

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042325\
 Data File : BF142225.D
 Acq On : 23 Apr 2025 14:40
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042325

Quant Time: Apr 23 14:57:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 23 14:53:02 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	444828	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	1615219	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	922954	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	1603286	20.000	ng	0.00
76) Chrysene-d12	14.021	240	935096	20.000	ng	0.00
86) Perylene-d12	15.492	264	1083531	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2020597	77.414	ng	0.00
7) Phenol-d6	6.492	99	2479612	77.512	ng	0.00
23) Nitrobenzene-d5	7.422	82	2153219	79.426	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	1033722	79.901	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	4439191	77.396	ng	0.00
79) Terphenyl-d14	12.963	244	4703452	81.750	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	412129	39.289	ng	99
3) Pyridine	3.375	79	993678	39.587	ng	99
4) n-Nitrosodimethylamine	3.322	42	402548	39.811	ng	99
6) Aniline	6.522	93	1157093	40.178	ng	98
8) 2-Chlorophenol	6.645	128	1126108	39.439	ng	98
9) Benzaldehyde	6.410	77	694254	39.919	ng	99
10) Phenol	6.504	94	1303993	38.852	ng	99
11) bis(2-Chloroethyl)ether	6.598	93	930954	38.358	ng	98
12) 1,3-Dichlorobenzene	6.798	146	1227140	38.987	ng	99
13) 1,4-Dichlorobenzene	6.881	146	1241106	38.859	ng	99
14) 1,2-Dichlorobenzene	7.034	146	1161417	38.803	ng	100
15) Benzyl Alcohol	7.004	79	923113	39.539	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.134	45	921817	38.197	ng	99
17) 2-Methylphenol	7.116	107	840754	38.673	ng	99
18) Hexachloroethane	7.369	117	434440	38.980	ng	97
19) n-Nitroso-di-n-propyla...	7.269	70	673768	37.993	ng	98
20) 3+4-Methylphenols	7.263	107	1070484	39.159	ng	# 90
22) Acetophenone	7.269	105	1478021	39.555	ng	99
24) Nitrobenzene	7.445	77	1060910	39.614	ng	99
25) Isophorone	7.681	82	1756404	39.514	ng	100
26) 2-Nitrophenol	7.757	139	598257	40.678	ng	99
27) 2,4-Dimethylphenol	7.792	122	681575	39.879	ng	100
28) bis(2-Chloroethoxy)met...	7.886	93	1131372	39.460	ng	99
29) 2,4-Dichlorophenol	7.998	162	971094	40.332	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	1089574	40.107	ng	100
31) Naphthalene	8.163	128	3128552	39.408	ng	100
32) Benzoic acid	7.916	122	657314	42.451	ng	99
33) 4-Chloroaniline	8.210	127	1149163	41.103	ng	99
34) Hexachlorobutadiene	8.281	225	709883	39.641	ng	100
35) Caprolactam	8.581	113	282392	39.934	ng	99
36) 4-Chloro-3-methylphenol	8.692	107	1004780	40.143	ng	99
37) 2-Methylnaphthalene	8.851	142	2125382	39.896	ng	100
38) 1-Methylnaphthalene	8.951	142	2058182	39.654	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	1153115	39.184	ng	99
41) Hexachlorocyclopentadiene	9.004	237	335772	38.370	ng	97
43) 2,4,6-Trichlorophenol	9.133	196	706739	39.697	ng	99

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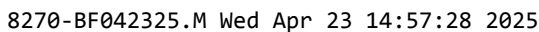
Instrument :
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 ClientSampleId :
 ICVBF042325

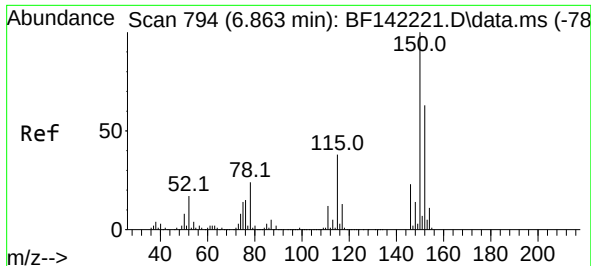
Quant Time: Apr 23 14:57:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 23 14:53:02 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	776346	40.667	ng	99
46) 1,1'-Biphenyl	9.316	154	2653403	39.042	ng	100
47) 2-Chloronaphthalene	9.345	162	2027548	38.906	ng	100
48) 2-Nitroaniline	9.439	65	539654	40.011	ng	99
49) Acenaphthylene	9.757	152	2968908	39.277	ng	99
50) Dimethylphthalate	9.616	163	2428093	39.175	ng	100
51) 2,6-Dinitrotoluene	9.680	165	552525	40.033	ng	100
52) Acenaphthene	9.928	154	2144567	39.694	ng	100
53) 3-Nitroaniline	9.851	138	533561	39.499	ng	98
54) 2,4-Dinitrophenol	9.957	184	309204	41.360	ng	99
55) Dibenzofuran	10.104	168	2966422	38.948	ng	99
56) 4-Nitrophenol	10.016	139	408535	41.515	ng	99
57) 2,4-Dinitrotoluene	10.086	165	740097	40.019	ng	99
58) Fluorene	10.445	166	2301713	38.544	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	703057	40.591	ng	99
60) Diethylphthalate	10.316	149	2320938	39.155	ng	100
61) 4-Chlorophenyl-phenyle...	10.433	204	1231962	38.967	ng	97
62) 4-Nitroaniline	10.463	138	531933	39.808	ng	100
63) Azobenzene	10.598	77	2014525	39.183	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	436426	40.809	ng	99
66) n-Nitrosodiphenylamine	10.557	169	1948047	39.545	ng	100
67) 4-Bromophenyl-phenylether	10.927	248	808420	40.173	ng	100
68) Hexachlorobenzene	10.992	284	960950	40.223	ng	100
69) Atrazine	11.080	200	473873	33.914	ng	100
70) Pentachlorophenol	11.186	266	548101	42.077	ng	99
71) Phenanthrene	11.410	178	3253286	39.272	ng	100
72) Anthracene	11.457	178	3264796	39.408	ng	100
73) Carbazole	11.616	167	2802295	38.956	ng	100
74) Di-n-butylphthalate	11.939	149	3214530	39.325	ng	100
75) Fluoranthene	12.592	202	3283935	38.044	ng	100
77) Benzidine	12.721	184	597724	42.821	ng	99
78) Pyrene	12.821	202	3196263	40.944	ng	100
80) Butylbenzylphthalate	13.439	149	918678	40.646	ng	99
81) Benzo(a)anthracene	14.010	228	2303780	38.927	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	698720	38.740	ng	99
83) Chrysene	14.045	228	2206815	40.389	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	1125323	41.700	ng	100
85) Di-n-octyl phthalate	14.610	149	1932267	41.719	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	3057512	39.392	ng	99
88) Benzo(b)fluoranthene	15.062	252	2463756	39.285	ng	100
89) Benzo(k)fluoranthene	15.092	252	2257443	38.757	ng	99
90) Benzo(a)pyrene	15.427	252	2188865	39.548	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	2515981	39.582	ng	99
92) Benzo(g,h,i)perylene	17.421	276	2550177	38.663	ng	100

