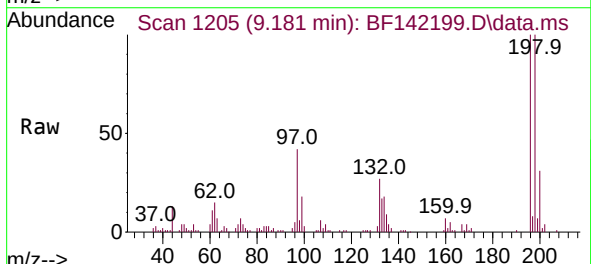
Ion Ratio Lower Upper

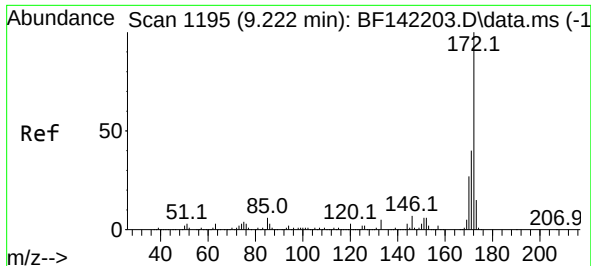
196 100

198 100.0 80.0 120.0

97 41.7 35.9 53.9

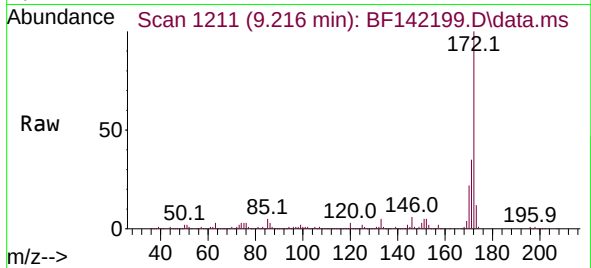
132 27.3 21.1 31.7



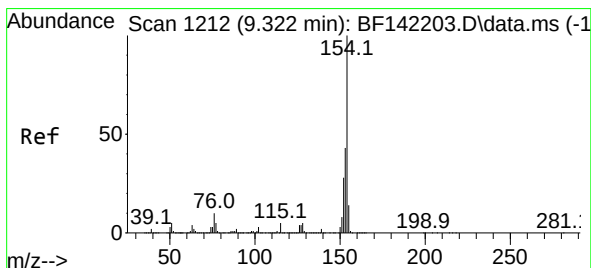
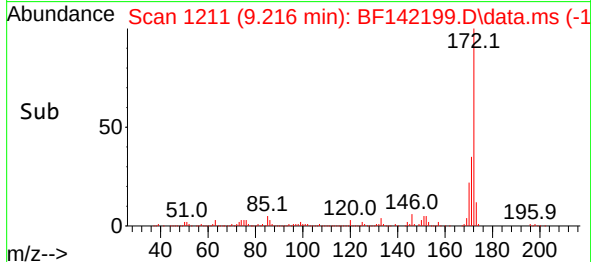
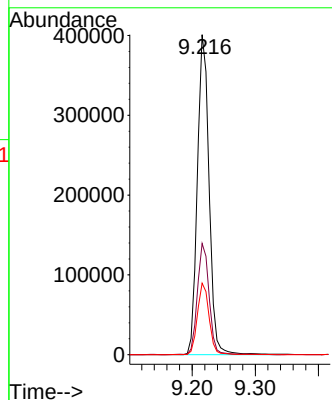


#45
2-Fluorobiphenyl
Concen: 5.489 ng
RT: 9.216 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Instrument :
BNA_F
ClientSampleId :

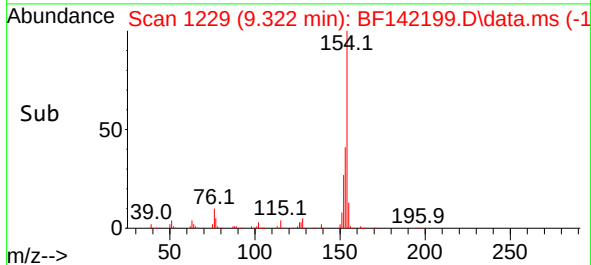
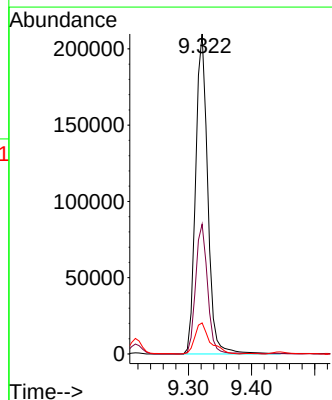
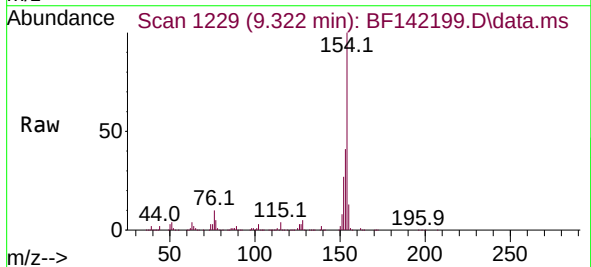


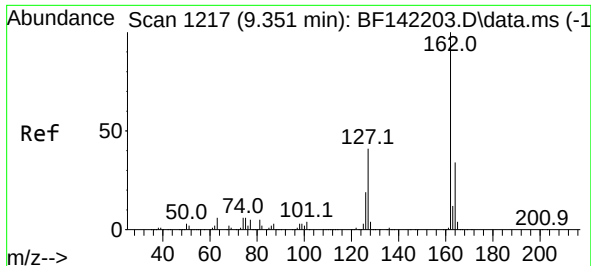
Tgt Ion:172 Resp: 516486
Ion Ratio Lower Upper
172 100
171 34.8 32.1 48.1
170 22.3 21.4 32.0



#46
1,1'-Biphenyl
Concen: 2.575 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Tgt Ion:154 Resp: 279980
Ion Ratio Lower Upper
154 100
153 40.6 22.5 62.5
76 9.7 0.0 30.4

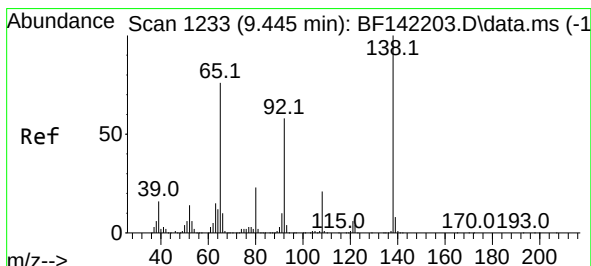
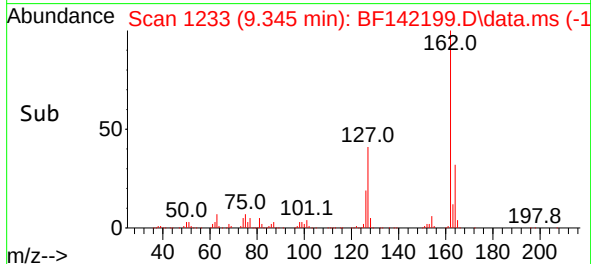
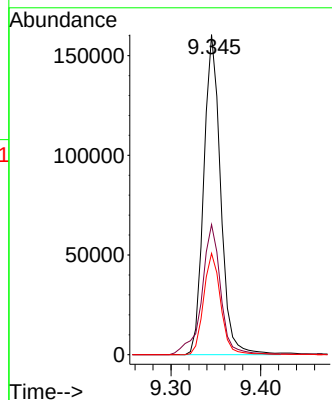
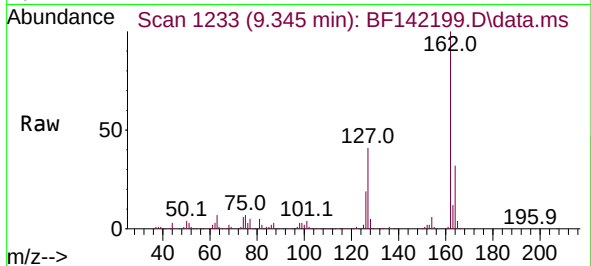




#47
2-Chloronaphthalene
Concen: 2.593 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

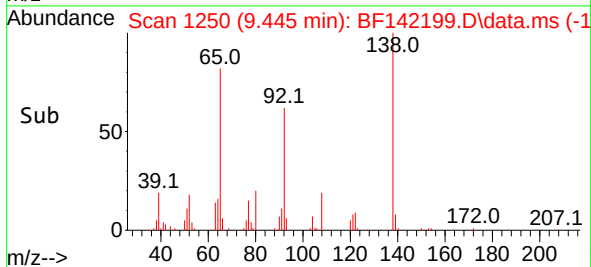
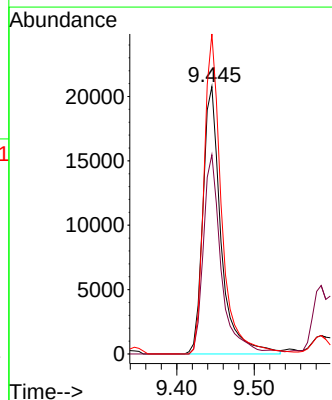
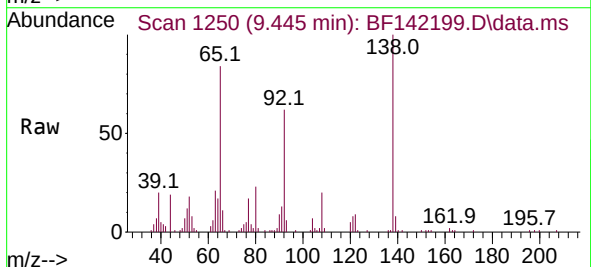
Instrument :
BNA_F
ClientSampleId :

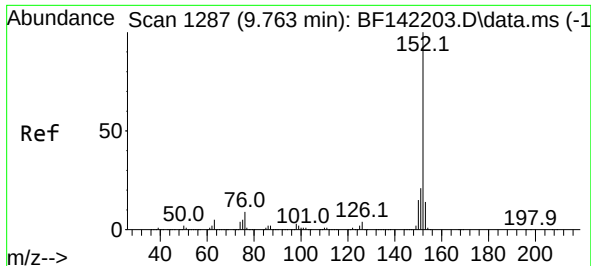
Tgt Ion:162 Resp: 210149
Ion Ratio Lower Upper
162 100
127 40.6 33.1 49.7
164 31.6 27.1 40.7



#48
2-Nitroaniline
Concen: 1.438 ng
RT: 9.445 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Tgt Ion: 65 Resp: 33744
Ion Ratio Lower Upper
65 100
92 74.5 61.4 92.0
138 119.7 105.8 158.6

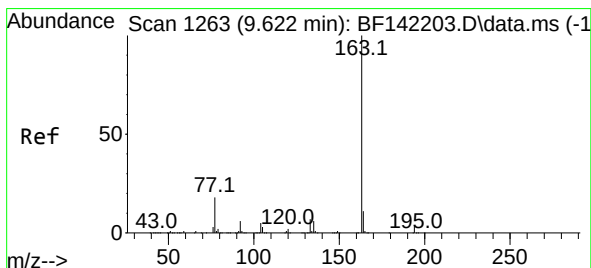
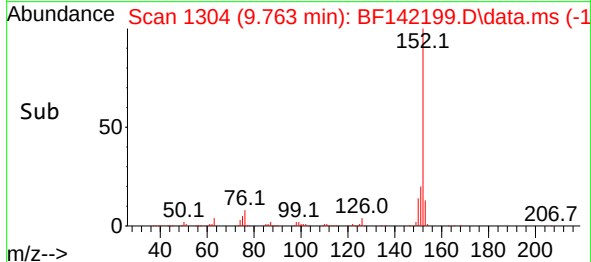
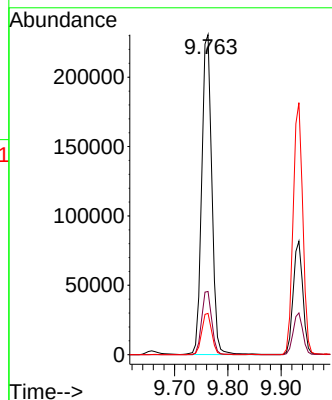
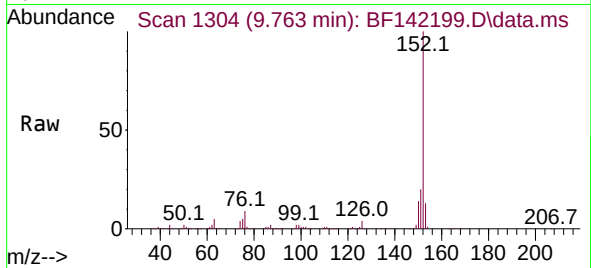




#49
Acenaphthylene
Concen: 2.517 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

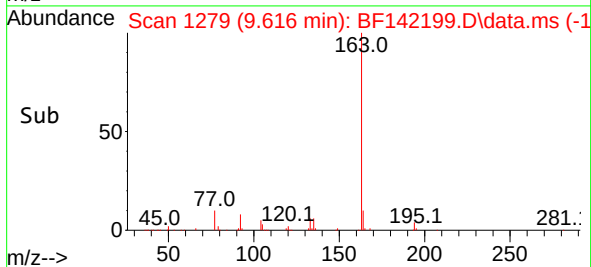
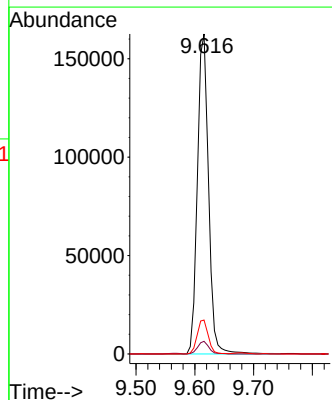
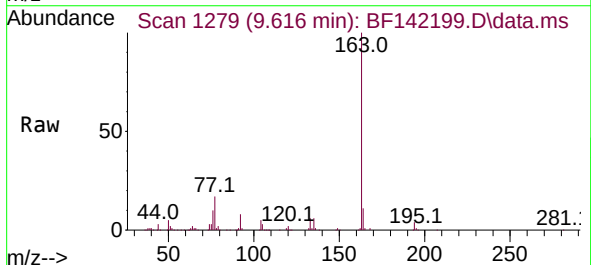
Instrument :
BNA_F
ClientSampleId :

