

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142201.D
 Acq On : 21 Apr 2025 12:09
 Operator : RC/JU
 Sample : SSTDIC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 22 02:01:02 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 01:58:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	603983	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	2290040	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	1315585	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	2289491	20.000	ng	0.00
76) Chrysene-d12	14.027	240	1611623	20.000	ng	0.00
86) Perylene-d12	15.504	264	1390370	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	668900	20.764	ng	0.00
7) Phenol-d6	6.481	99	865031	21.441	ng	-0.01
23) Nitrobenzene-d5	7.422	82	761958	20.896	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	348797	19.391	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1863623	23.089	ng	0.00
79) Terphenyl-d14	12.968	244	2145035	22.298	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	132917	10.164	ng	97
3) Pyridine	3.399	79	294787	10.386	ng	99
4) n-Nitrosodimethylamine	3.322	42	110937	9.626	ng	# 93
6) Aniline	6.522	93	410337	11.015	ng	100
8) 2-Chlorophenol	6.645	128	383978	10.413	ng	98
9) Benzaldehyde	6.416	77	255898	11.553	ng	100
10) Phenol	6.498	94	447957	10.527	ng	95
11) bis(2-Chloroethyl)ether	6.592	93	330518	10.300	ng	99
12) 1,3-Dichlorobenzene	6.804	146	440763	10.548	ng	98
13) 1,4-Dichlorobenzene	6.881	146	455256	10.623	ng	98
14) 1,2-Dichlorobenzene	7.034	146	431115	10.813	ng	100
15) Benzyl Alcohol	6.998	79	297318	10.107	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.134	45	326802	10.506	ng	99
17) 2-Methylphenol	7.110	107	275506	9.927	ng	99
18) Hexachloroethane	7.375	117	151652	10.416	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	243693	10.682	ng	98
20) 3+4-Methylphenols	7.263	107	363854	10.541	ng	# 90
22) Acetophenone	7.269	105	535731	10.658	ng	99
24) Nitrobenzene	7.439	77	364725	10.096	ng	99
25) Isophorone	7.681	82	619226	10.117	ng	100
26) 2-Nitrophenol	7.763	139	172633	9.091	ng	97
27) 2,4-Dimethylphenol	7.792	122	236130	9.564	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	416997	10.380	ng	98
29) 2,4-Dichlorophenol	8.004	162	333804	9.941	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	400647	10.203	ng	100
31) Naphthalene	8.169	128	1216644	11.247	ng	97
32) Benzoic acid	7.869	122	118120	11.310	ng	99
33) 4-Chloroaniline	8.216	127	407584	10.405	ng	98
34) Hexachlorobutadiene	8.281	225	264589	10.210	ng	100
35) Caprolactam	8.551	113	83708	9.345	ng	93
36) 4-Chloro-3-methylphenol	8.686	107	340608	10.076	ng	99
37) 2-Methylnaphthalene	8.857	142	804063	10.755	ng	99
38) 1-Methylnaphthalene	8.957	142	776949	10.733	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	445815	10.357	ng	99
41) Hexachlorocyclopentadiene	9.010	237	106112	8.039	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	241266	9.600	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
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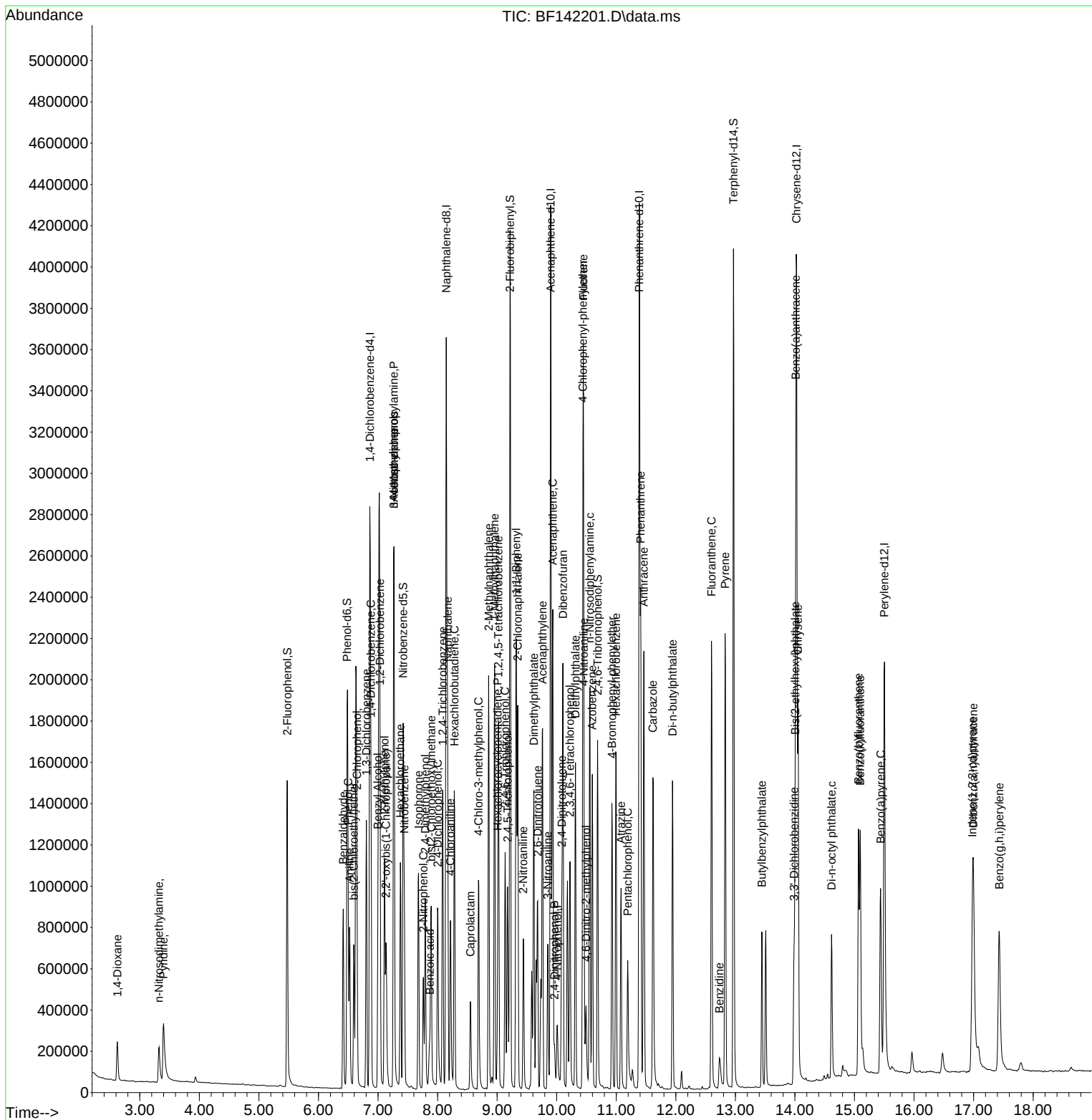
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 BNA_F
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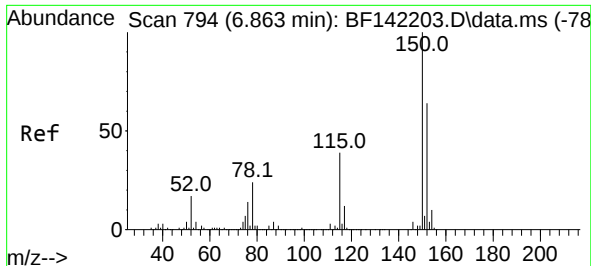
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	255557	9.487	ng	97
46) 1,1'-Biphenyl	9.322	154	1041165	11.037	ng	97
47) 2-Chloronaphthalene	9.345	162	773779	10.567	ng	98
48) 2-Nitroaniline	9.439	65	164363	9.576	ng	94
49) Acenaphthylene	9.763	152	1118944	10.811	ng	99
50) Dimethylphthalate	9.616	163	869463	10.308	ng	99
51) 2,6-Dinitrotoluene	9.680	165	186390	9.842	ng	99
52) Acenaphthene	9.933	154	768504	10.304	ng	98
53) 3-Nitroaniline	9.851	138	181893	10.024	ng	98
54) 2,4-Dinitrophenol	9.963	184	61743	6.657	ng	98
55) Dibenzofuran	10.104	168	1161116	11.105	ng	97
56) 4-Nitrophenol	10.010	139	102313	7.708	ng	99
57) 2,4-Dinitrotoluene	10.086	165	241529	9.874	ng	99
58) Fluorene	10.445	166	881069	10.893	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	230629	9.576	ng	99
60) Diethylphthalate	10.316	149	832900	10.575	ng	98
61) 4-Chlorophenyl-phenyle...	10.439	204	467315	10.493	ng	99
62) 4-Nitroaniline	10.457	138	163792	9.497	ng	97
63) Azobenzene	10.598	77	729902	10.642	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	100957	7.554	ng	95
66) n-Nitrosodiphenylamine	10.557	169	733023	10.446	ng	98
67) 4-Bromophenyl-phenylether	10.927	248	300436	9.978	ng	98
68) Hexachlorobenzene	10.998	284	363535	10.146	ng	97
69) Atrazine	11.080	200	204039	11.916	ng	99
70) Pentachlorophenol	11.192	266	155346	8.499	ng	99
71) Phenanthrene	11.410	178	1282504	11.280	ng	97
72) Anthracene	11.463	178	1261830	11.100	ng	97
73) Carbazole	11.616	167	1088325	10.958	ng	100
74) Di-n-butylphthalate	11.945	149	1123250	10.927	ng	98
75) Fluoranthene	12.598	202	1362799	11.531	ng	98
77) Benzidine	12.733	184	158137	7.604	ng	97
78) Pyrene	12.827	202	1390858	10.866	ng	98
80) Butylbenzylphthalate	13.445	149	248272	8.014	ng	99
81) Benzo(a)anthracene	14.015	228	975671	9.995	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	264819	9.110	ng	99
83) Chrysene	14.051	228	993085	10.559	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	326359	7.874	ng	99
85) Di-n-octyl phthalate	14.615	149	517117	7.044	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	934368	9.578	ng	99
88) Benzo(b)fluoranthene	15.068	252	740088	9.488	ng	99
89) Benzo(k)fluoranthene	15.098	252	718663	9.315	ng	99
90) Benzo(a)pyrene	15.439	252	694420	9.947	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	753489	9.469	ng	100
92) Benzo(g,h,i)perylene	17.433	276	791476	9.549	ng	99

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

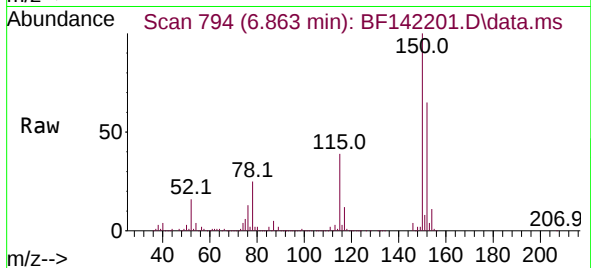
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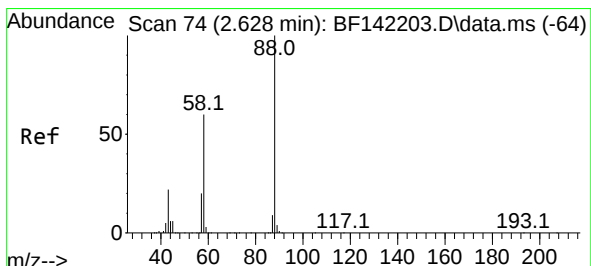
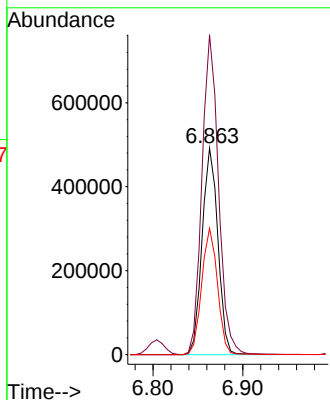
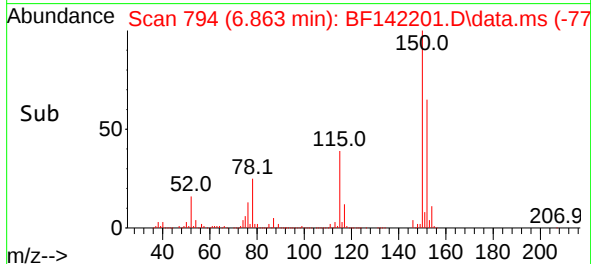


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 794
 Delta R.T. 0.000 min
 Lab File: BF142201.D
 Acq: 21 Apr 2025 12:09

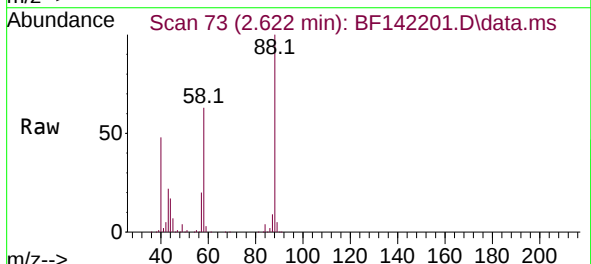
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 BNA_F
 ClientSampleId :



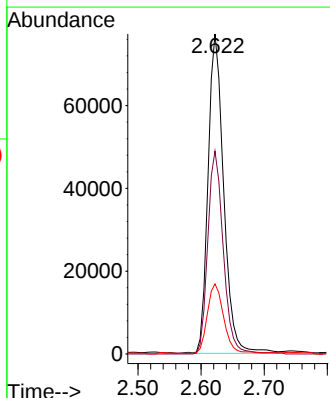
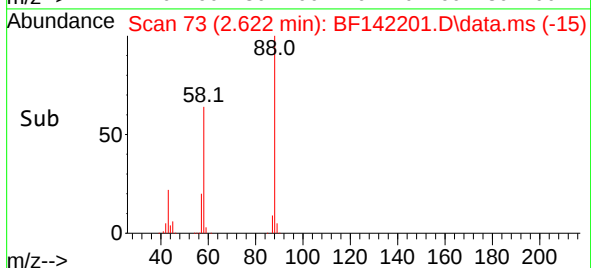
Tgt Ion:152 Resp: 603983
 Ion Ratio Lower Upper
 152 100
 150 154.8 126.4 189.6
 115 61.1 49.4 74.2

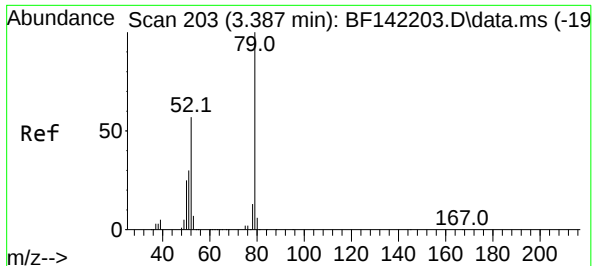


#2
 1,4-Dioxane
 Concen: 10.164 ng
 RT: 2.622 min Scan# 73
 Delta R.T. -0.006 min
 Lab File: BF142201.D
 Acq: 21 Apr 2025 12:09



Tgt Ion: 88 Resp: 132917
 Ion Ratio Lower Upper
 88 100
 58 62.6 47.8 71.6
 43 22.6 17.8 26.8

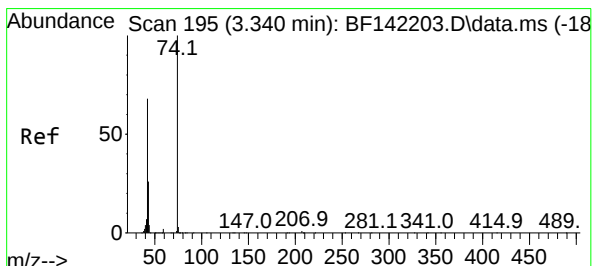
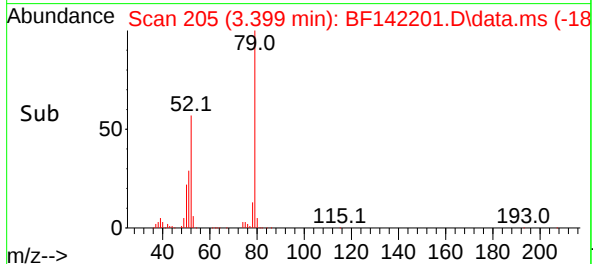
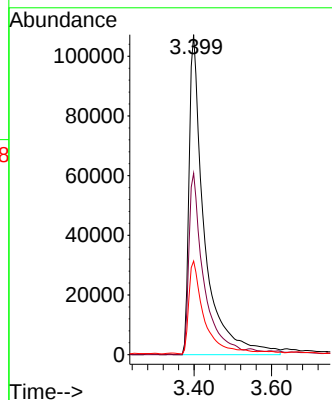
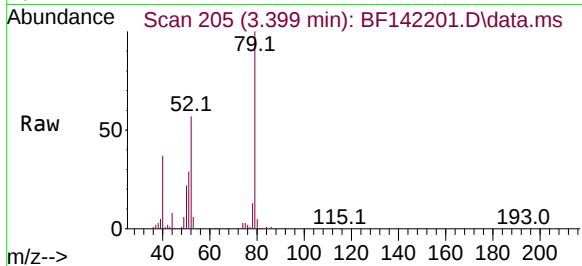




#3
Pyridine
Concen: 10.386 ng
RT: 3.399 min Scan# 203
Delta R.T. 0.012 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

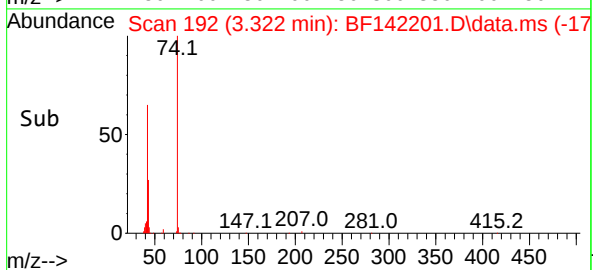
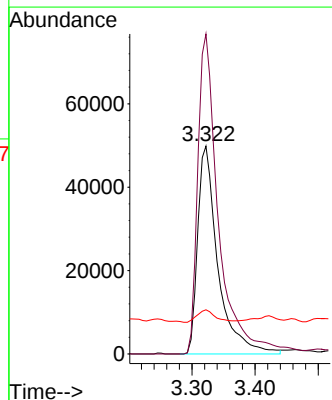
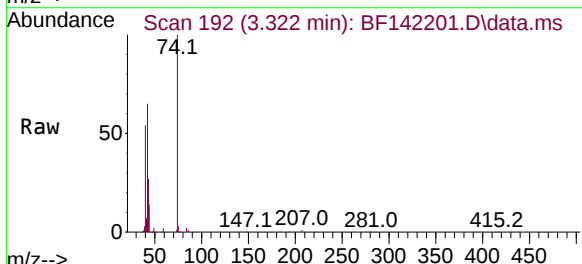
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BNA_F
ClientSampleId :

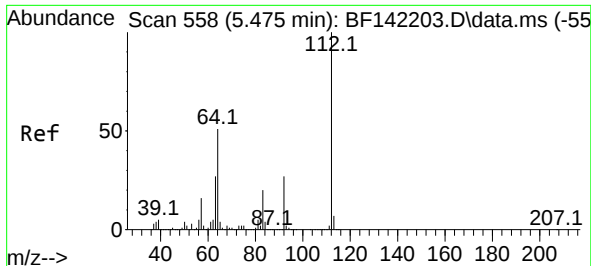
Tgt Ion: 79 Resp: 294787
Ion Ratio Lower Upper
79 100
52 56.7 45.8 68.8
51 29.2 23.8 35.6



#4
n-Nitrosodimethylamine
Concen: 9.626 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.018 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion: 42 Resp: 110937
Ion Ratio Lower Upper
42 100
74 154.0 117.4 176.0
44 21.2 9.5 14.3

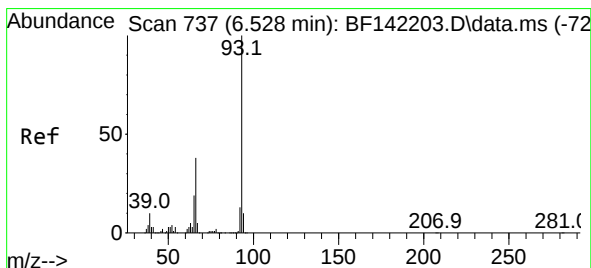
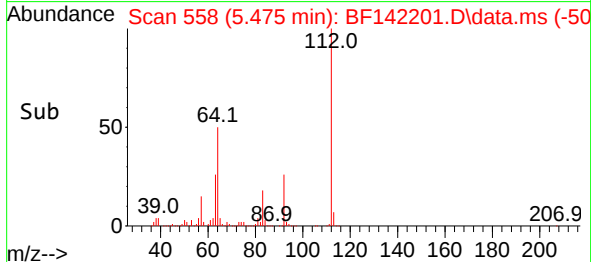
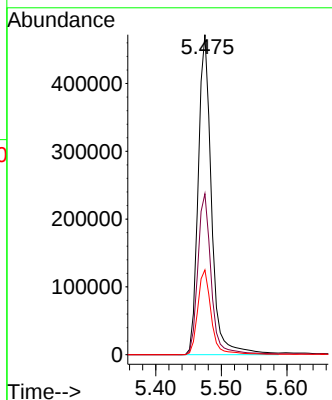
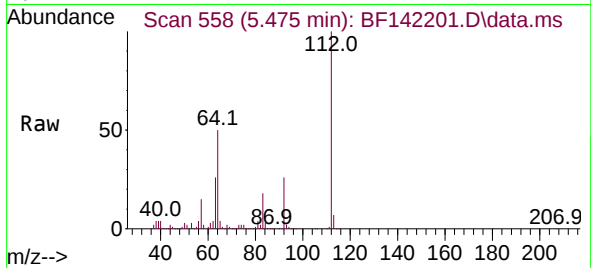




#5
2-Fluorophenol
Concen: 20.764 ng
RT: 5.475 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

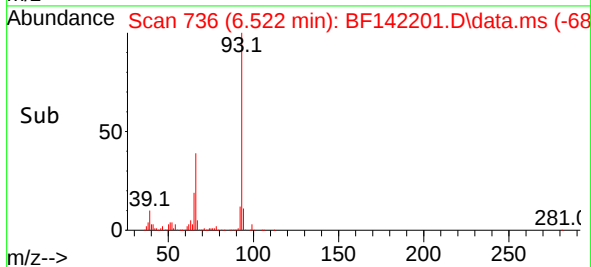
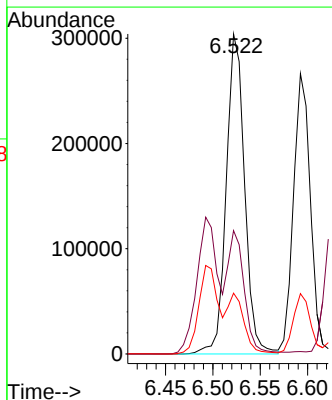
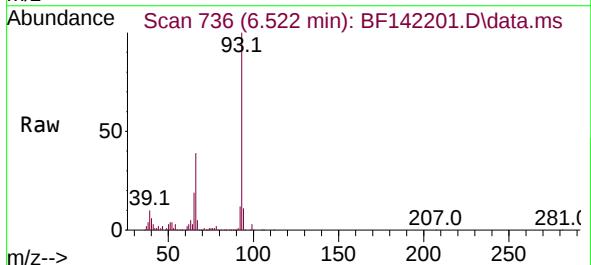
Instrument :
BNA_F
ClientSampleId :

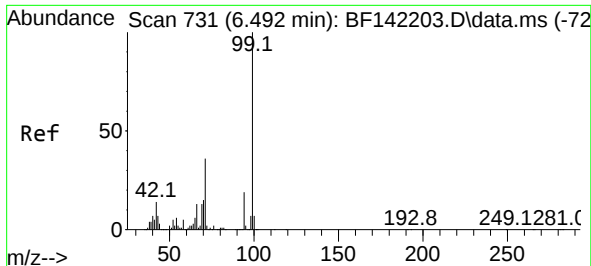
Tgt Ion:112 Resp: 668900
Ion Ratio Lower Upper
112 100
64 50.3 40.9 61.3
63 26.5 22.0 33.0



#6
Aniline
Concen: 11.015 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion: 93 Resp: 410337
Ion Ratio Lower Upper
93 100
66 38.5 30.9 46.3
65 19.0 15.1 22.7

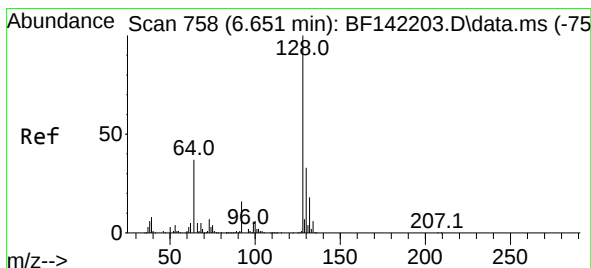
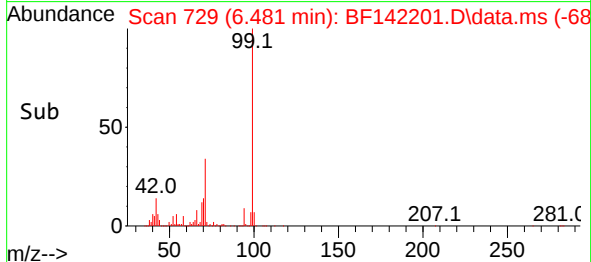
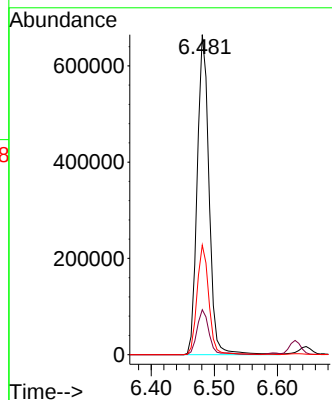
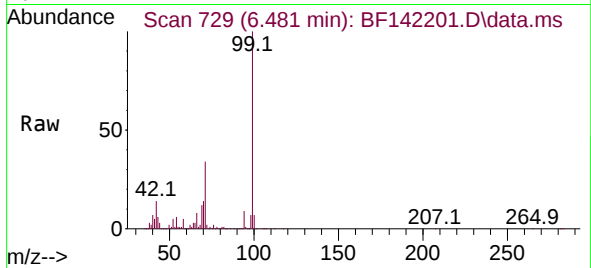




#7
Phenol-d6
Concen: 21.441 ng
RT: 6.481 min Scan# 711
Delta R.T. -0.011 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