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

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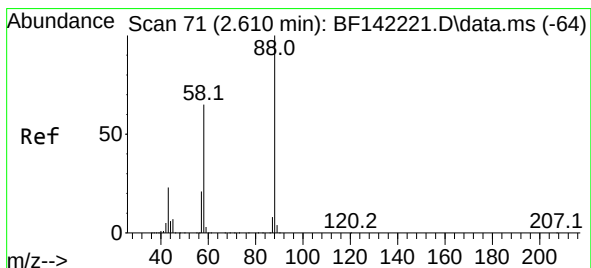
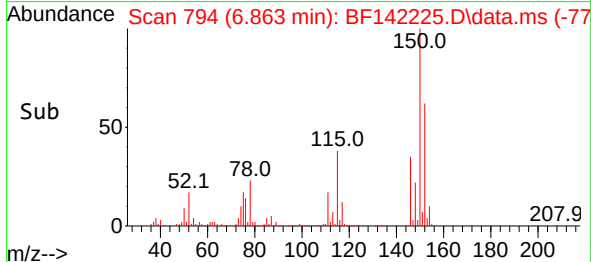
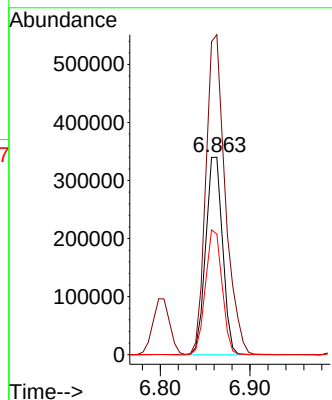
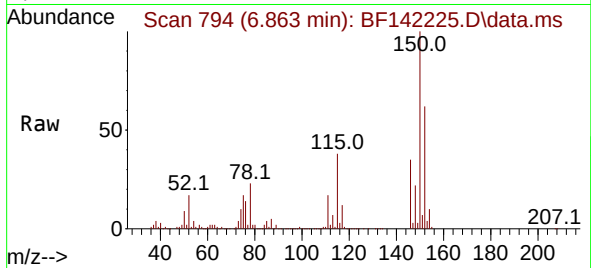




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 794
 Delta R.T. 0.000 min
 Lab File: BF142225.D
 Acq: 23 Apr 2025 14:40

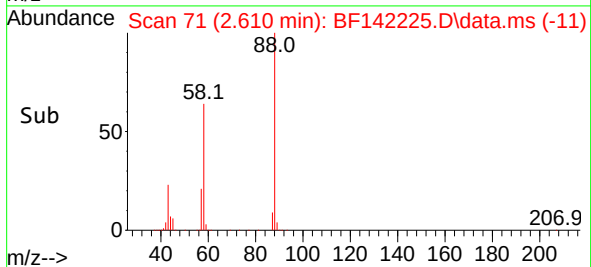
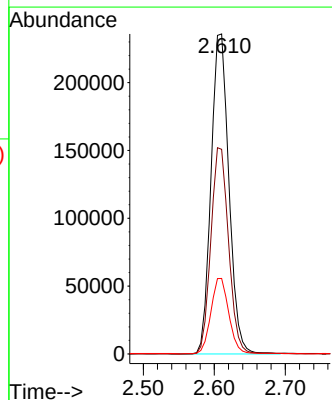
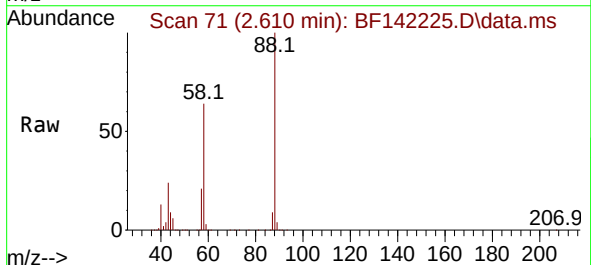
Instrument :
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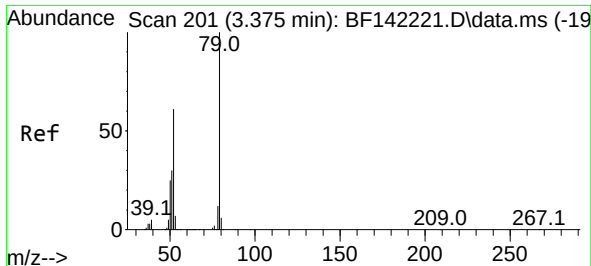
Tgt Ion:152 Resp: 444828
 Ion Ratio Lower Upper
 152 100
 150 162.0 127.8 191.6
 115 61.1 48.5 72.7



#2
 1,4-Dioxane
 Concen: 39.289 ng
 RT: 2.610 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF142225.D
 Acq: 23 Apr 2025 14:40

Tgt Ion: 88 Resp: 412129
 Ion Ratio Lower Upper
 88 100
 58 64.0 52.4 78.6
 43 23.8 19.0 28.6