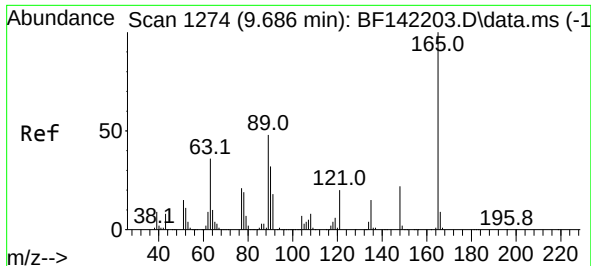
Tgt Ion:152 Resp: 302746
Ion Ratio Lower Upper
152 100
151 19.8 16.9 25.3
153 12.9 11.6 17.4



#50
Dimethylphthalate
Concen: 2.138 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

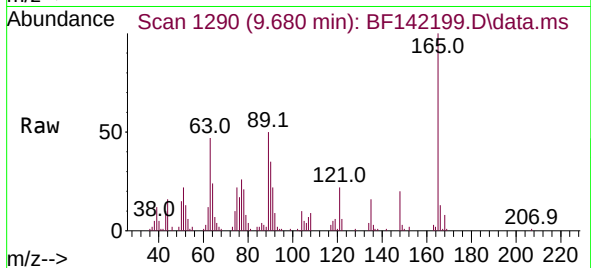
Tgt Ion:163 Resp: 214269
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.6 8.6 12.8



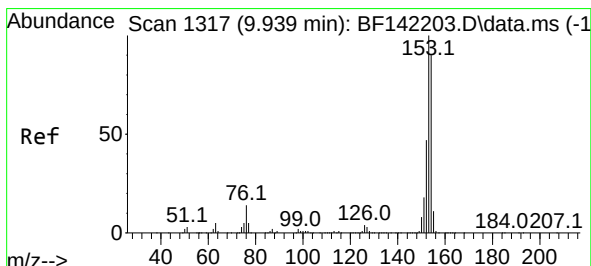
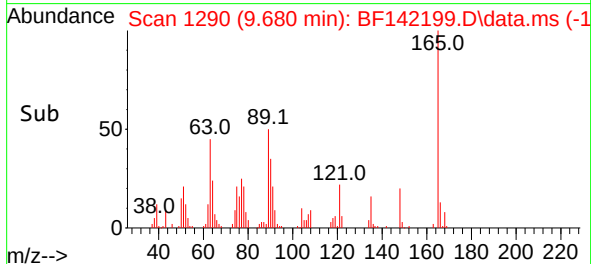
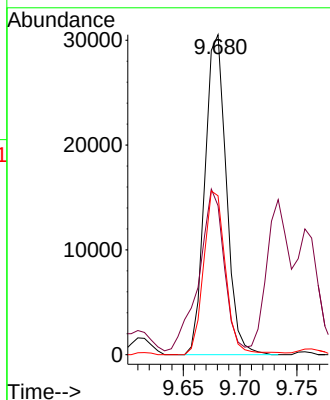


#51
2,6-Dinitrotoluene
Concen: 1.916 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Instrument :
BNA_F
ClientSampleId :

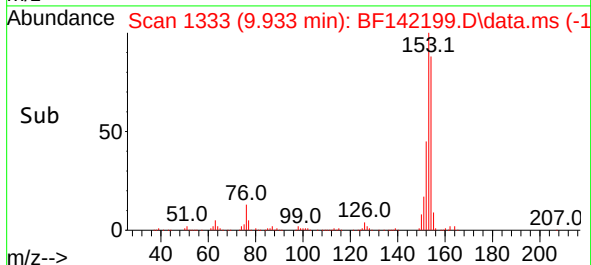
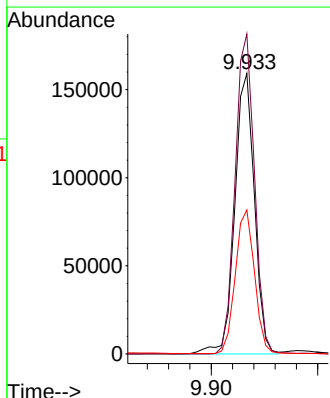
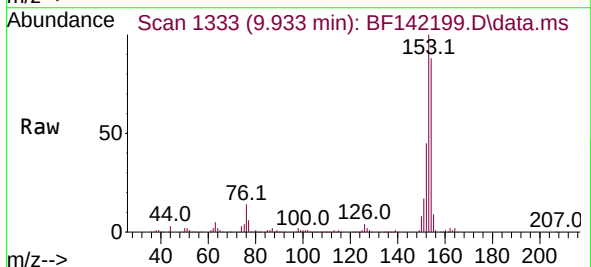


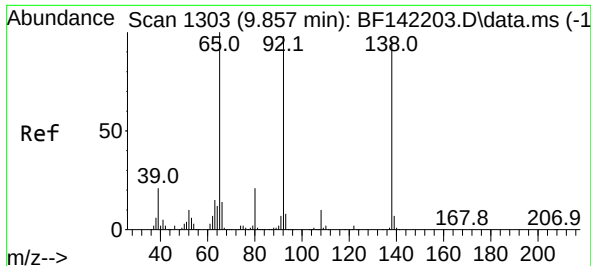
Tgt Ion:165 Resp: 39985
Ion Ratio Lower Upper
165 100
63 46.6 35.4 53.2
89 49.7 38.6 58.0



#52
Acenaphthene
Concen: 2.417 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Tgt Ion:154 Resp: 204304
Ion Ratio Lower Upper
154 100
153 114.1 89.0 133.4
152 51.4 41.8 62.8

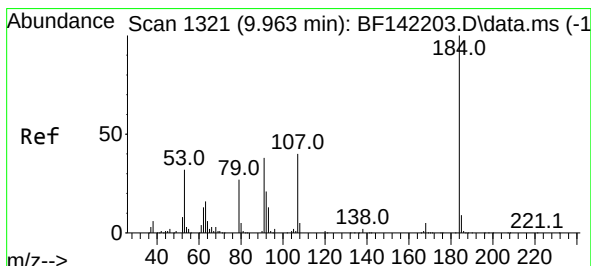
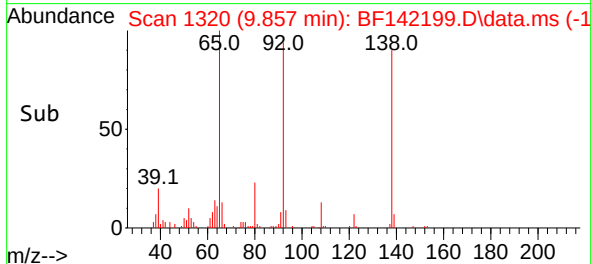
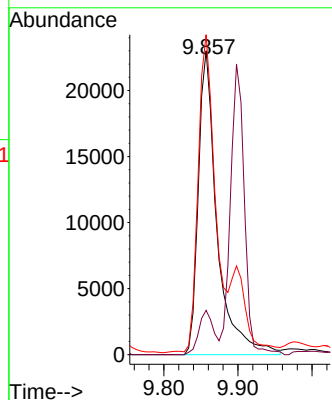
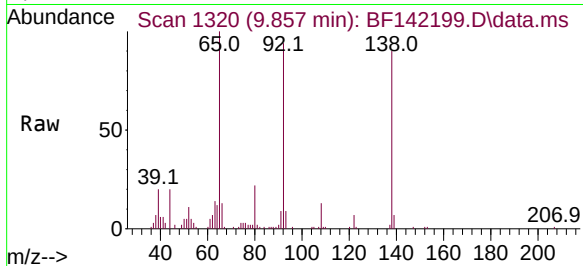




#53
3-Nitroaniline
Concen: 1.906 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

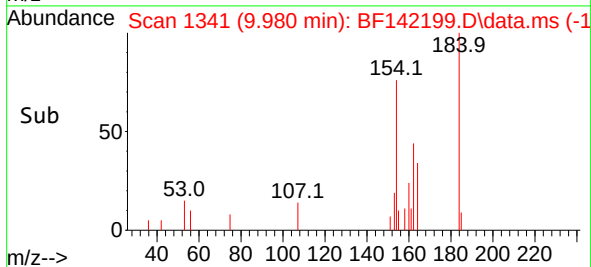
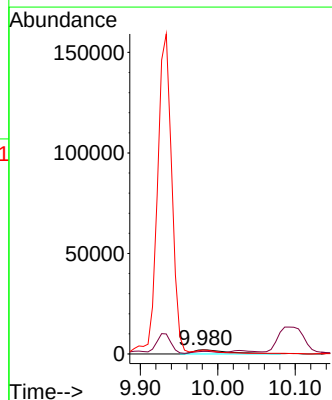
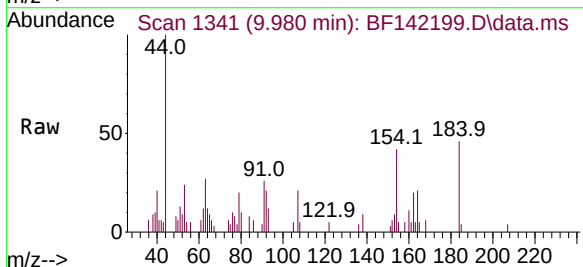
Instrument :
BNA_F
ClientSampleId :

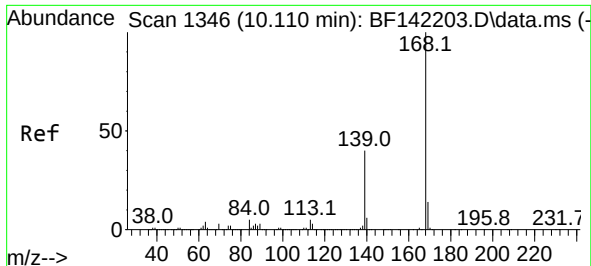
Tgt Ion:138 Resp: 40352
Ion Ratio Lower Upper
138 100
108 14.6 8.5 12.7#
92 105.3 81.8 122.8



#54
2,4-Dinitrophenol
Concen: 0.660 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Tgt Ion:184 Resp: 6558
Ion Ratio Lower Upper
184 100
63 59.3 39.0 58.4#
154 90.5 52.2 78.4#

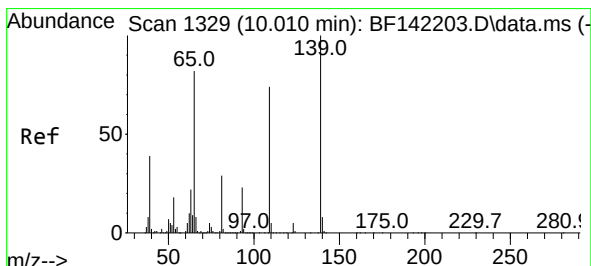
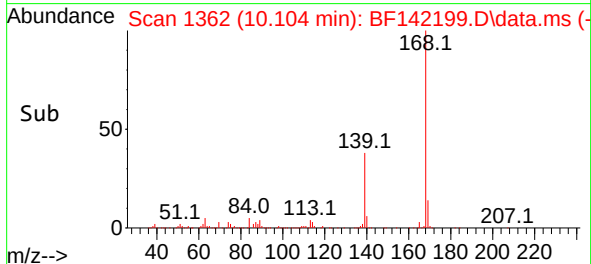
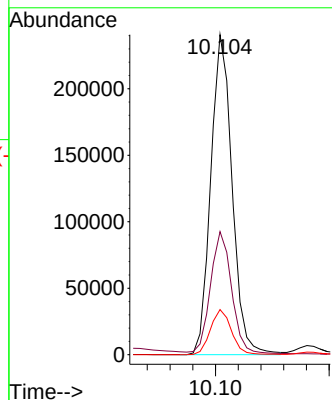
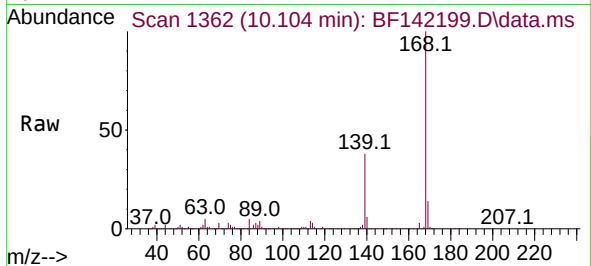




#55
Dibenzenofuran
Concen: 2.602 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

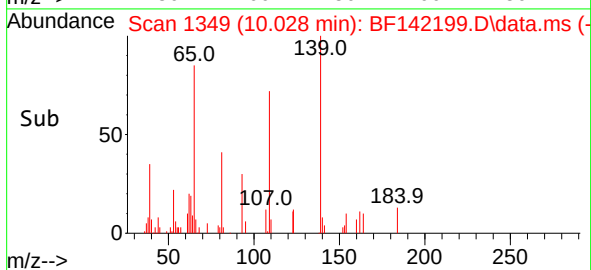
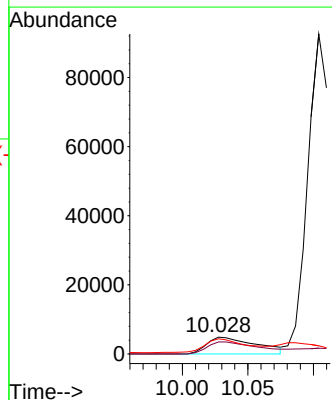
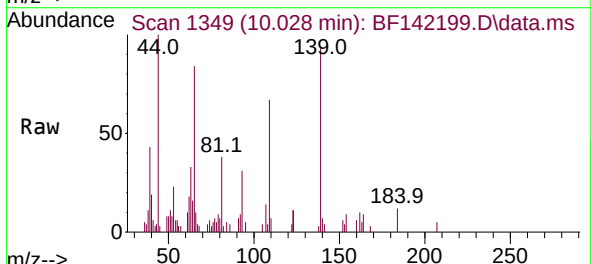
Instrument :
BNA_F
ClientSampleId :