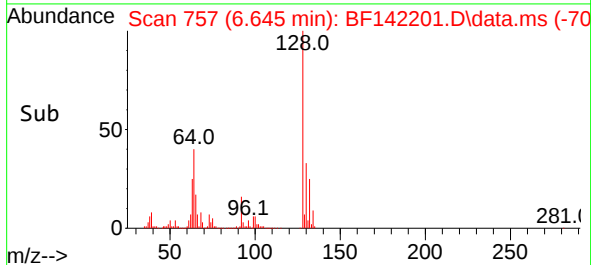
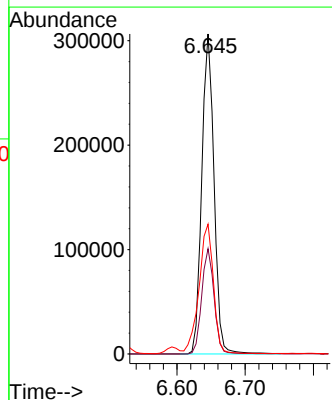
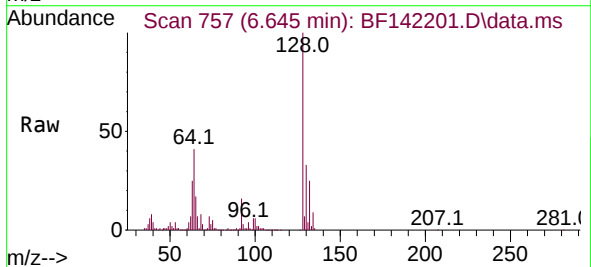
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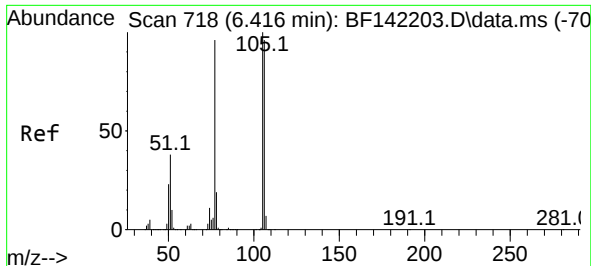
Tgt Ion: 99 Resp: 865031
Ion Ratio Lower Upper
99 100
42 14.0 11.5 17.3
71 34.3 28.6 42.8



#8
2-Chlorophenol
Concen: 10.413 ng
RT: 6.645 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion: 128 Resp: 383978
Ion Ratio Lower Upper
128 100
130 32.9 13.0 53.0
64 40.6 18.8 58.8

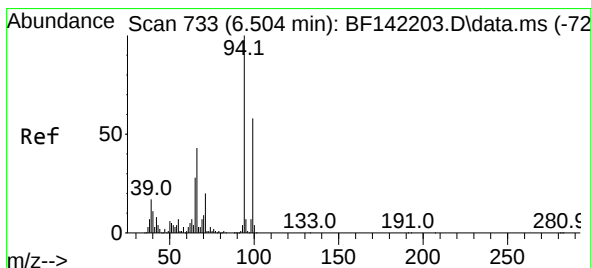
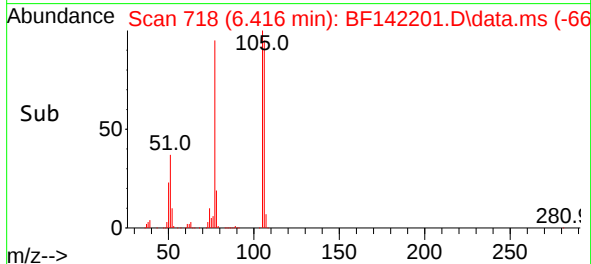
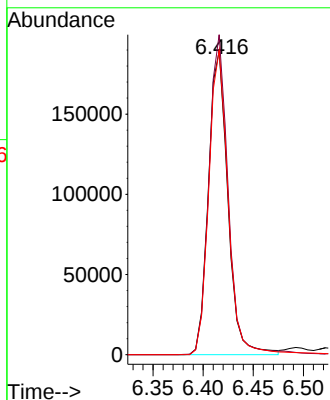
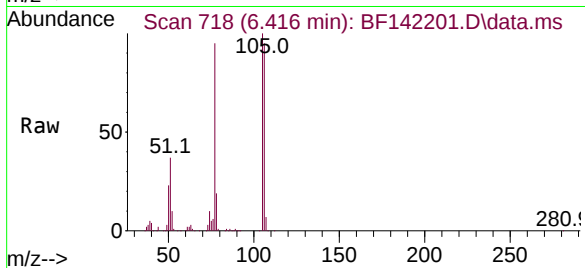




#9
Benzaldehyde
Concen: 11.553 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

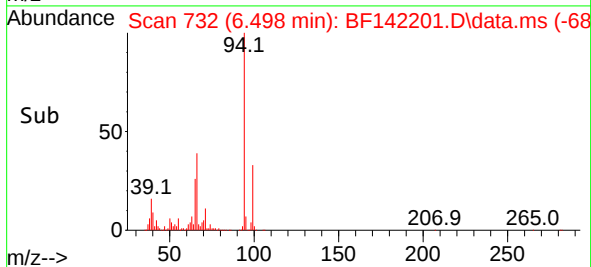
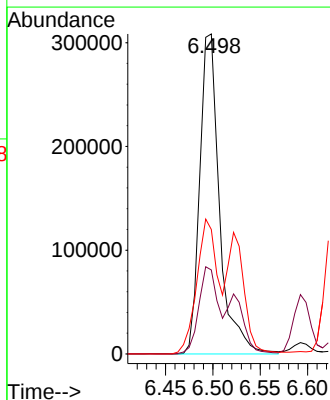
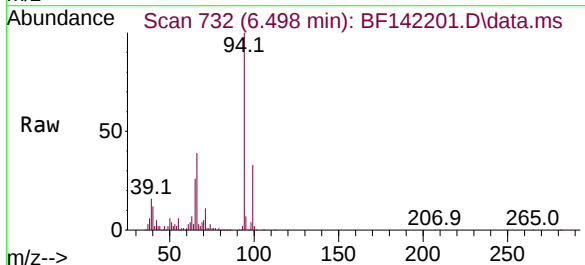
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BNA_F
ClientSampleId :

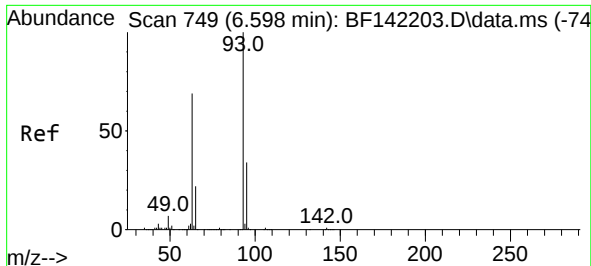
Tgt Ion: 77 Resp: 255898
Ion Ratio Lower Upper
77 100
105 105.3 84.4 124.4
106 100.2 80.3 120.3



#10
Phenol
Concen: 10.527 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion: 94 Resp: 447957
Ion Ratio Lower Upper
94 100
65 26.2 8.1 48.1
66 38.9 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 10.300 ng

RT: 6.592 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

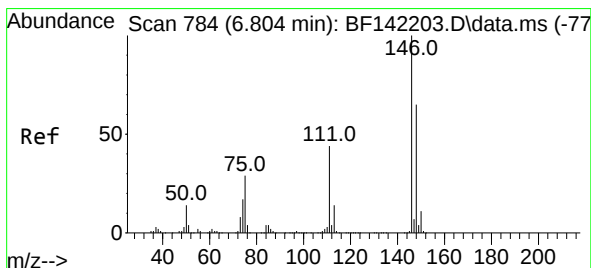
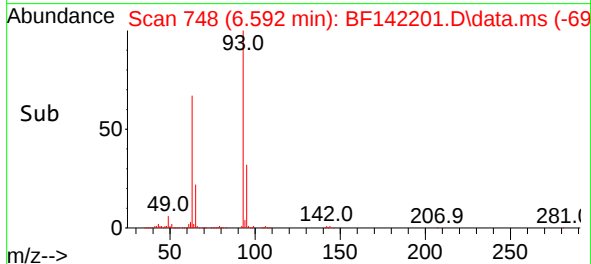
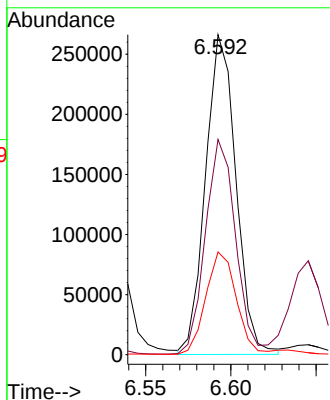
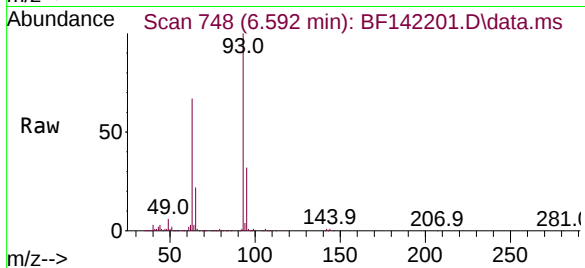
Tgt Ion: 93 Resp: 330518

Ion Ratio Lower Upper

93 100

63 67.3 47.9 87.9

95 32.1 13.7 53.7



#12

1,3-Dichlorobenzene

Concen: 10.548 ng

RT: 6.804 min Scan# 784

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

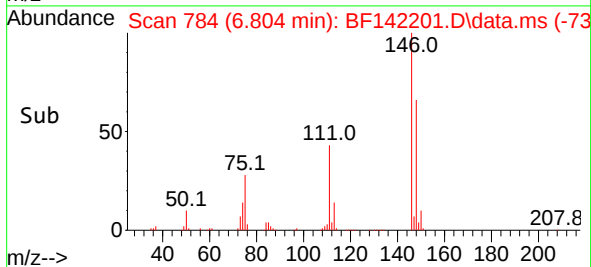
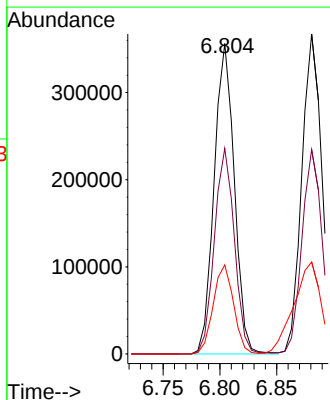
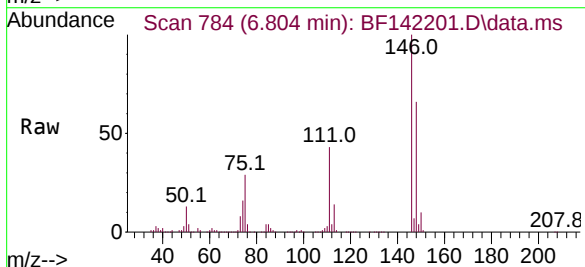
Tgt Ion:146 Resp: 440763

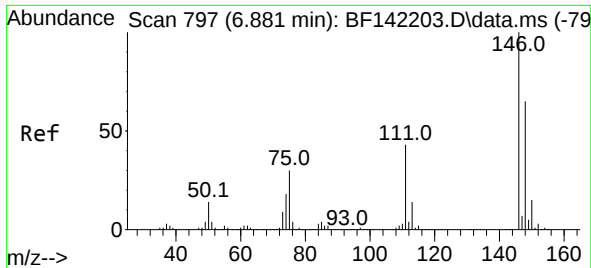
Ion Ratio Lower Upper

146 100

148 66.2 51.7 77.5

75 28.7 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 10.623 ng

RT: 6.881 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

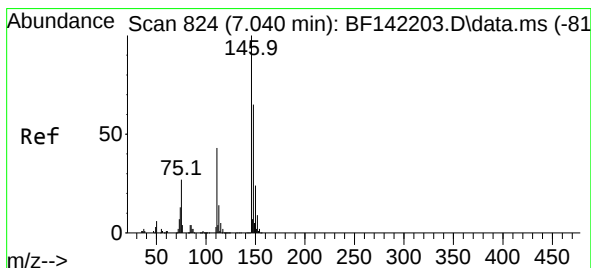
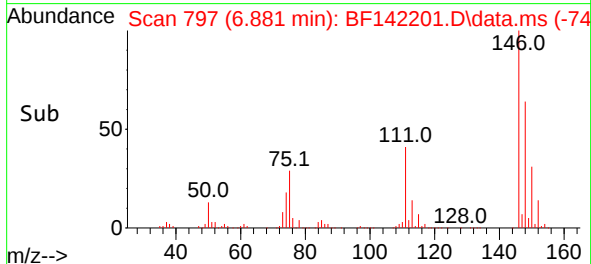
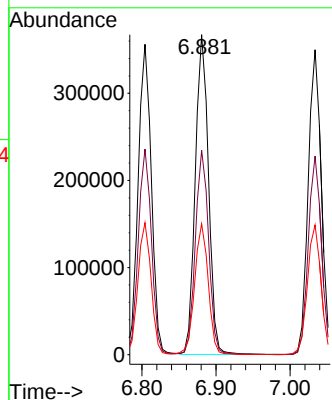
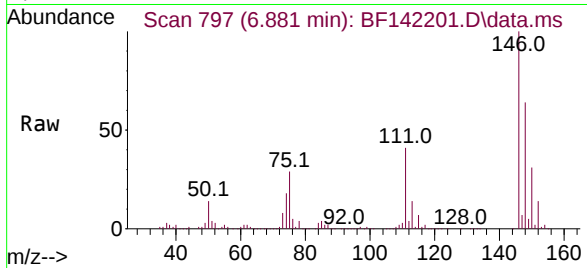
Tgt Ion:146 Resp: 455256

Ion Ratio Lower Upper

146 100

148 63.9 52.4 78.6

111 40.9 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 10.813 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

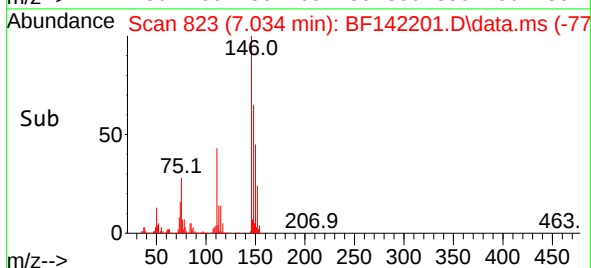
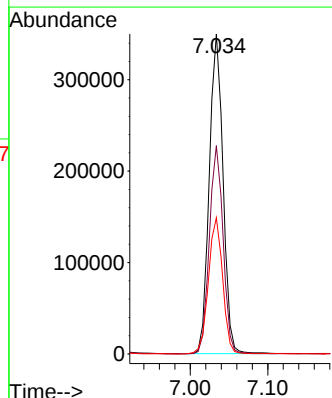
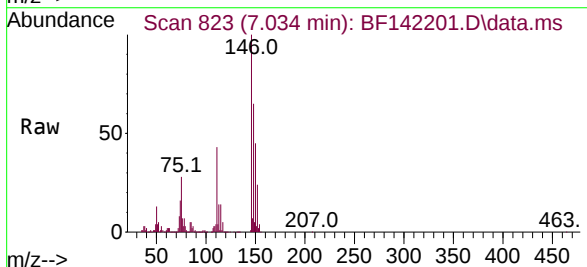
Tgt Ion:146 Resp: 431115

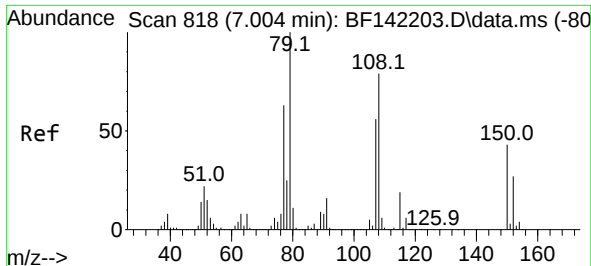
Ion Ratio Lower Upper

146 100

148 65.1 52.2 78.4

111 42.5 34.2 51.4





#15

Benzyl Alcohol

Concen: 10.107 ng

RT: 6.998 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

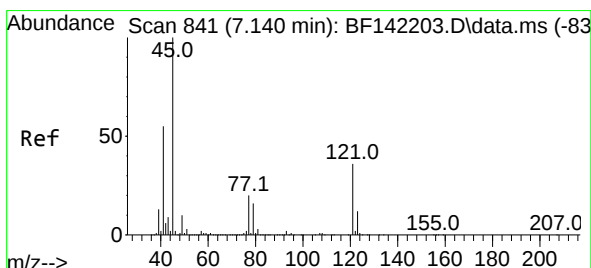
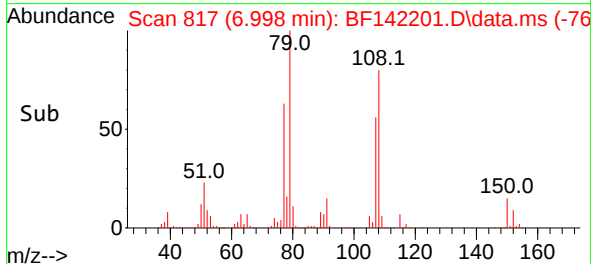
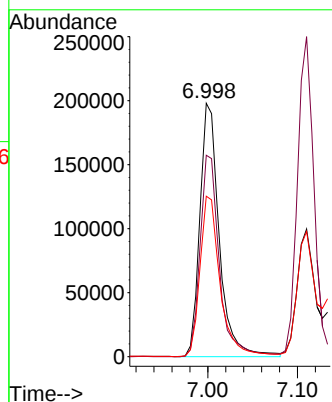
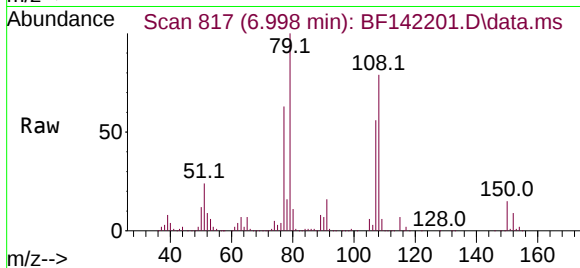
Tgt Ion: 79 Resp: 297318

Ion Ratio Lower Upper

79 100

108 79.5 63.1 94.7

77 63.3 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.506 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

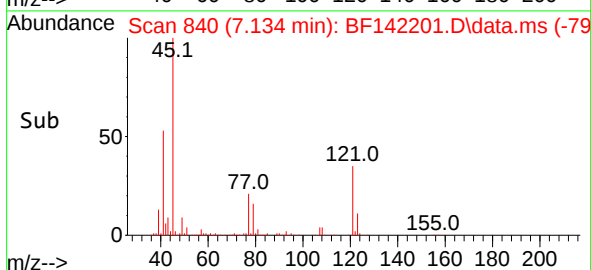
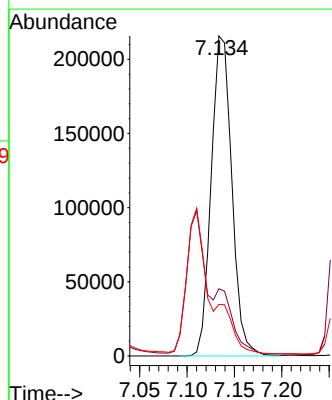
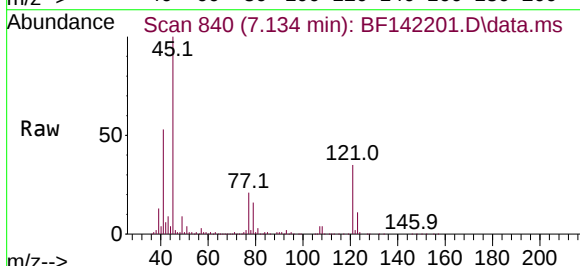
Tgt Ion: 45 Resp: 326802

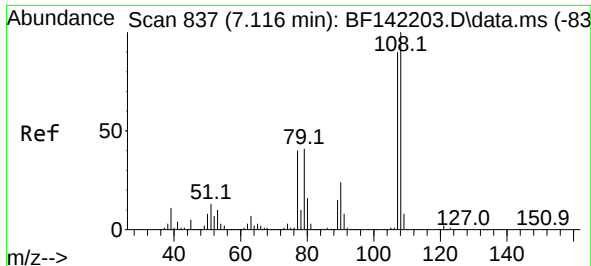
Ion Ratio Lower Upper

45 100

77 21.0 1.4 41.4

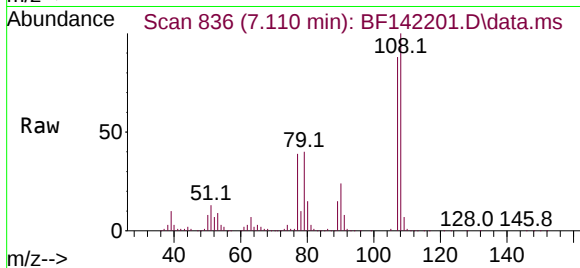
79 16.1 0.0 36.7



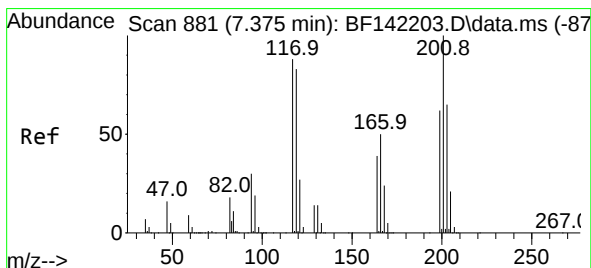
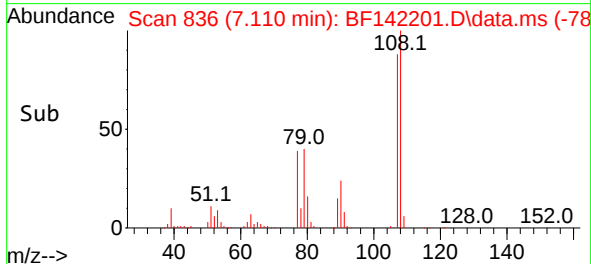
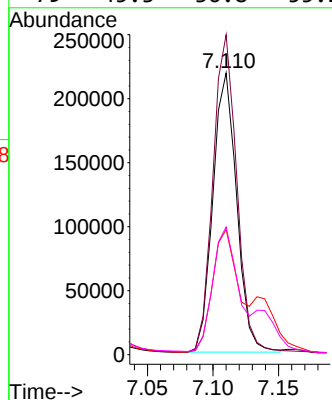


#17
2-Methylphenol
Concen: 9.927 ng
RT: 7.110 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Instrument :
BNA_F
ClientSampleId :

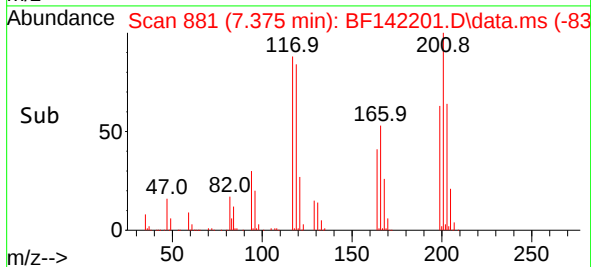
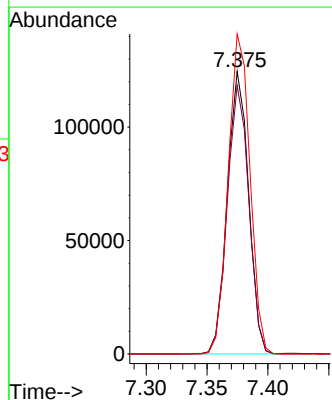
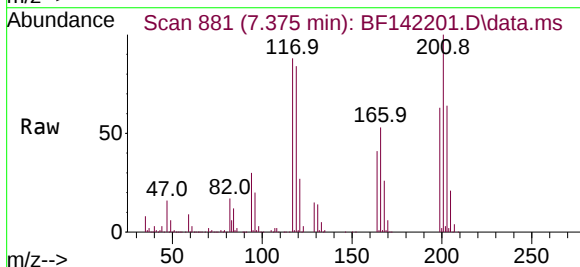


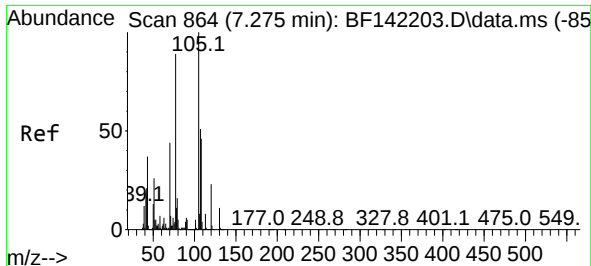
Tgt Ion:107 Resp: 275506
Ion Ratio Lower Upper
107 100
108 113.6 89.4 134.2
77 44.5 36.3 54.5
79 45.3 36.8 55.2



#18
Hexachloroethane
Concen: 10.416 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

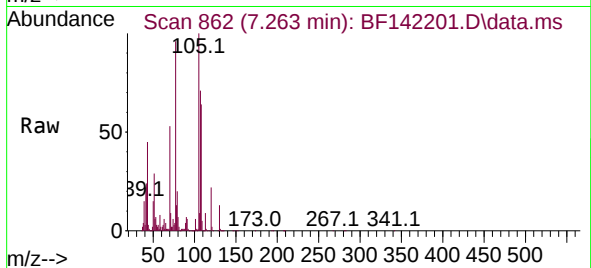
Tgt Ion:117 Resp: 151652
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.8
201 113.3 91.4 137.0



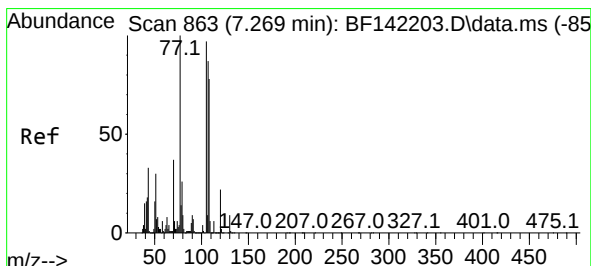
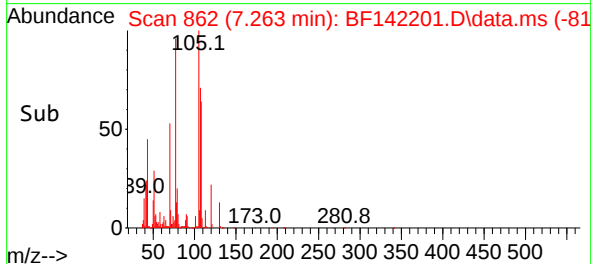
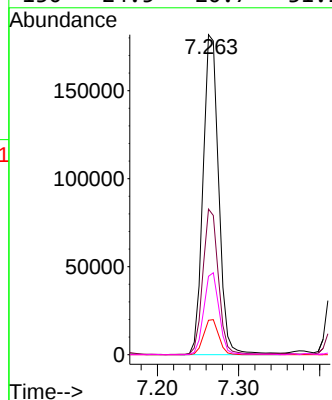


#19
n-Nitroso-di-n-propylamine
Concen: 10.682 ng
RT: 7.263 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Instrument :
BNA_F
ClientSampleId :

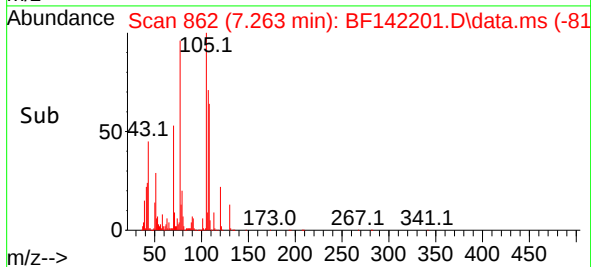
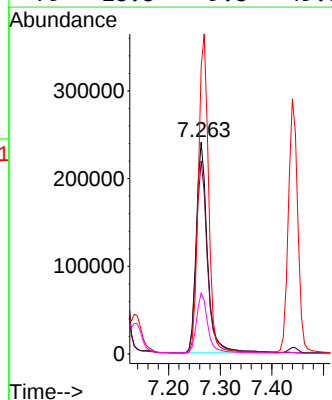
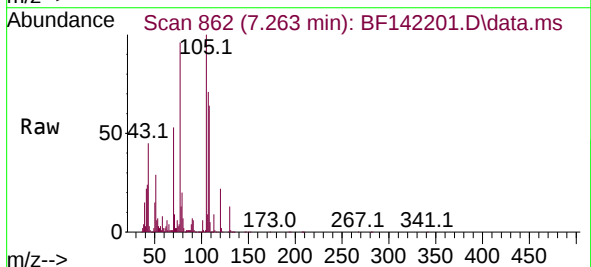