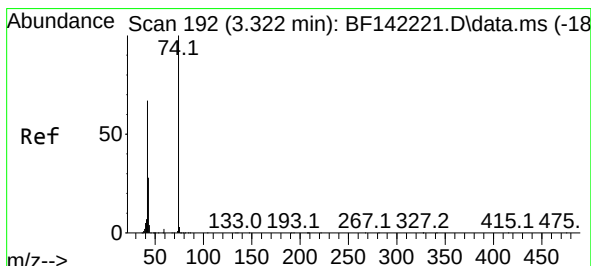
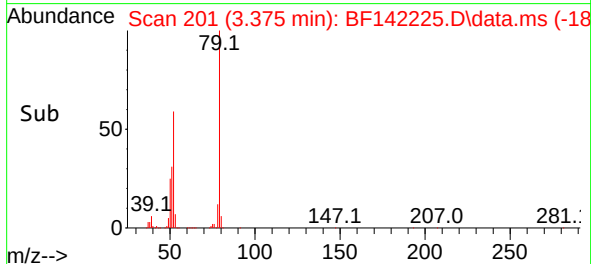
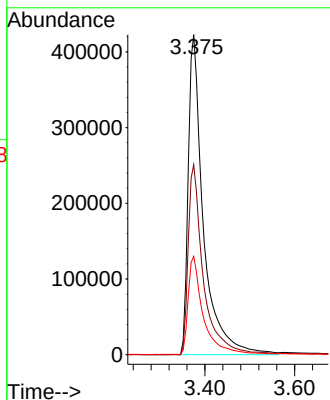
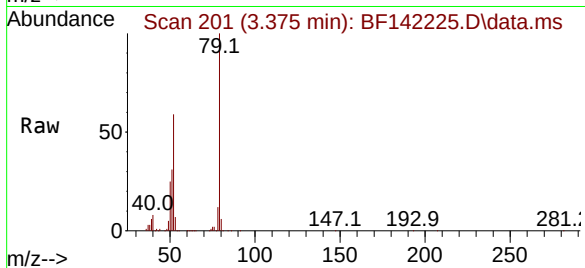




#3
Pyridine
Concen: 39.587 ng
RT: 3.375 min Scan# 201
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

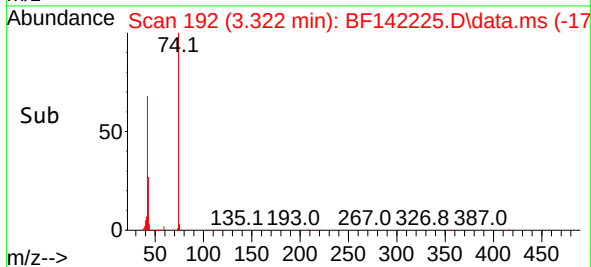
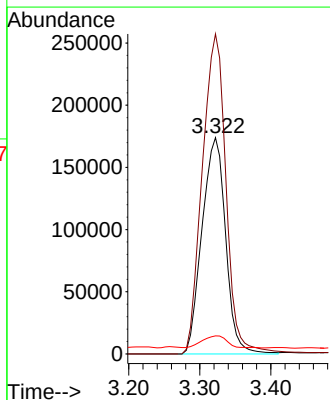
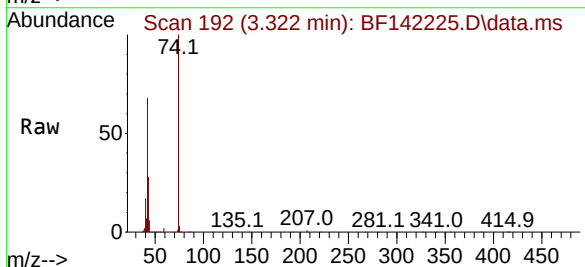
Instrument :
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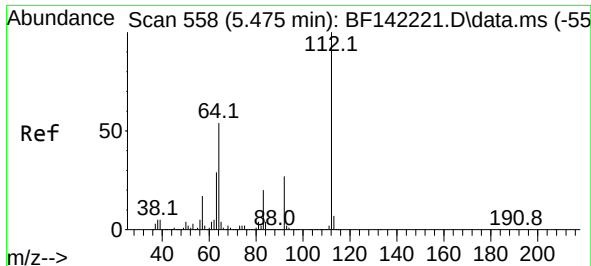
Tgt Ion: 79 Resp: 993678
Ion Ratio Lower Upper
79 100
52 59.3 48.6 72.8
51 30.8 24.3 36.5



#4
n-Nitrosodimethylamine
Concen: 39.811 ng
RT: 3.322 min Scan# 192
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion: 42 Resp: 402548
Ion Ratio Lower Upper
42 100
74 148.0 119.1 178.7
44 8.4 7.0 10.4

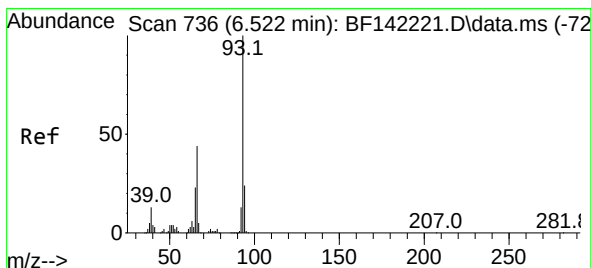
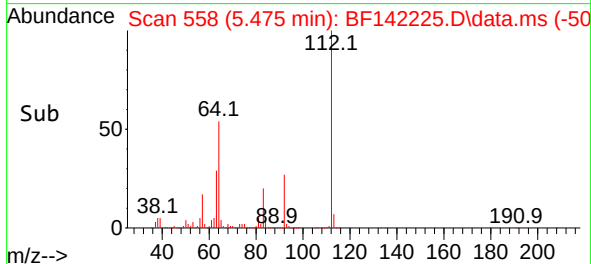
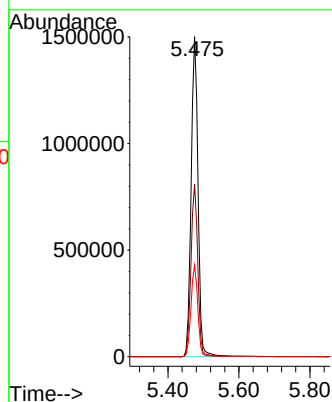
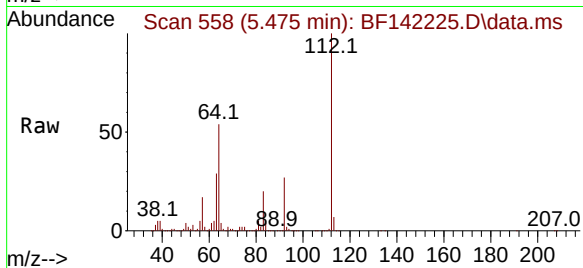