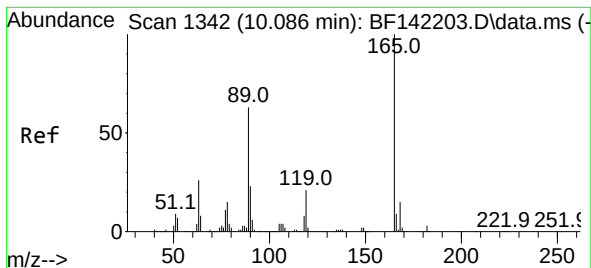
Tgt Ion:168 Resp: 314262
Ion Ratio Lower Upper
168 100
139 38.5 32.3 48.5
169 14.1 11.4 17.0



#56
4-Nitrophenol
Concen: 0.799 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.018 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

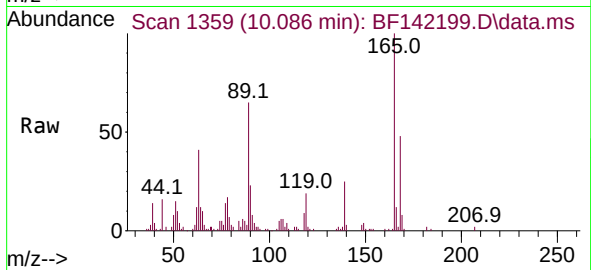
Tgt Ion:139 Resp: 12759
Ion Ratio Lower Upper
139 100
109 72.3 54.1 94.1
65 90.7 62.1 102.1



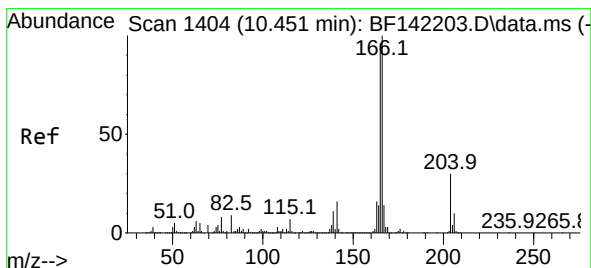
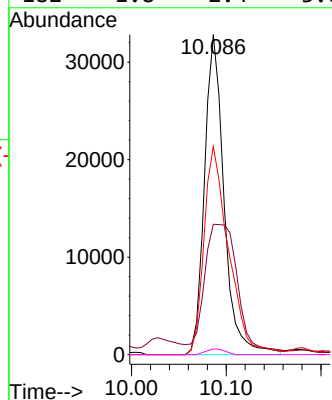
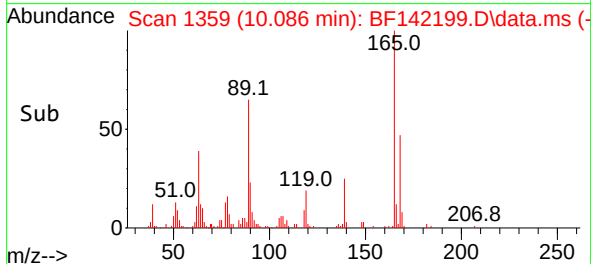


#57
2,4-Dinitrotoluene
Concen: 1.730 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

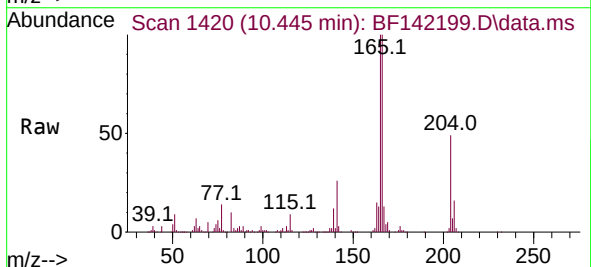
Instrument :
BNA_F
ClientSampleId :



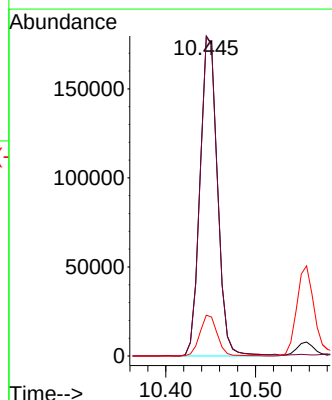
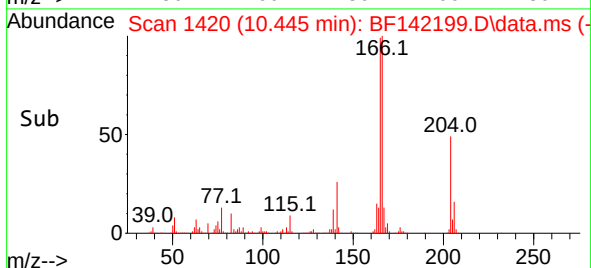
Tgt Ion:165 Resp: 47151
Ion Ratio Lower Upper
165 100
63 40.7 29.0 43.6
89 65.1 50.1 75.1
182 1.8 2.4 3.6#

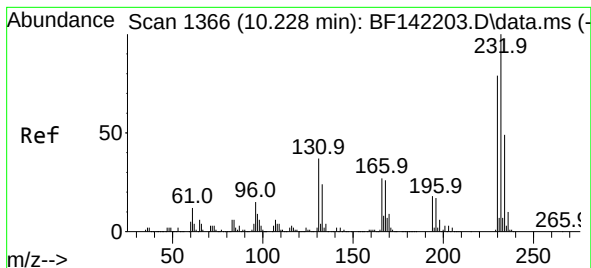


#58
Fluorene
Concen: 2.605 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13



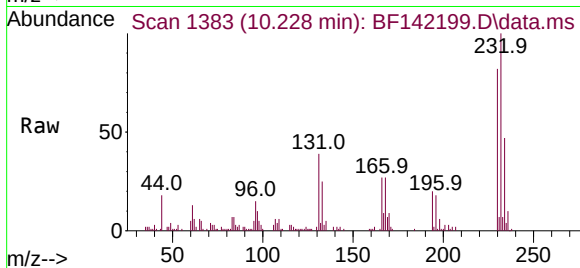
Tgt Ion:166 Resp: 242602
Ion Ratio Lower Upper
166 100
165 99.7 77.1 115.7
167 12.8 11.0 16.4



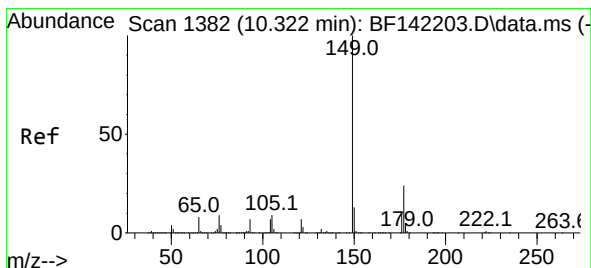
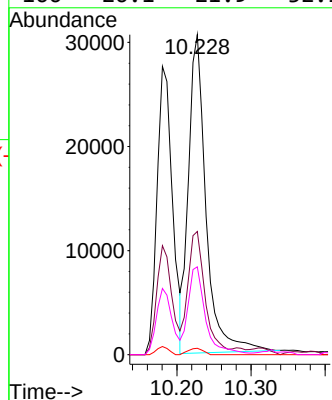
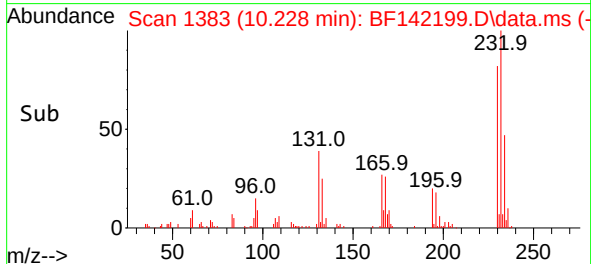


#59
2,3,4,6-Tetrachlorophenol
Concen: 1.915 ng
RT: 10.228 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

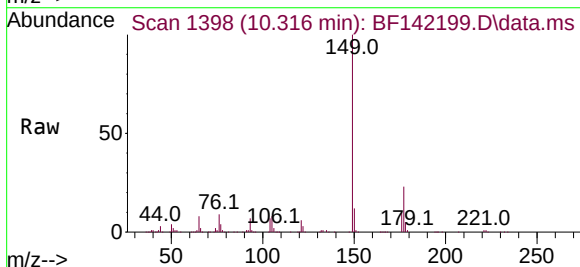
Instrument :
BNA_F
ClientSampleId :



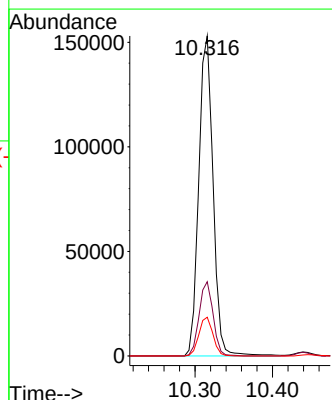
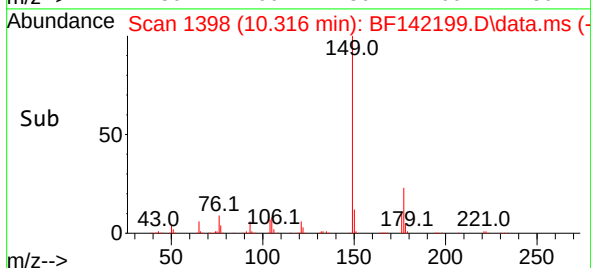
Tgt Ion:232 Resp: 50244
Ion Ratio Lower Upper
232 100
131 38.5 31.9 47.9
130 1.7 1.6 2.4
166 26.1 21.9 32.9

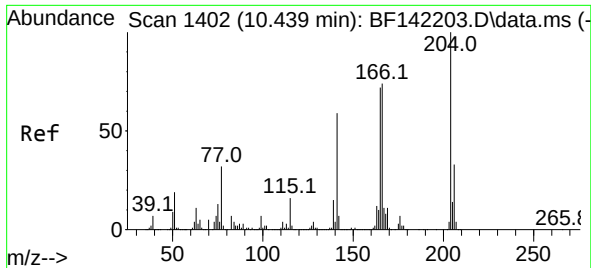


#60
Diethylphthalate
Concen: 1.960 ng
RT: 10.316 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13



Tgt Ion:149 Resp: 195852
Ion Ratio Lower Upper
149 100
177 23.2 19.6 29.4
150 12.1 10.6 15.8

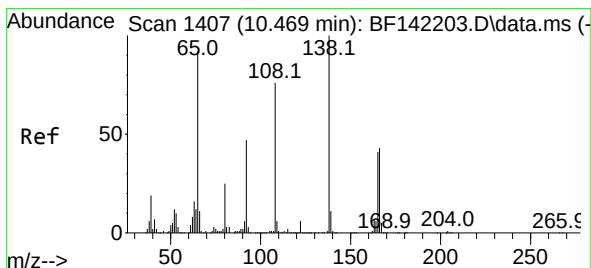
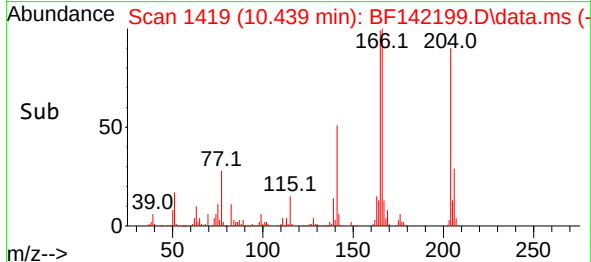
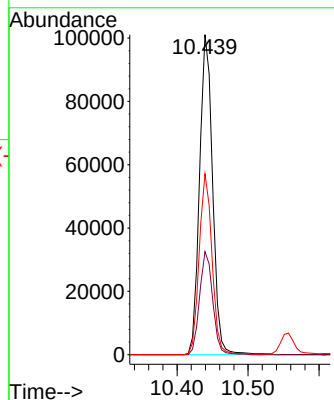
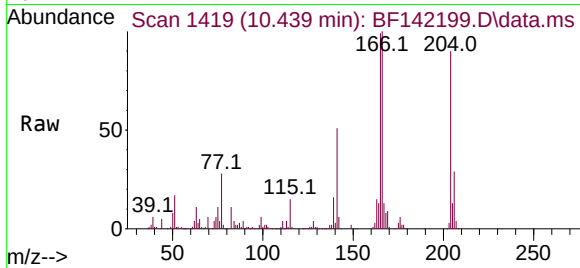




#61
4-Chlorophenyl-phenylether
Concen: 2.669 ng
RT: 10.439 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