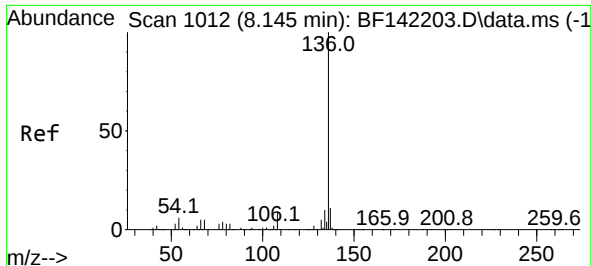
Tgt Ion: 70 Resp: 243693
Ion Ratio Lower Upper
70 100
42 45.5 37.4 56.0
101 10.8 8.6 13.0
130 24.5 20.7 31.1



#20
3+4-Methylphenols
Concen: 10.541 ng
RT: 7.263 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

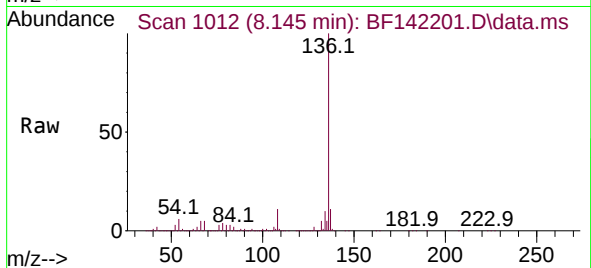
Tgt Ion: 107 Resp: 363854
Ion Ratio Lower Upper
107 100
108 91.2 69.8 109.8
77 135.6 94.5 134.5#
79 28.8 9.8 49.8



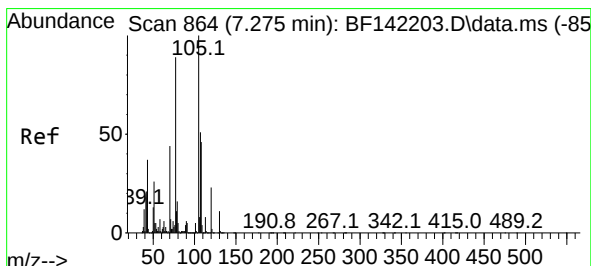
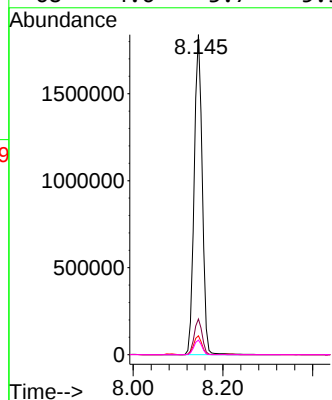
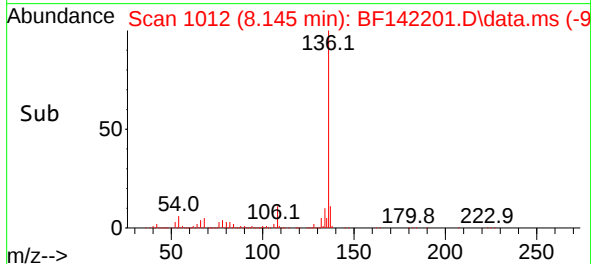


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

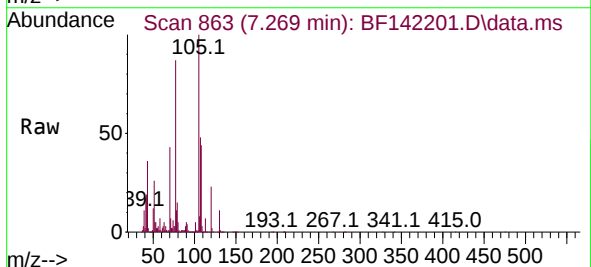
Instrument :
BNA_F
ClientSampleId :



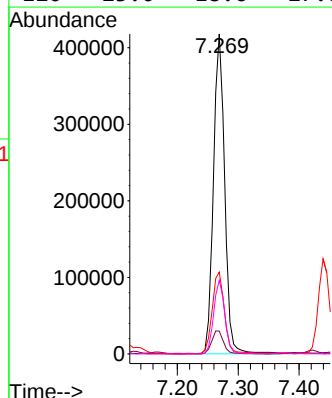
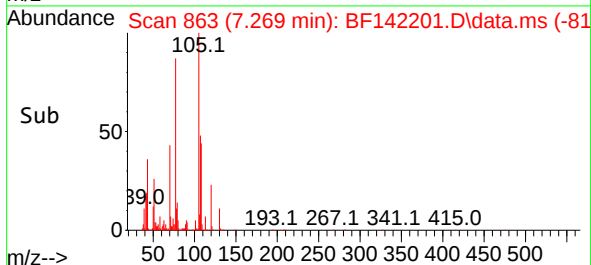
Tgt Ion:136 Resp: 2290040
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 5.9 4.7 7.1
68 4.6 3.7 5.5

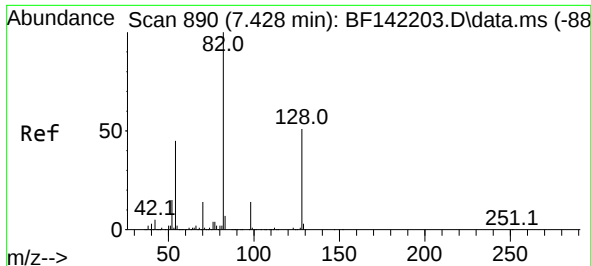


#22
Acetophenone
Concen: 10.658 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09



Tgt Ion:105 Resp: 535731
Ion Ratio Lower Upper
105 100
71 7.1 5.8 8.8
51 25.6 20.9 31.3
120 23.0 18.6 27.8





#23

Nitrobenzene-d5

Concen: 20.896 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

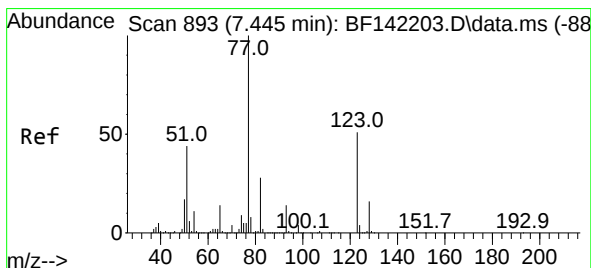
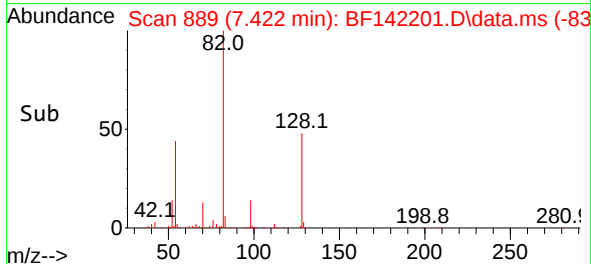
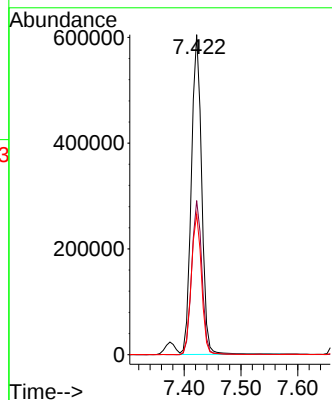
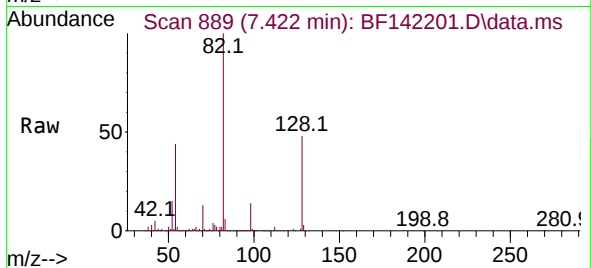
Tgt Ion: 82 Resp: 761958

Ion Ratio Lower Upper

82 100

128 48.1 40.2 60.2

54 43.9 35.5 53.3



#24

Nitrobenzene

Concen: 10.096 ng

RT: 7.439 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

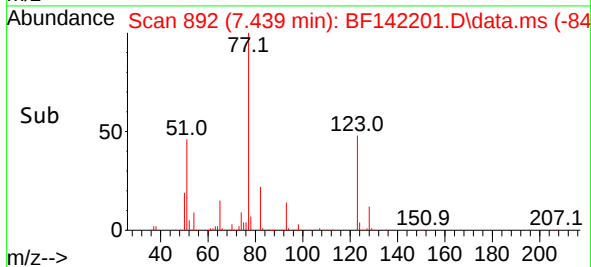
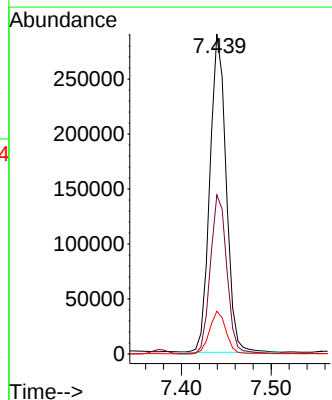
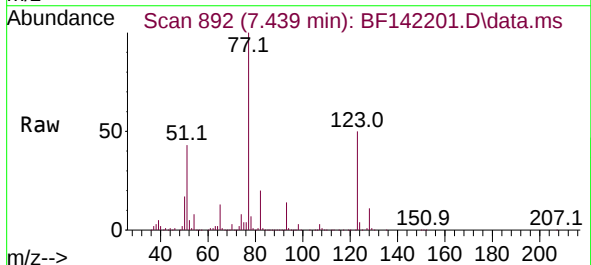
Tgt Ion: 77 Resp: 364725

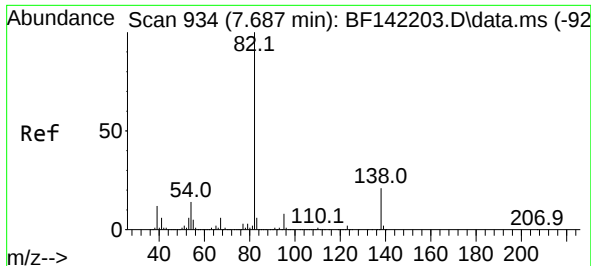
Ion Ratio Lower Upper

77 100

123 49.7 40.7 61.1

65 13.3 10.9 16.3

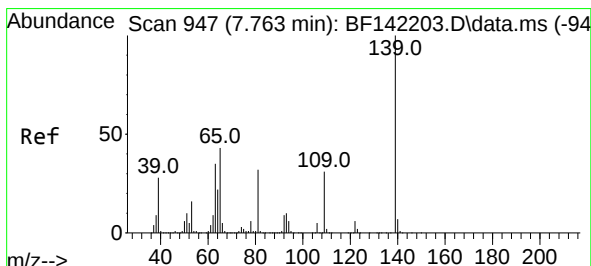
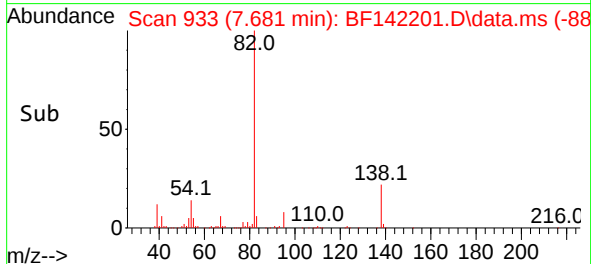
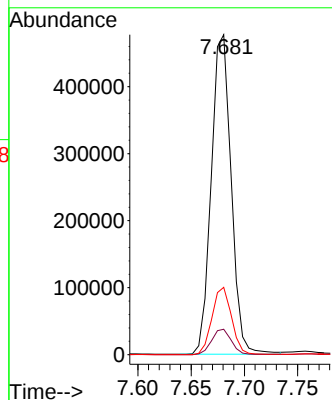
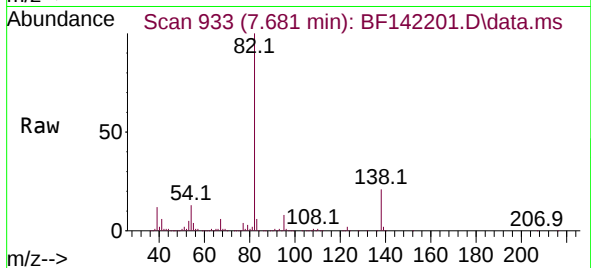




#25
Isophorone
Concen: 10.117 ng
RT: 7.681 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

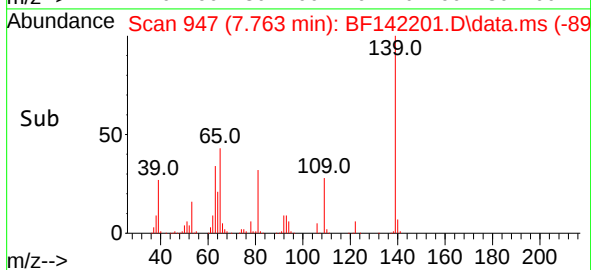
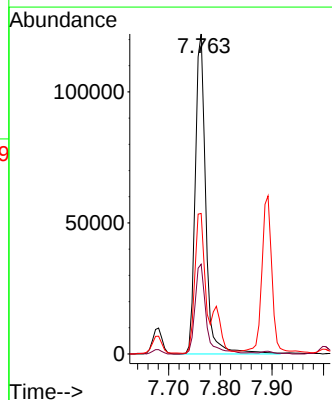
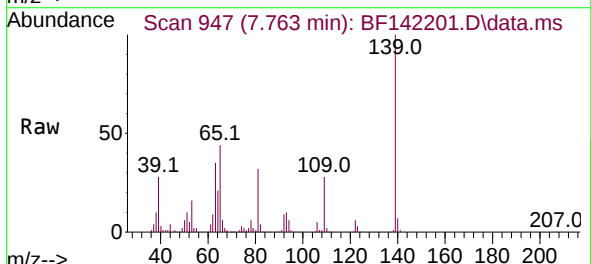
Instrument :
BNA_F
ClientSampleId :

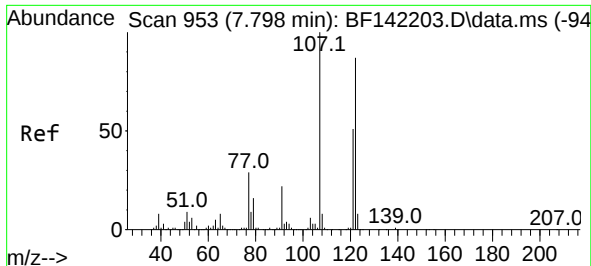
Tgt Ion: 82 Resp: 619226
Ion Ratio Lower Upper
82 100
95 8.0 6.5 9.7
138 21.1 16.9 25.3



#26
2-Nitrophenol
Concen: 9.091 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:139 Resp: 172633
Ion Ratio Lower Upper
139 100
109 28.0 24.4 36.6
65 43.9 34.2 51.2





#27

2,4-Dimethylphenol

Concen: 9.564 ng

RT: 7.792 min Scan# 91

Delta R.T. -0.006 min

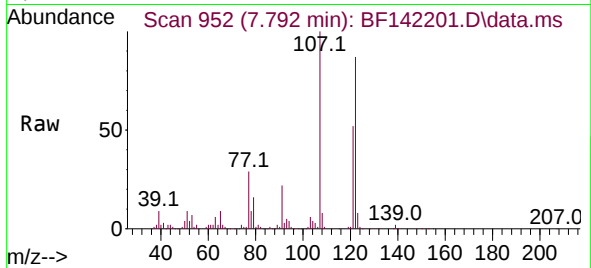
Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :



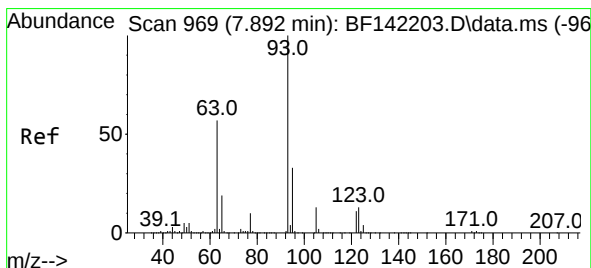
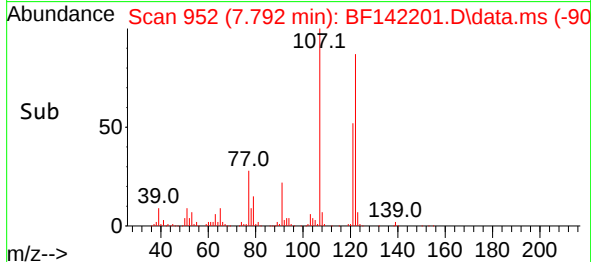
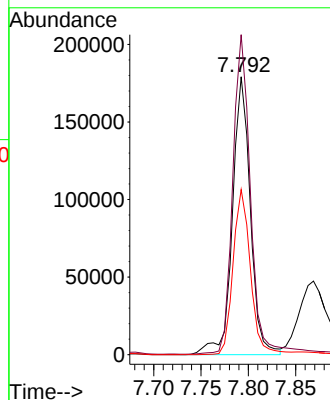
Tgt Ion:122 Resp: 236130

Ion Ratio Lower Upper

122 100

107 115.1 91.6 137.4

121 59.4 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 10.380 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

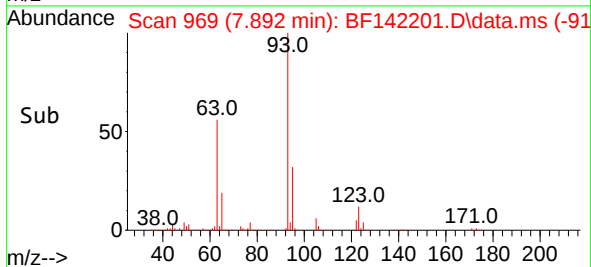
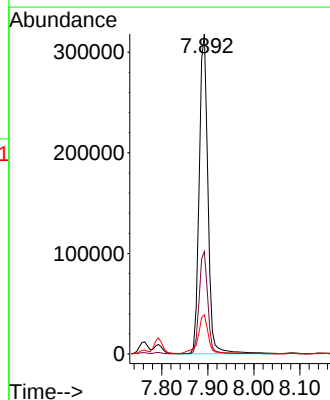
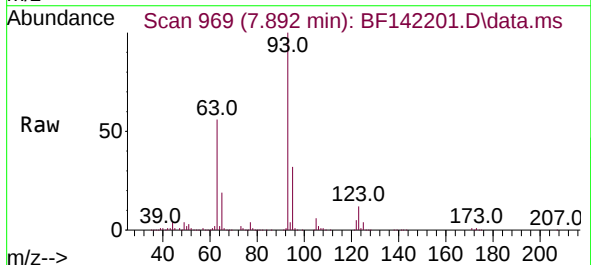
Tgt Ion: 93 Resp: 416997

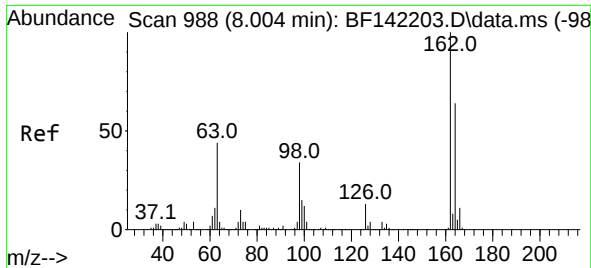
Ion Ratio Lower Upper

93 100

95 32.0 26.3 39.5

123 12.3 10.9 16.3





#29

2,4-Dichlorophenol

Concen: 9.941 ng

RT: 8.004 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142201.D

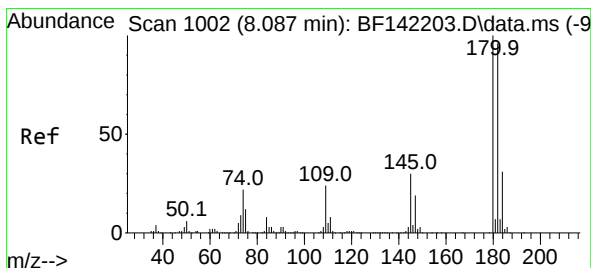
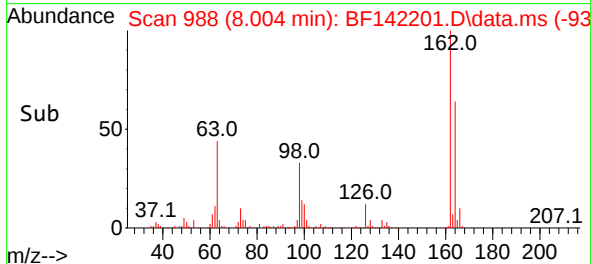
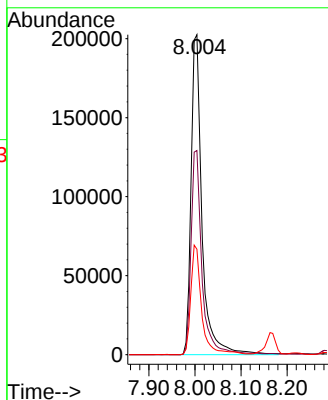
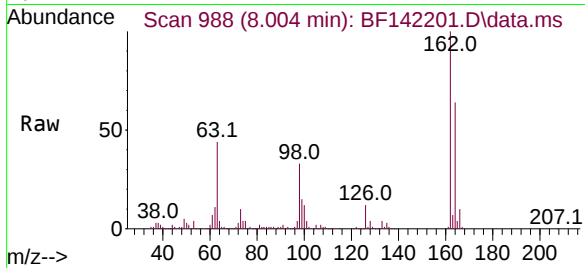
Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:162	Resp: 333804
Ion Ratio	Lower Upper
162 100	
164 63.8	44.2 84.2
98 32.9	13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 10.203 ng

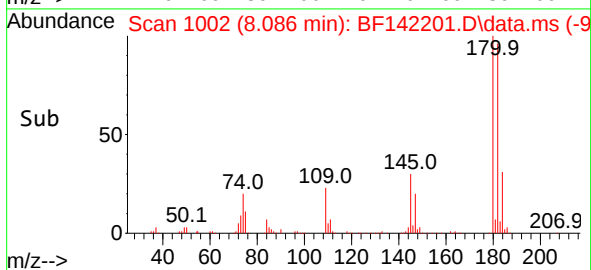
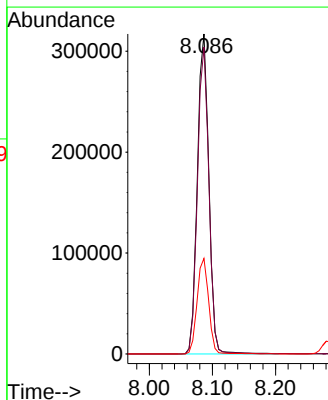
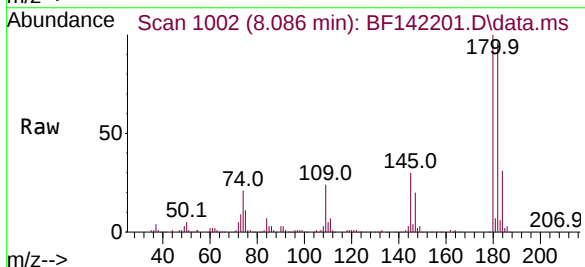
RT: 8.086 min Scan# 1002

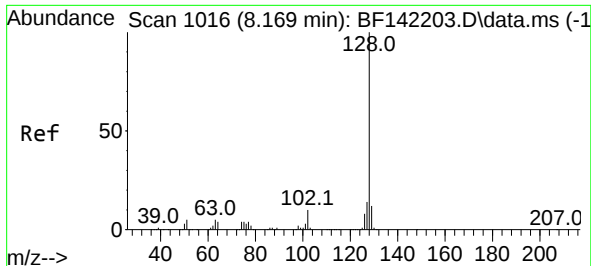
Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Tgt Ion:180	Resp: 400647
Ion Ratio	Lower Upper
180 100	
182 95.9	77.0 115.4
145 29.8	24.3 36.5



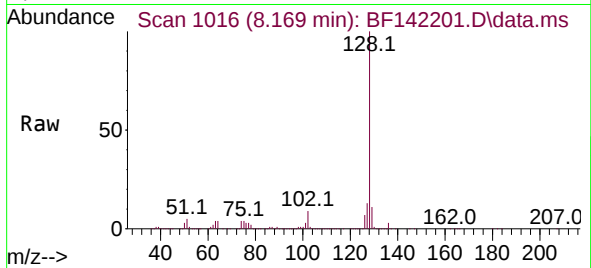


#31
Naphthalene
Concen: 11.247 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

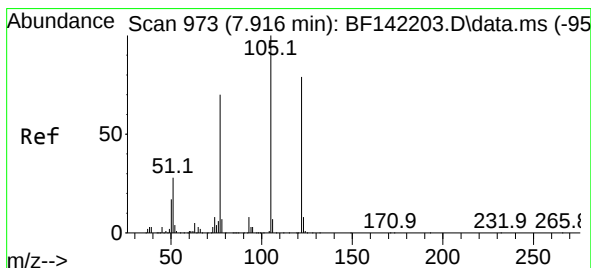
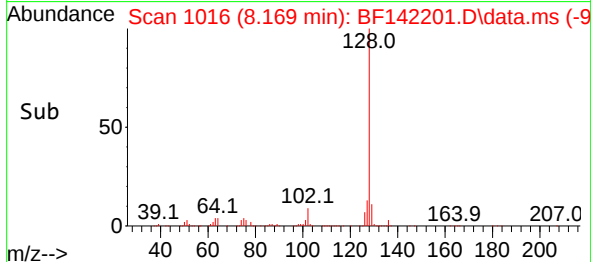
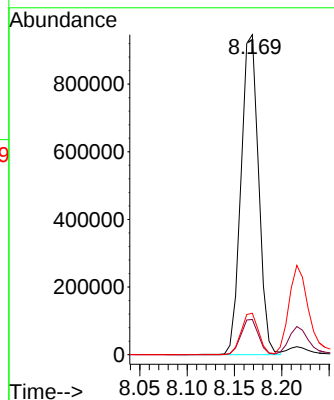
Instrument :

BNA_F

ClientSampleId :