#5
2-Fluorophenol
Concen: 77.414 ng
RT: 5.475 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

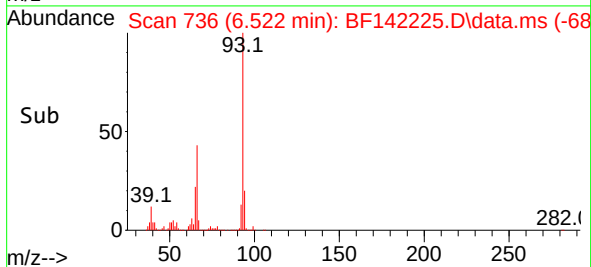
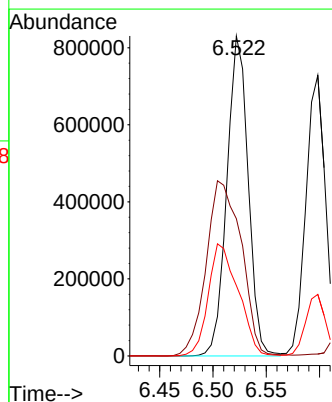
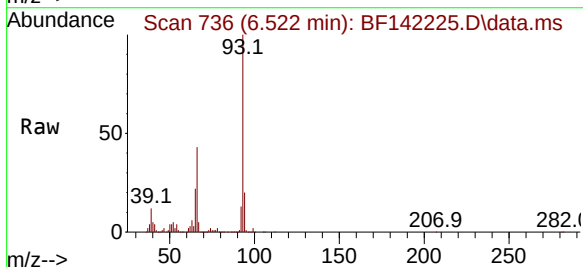
Instrument :
BNA_F
ClientSampleId :
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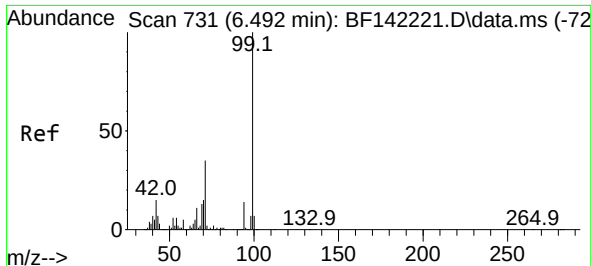
Tgt Ion:112 Resp: 2020597
Ion Ratio Lower Upper
112 100
64 53.8 43.1 64.7
63 28.6 23.1 34.7



#6
Aniline
Concen: 40.178 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion: 93 Resp: 1157093
Ion Ratio Lower Upper
93 100
66 42.9 35.5 53.3
65 22.0 18.5 27.7





#7

Phenol-d6

Concen: 77.512 ng

RT: 6.492 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

Instrument :

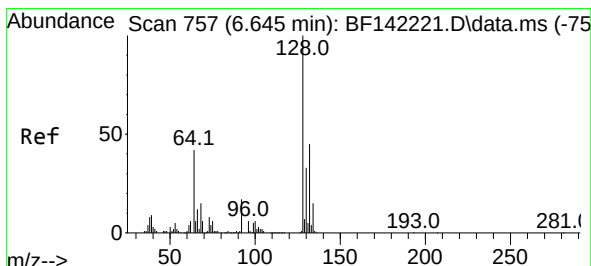
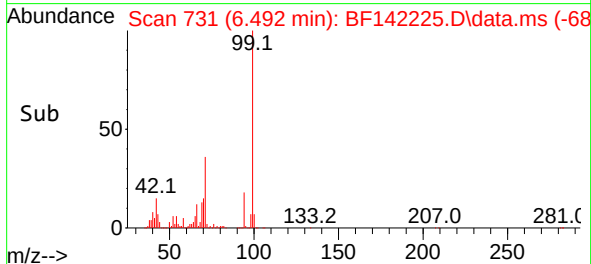
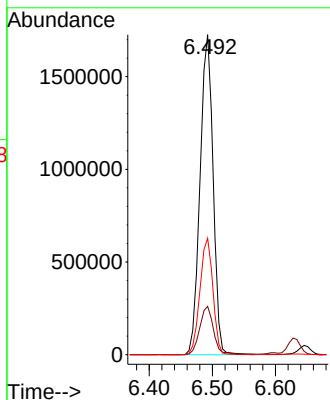
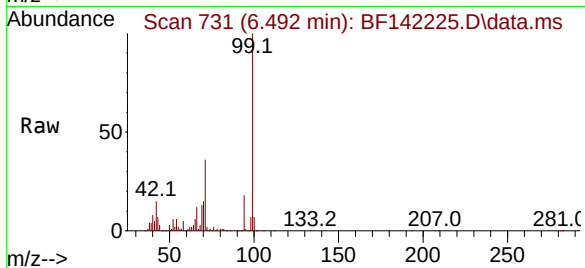
BNA_F

ClientSampleId :