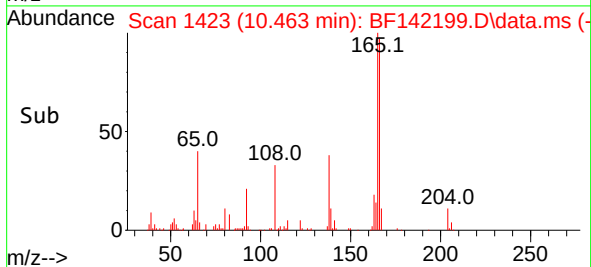
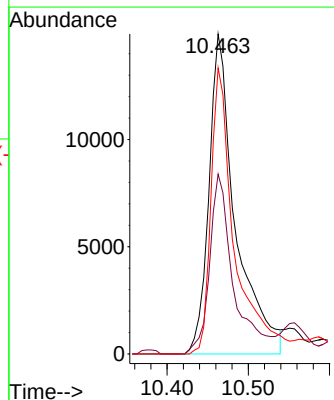
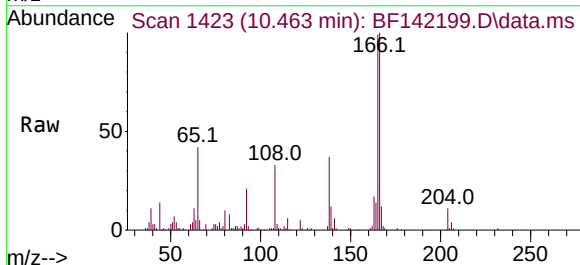
Instrument :
BNA_F
ClientSampleId :

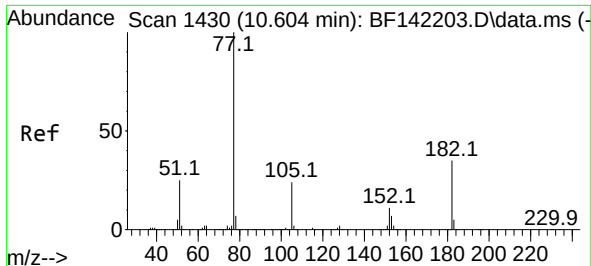
Tgt Ion:204 Resp: 129608
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 56.5 47.0 70.6



#62
4-Nitroaniline
Concen: 1.646 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

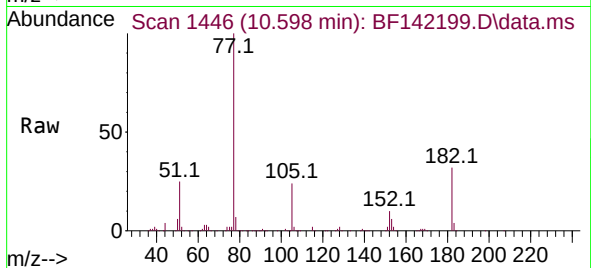
Tgt Ion:138 Resp: 33924
Ion Ratio Lower Upper
138 100
92 56.2 26.7 66.7
108 89.4 56.5 96.5



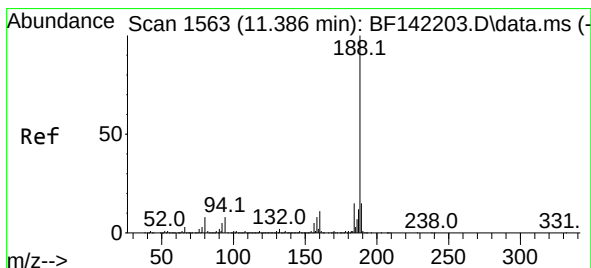
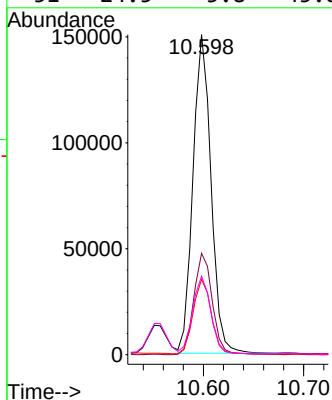
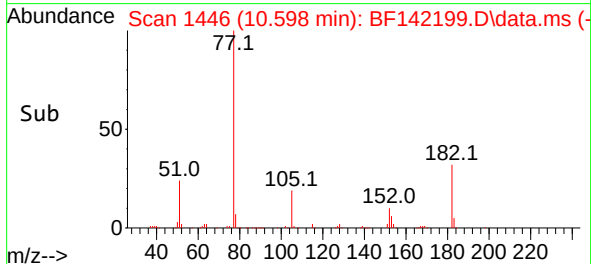


#63
Azobenzene
Concen: 2.020 ng
RT: 10.598 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

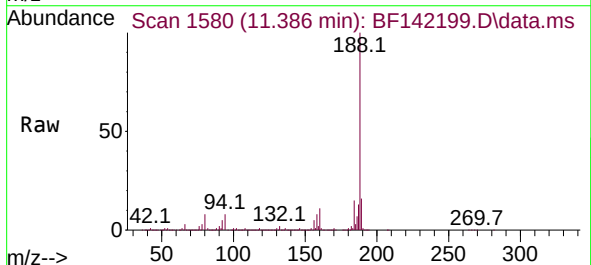
Instrument :
BNA_F
ClientSampleId :



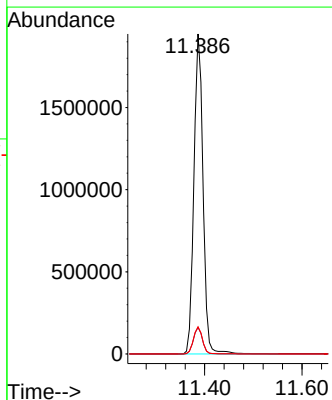
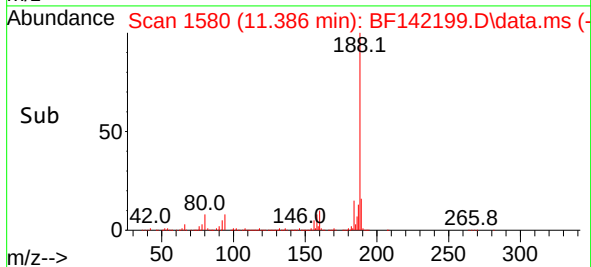
Tgt Ion: 77 Resp: 187689
Ion Ratio Lower Upper
77 100
182 31.7 14.8 54.8
105 23.6 4.0 44.0
51 24.5 5.8 45.8

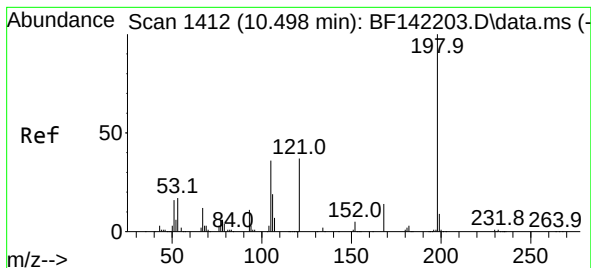


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13



Tgt Ion:188 Resp: 2538453
Ion Ratio Lower Upper
188 100
94 8.3 6.3 9.5
80 8.5 6.7 10.1

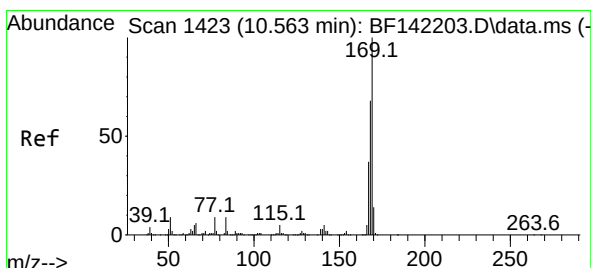
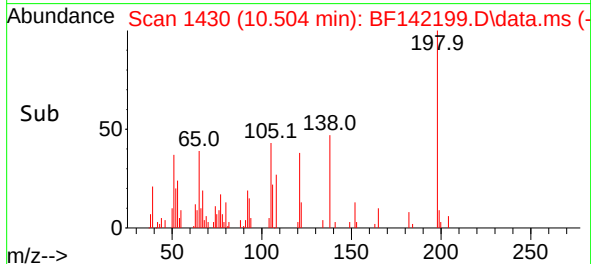
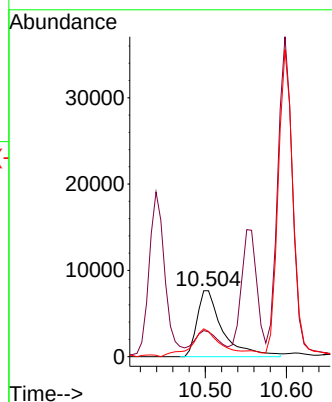
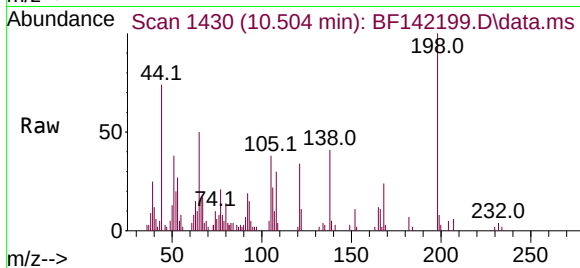




#65
4,6-Dinitro-2-methylphenol
Concen: 1.107 ng
RT: 10.504 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

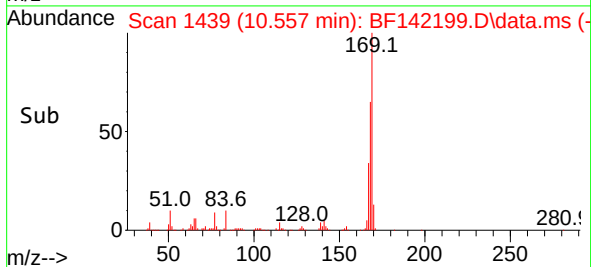
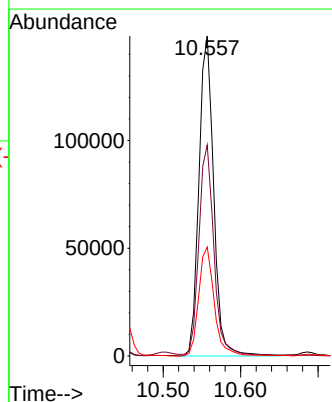
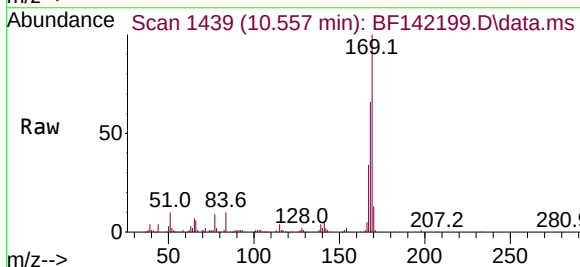
Instrument :
BNA_F
ClientSampleId :

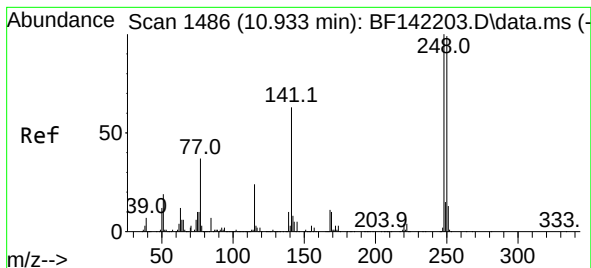
Tgt Ion:198 Resp: 16749
Ion Ratio Lower Upper
198 100
51 37.7 10.2 50.2
105 38.4 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 2.386 ng
RT: 10.557 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Tgt Ion:169 Resp: 196025
Ion Ratio Lower Upper
169 100
168 65.9 54.2 81.2
167 34.1 29.4 44.2

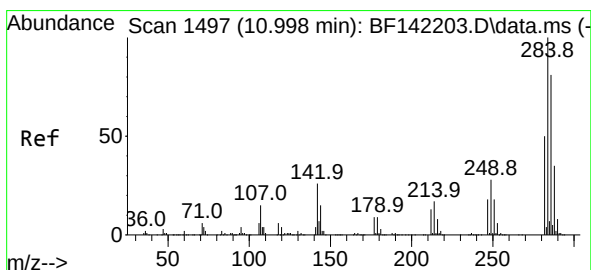
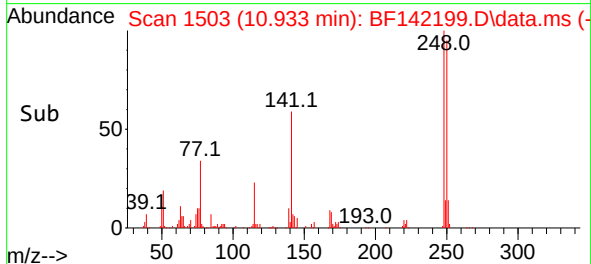
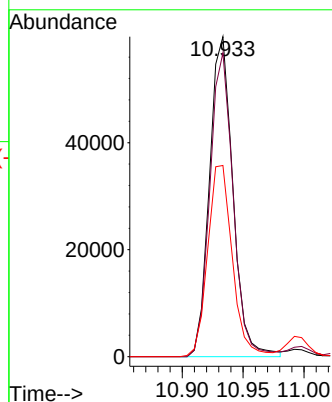
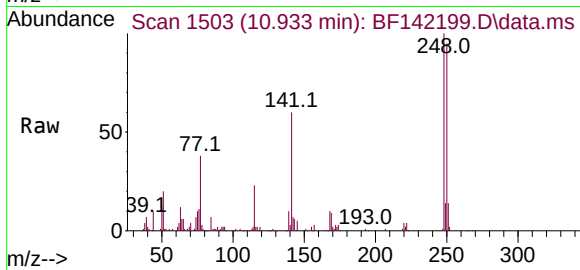




#67
4-Bromophenyl-phenylether
Concen: 2.514 ng
RT: 10.933 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