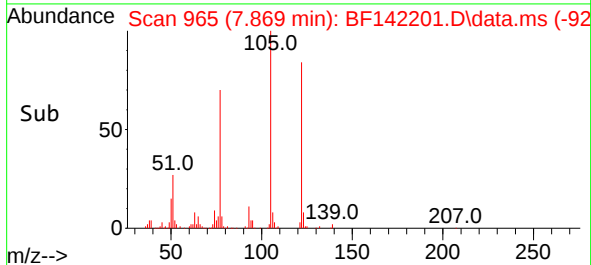
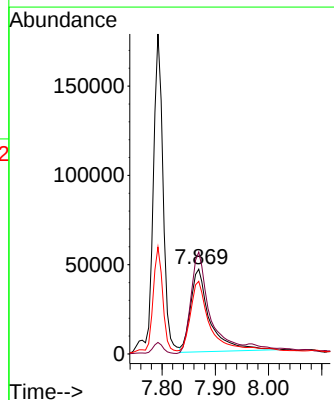
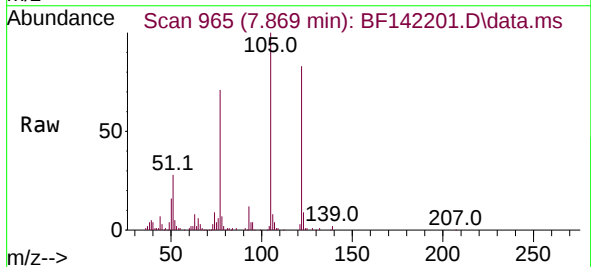


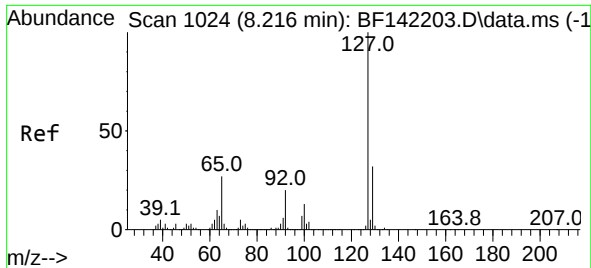
Tgt Ion:128 Resp: 1216644
Ion Ratio Lower Upper
128 100
129 11.0 9.6 14.4
127 12.9 11.4 17.0



#32
Benzoic acid
Concen: 11.310 ng
RT: 7.869 min Scan# 965
Delta R.T. -0.047 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:122 Resp: 118120
Ion Ratio Lower Upper
122 100
105 120.1 101.5 141.5
77 85.8 66.6 106.6

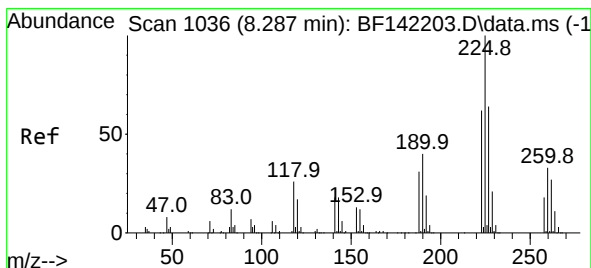
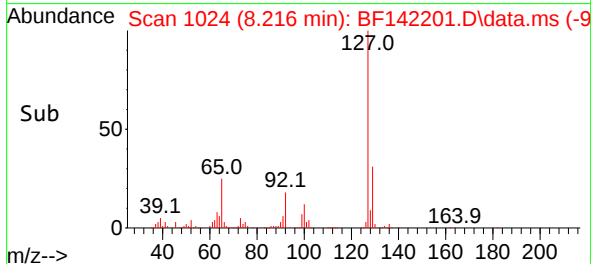
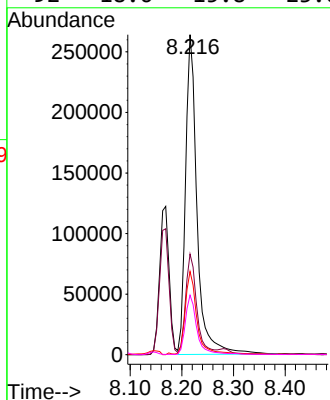
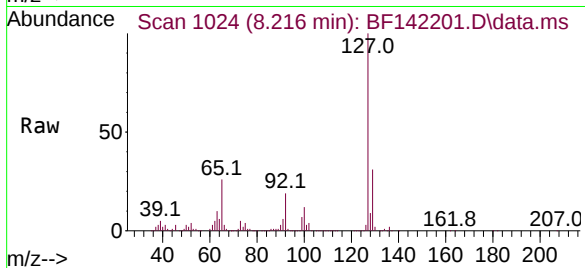




#33
4-Chloroaniline
Concen: 10.405 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

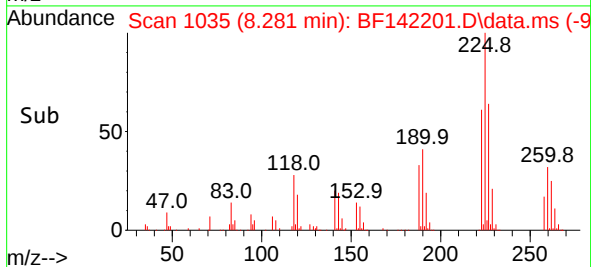
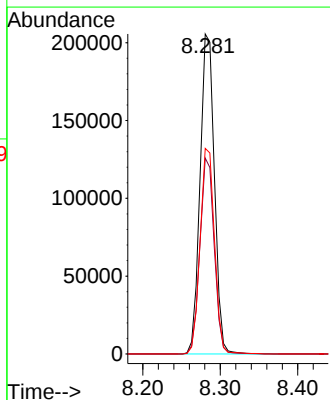
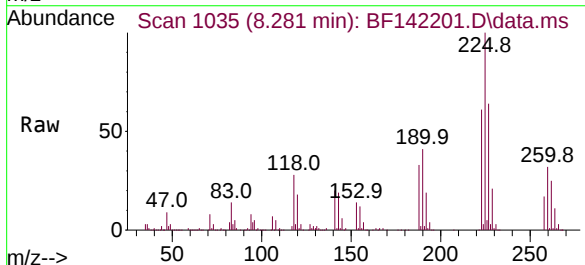
Instrument :
BNA_F
ClientSampleId :

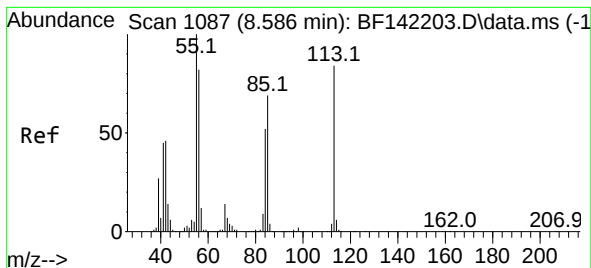
Tgt Ion:	127	Resp:	407584
Ion Ratio	Lower	Upper	
127	100		
129	31.5	25.9	38.9
65	26.0	21.8	32.6
92	18.6	15.8	23.6



#34
Hexachlorobutadiene
Concen: 10.210 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:	225	Resp:	264589
Ion Ratio	Lower	Upper	
225	100		
223	61.2	49.4	74.2
227	64.3	51.4	77.2





#35

Caprolactam

Concen: 9.345 ng

RT: 8.551 min Scan# 1104

Delta R.T. -0.035 min

Lab File: BF142201.D

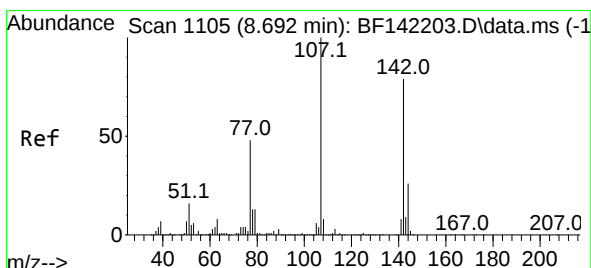
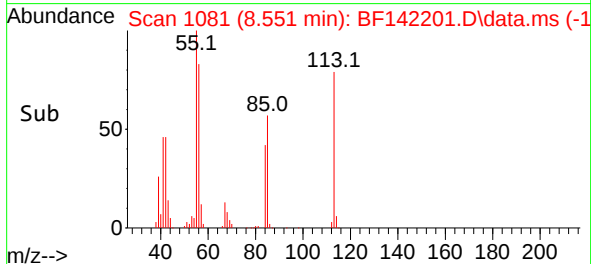
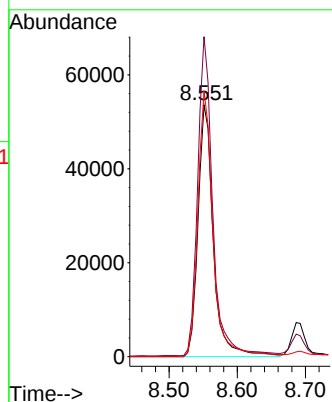
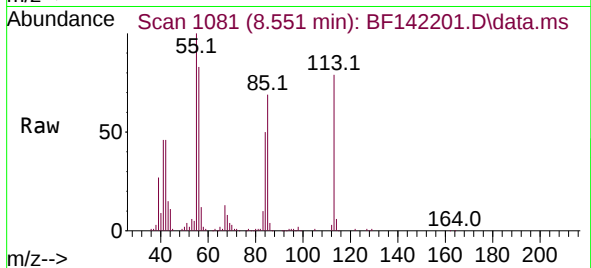
Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	113	Resp:	83708
Ion	Ratio	Lower	Upper
113	100		
55	127.2	99.5	139.5
56	105.6	78.1	118.1



#36

4-Chloro-3-methylphenol

Concen: 10.076 ng

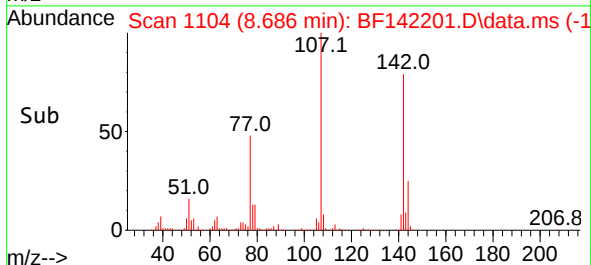
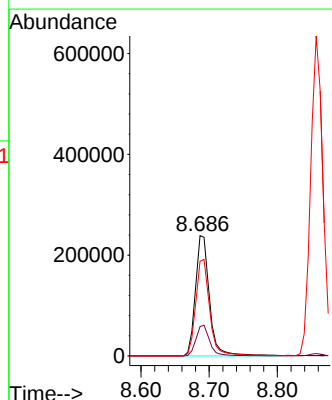
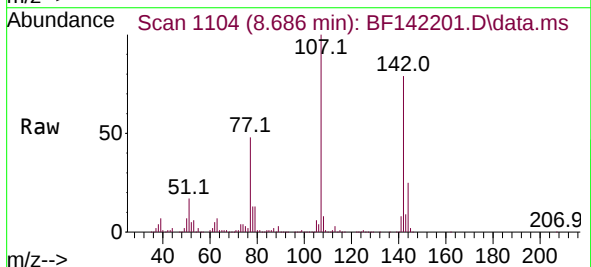
RT: 8.686 min Scan# 1104

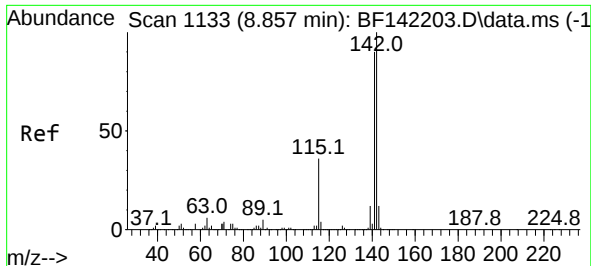
Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Tgt Ion:	107	Resp:	340608
Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.6	30.8
142	78.8	63.2	94.8





#37

2-Methylnaphthalene

Concen: 10.755 ng

RT: 8.857 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

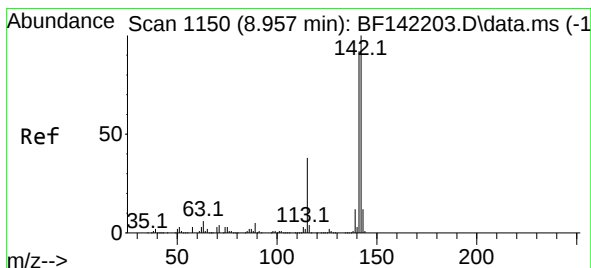
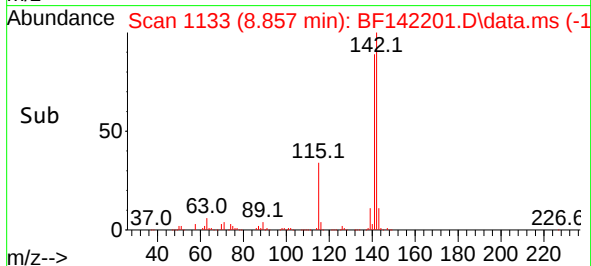
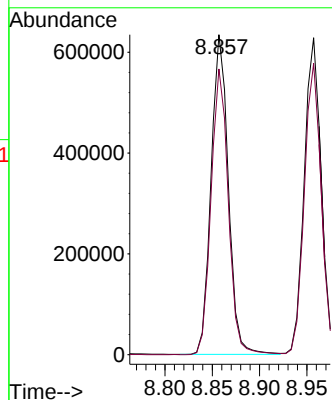
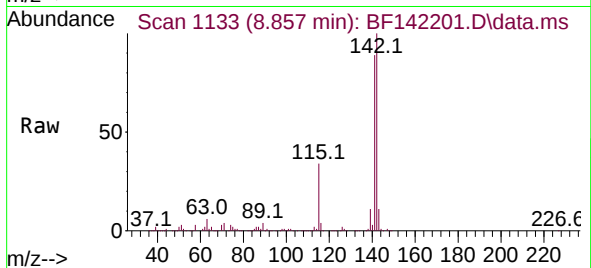
ClientSampleId :

Tgt Ion:142 Resp: 804063

Ion Ratio Lower Upper

142 100

141 89.3 71.9 107.9



#38

1-Methylnaphthalene

Concen: 10.733 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BF142201.D

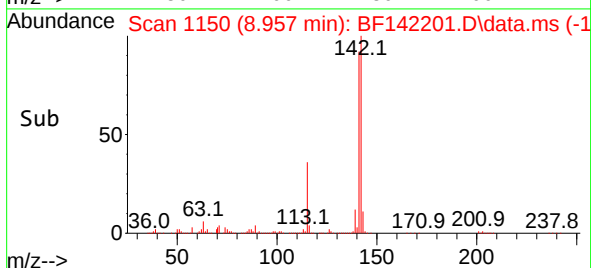
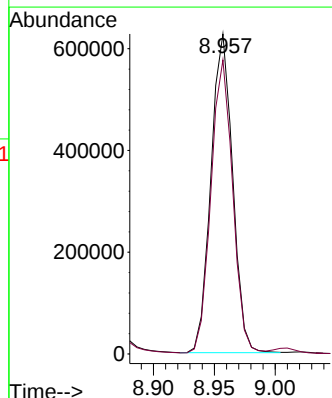
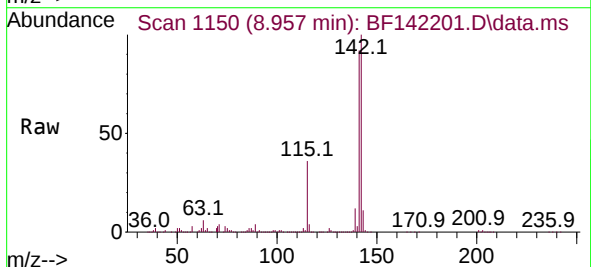
Acq: 21 Apr 2025 12:09

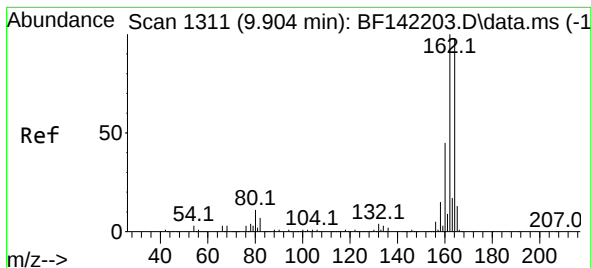
Tgt Ion:142 Resp: 776949

Ion Ratio Lower Upper

142 100

141 91.9 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1110

Delta R.T. -0.006 min

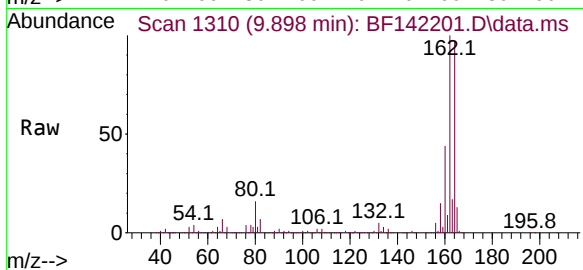
Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :



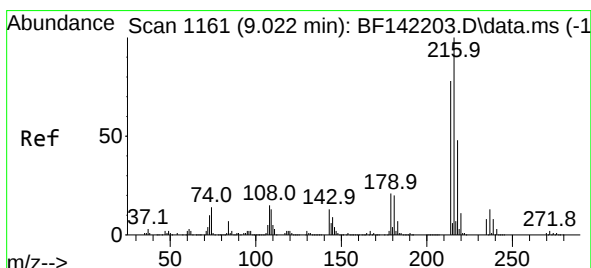
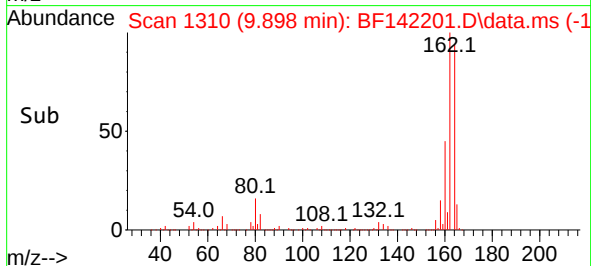
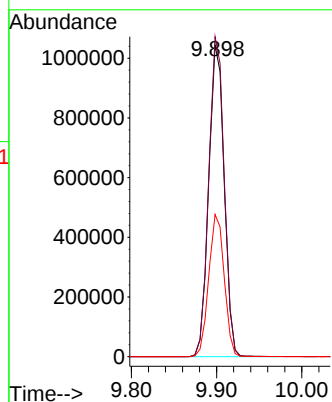
Tgt Ion:164 Resp: 1315585

Ion Ratio Lower Upper

164 100

162 102.7 81.9 122.9

160 45.7 36.8 55.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.357 ng

RT: 9.022 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Tgt Ion:216 Resp: 445815

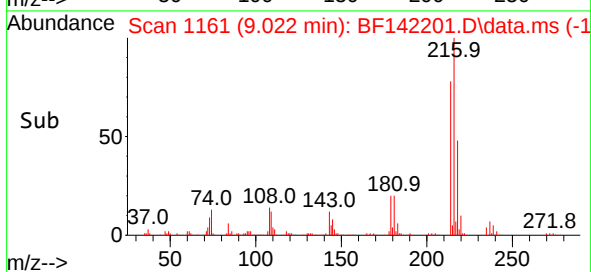
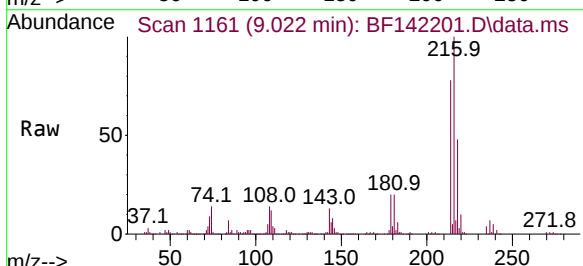
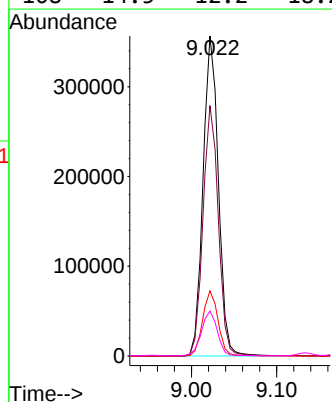
Ion Ratio Lower Upper

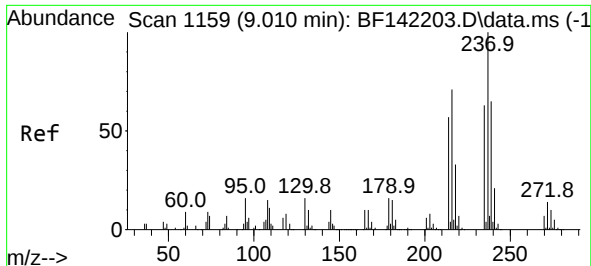
216 100

214 78.2 62.7 94.1

179 20.4 16.7 25.1

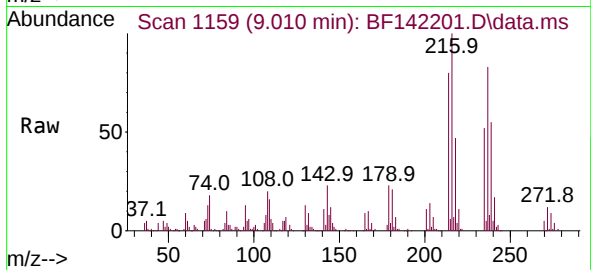
108 14.5 12.2 18.2



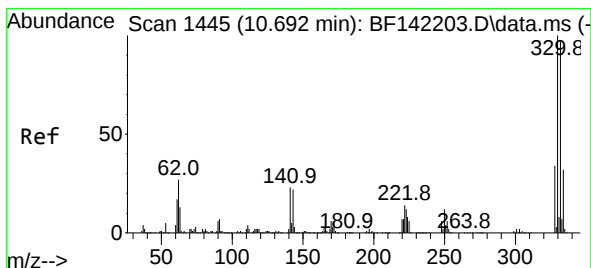
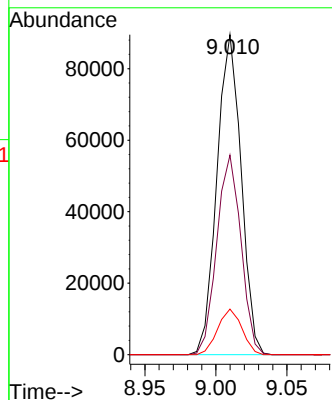
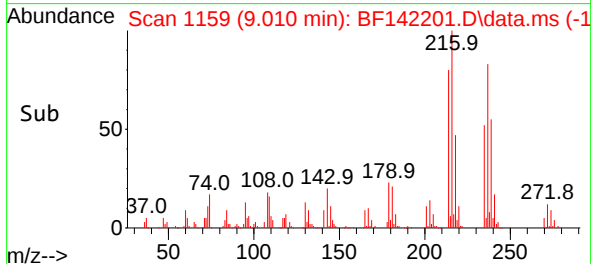


#41
Hexachlorocyclopentadiene
Concen: 8.039 ng
RT: 9.010 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

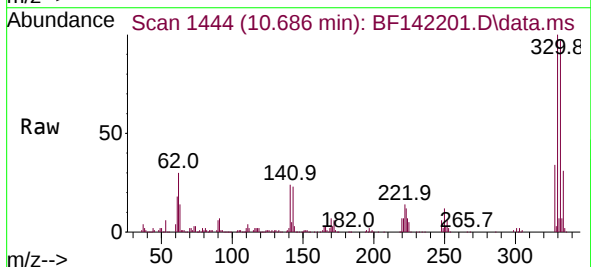
Instrument :
BNA_F
ClientSampleId :



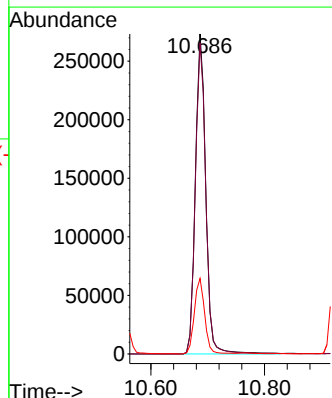
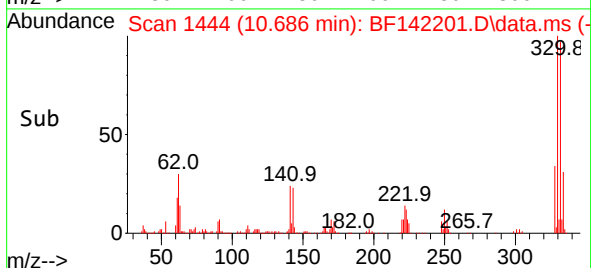
Tgt Ion:237 Resp: 106112
Ion Ratio Lower Upper
237 100
235 62.3 42.6 82.6
272 14.2 0.0 33.6

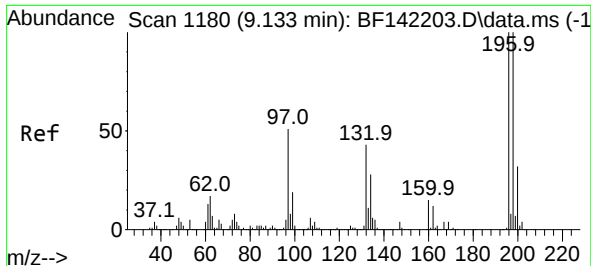


#42
2,4,6-Tribromophenol
Concen: 19.391 ng
RT: 10.686 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09



Tgt Ion:330 Resp: 348797
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 23.6 18.9 28.3





#43

2,4,6-Trichlorophenol

Concen: 9.600 ng

RT: 9.133 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

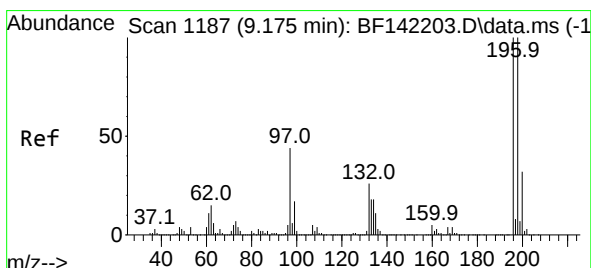
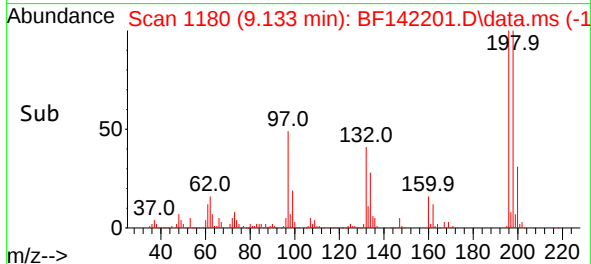
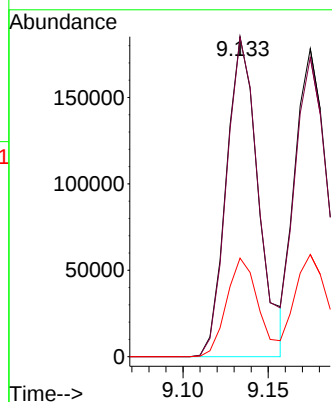
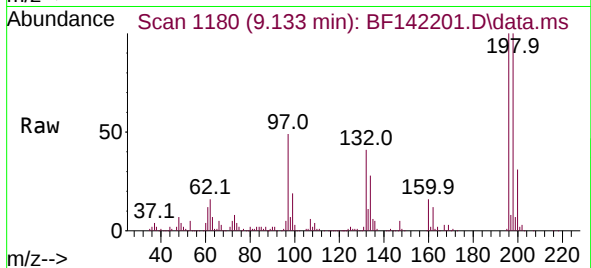
Tgt Ion:196 Resp: 241266

Ion Ratio Lower Upper

196 100

198 99.8 80.0 120.0

200 30.8 25.6 38.4



#44

2,4,5-Trichlorophenol

Concen: 9.487 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Tgt Ion:196 Resp: 255557