ICVBF042325

Tgt Ion: 99 Resp: 2479612

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.0	18.0
71	36.4	28.3	42.5



#8

2-Chlorophenol

Concen: 39.439 ng

RT: 6.645 min Scan# 757

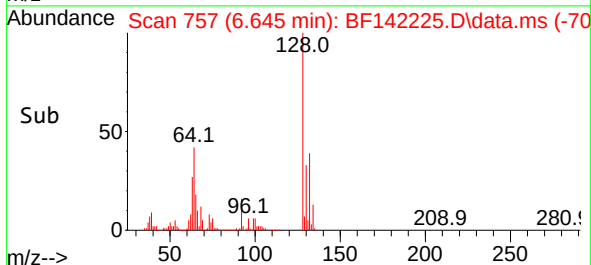
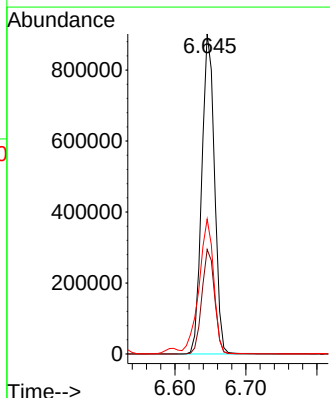
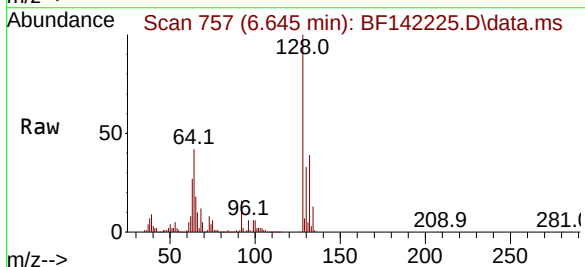
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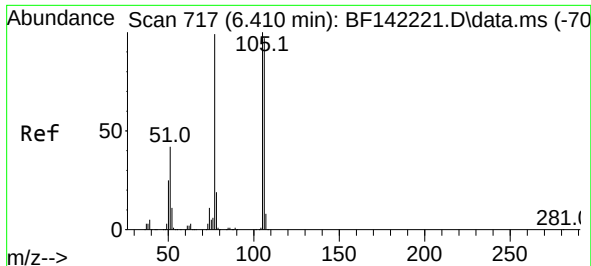
Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

Tgt Ion:128 Resp: 1126108

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.4	53.4
64	42.1	23.4	63.4

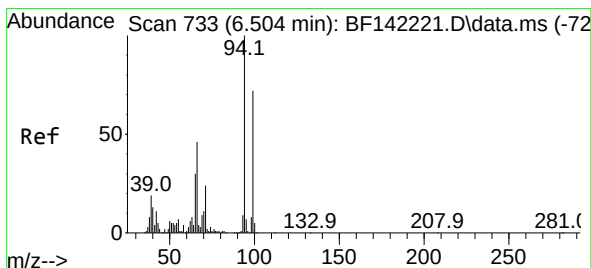
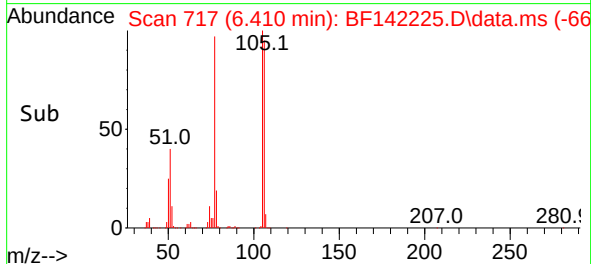
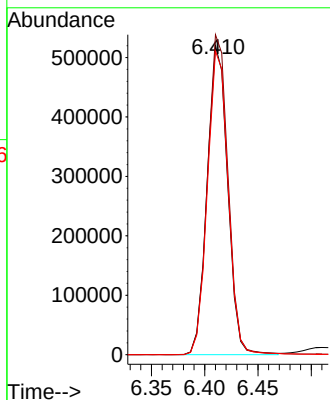
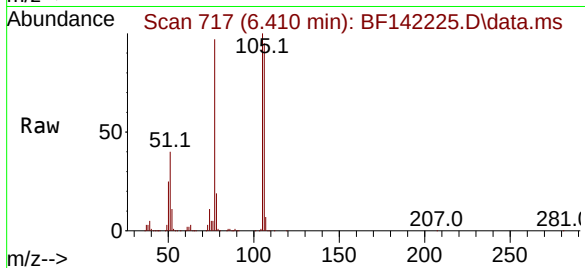




#9
Benzaldehyde
Concen: 39.919 ng
RT: 6.410 min Scan# 717
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

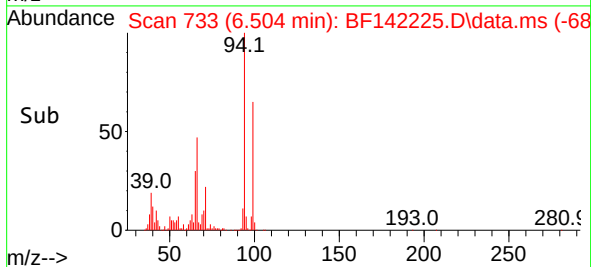
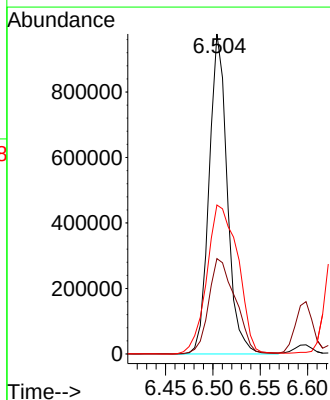
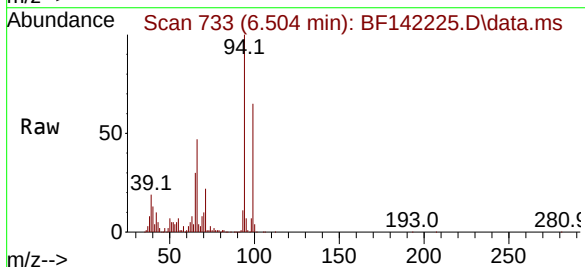
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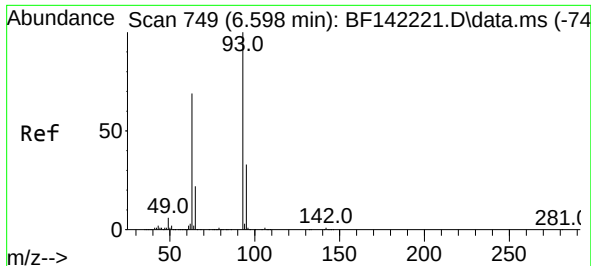
Tgt Ion: 77 Resp: 694254
Ion Ratio Lower Upper
77 100
105 103.6 81.3 121.3
106 98.2 78.4 118.4