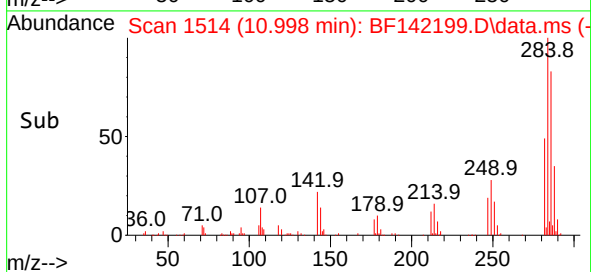
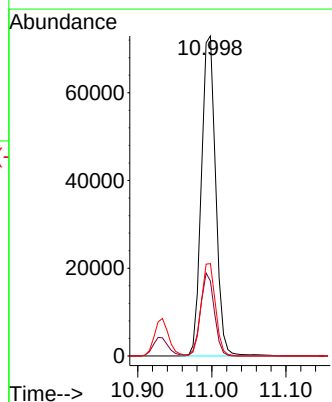
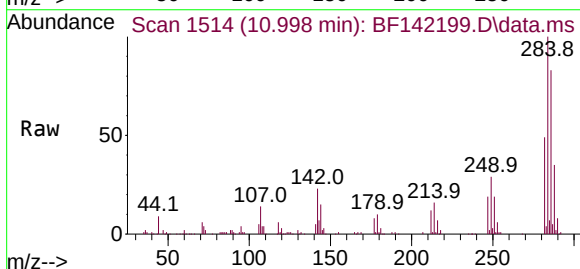
Instrument :
BNA_F
ClientSampleId :

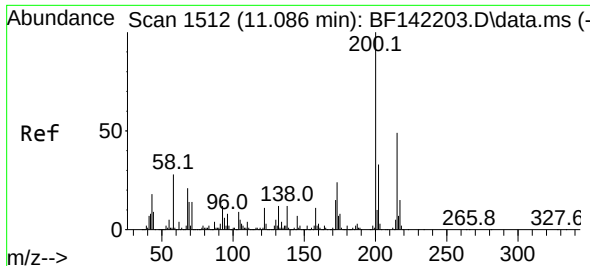
Tgt Ion:248 Resp: 80131
Ion Ratio Lower Upper
248 100
250 95.0 78.8 118.2
141 59.7 50.6 75.8



#68
Hexachlorobenzene
Concen: 2.793 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Tgt Ion:284 Resp: 97649
Ion Ratio Lower Upper
284 100
142 23.4 20.7 31.1
249 28.8 22.8 34.2

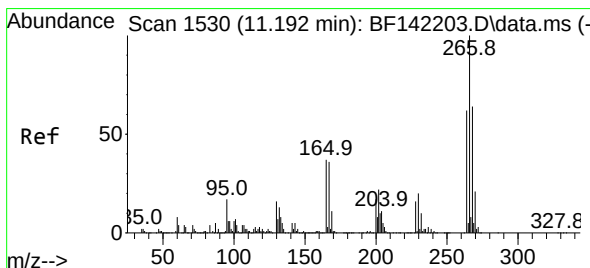
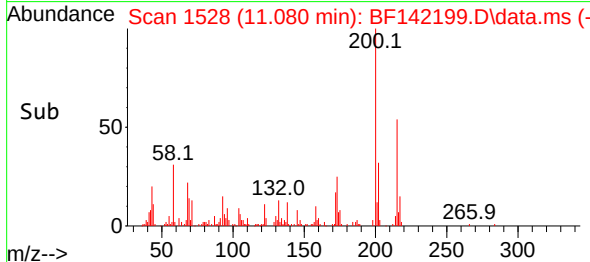
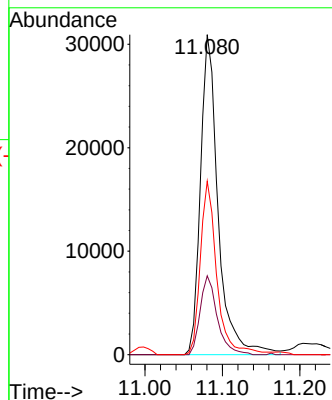
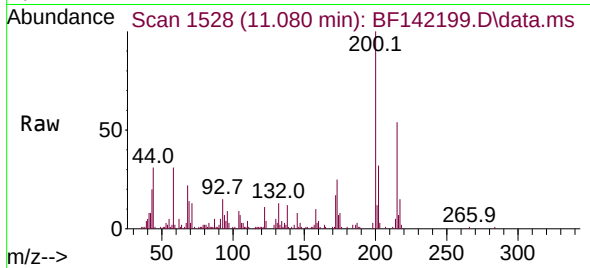




#69
 Atrazine
 Concen: 1.945 ng
 RT: 11.080 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142199.D
 Acq: 21 Apr 2025 11:13

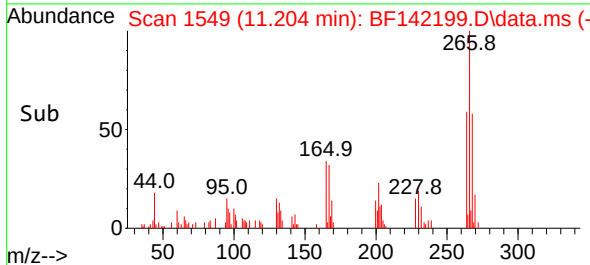
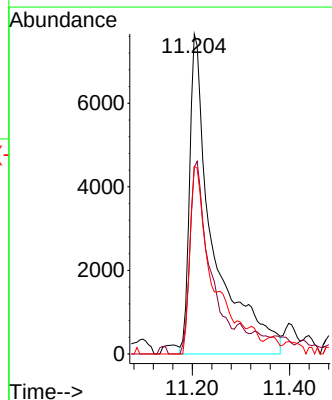
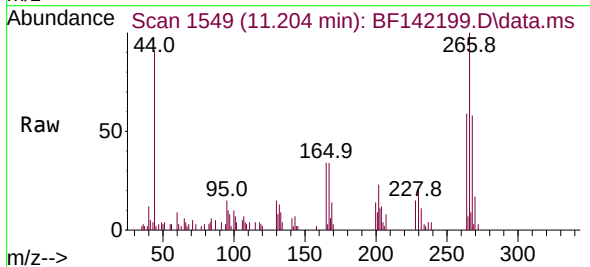
Instrument :
 BNA_F
 ClientSampleId :

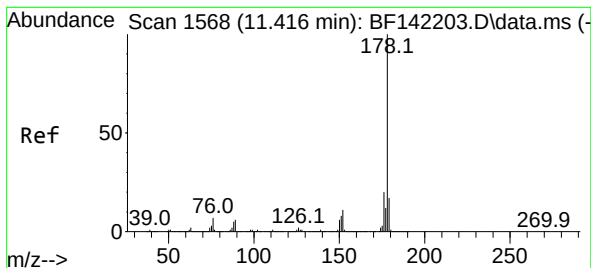
Tgt Ion:200 Resp: 48986
 Ion Ratio Lower Upper
 200 100
 173 24.6 4.4 44.4
 215 54.2 28.6 68.6



#70
 Pentachlorophenol
 Concen: 1.194 ng
 RT: 11.204 min Scan# 1549
 Delta R.T. 0.012 min
 Lab File: BF142199.D
 Acq: 21 Apr 2025 11:13

Tgt Ion:266 Resp: 25715
 Ion Ratio Lower Upper
 266 100
 268 58.4 50.9 76.3
 264 65.2 49.4 74.2





#71

Phenanthrene

Concen: 2.588 ng

RT: 11.410 min Scan# 1593

Delta R.T. -0.006 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

Instrument :

BNA_F

ClientSampleId :

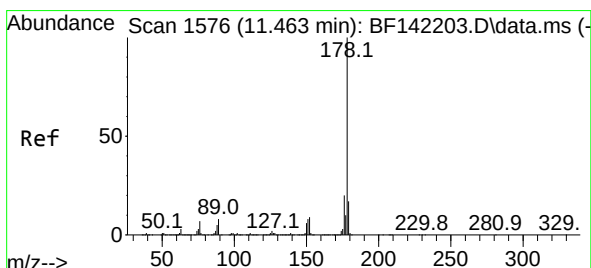
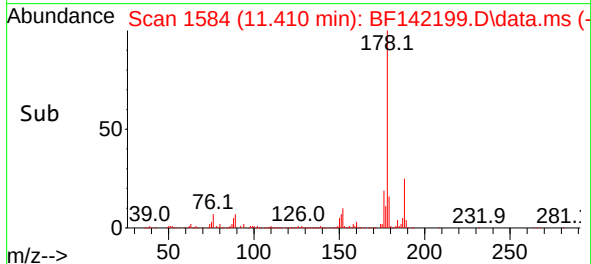
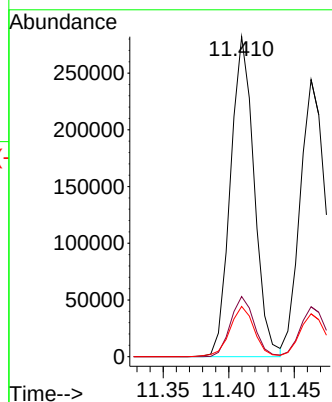
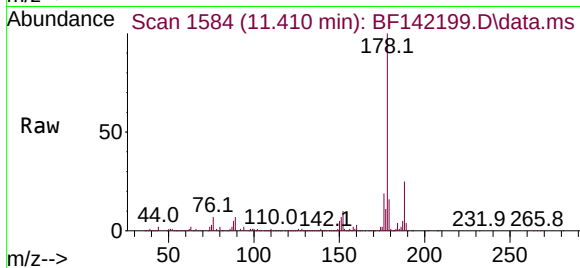
Tgt Ion:178 Resp: 354873

Ion Ratio Lower Upper

178 100

176 18.8 16.3 24.5

179 15.7 13.3 19.9



#72

Anthracene

Concen: 2.494 ng

RT: 11.463 min Scan# 1593

Delta R.T. -0.000 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

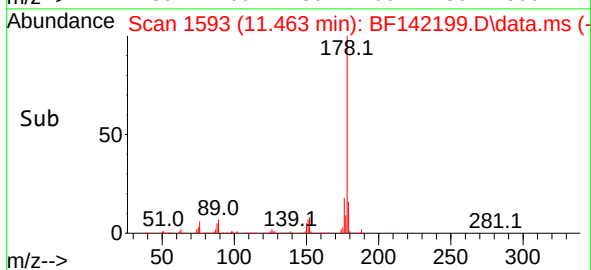
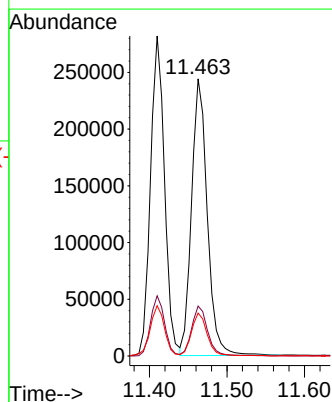
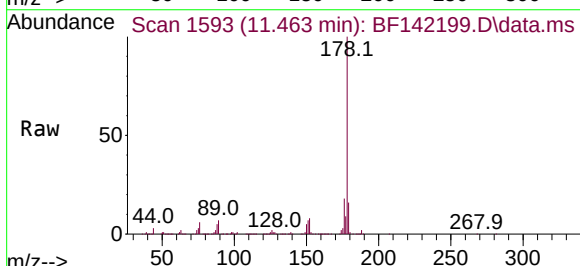
Tgt Ion:178 Resp: 343011

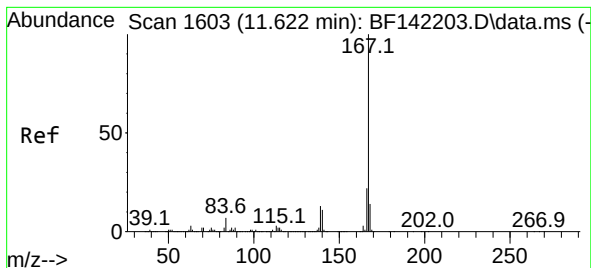
Ion Ratio Lower Upper

178 100

176 18.0 15.6 23.4

179 15.5 13.4 20.0





#73

Carbazole

Concen: 2.443 ng

RT: 11.627 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

Instrument :

BNA_F

ClientSampleId :

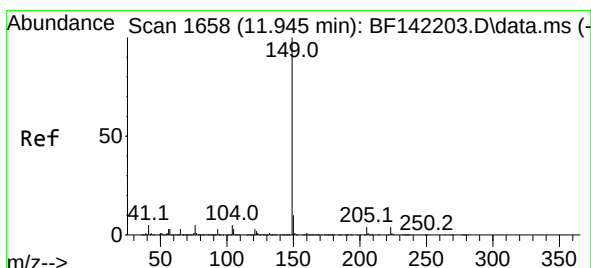
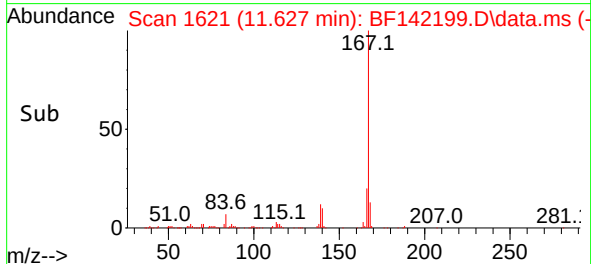
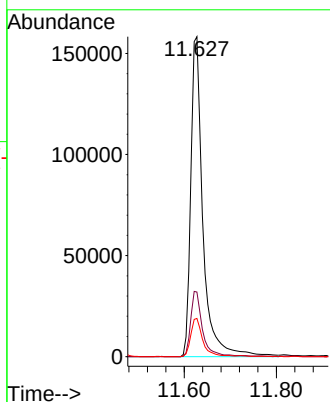
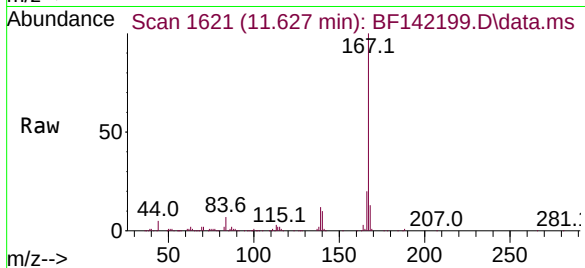
Tgt Ion:167 Resp: 289873