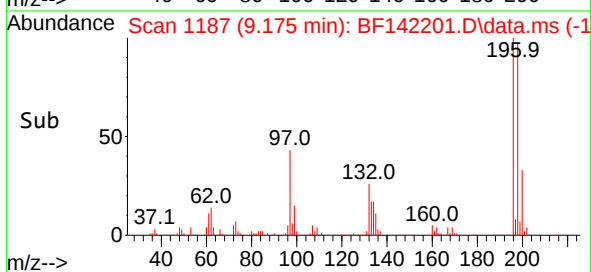
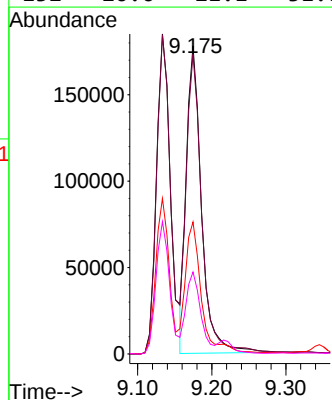
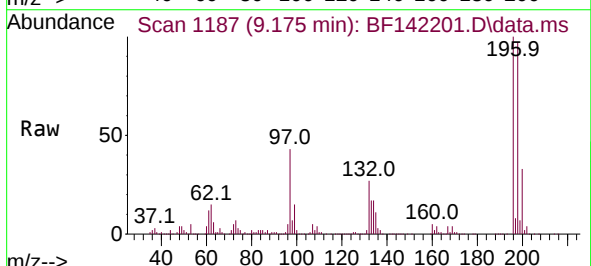
Ion Ratio Lower Upper

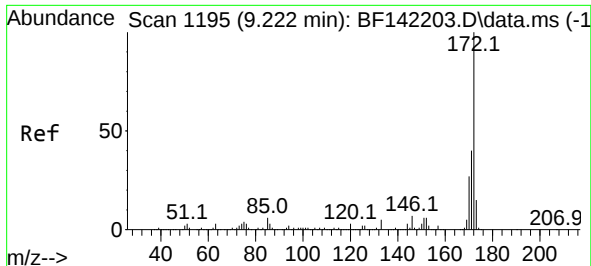
196 100

198 97.2 80.0 120.0

97 42.9 35.9 53.9

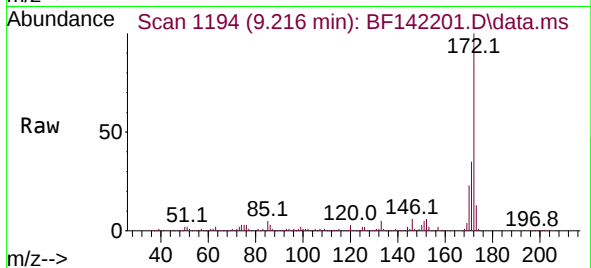
132 26.6 21.1 31.7



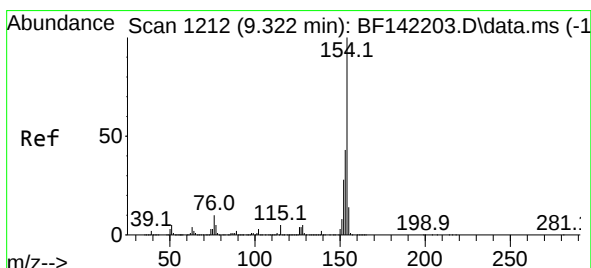
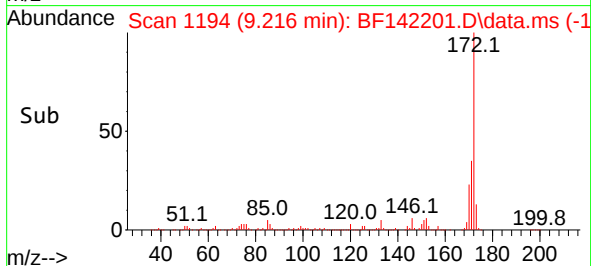
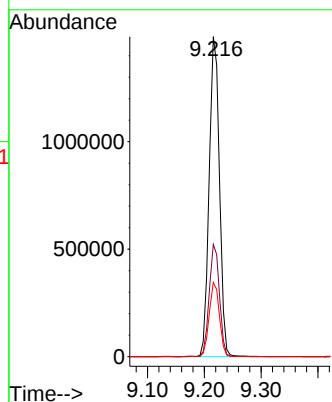


#45
2-Fluorobiphenyl
Concen: 23.089 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Instrument :
BNA_F
ClientSampleId :

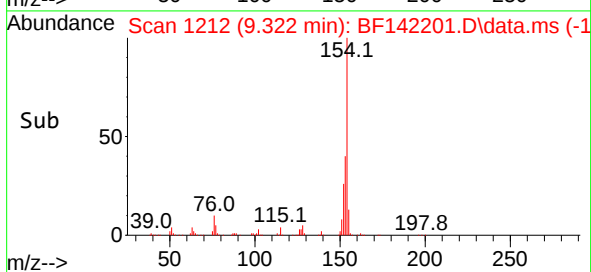
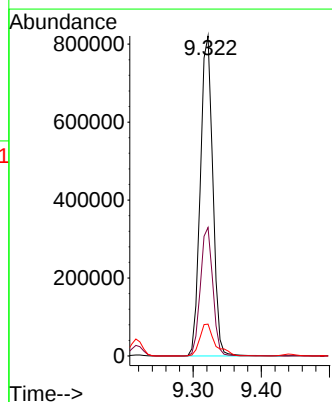
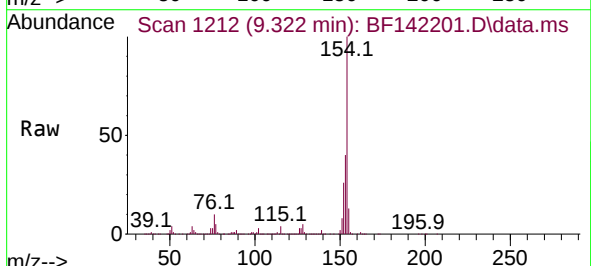


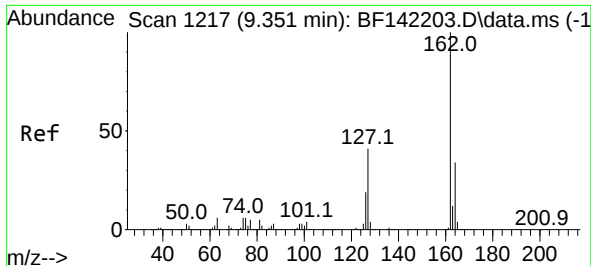
Tgt Ion:172 Resp: 1863623
Ion Ratio Lower Upper
172 100
171 35.1 32.1 48.1
170 23.2 21.4 32.0



#46
1,1'-Biphenyl
Concen: 11.037 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:154 Resp: 1041165
Ion Ratio Lower Upper
154 100
153 40.2 22.5 62.5
76 9.9 0.0 30.4





#47

2-Chloronaphthalene

Concen: 10.567 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

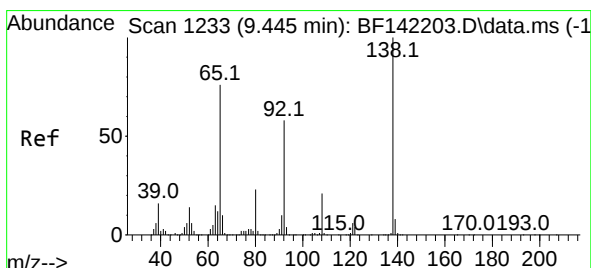
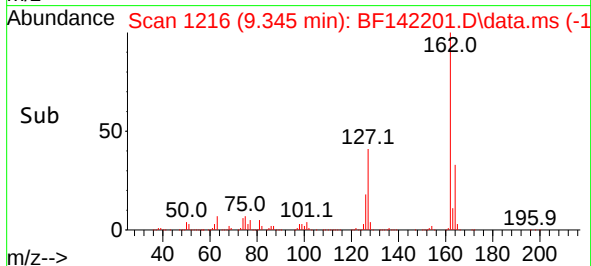
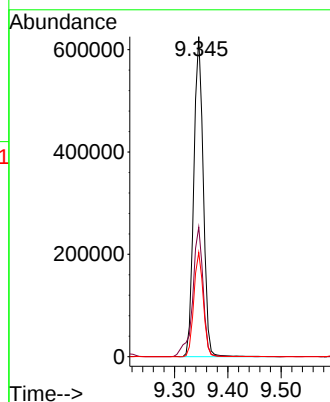
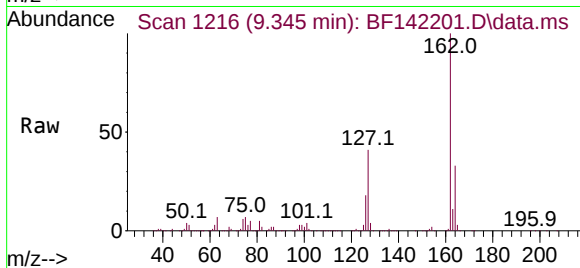
Tgt Ion:162 Resp: 773779

Ion Ratio Lower Upper

162 100

127 40.5 33.1 49.7

164 32.5 27.1 40.7



#48

2-Nitroaniline

Concen: 9.576 ng

RT: 9.439 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

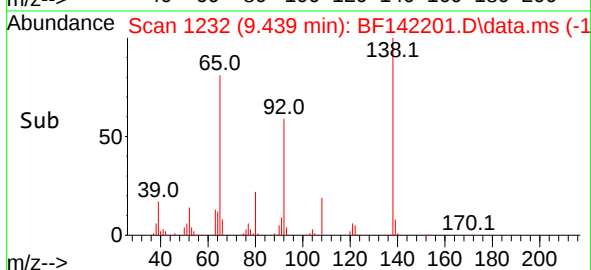
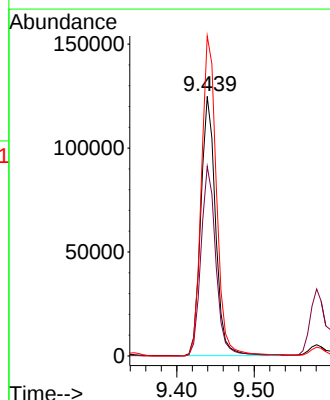
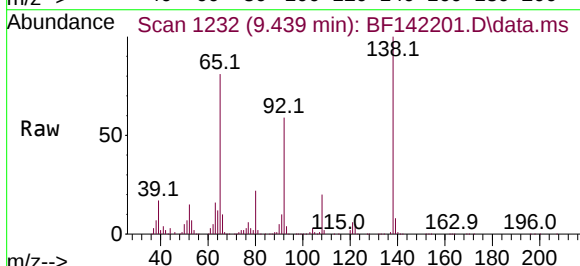
Tgt Ion: 65 Resp: 164363

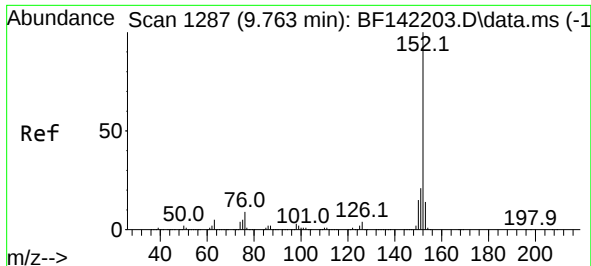
Ion Ratio Lower Upper

65 100

92 73.1 61.4 92.0

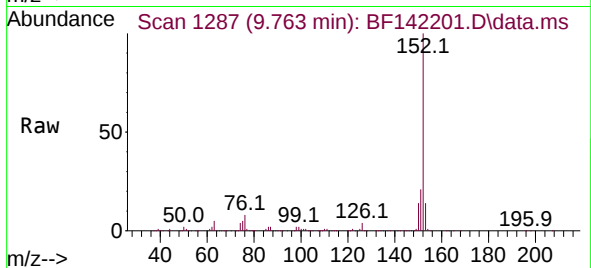
138 123.3 105.8 158.6



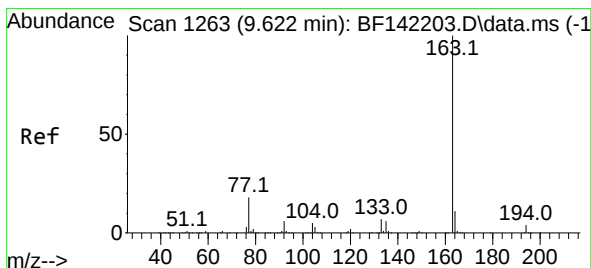
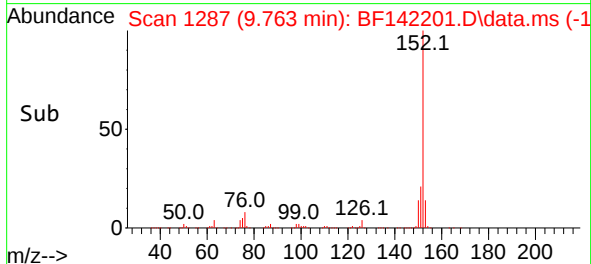
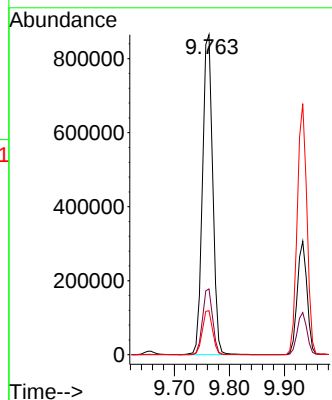


#49
Acenaphthylene
Concen: 10.811 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Instrument :
BNA_F
ClientSampleId :

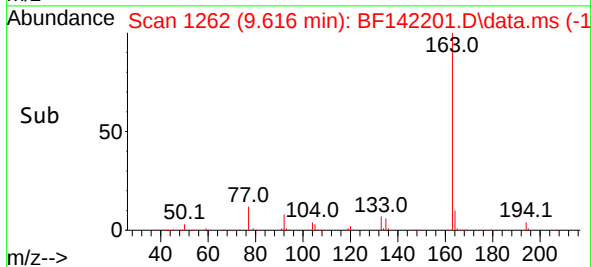
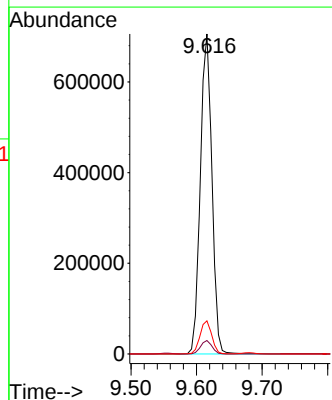
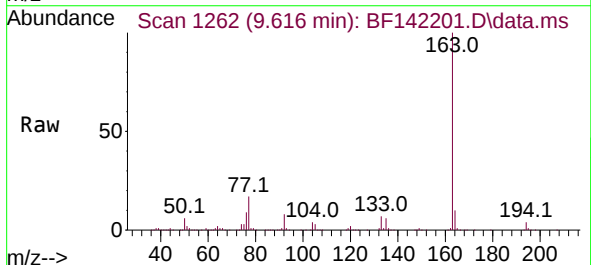


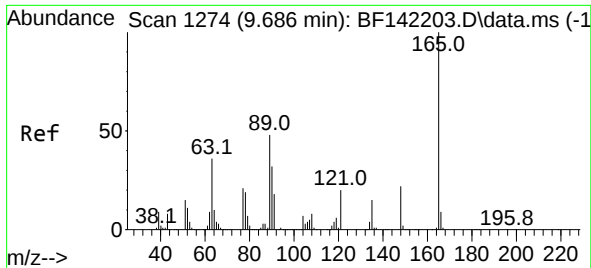
Tgt Ion:152 Resp: 1118944
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 13.7 11.6 17.4



#50
Dimethylphthalate
Concen: 10.308 ng
RT: 9.616 min Scan# 1262
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

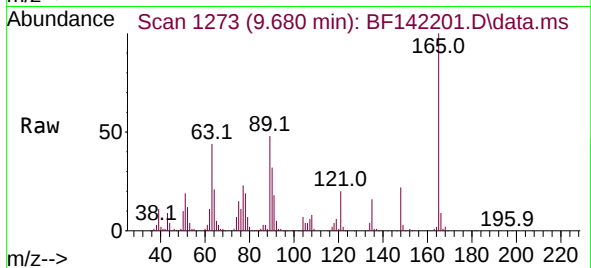
Tgt Ion:163 Resp: 869463
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.4 8.6 12.8



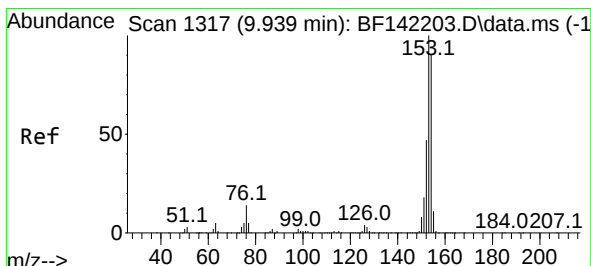
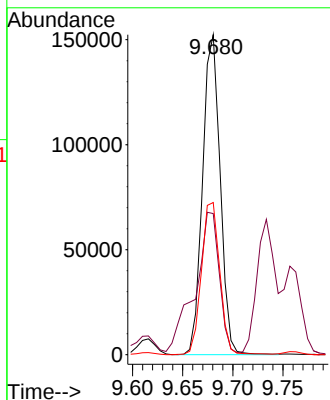
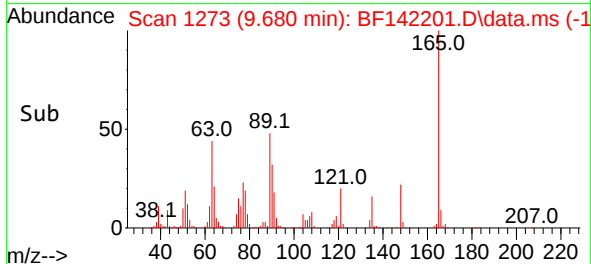


#51
2,6-Dinitrotoluene
Concen: 9.842 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

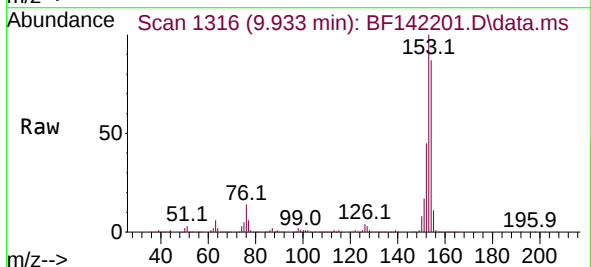
Instrument :
BNA_F
ClientSampleId :



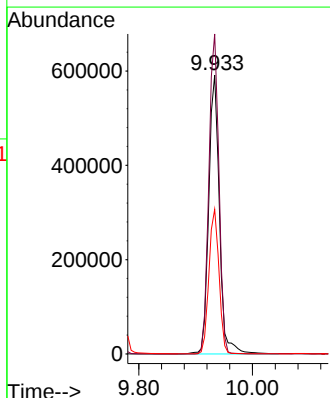
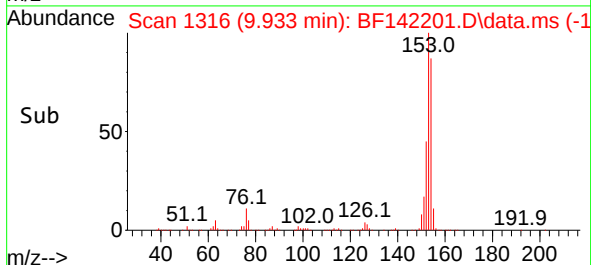
Tgt Ion:165 Resp: 186390
Ion Ratio Lower Upper
165 100
63 44.1 35.4 53.2
89 47.6 38.6 58.0

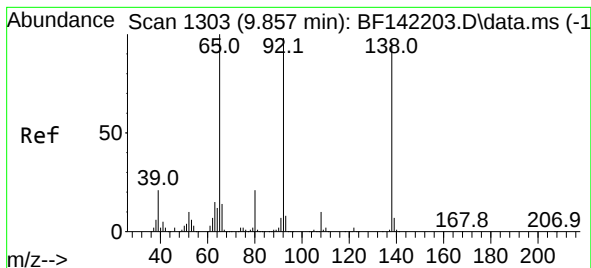


#52
Acenaphthene
Concen: 10.304 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09



Tgt Ion:154 Resp: 768504
Ion Ratio Lower Upper
154 100
153 114.7 89.0 133.4
152 51.8 41.8 62.8





#53

3-Nitroaniline

Concen: 10.024 ng

RT: 9.851 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

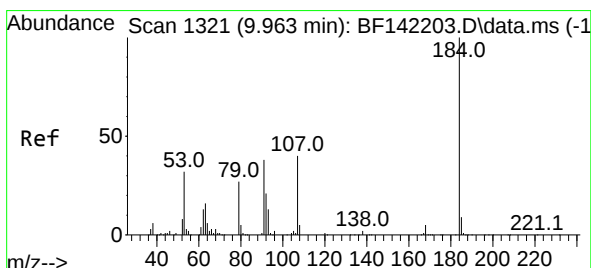
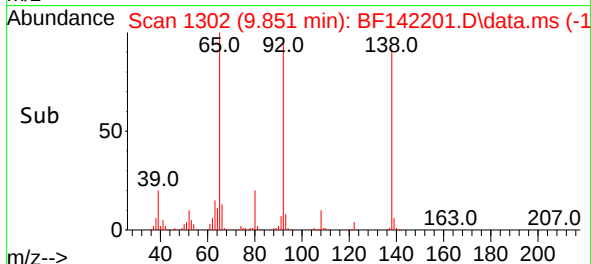
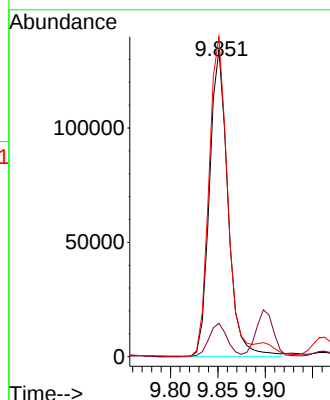
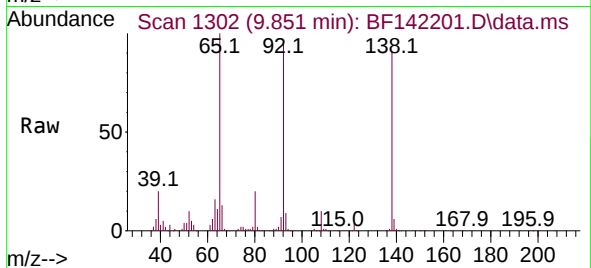
Tgt Ion:138 Resp: 181893

Ion Ratio Lower Upper

138 100

108 10.9 8.5 12.7

92 104.2 81.8 122.8



#54

2,4-Dinitrophenol

Concen: 6.657 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

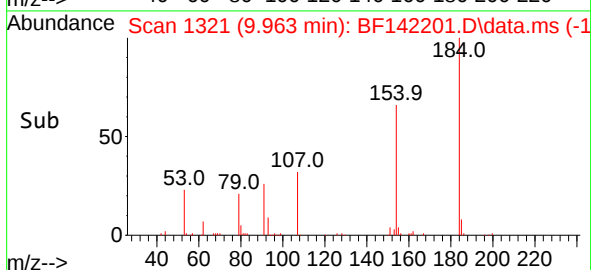
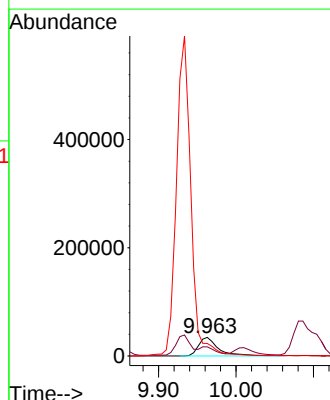
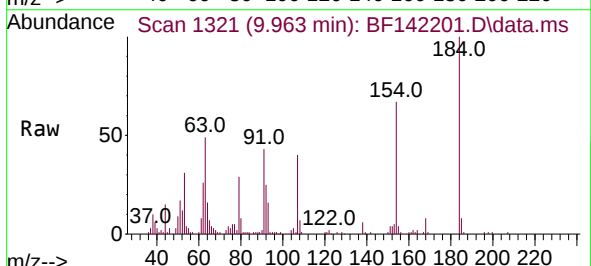
Tgt Ion:184 Resp: 61743

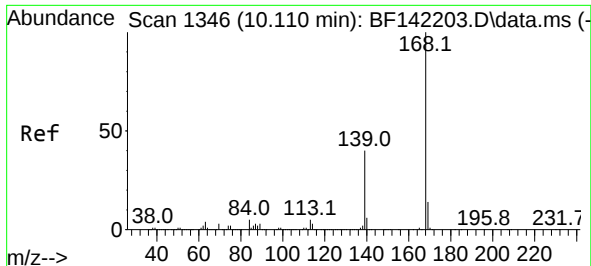
Ion Ratio Lower Upper

184 100

63 49.5 39.0 58.4

154 67.1 52.2 78.4

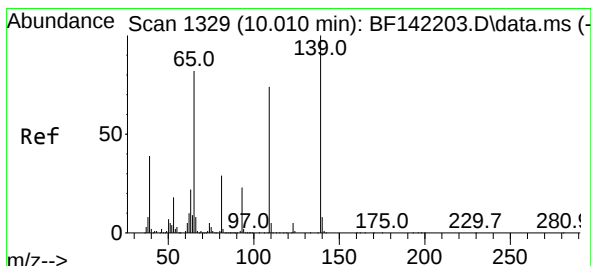
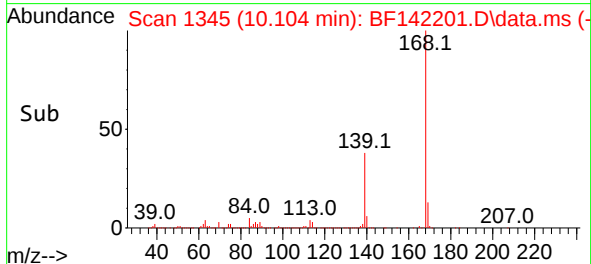
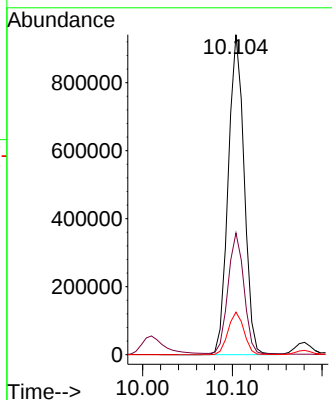
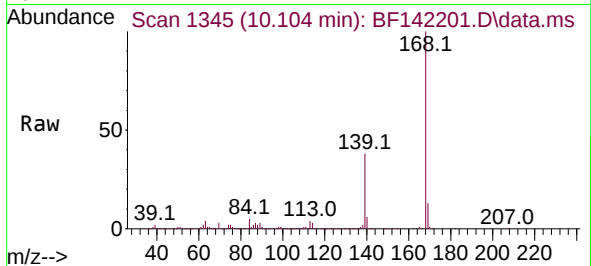




#55
Dibenzofuran
Concen: 11.105 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