#10
Phenol
Concen: 38.852 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion: 94 Resp: 1303993
Ion Ratio Lower Upper
94 100
65 29.8 10.2 50.2
66 46.5 25.9 65.9

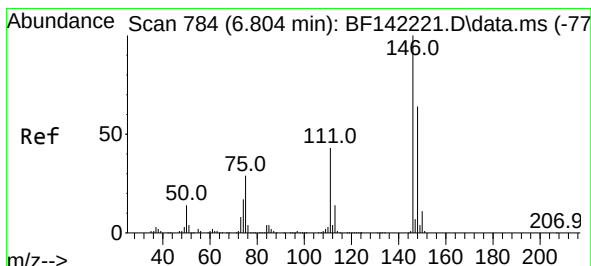
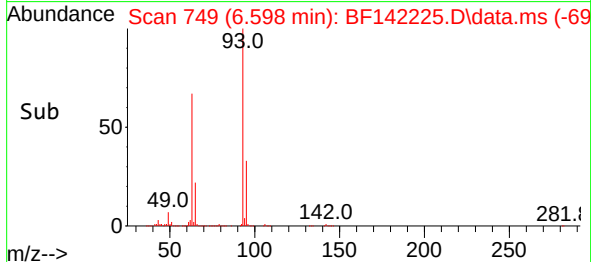
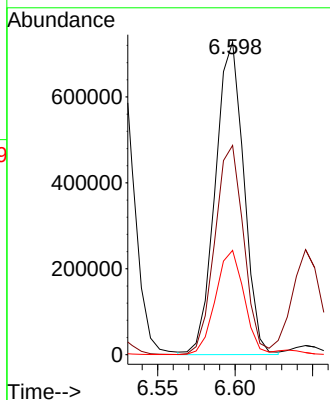
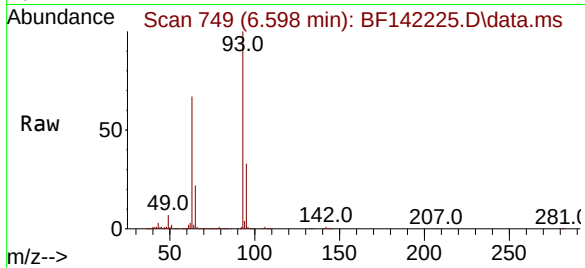




#11
bis(2-Chloroethyl)ether
Concen: 38.358 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

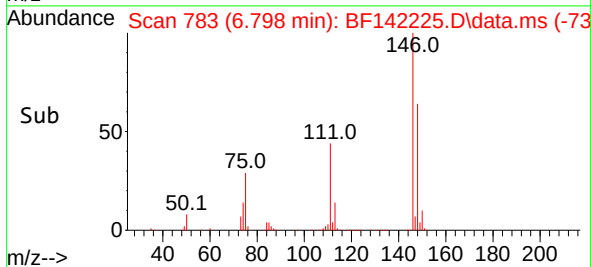
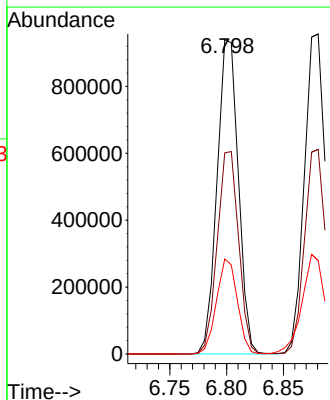
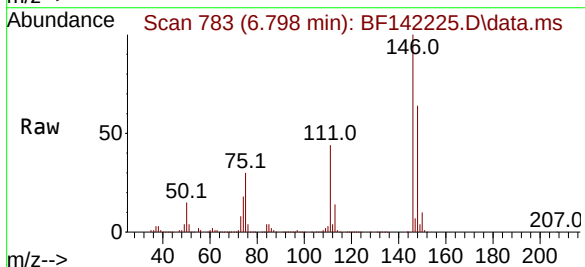
Instrument :
BNA_F
ClientSampleId :
ICVBF042325

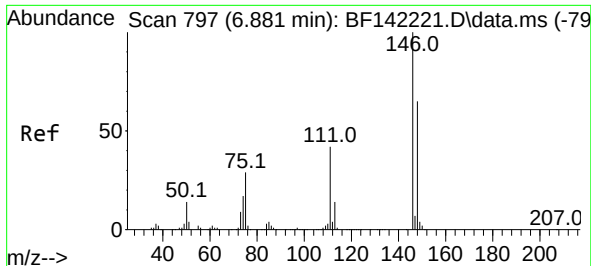
Tgt Ion: 93 Resp: 930954
Ion Ratio Lower Upper
93 100
63 66.9 48.2 88.2
95 33.3 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 38.987 ng
RT: 6.798 min Scan# 783
Delta R.T. -0.006 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion: 146 Resp: 1227140
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 30.3 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 38.859 ng

RT: 6.881 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

Instrument :

BNA_F

ClientSampleId :