Ion Ratio Lower Upper

167 100

166 20.2 17.4 26.2

139 12.0 10.7 16.1



#74

Di-n-butylphthalate

Concen: 1.490 ng

RT: 11.945 min Scan# 1675

Delta R.T. -0.000 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

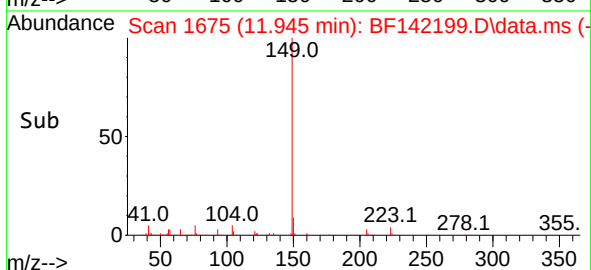
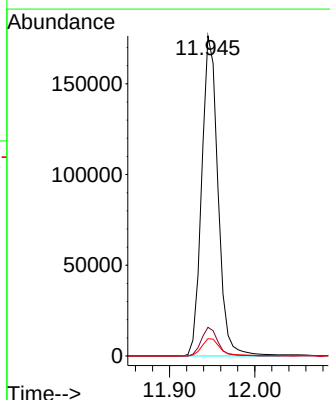
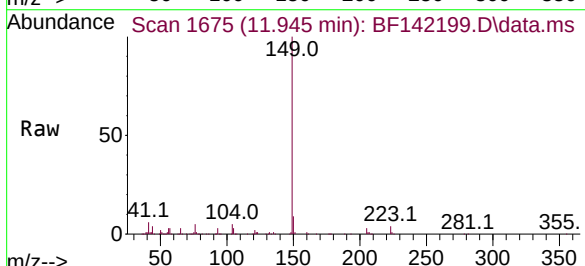
Tgt Ion:149 Resp: 234493

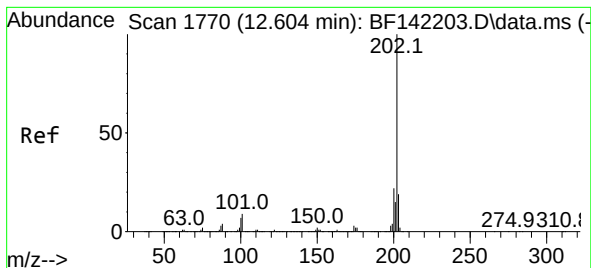
Ion Ratio Lower Upper

149 100

150 8.9 7.9 11.9

104 5.4 4.0 6.0





#75

Fluoranthene

Concen: 2.516 ng

RT: 12.604 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

Instrument :

BNA_F

ClientSampleId :

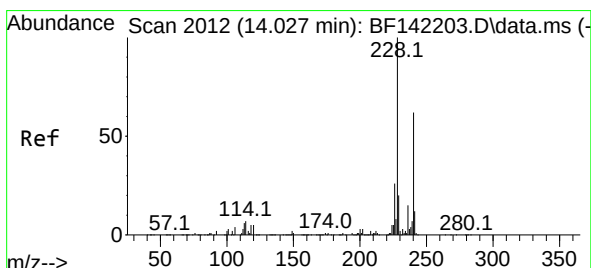
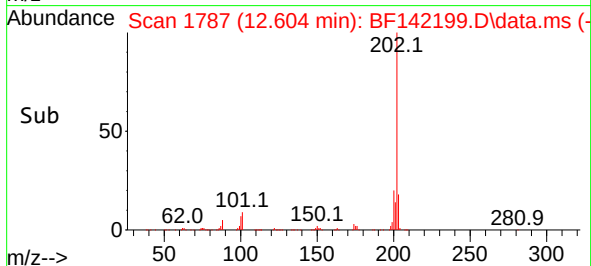
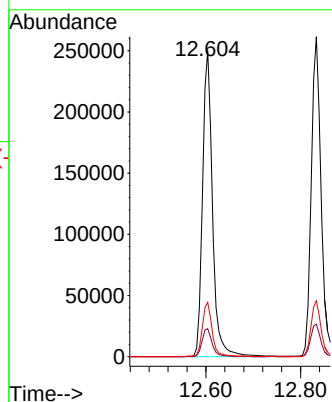
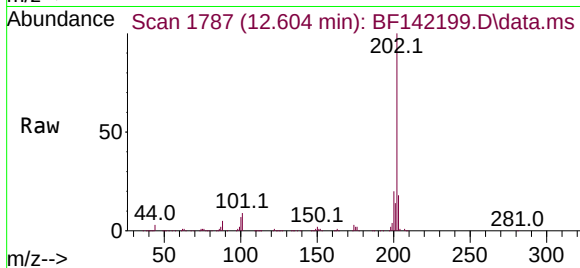
Tgt Ion:202 Resp: 365933

Ion Ratio Lower Upper

202 100

101 9.2 0.0 28.9

203 17.7 0.0 38.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.000 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

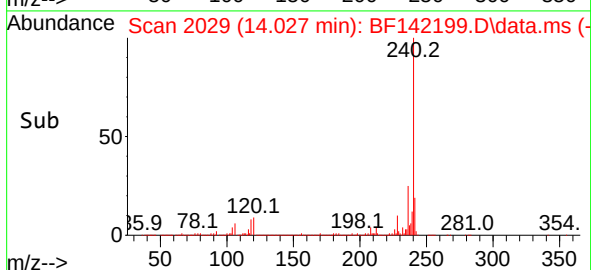
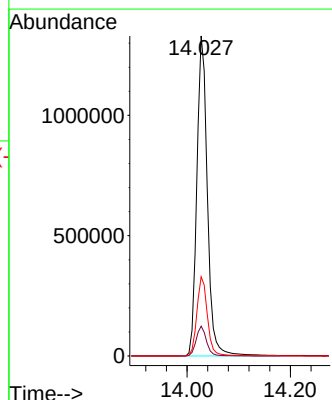
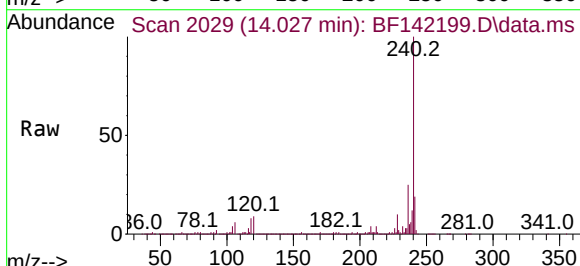
Tgt Ion:240 Resp: 1890280

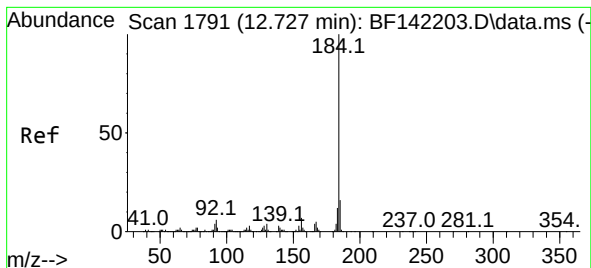
Ion Ratio Lower Upper

240 100

120 9.3 7.1 10.7

236 24.8 20.2 30.2





#77

Benzidine

Concen: 2.722 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.018 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

Instrument :

BNA_F

ClientSampleId :

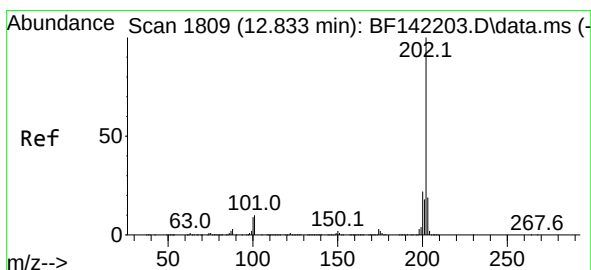
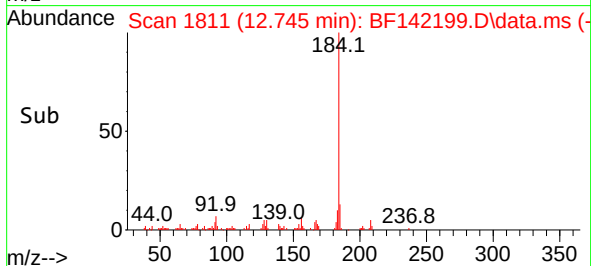
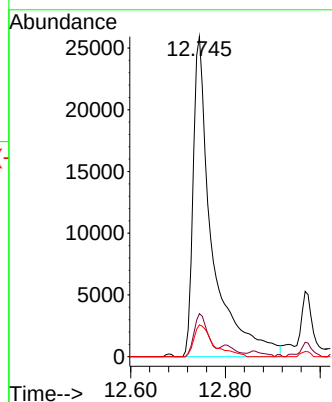
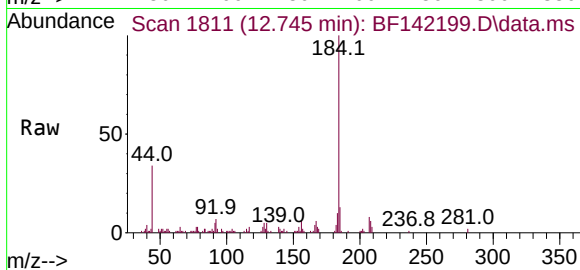
Tgt Ion:184 Resp: 71775

Ion Ratio Lower Upper

184 100

185 13.4 13.0 19.6

183 10.0 9.6 14.4



#78

Pyrene

Concen: 2.325 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

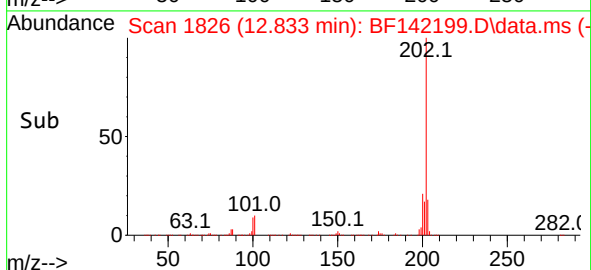
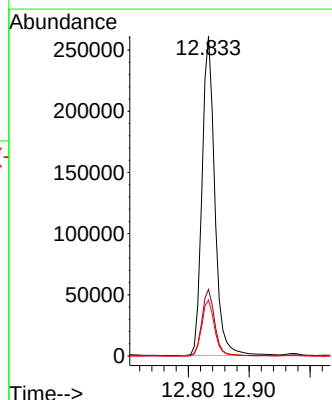
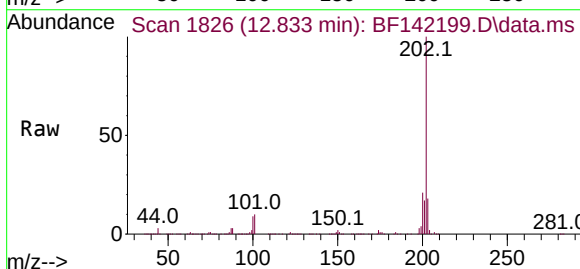
Tgt Ion:202 Resp: 380240

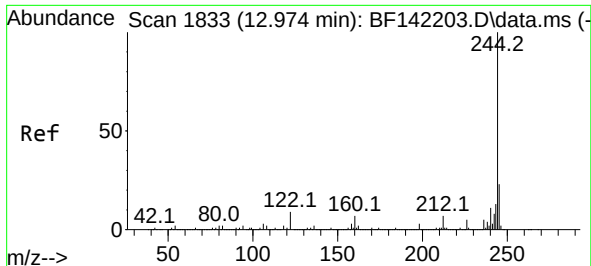
Ion Ratio Lower Upper

202 100

200 20.8 17.6 26.4

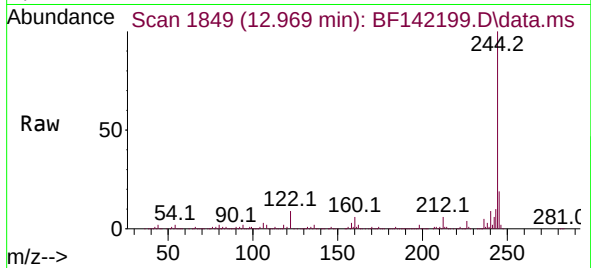
203 17.5 14.8 22.2



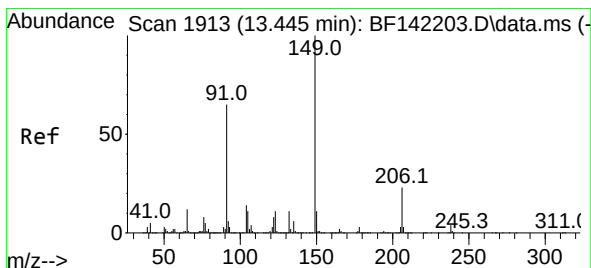
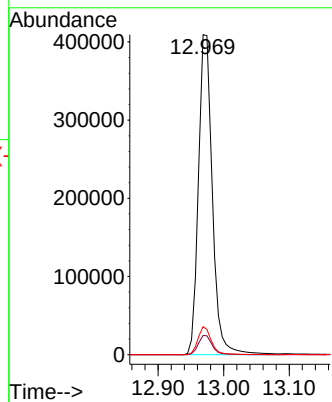
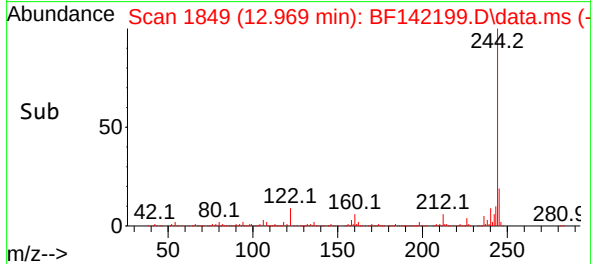


#79
 Terphenyl-d14
 Concen: 4.748 ng
 RT: 12.969 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142199.D
 Acq: 21 Apr 2025 11:13