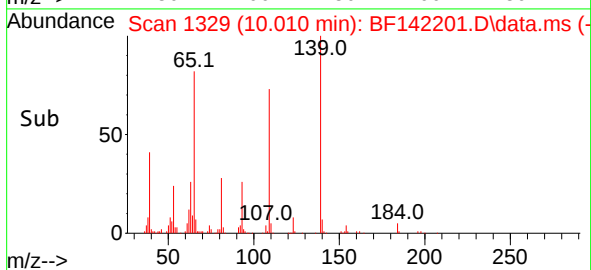
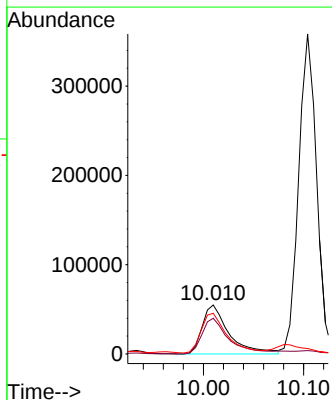
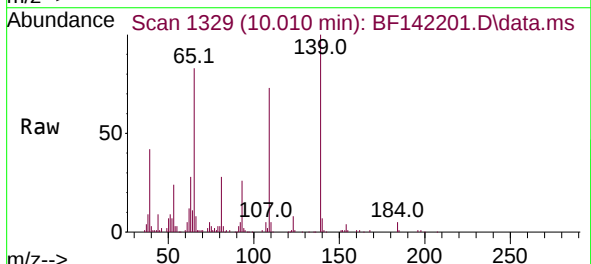
Instrument :
BNA_F
ClientSampleId :

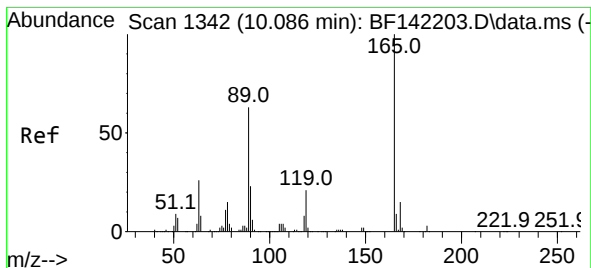
Tgt Ion:168 Resp: 1161116
Ion Ratio Lower Upper
168 100
139 38.1 32.3 48.5
169 13.3 11.4 17.0



#56
4-Nitrophenol
Concen: 7.708 ng
RT: 10.010 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

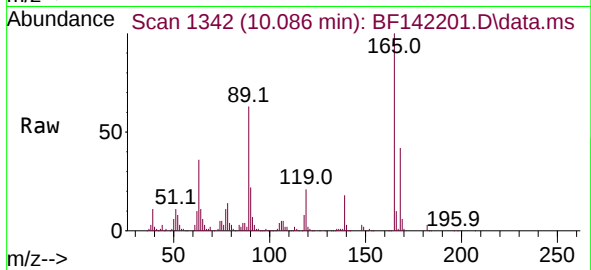
Tgt Ion:139 Resp: 102313
Ion Ratio Lower Upper
139 100
109 72.9 54.1 94.1
65 82.8 62.1 102.1



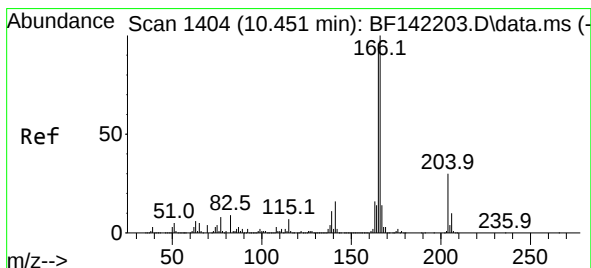
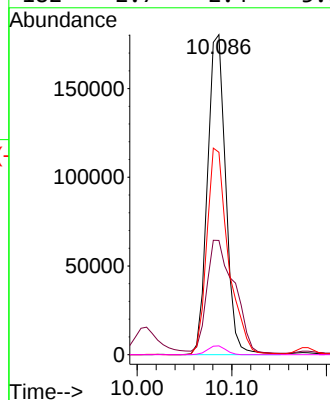
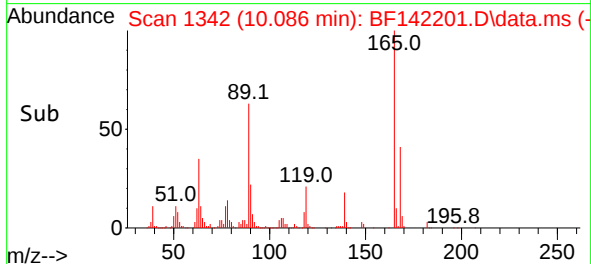


#57
2,4-Dinitrotoluene
Concen: 9.874 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

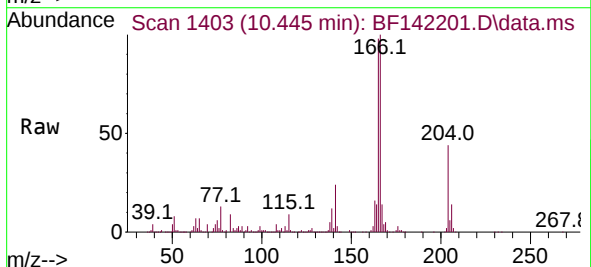
Instrument :
BNA_F
ClientSampleId :



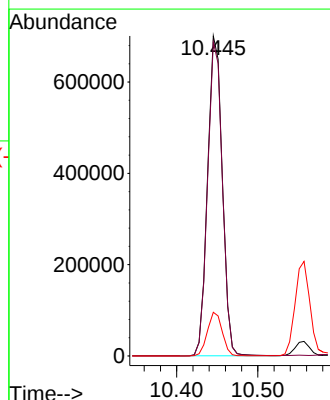
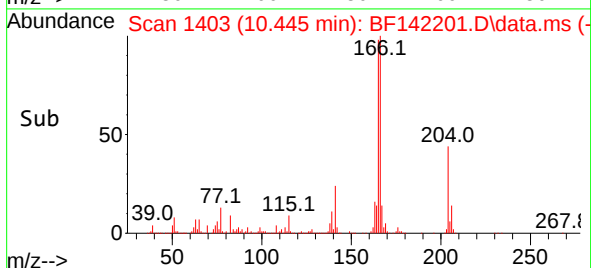
Tgt Ion:165 Resp: 241529
Ion Ratio Lower Upper
165 100
63 35.7 29.0 43.6
89 63.2 50.1 75.1
182 2.7 2.4 3.6

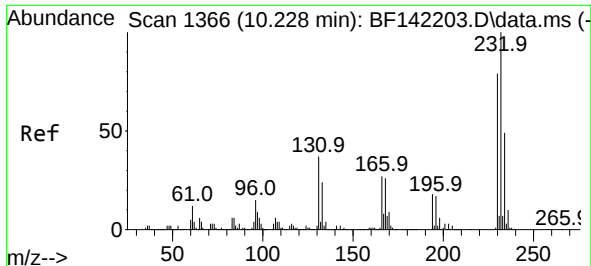


#58
Fluorene
Concen: 10.893 ng
RT: 10.445 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09



Tgt Ion:166 Resp: 881069
Ion Ratio Lower Upper
166 100
165 98.1 77.1 115.7
167 13.7 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.576 ng

RT: 10.222 min Scan# 1365

Delta R.T. -0.006 min

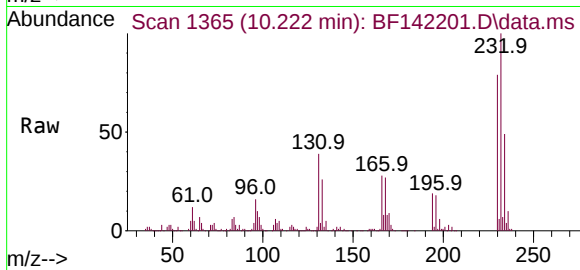
Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:232 Resp: 230629

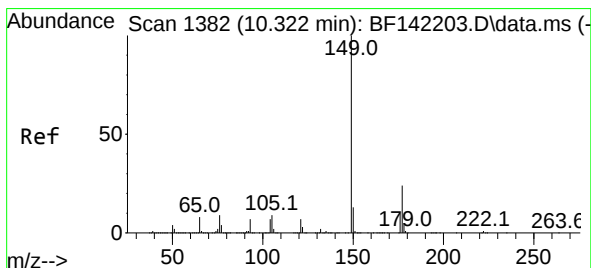
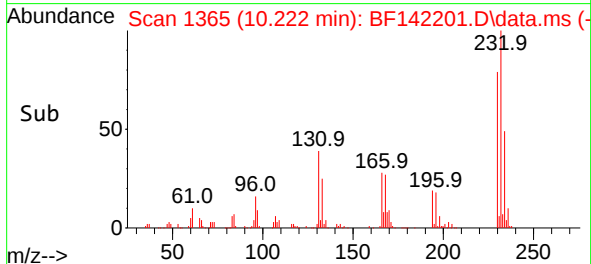
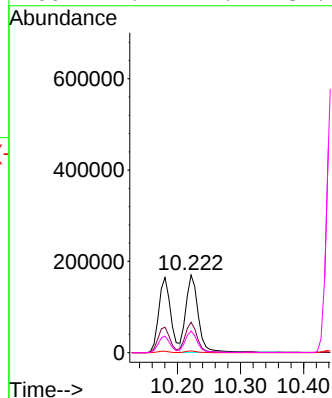
Ion Ratio Lower Upper

232 100

131 39.0 31.9 47.9

130 2.2 1.6 2.4

166 27.2 21.9 32.9



#60

Diethylphthalate

Concen: 10.575 ng

RT: 10.316 min Scan# 1381

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

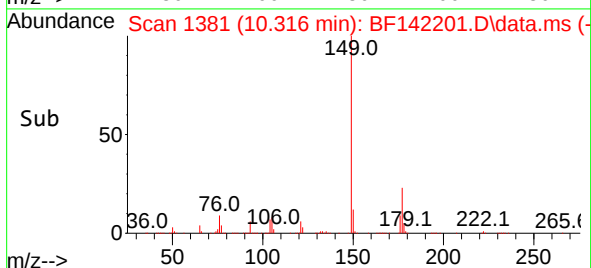
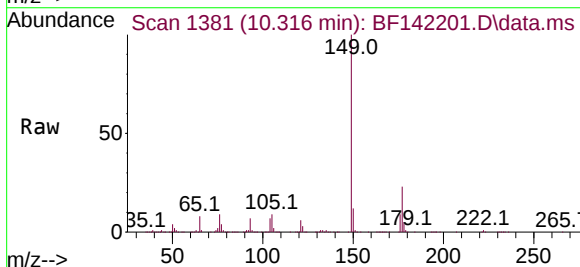
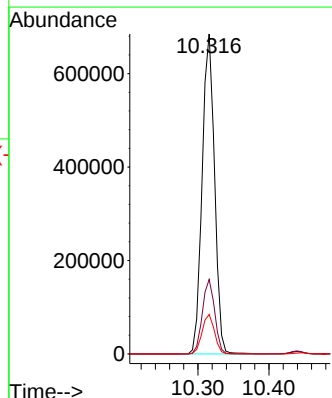
Tgt Ion:149 Resp: 832900

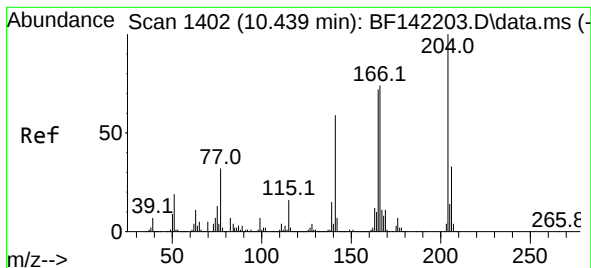
Ion Ratio Lower Upper

149 100

177 23.3 19.6 29.4

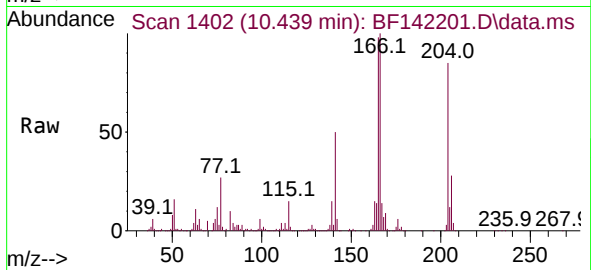
150 12.4 10.6 15.8



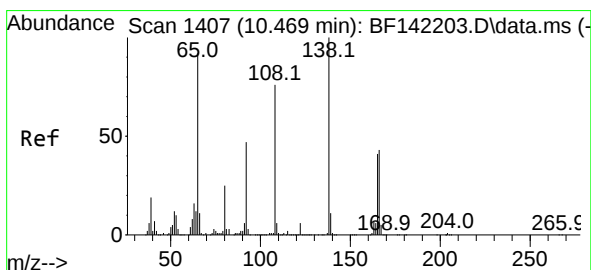
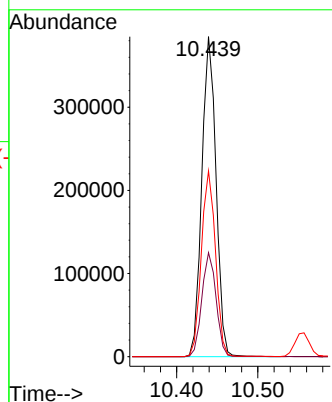
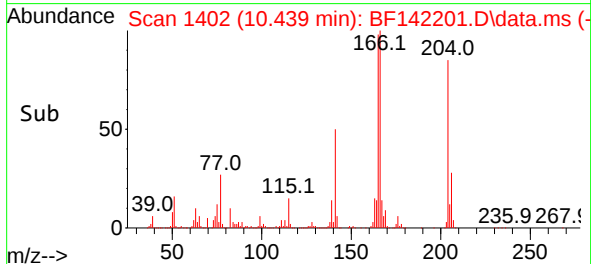


#61
4-Chlorophenyl-phenylether
Concen: 10.493 ng
RT: 10.439 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

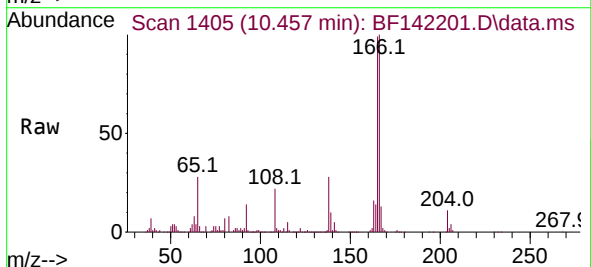
Instrument :
BNA_F
ClientSampleId :



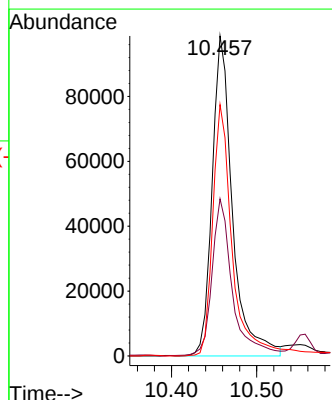
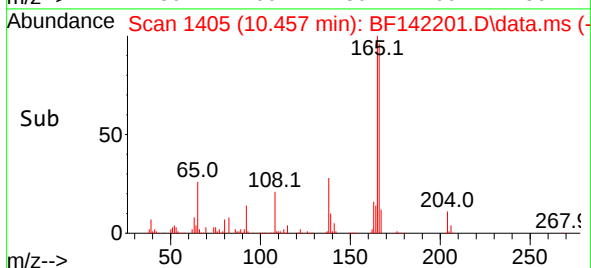
Tgt Ion:204 Resp: 467315
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 58.1 47.0 70.6

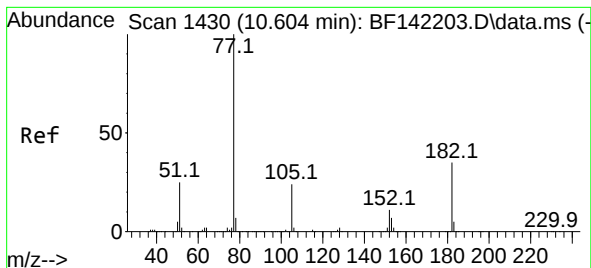


#62
4-Nitroaniline
Concen: 9.497 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09



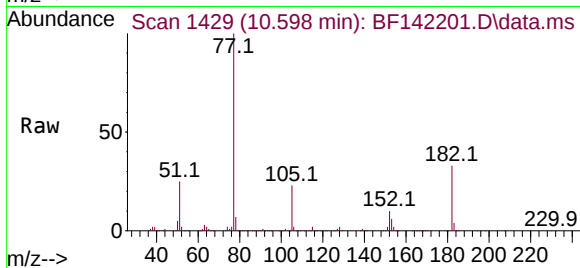
Tgt Ion:138 Resp: 163792
Ion Ratio Lower Upper
138 100
92 49.1 26.7 66.7
108 78.6 56.5 96.5



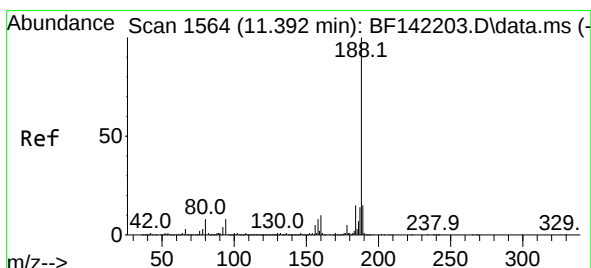
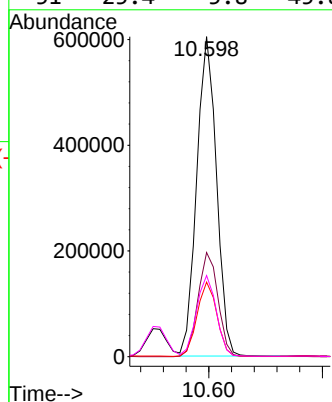
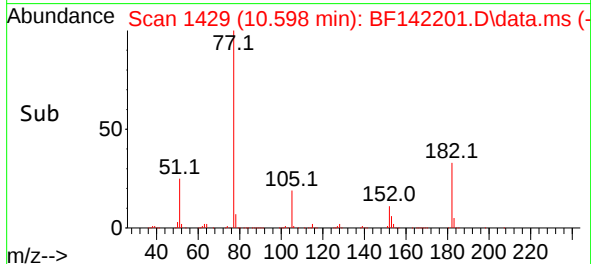


#63
Azobenzene
Concen: 10.642 ng
RT: 10.598 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Instrument :
BNA_F
ClientSampleId :

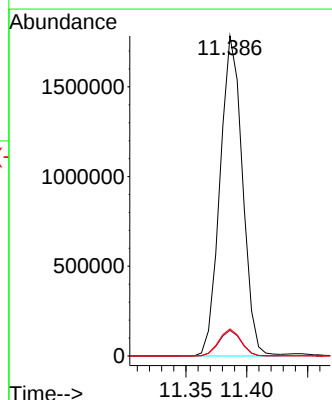
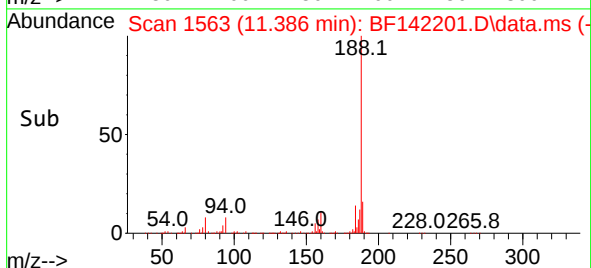
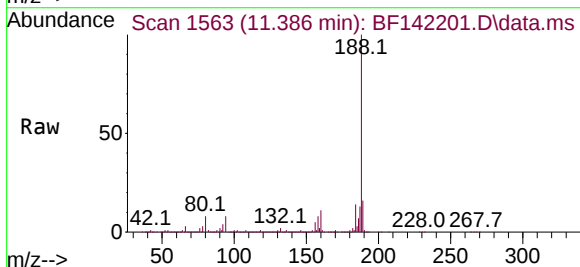


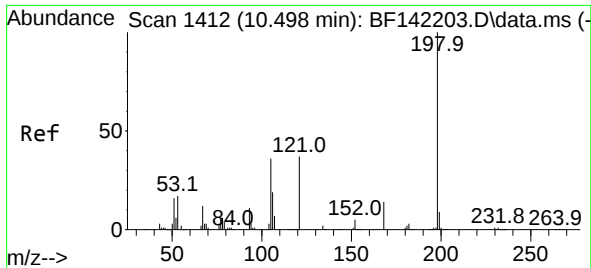
Tgt Ion: 77 Resp: 729902
Ion Ratio Lower Upper
77 100
182 32.5 14.8 54.8
105 23.3 4.0 44.0
51 25.4 5.8 45.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:188 Resp: 2289491
Ion Ratio Lower Upper
188 100
94 8.0 6.3 9.5
80 8.4 6.7 10.1

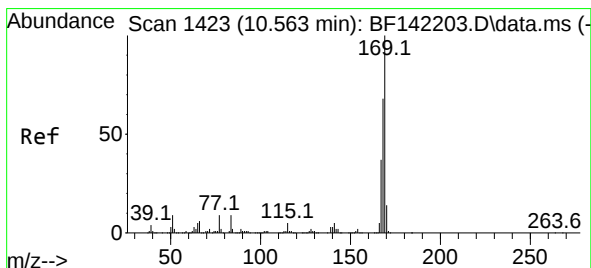
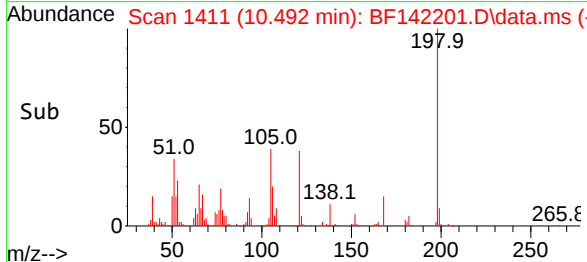
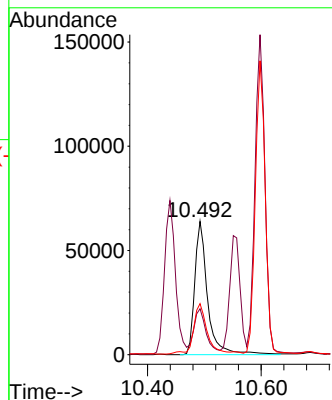
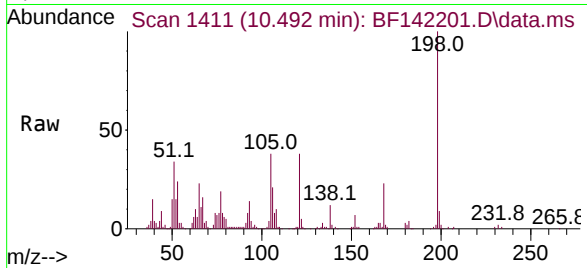




#65
4,6-Dinitro-2-methylphenol
Concen: 7.554 ng
RT: 10.492 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

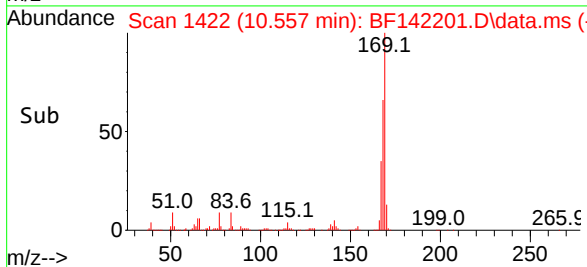
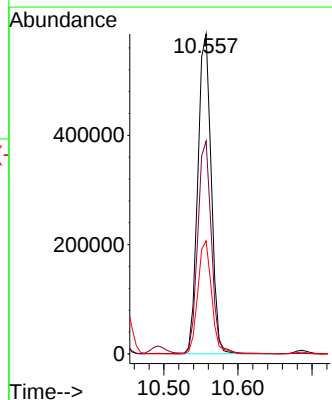
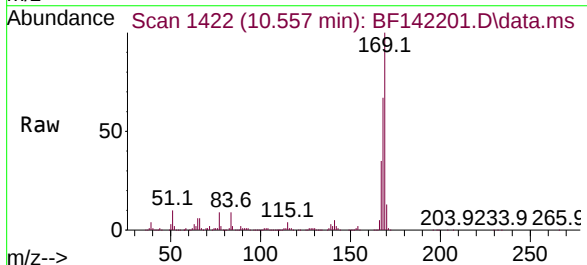
Instrument :
BNA_F
ClientSampleId :

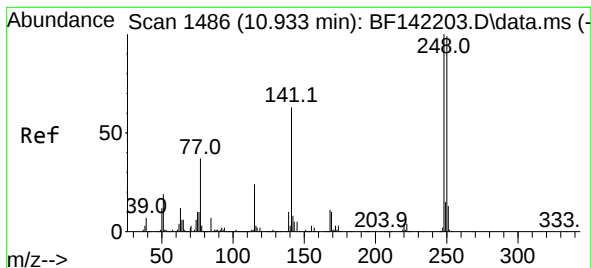
Tgt Ion:198 Resp: 100957
Ion Ratio Lower Upper
198 100
51 34.5 10.2 50.2
105 38.3 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 10.446 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

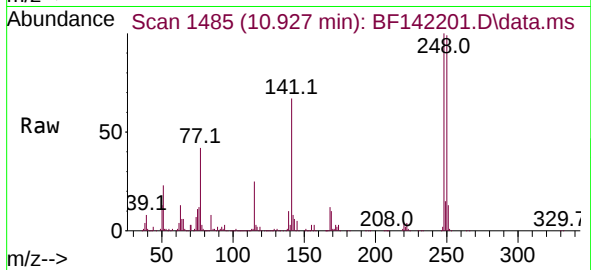
Tgt Ion:169 Resp: 733023
Ion Ratio Lower Upper
169 100
168 66.5 54.2 81.2
167 35.4 29.4 44.2



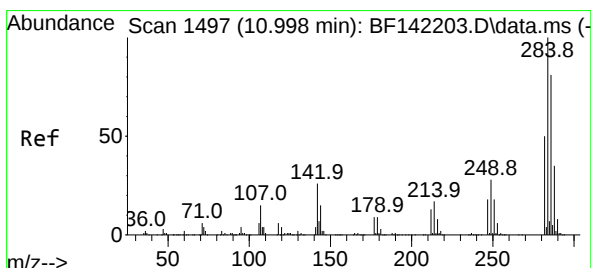
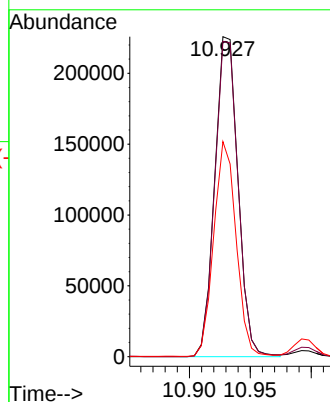
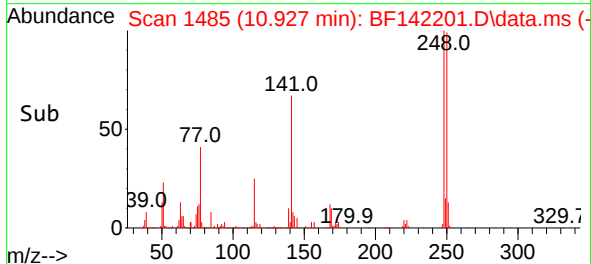