ICVBF042325

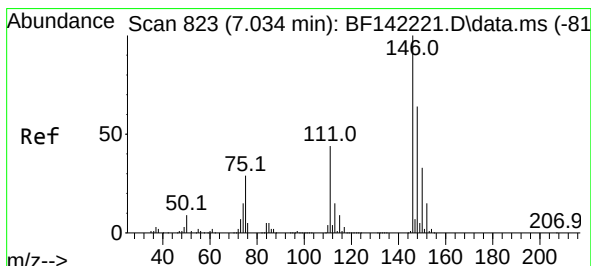
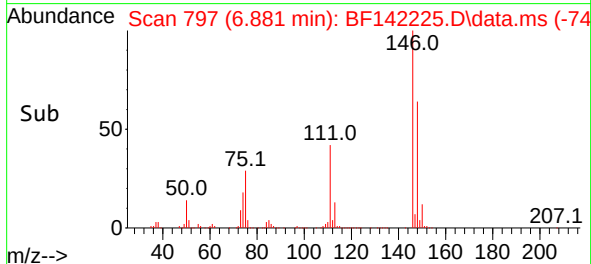
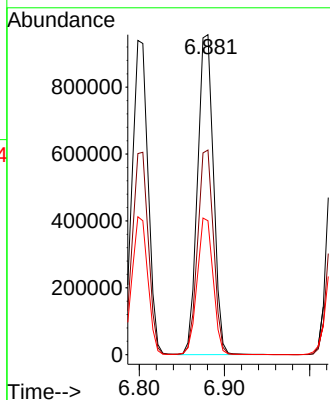
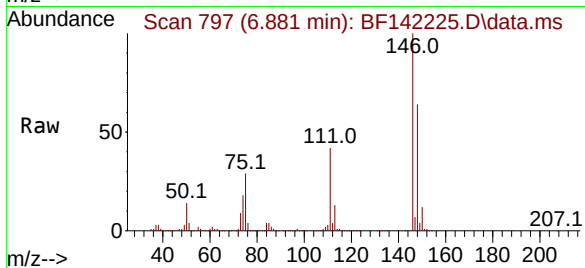
Tgt Ion:146 Resp: 1241106

Ion Ratio Lower Upper

146 100

148 64.0 52.0 78.0

111 41.8 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 38.803 ng

RT: 7.034 min Scan# 823

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

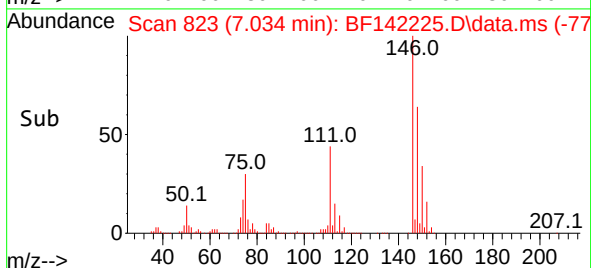
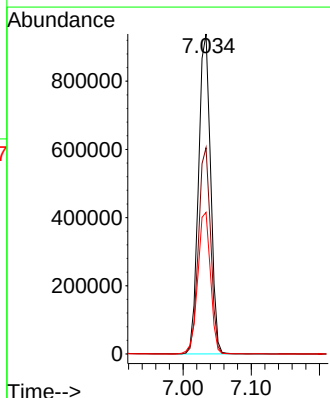
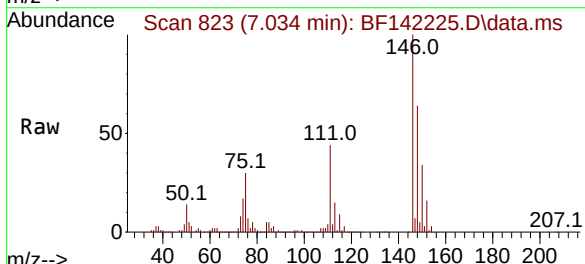
Tgt Ion:146 Resp: 1161417

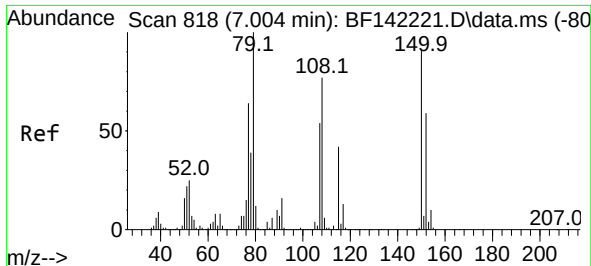
Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.0

111 44.3 35.4 53.0

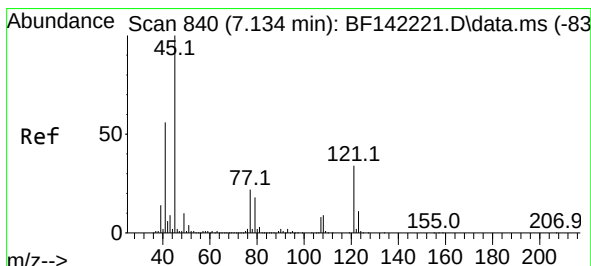
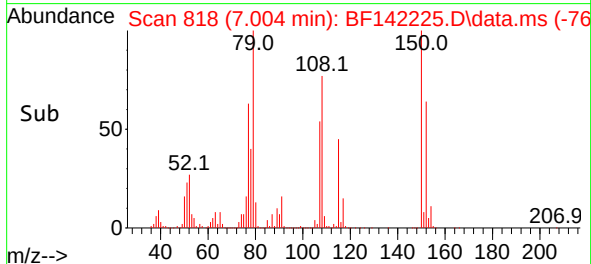
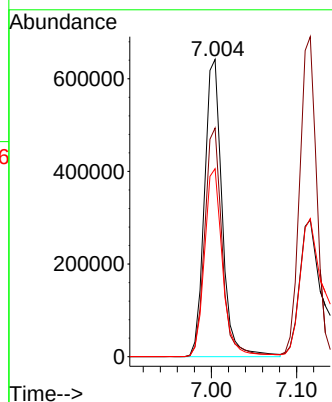
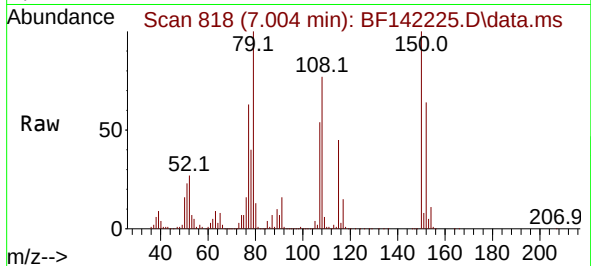




#15
Benzyl Alcohol
Concen: 39.539 ng
RT: 7.004 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