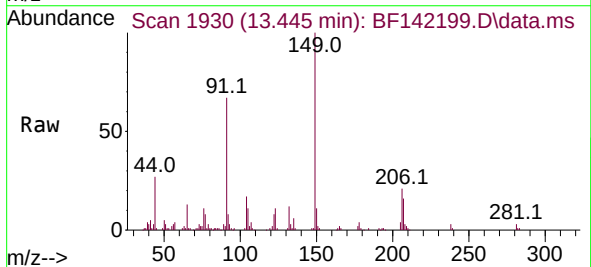
Instrument :
 BNA_F
 ClientSampleId :



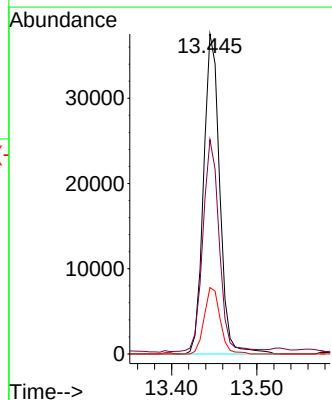
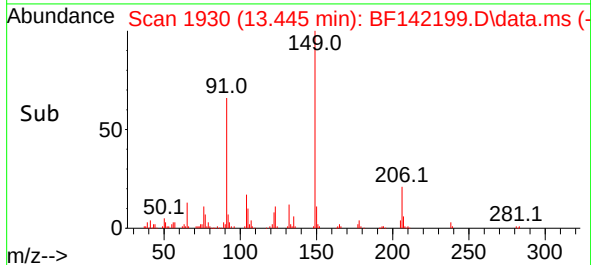
Tgt Ion:244 Resp: 607087
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.9 8.9
 122 8.7 7.3 10.9

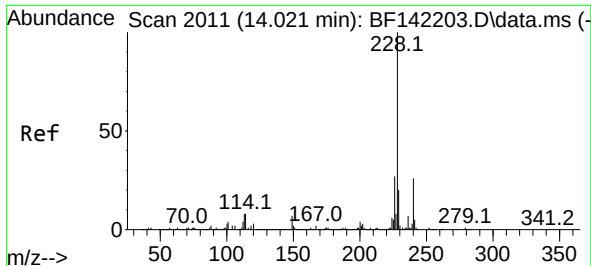


#80
 Butylbenzylphthalate
 Concen: 0.771 ng
 RT: 13.445 min Scan# 1930
 Delta R.T. -0.000 min
 Lab File: BF142199.D
 Acq: 21 Apr 2025 11:13



Tgt Ion:149 Resp: 49364
 Ion Ratio Lower Upper
 149 100
 91 67.0 51.8 77.8
 206 20.7 18.2 27.4

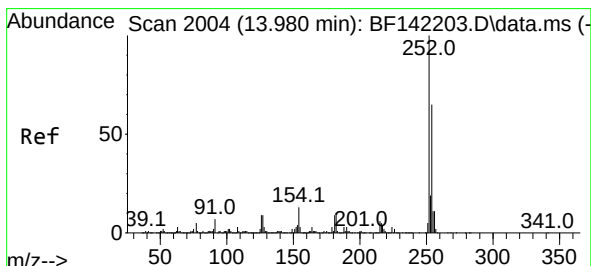
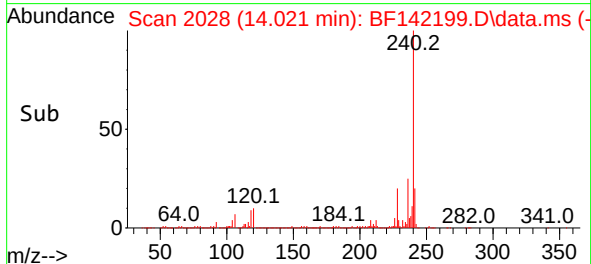
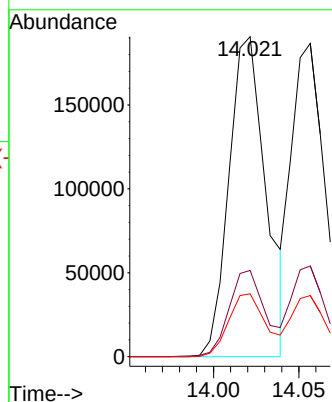
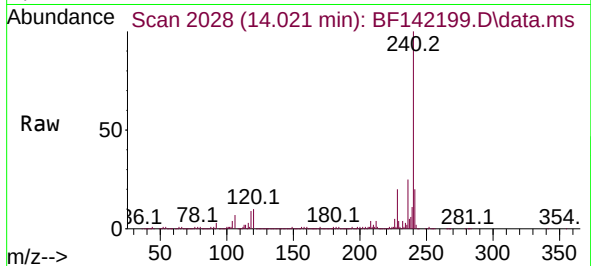




#81
Benzo(a)anthracene
Concen: 2.315 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

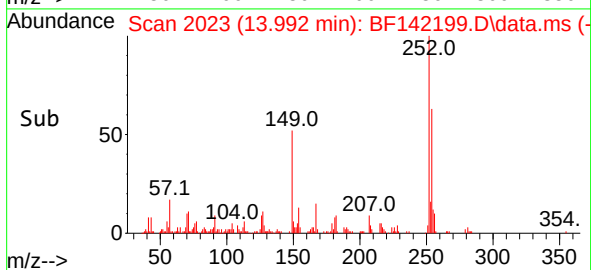
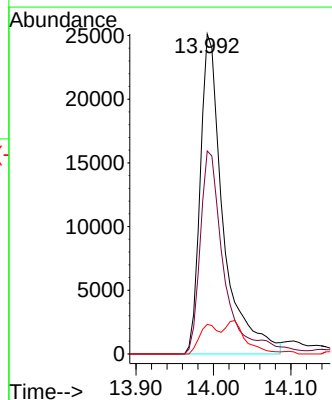
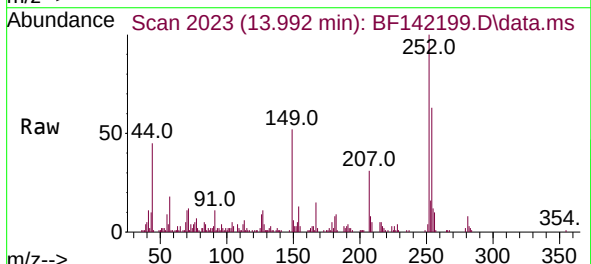
Instrument :
BNA_F
ClientSampleId :

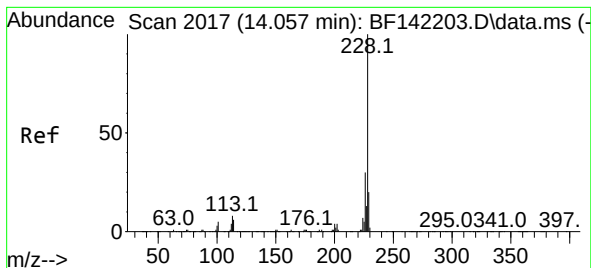
Tgt Ion:228 Resp: 287176
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 1.442 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.012 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Tgt Ion:252 Resp: 51681
Ion Ratio Lower Upper
252 100
254 63.5 51.9 77.9
126 9.2 7.4 11.0





#83

Chrysene

Concen: 2.353 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

Instrument :

BNA_F

ClientSampleId :

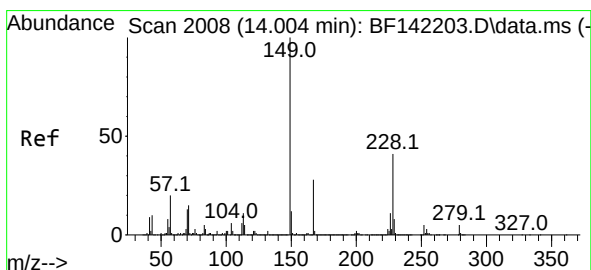
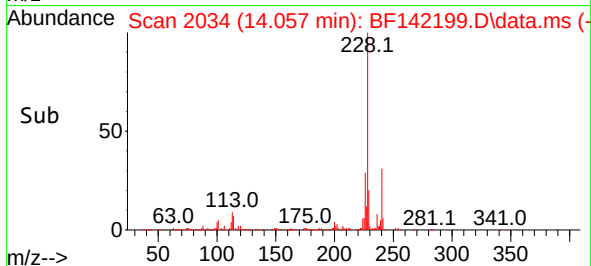
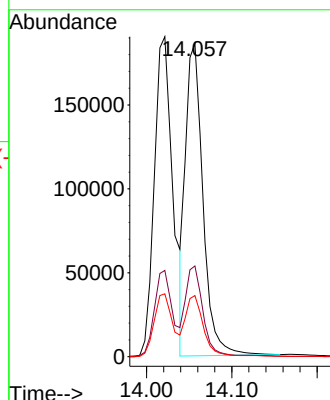
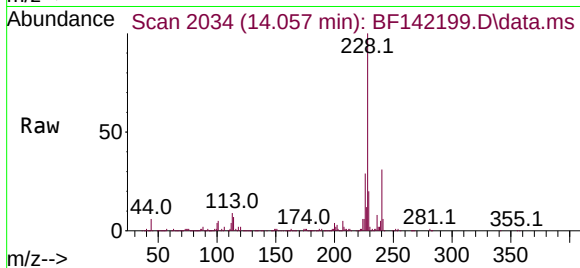
Tgt Ion:228 Resp: 264524

Ion Ratio Lower Upper

228 100

226 29.0 23.9 35.9

229 19.5 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.666 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

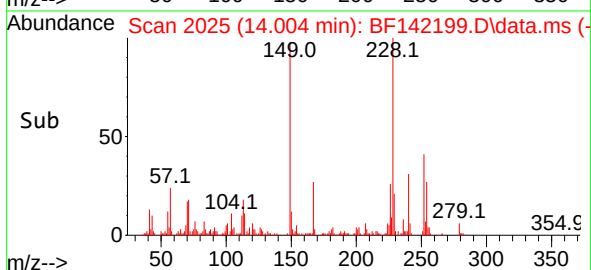
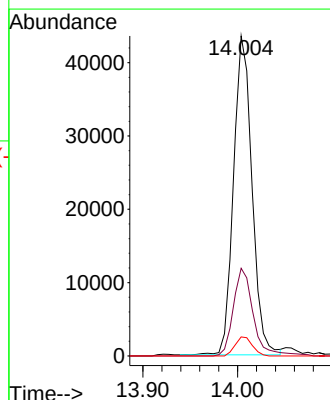
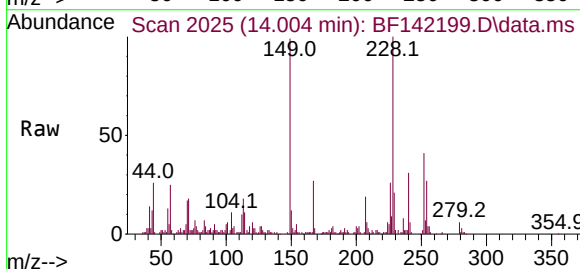
Tgt Ion:149 Resp: 58727

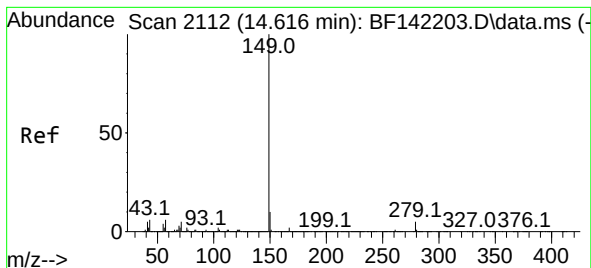
Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.4

279 6.0 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 0.839 ng

RT: 14.615 min Scan# 2112

Delta R.T. -0.000 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

Instrument :

BNA_F

ClientSampleId :

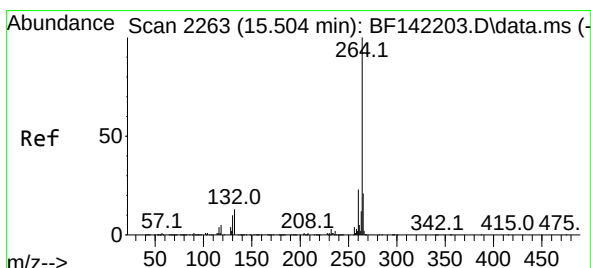
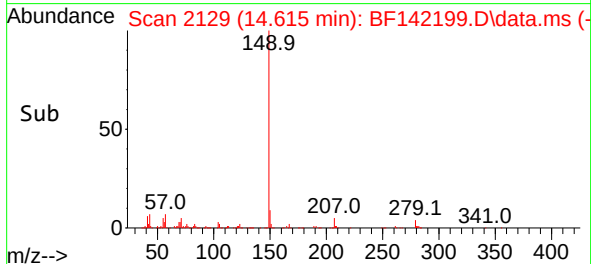
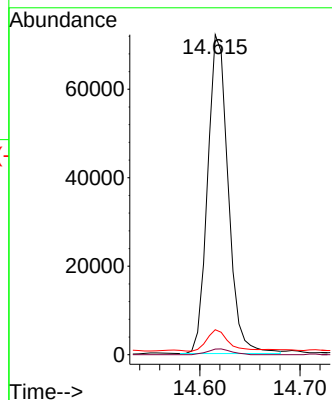
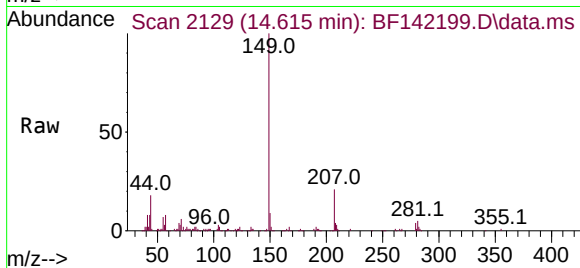
Tgt Ion:149 Resp: 102958