#67
4-Bromophenyl-phenylether
Concen: 9.978 ng
RT: 10.927 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

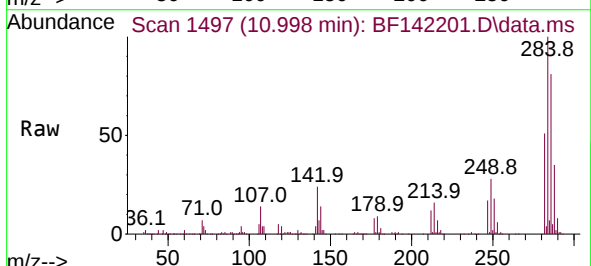
Instrument :
BNA_F
ClientSampleId :



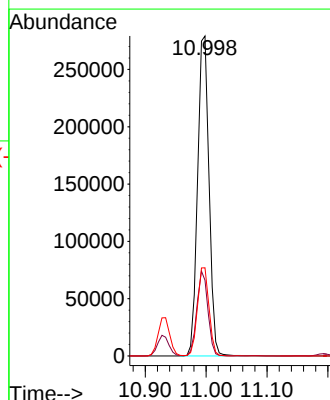
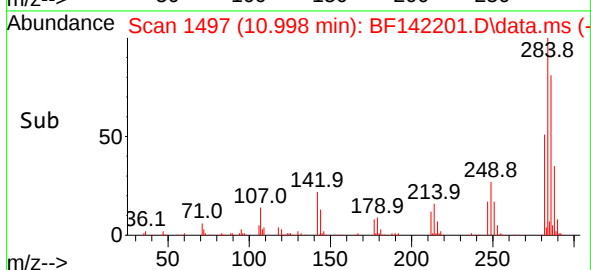
Tgt Ion:248 Resp: 300436
Ion Ratio Lower Upper
248 100
250 98.6 78.8 118.2
141 67.2 50.6 75.8

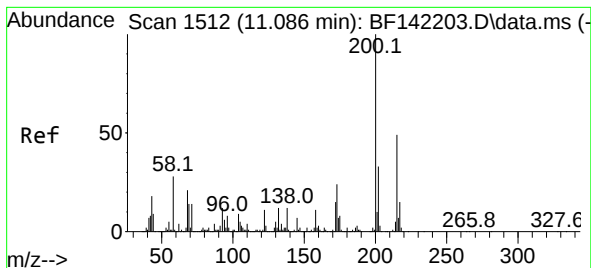


#68
Hexachlorobenzene
Concen: 10.146 ng
RT: 10.998 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09



Tgt Ion:284 Resp: 363535
Ion Ratio Lower Upper
284 100
142 23.7 20.7 31.1
249 27.6 22.8 34.2





#69

Atrazine

Concen: 11.916 ng

RT: 11.080 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

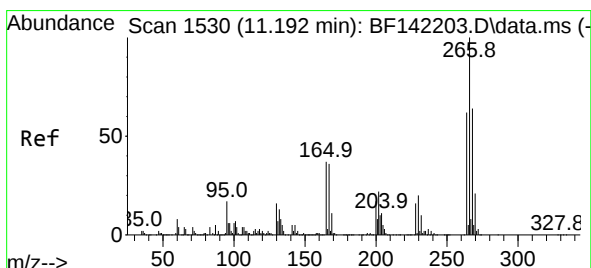
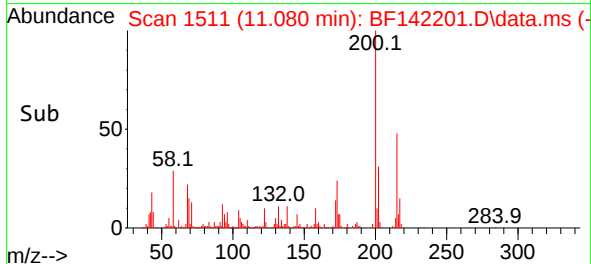
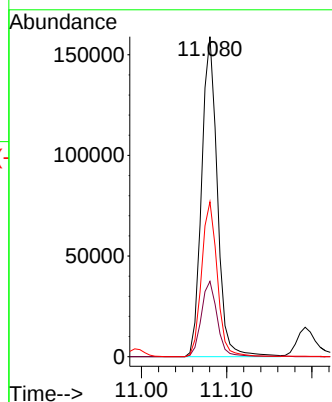
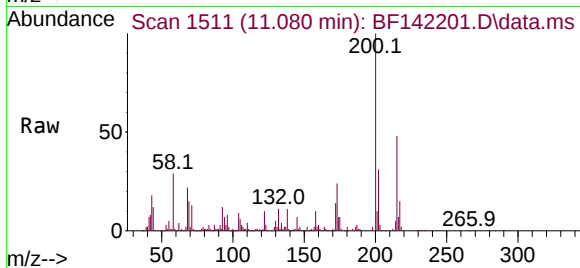
Tgt Ion:200 Resp: 204039

Ion Ratio Lower Upper

200 100

173 23.6 4.4 44.4

215 48.4 28.6 68.6



#70

Pentachlorophenol

Concen: 8.499 ng

RT: 11.192 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

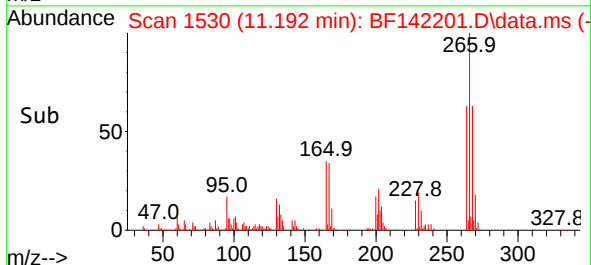
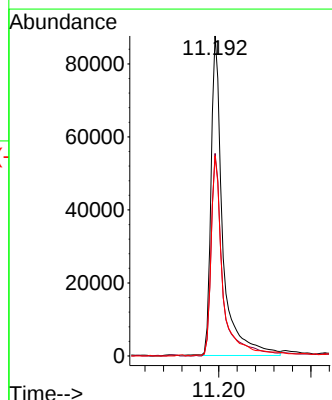
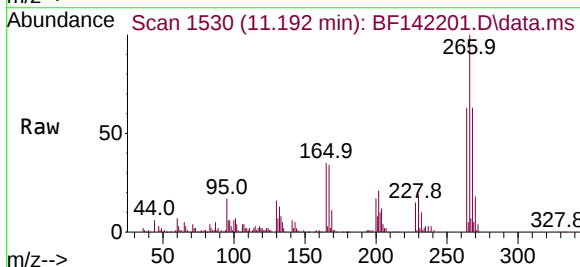
Tgt Ion:266 Resp: 155346

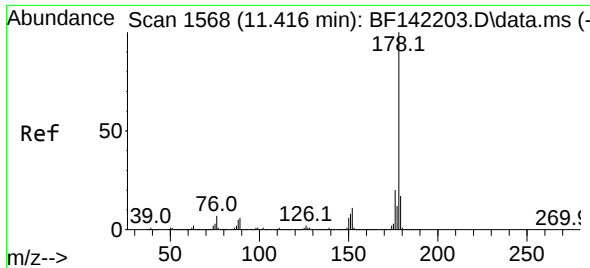
Ion Ratio Lower Upper

266 100

268 63.3 50.9 76.3

264 62.5 49.4 74.2

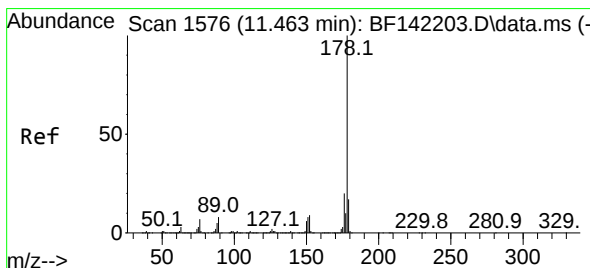
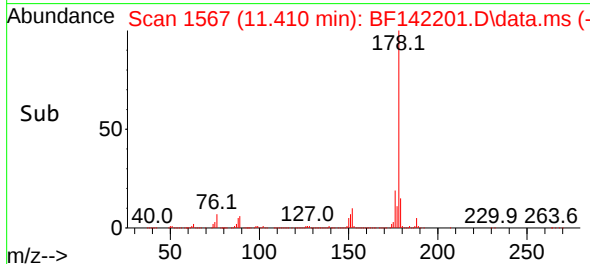
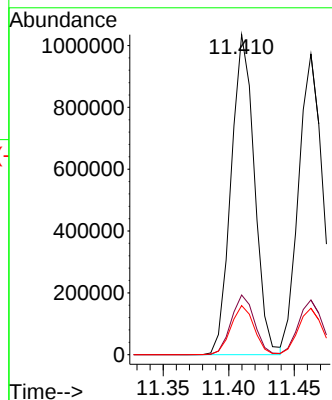
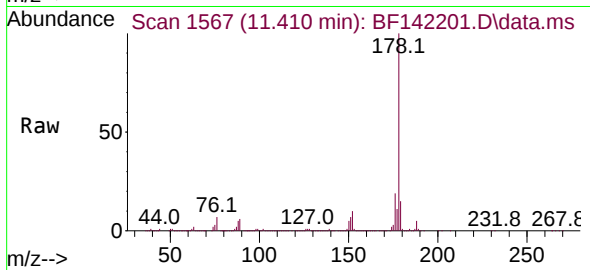




#71
Phenanthrene
Concen: 11.280 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

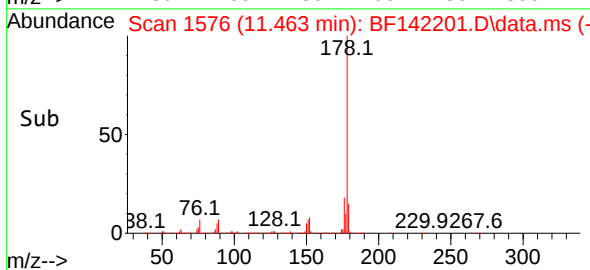
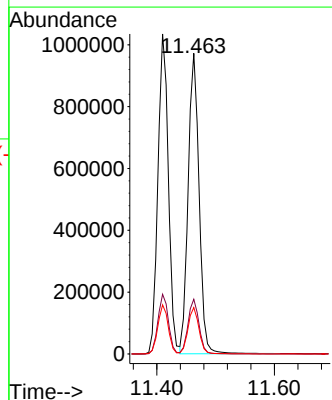
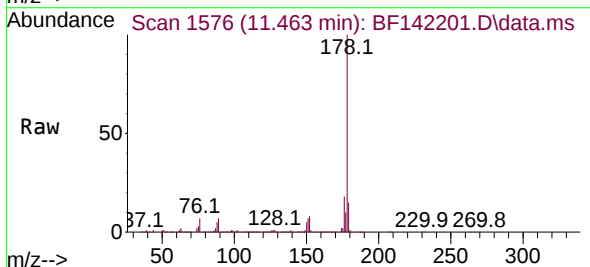
Instrument :
BNA_F
ClientSampleId :

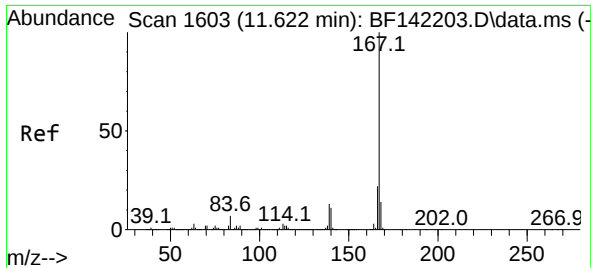
Tgt Ion:178 Resp: 1282504
Ion Ratio Lower Upper
178 100
176 18.7 16.3 24.5
179 15.3 13.3 19.9



#72
Anthracene
Concen: 11.100 ng
RT: 11.463 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

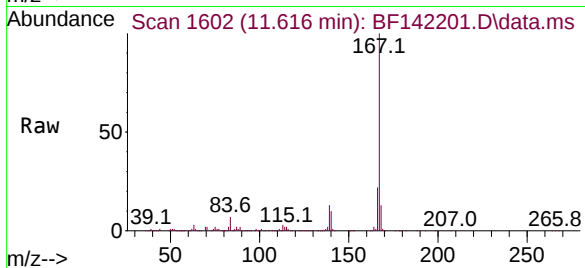
Tgt Ion:178 Resp: 1261830
Ion Ratio Lower Upper
178 100
176 18.2 15.6 23.4
179 15.5 13.4 20.0



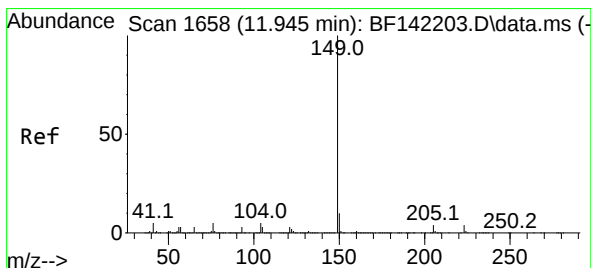
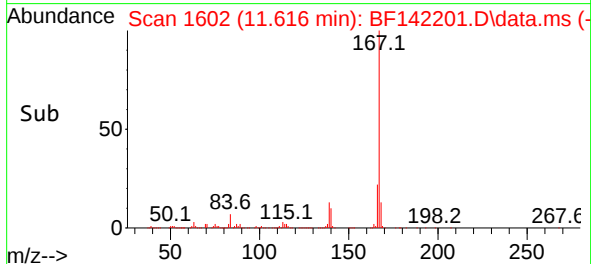
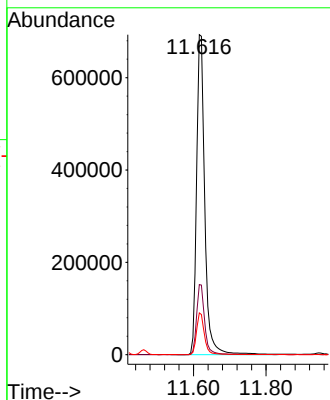


#73
Carbazole
Concen: 10.958 ng
RT: 11.616 min Scan# 1602
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Instrument :
BNA_F
ClientSampleId :

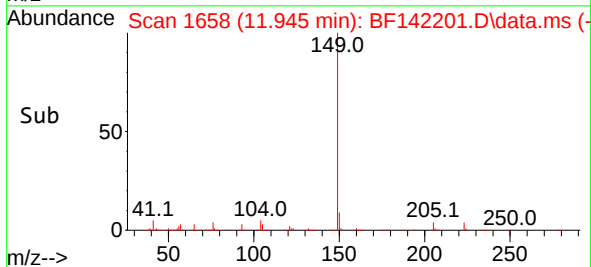
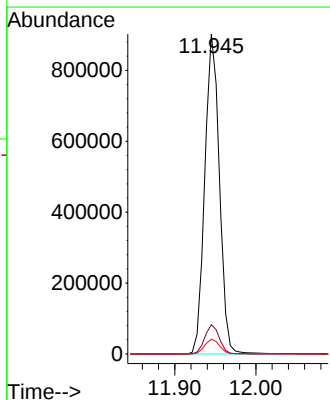
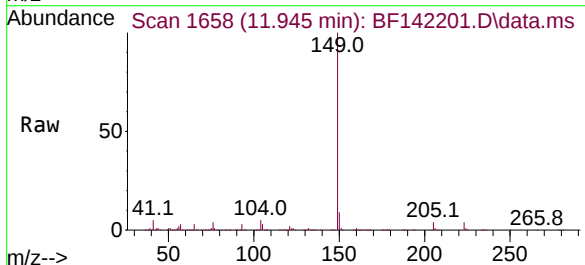


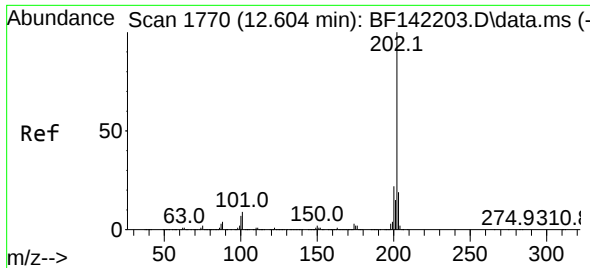
Tgt Ion:167 Resp: 1088325
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.2
139 13.1 10.7 16.1



#74
Di-n-butylphthalate
Concen: 10.927 ng
RT: 11.945 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:149 Resp: 1123250
Ion Ratio Lower Upper
149 100
150 9.1 7.9 11.9
104 4.6 4.0 6.0

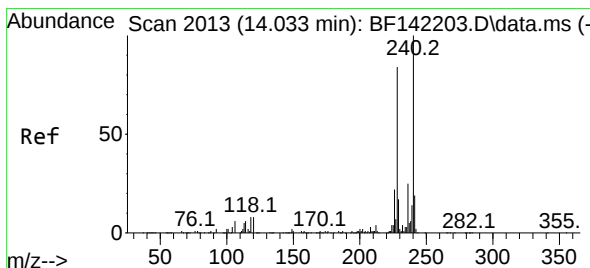
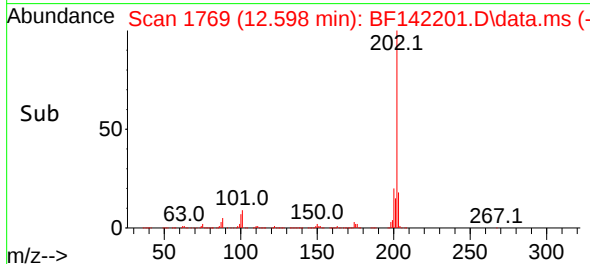
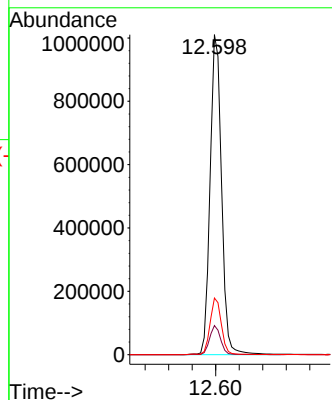
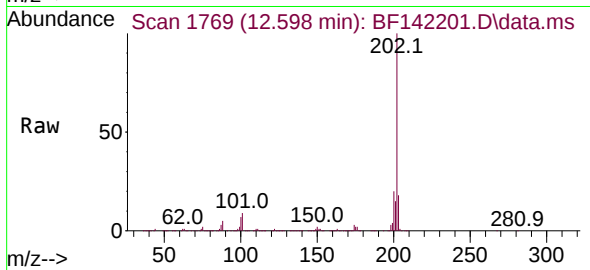




#75
Fluoranthene
Concen: 11.531 ng
RT: 12.598 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

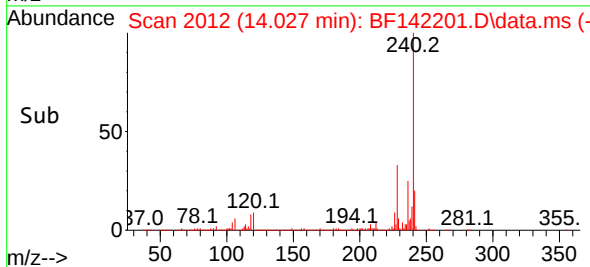
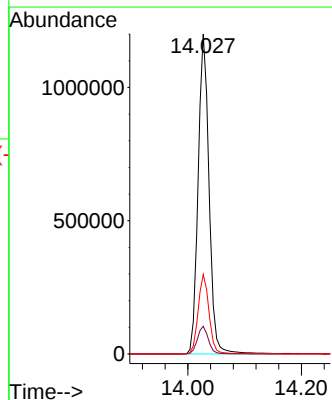
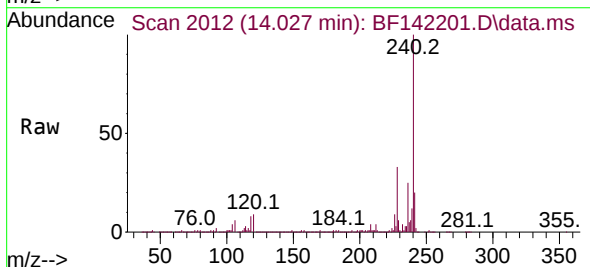
Instrument :
BNA_F
ClientSampleId :

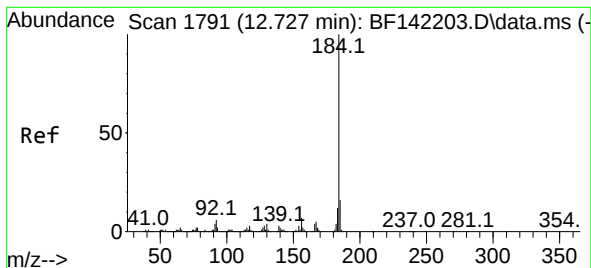
Tgt Ion:202 Resp: 1362799
Ion Ratio Lower Upper
202 100
101 9.1 0.0 28.9
203 17.7 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:240 Resp: 1611623
Ion Ratio Lower Upper
240 100
120 8.6 7.1 10.7
236 24.9 20.2 30.2





#77

Benzidine

Concen: 7.604 ng

RT: 12.733 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

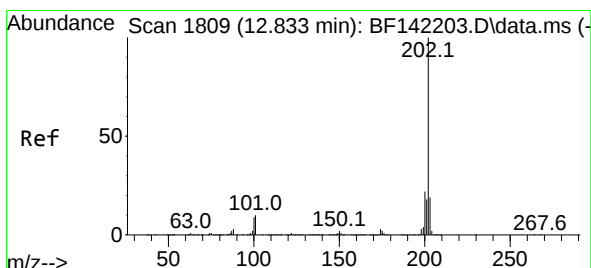
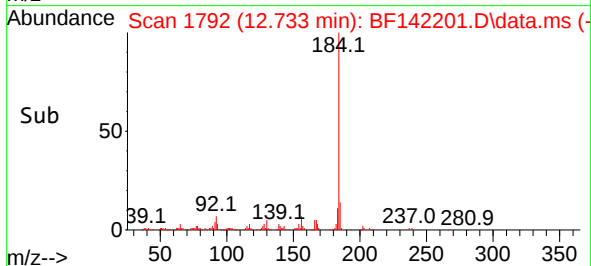
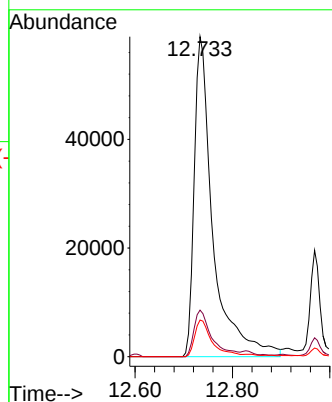
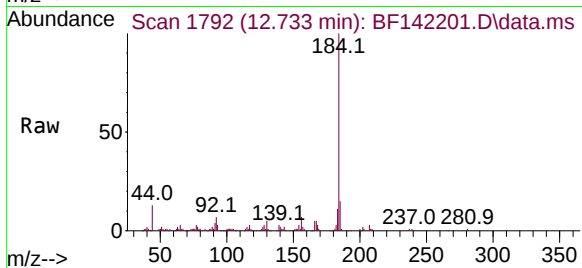
Tgt Ion:184 Resp: 158137

Ion Ratio Lower Upper

184 100

185 14.6 13.0 19.6

183 11.5 9.6 14.4



#78

Pyrene

Concen: 10.866 ng

RT: 12.827 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

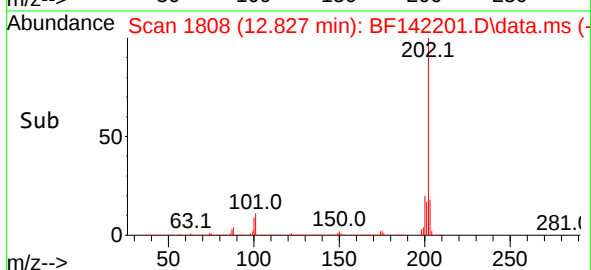
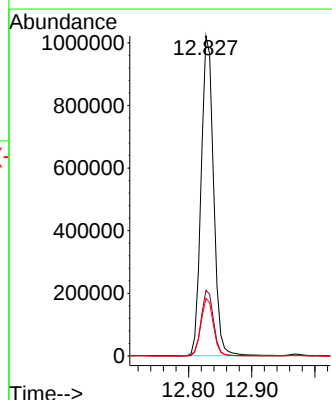
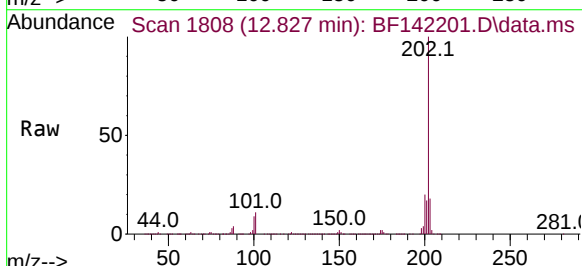
Tgt Ion:202 Resp: 1390858

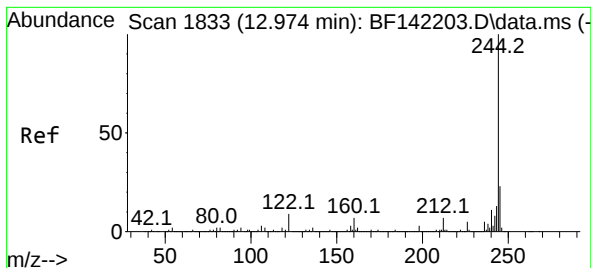
Ion Ratio Lower Upper

202 100

200 20.5 17.6 26.4

203 18.0 14.8 22.2





#79

Terphenyl-d14

Concen: 22.298 ng

RT: 12.968 min Scan# 1832

Delta R.T. -0.006 min

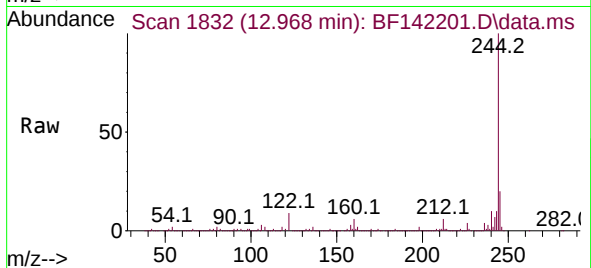
Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :



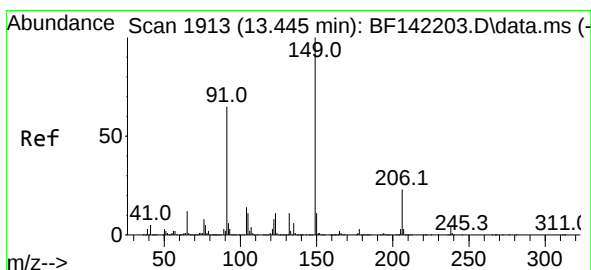
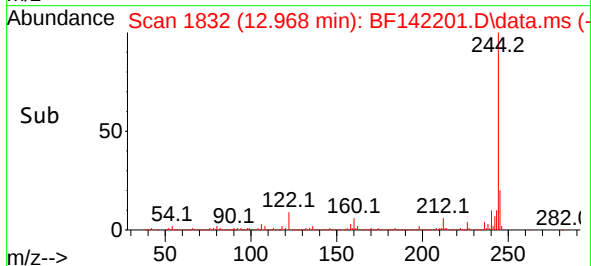
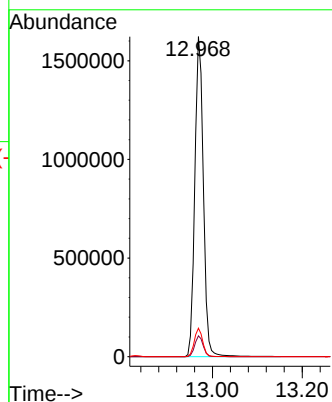
Tgt Ion:244 Resp: 2145035