Ion Ratio Lower Upper

149 100

167 2.1 1.3 1.9#

43 7.0 5.3 7.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.000 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

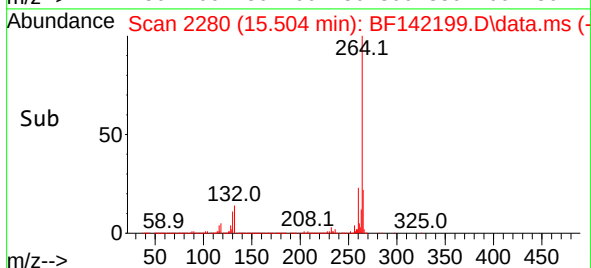
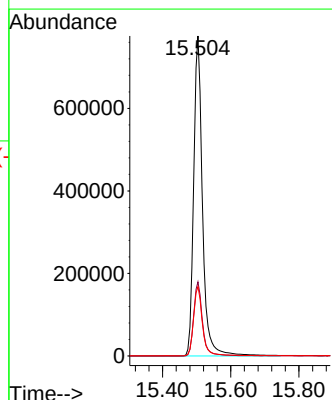
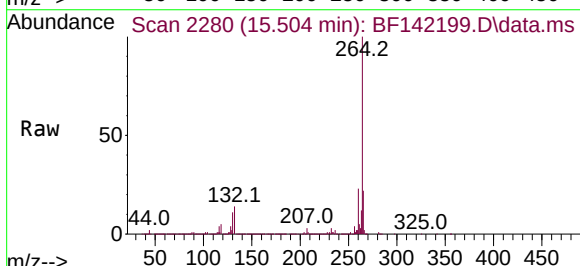
Tgt Ion:264 Resp: 1397277

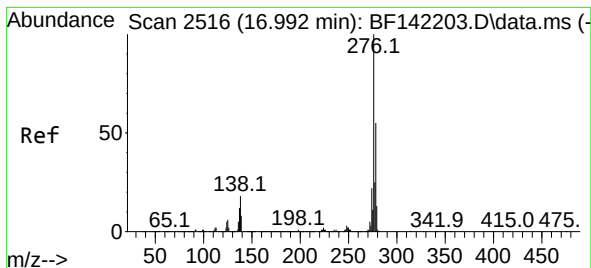
Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.7 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.459 ng

RT: 16.992 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

Instrument :

BNA_F

ClientSampleId :

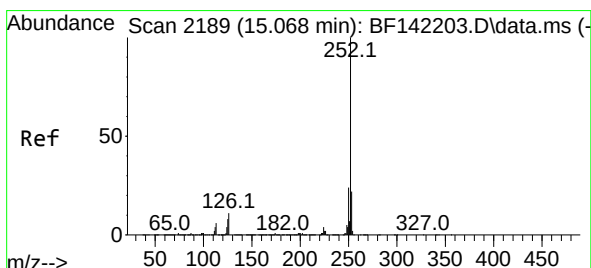
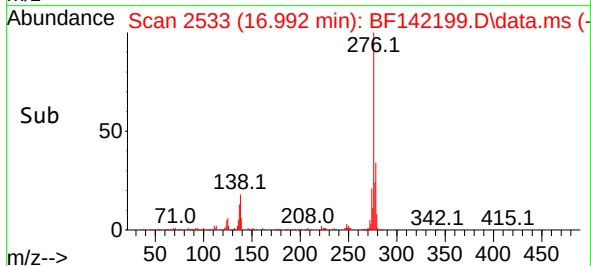
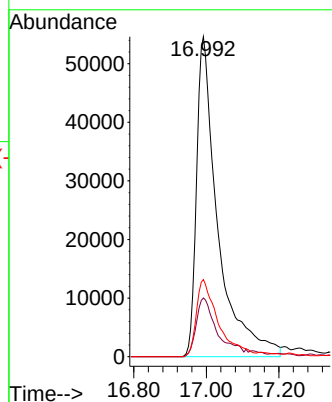
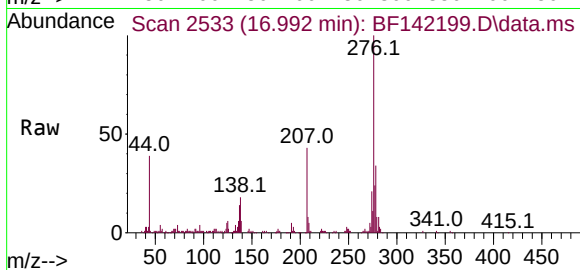
Tgt Ion:276 Resp: 222305

Ion Ratio Lower Upper

276 100

138 18.5 15.1 22.7

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 1.835 ng

RT: 15.074 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

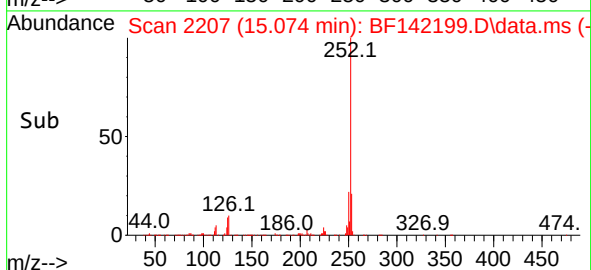
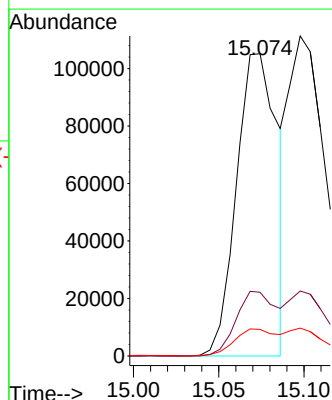
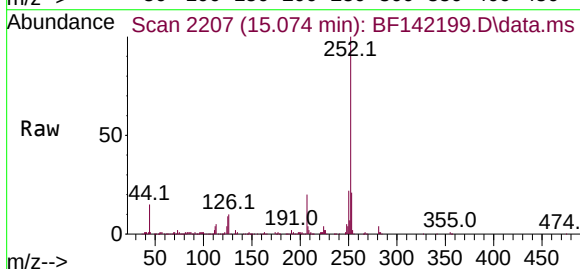
Tgt Ion:252 Resp: 175735

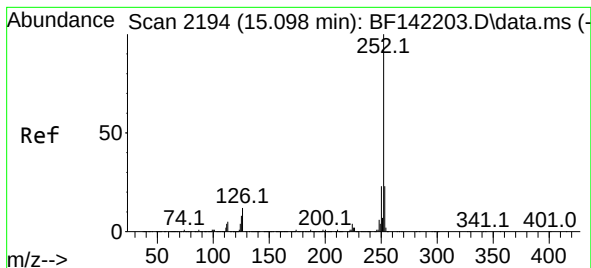
Ion Ratio Lower Upper

252 100

253 21.1 17.8 26.8

125 8.8 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 2.432 ng

RT: 15.098 min Scan# 2194

Delta R.T. -0.000 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

Instrument :

BNA_F

ClientSampleId :

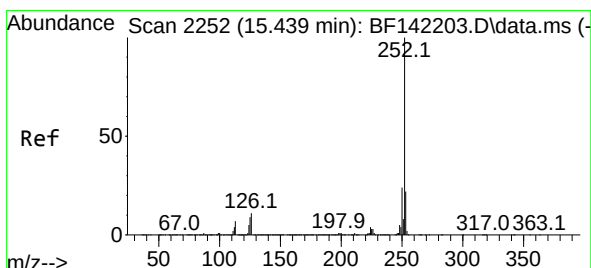
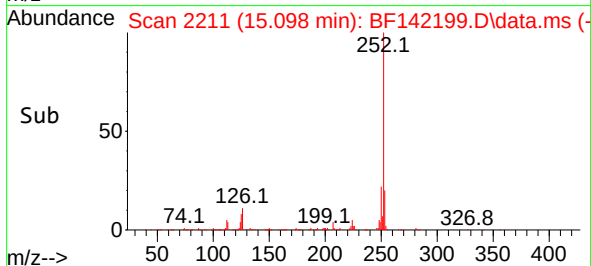
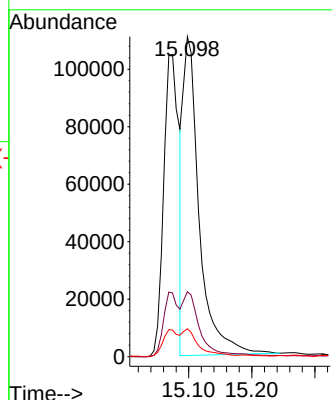
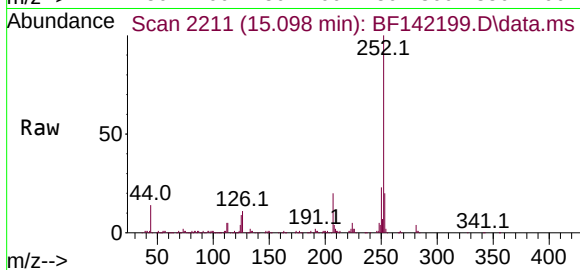
Tgt Ion:252 Resp: 199312

Ion Ratio Lower Upper

252 100

253 20.3 17.9 26.9

125 8.7 6.6 10.0



#90

Benzo(a)pyrene

Concen: 2.010 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

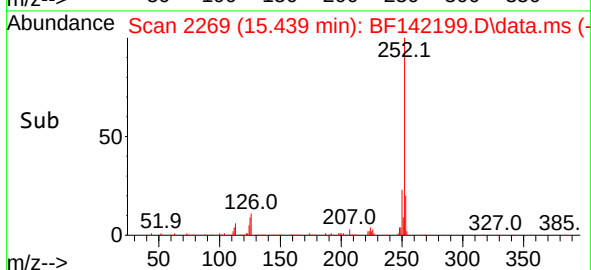
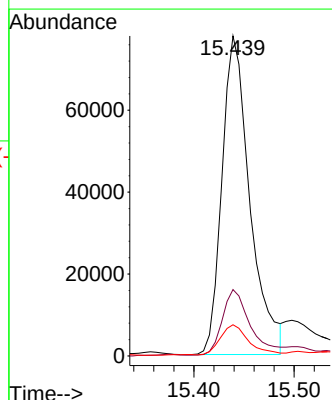
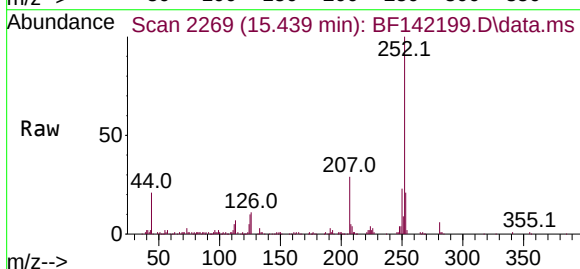
Tgt Ion:252 Resp: 150599

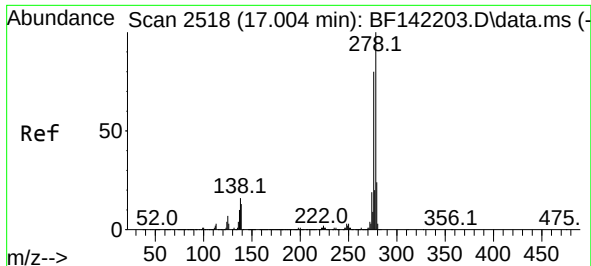
Ion Ratio Lower Upper

252 100

253 20.7 17.8 26.6

125 9.8 7.1 10.7

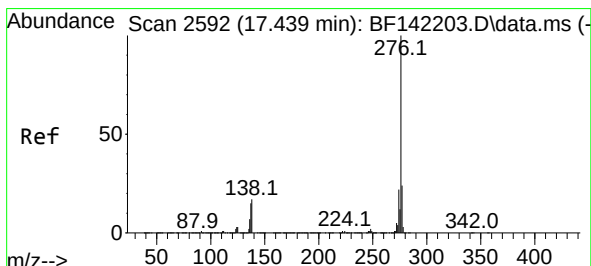
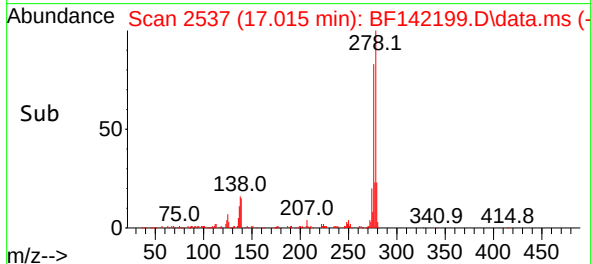
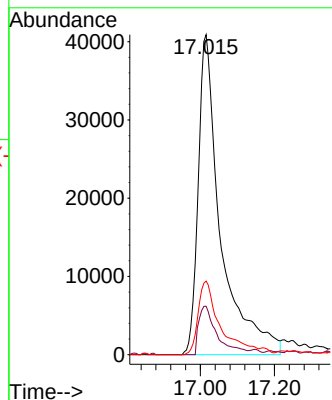
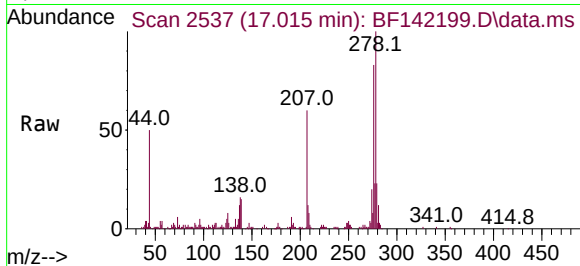




#91
Dibenzo(a,h)anthracene
Concen: 2.314 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 172546
Ion Ratio Lower Upper
278 100
139 15.1 10.2 15.4
279 23.0 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 2.751 ng
RT: 17.439 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Tgt Ion:276 Resp: 202767
Ion Ratio Lower Upper
276 100
277 21.7 19.2 28.8
138 17.8 13.4 20.2