Ion Ratio Lower Upper

244 100

212 6.5 5.9 8.9

122 8.9 7.3 10.9



#80

Butylbenzylphthalate

Concen: 8.014 ng

RT: 13.445 min Scan# 1913

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

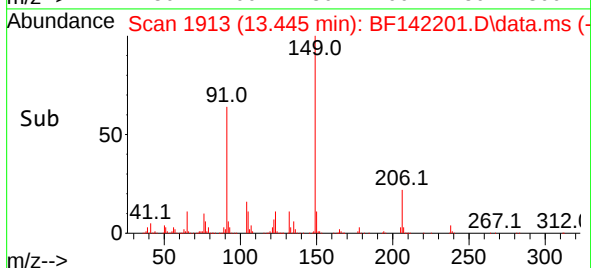
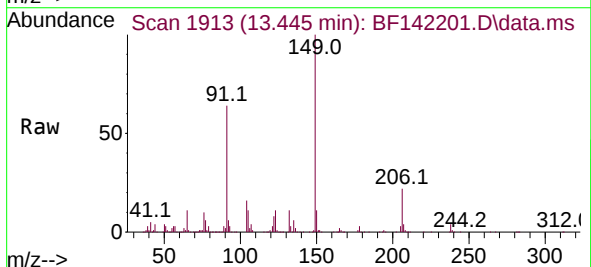
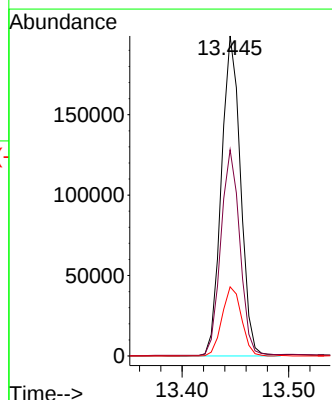
Tgt Ion:149 Resp: 248272

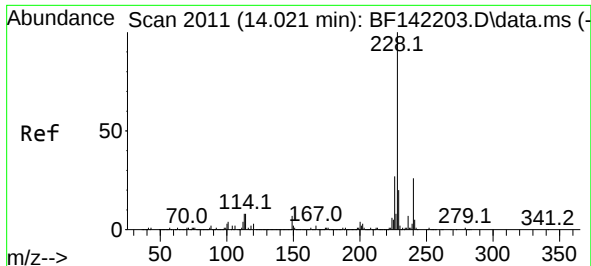
Ion Ratio Lower Upper

149 100

91 64.5 51.8 77.8

206 21.6 18.2 27.4

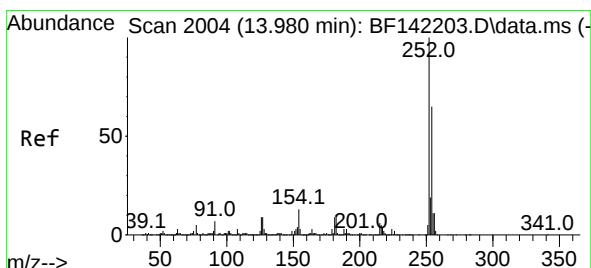
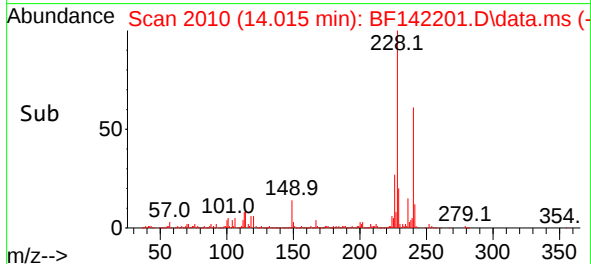
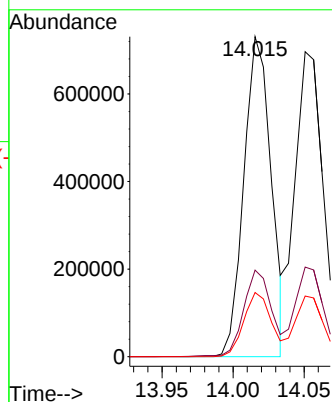
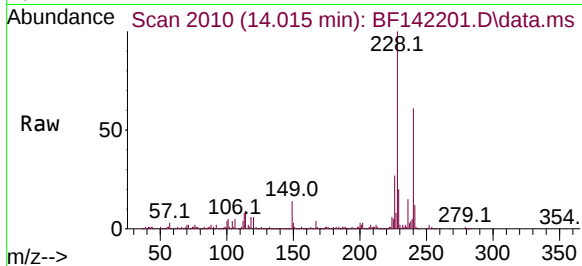




#81
Benzo(a)anthracene
Concen: 9.995 ng
RT: 14.015 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

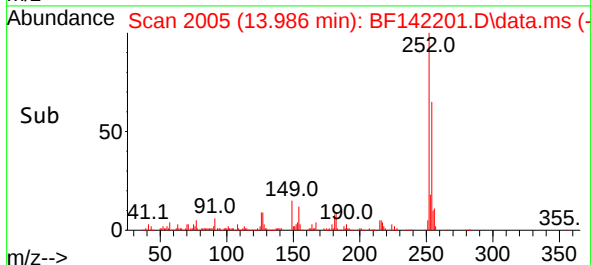
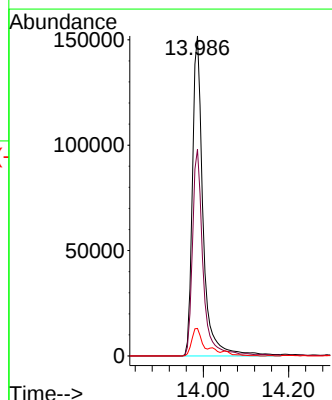
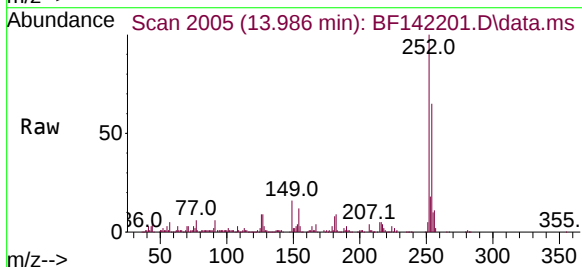
Instrument :
BNA_F
ClientSampleId :

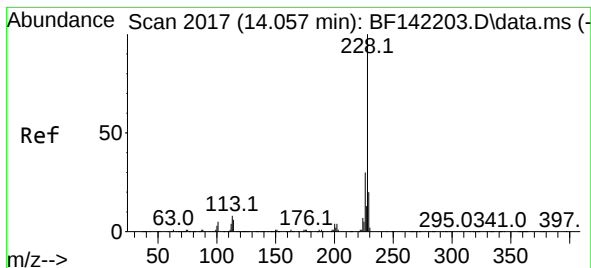
Tgt Ion:228 Resp: 975671
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 9.110 ng
RT: 13.986 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:252 Resp: 264819
Ion Ratio Lower Upper
252 100
254 64.6 51.9 77.9
126 8.6 7.4 11.0





#83

Chrysene

Concen: 10.559 ng

RT: 14.051 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

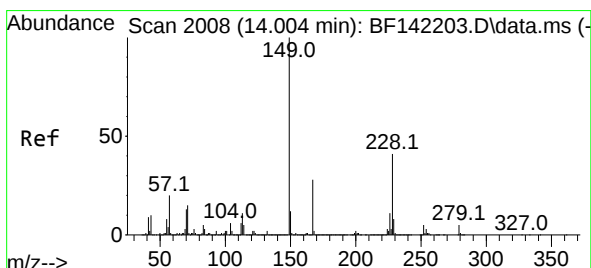
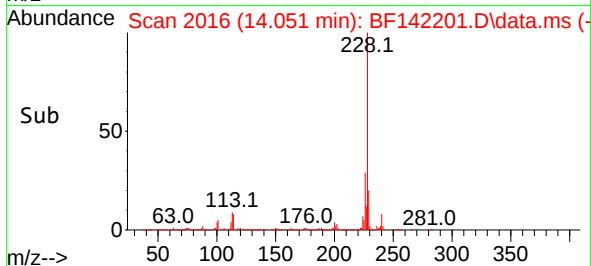
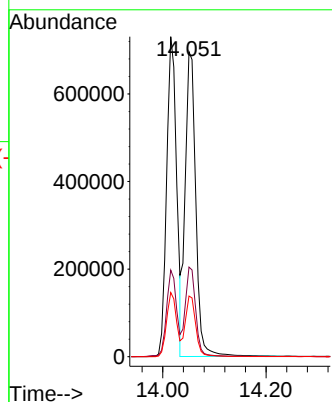
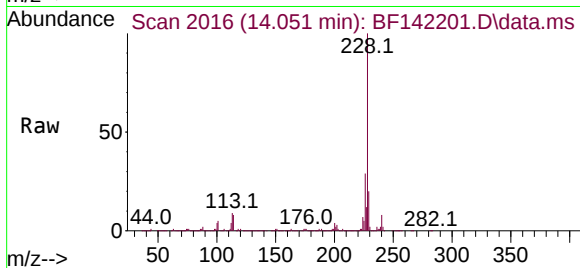
Tgt Ion:228 Resp: 993085

Ion Ratio Lower Upper

228 100

226 29.4 23.9 35.9

229 19.9 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.874 ng

RT: 14.004 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

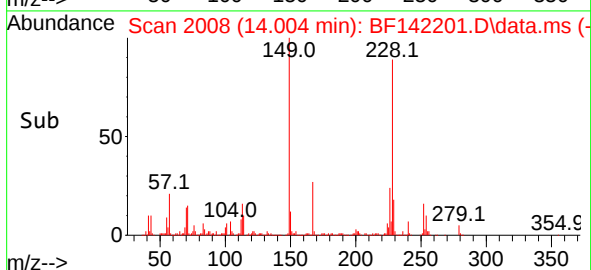
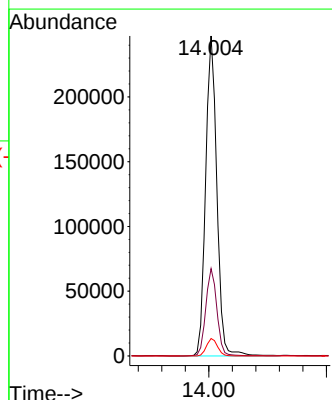
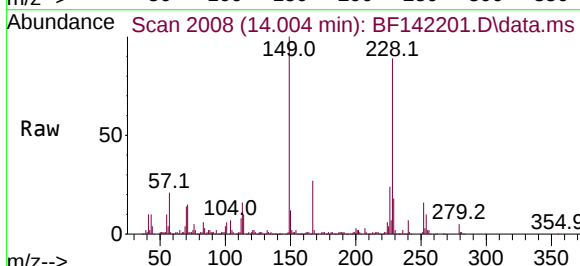
Tgt Ion:149 Resp: 326359

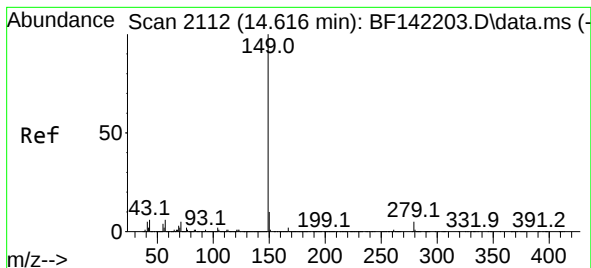
Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.4

279 5.5 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 7.044 ng

RT: 14.615 min Scan# 2112

Delta R.T. -0.001 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

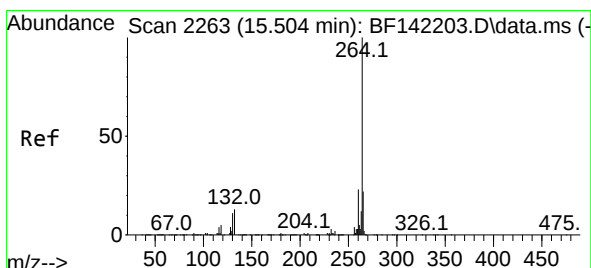
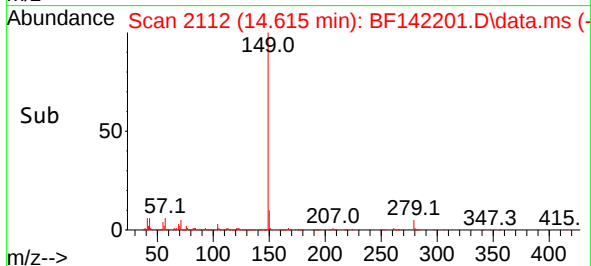
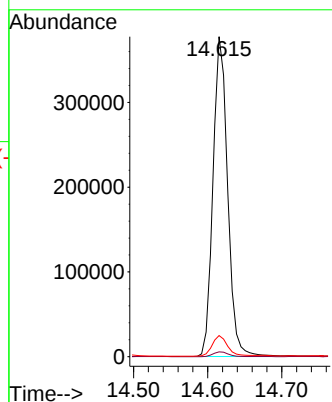
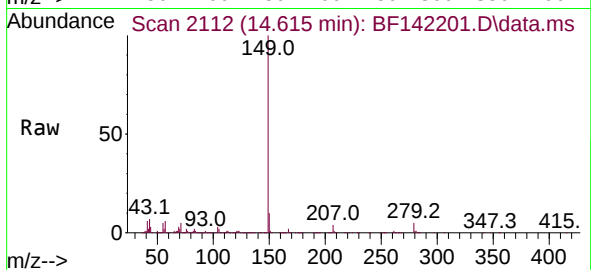
Tgt Ion:149 Resp: 517117

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 6.8 5.3 7.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

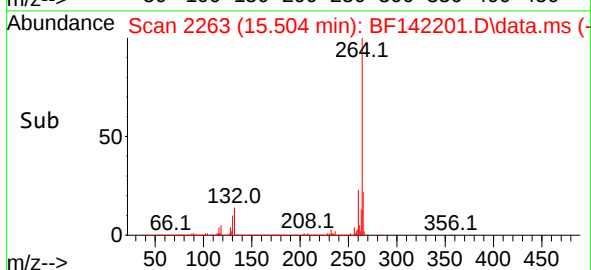
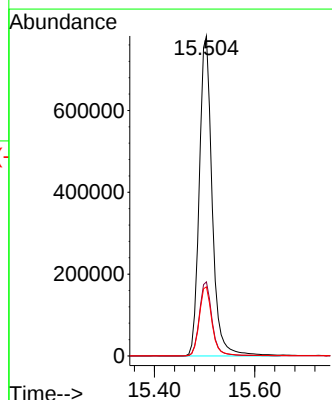
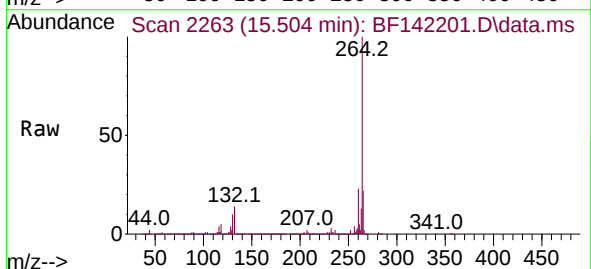
Tgt Ion:264 Resp: 1390370

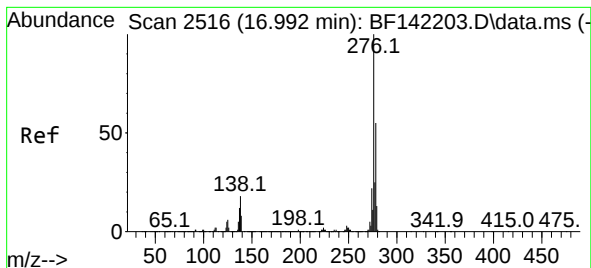
Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.6 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.578 ng

RT: 16.980 min Scan# 2189

Delta R.T. -0.012 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

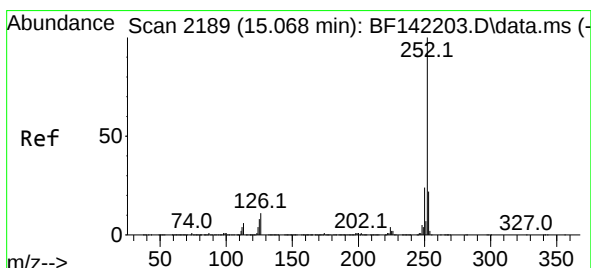
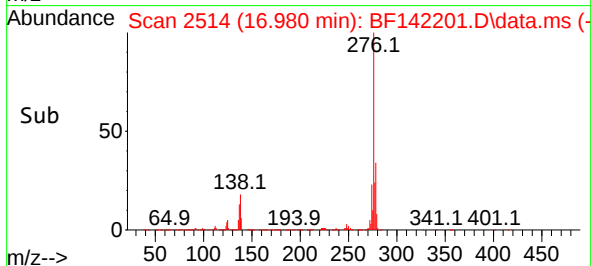
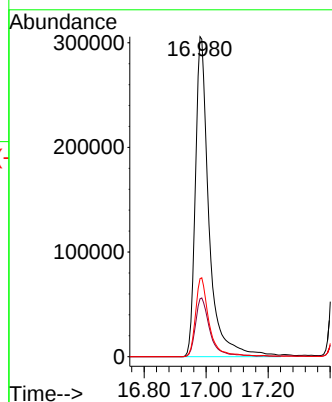
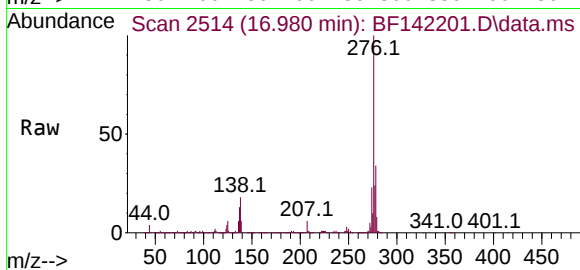
Tgt Ion:276 Resp: 934368

Ion Ratio Lower Upper

276 100

138 19.6 15.1 22.7

277 24.6 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 9.488 ng

RT: 15.068 min Scan# 2189

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

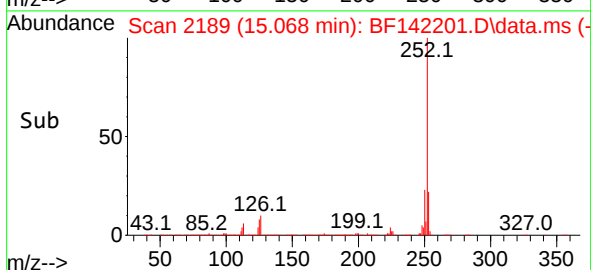
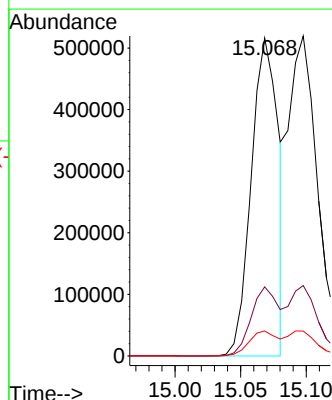
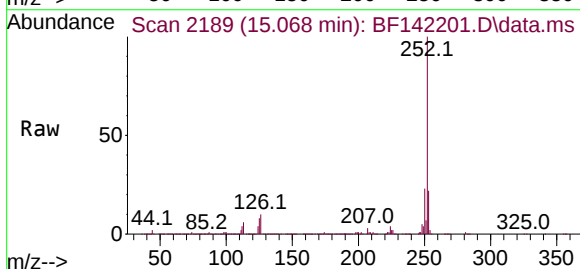
Tgt Ion:252 Resp: 740088

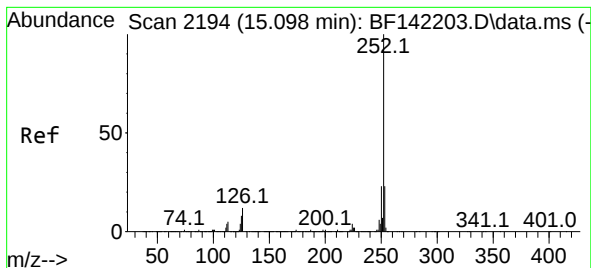
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 7.9 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 9.315 ng

RT: 15.098 min Scan# 2194

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

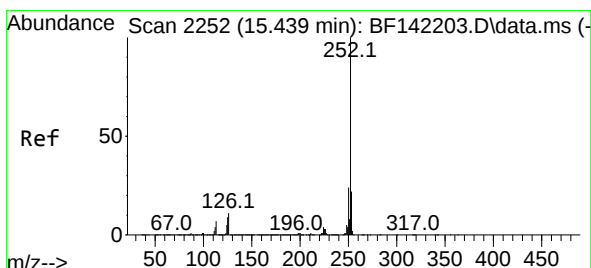
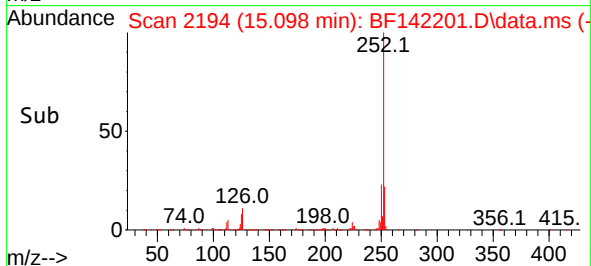
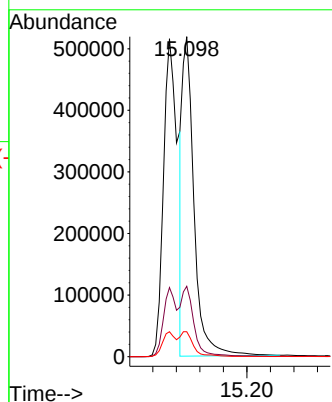
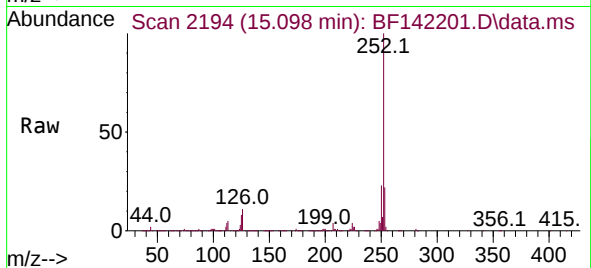
Tgt Ion:252 Resp: 718663

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

125 7.8 6.6 10.0



#90

Benzo(a)pyrene

Concen: 9.947 ng

RT: 15.439 min Scan# 2252

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

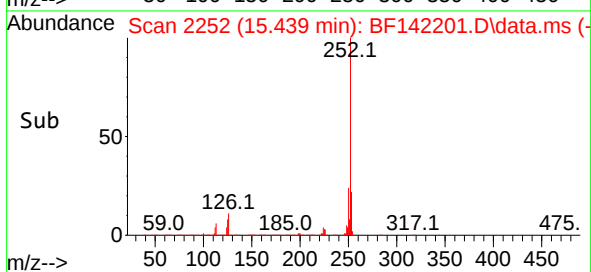
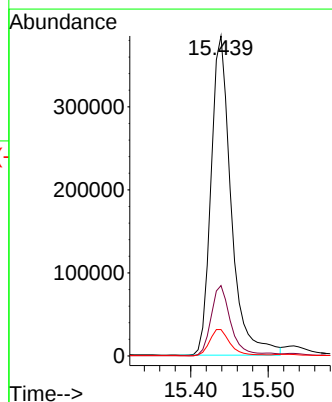
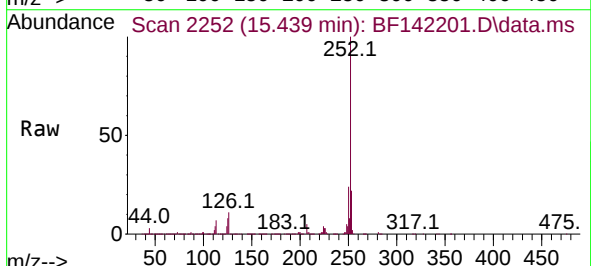
Tgt Ion:252 Resp: 694420

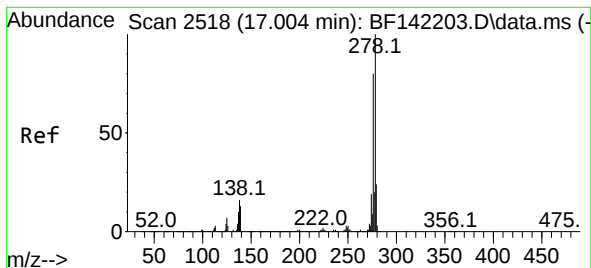
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 8.3 7.1 10.7





#91

Dibenzo(a,h)anthracene

Concen: 9.469 ng

RT: 16.998 min Scan# 2518

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

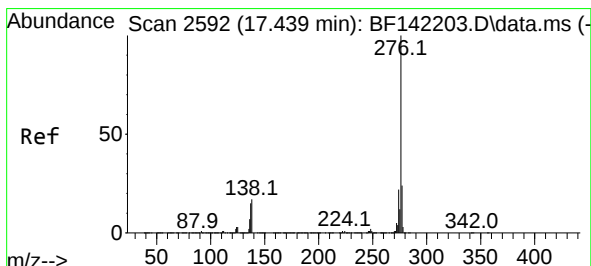
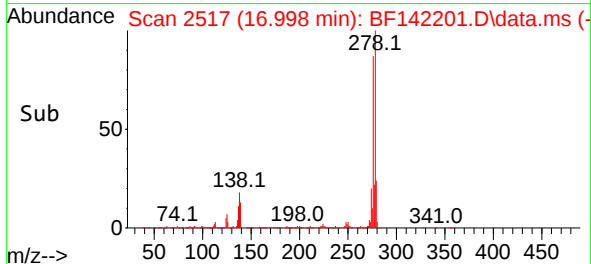
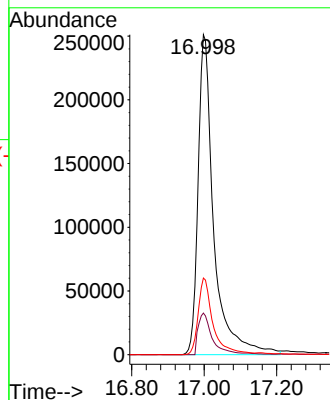
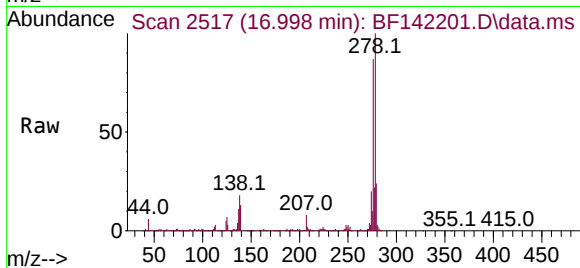
Tgt Ion:278 Resp: 753489

Ion Ratio Lower Upper

278 100

139 13.0 10.2 15.4

279 23.9 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 9.549 ng

RT: 17.433 min Scan# 2591

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Tgt Ion:276 Resp: 791476

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 15.9 13.4 20.2