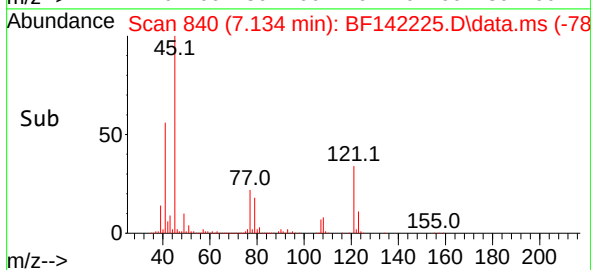
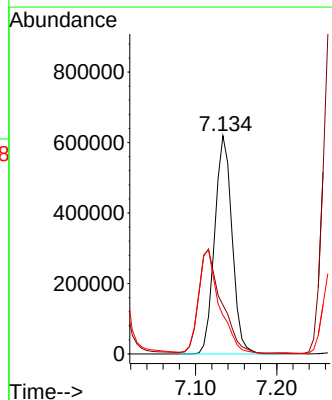
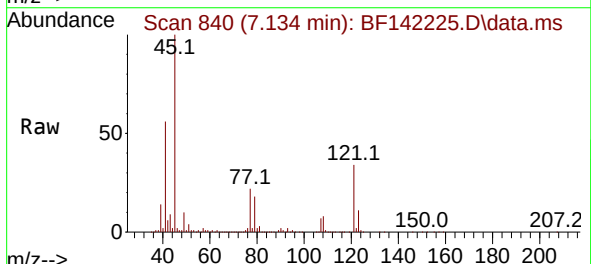
Instrument :
BNA_F
ClientSampleId :
ICVBF042325

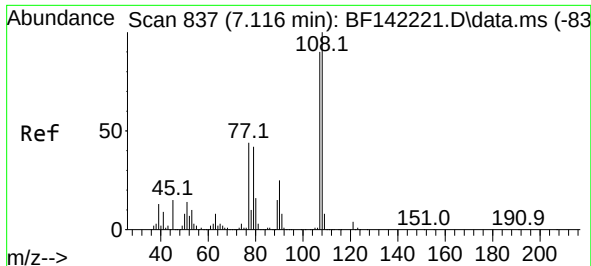
Tgt Ion: 79 Resp: 923113
Ion Ratio Lower Upper
79 100
108 76.9 61.4 92.2
77 63.3 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.197 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion: 45 Resp: 921817
Ion Ratio Lower Upper
45 100
77 22.4 3.0 43.0
79 17.7 0.0 38.4

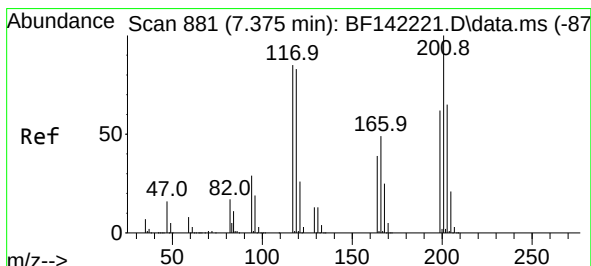
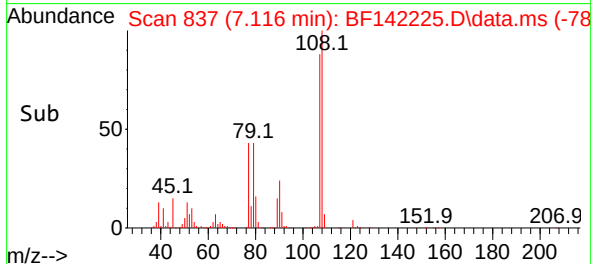
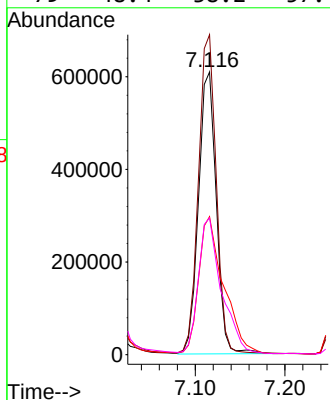
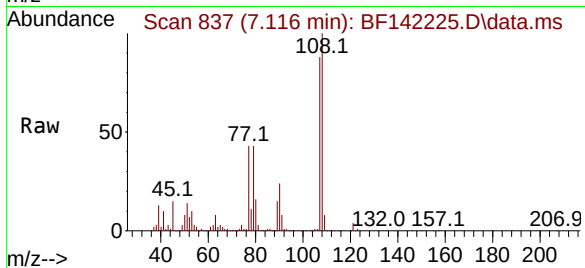




#17
2-Methylphenol
Concen: 38.673 ng
RT: 7.116 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

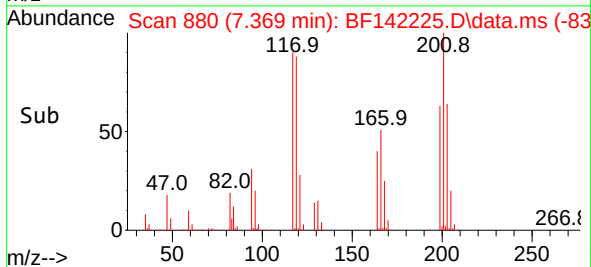
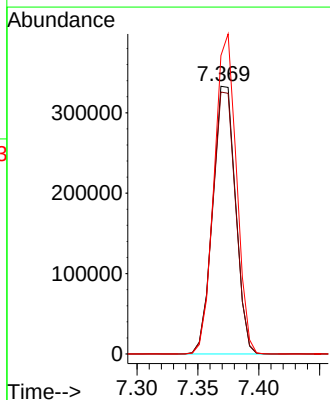
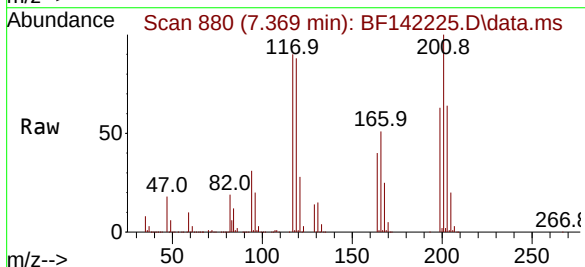
Instrument :
BNA_F
ClientSampleId :
ICVBF042325

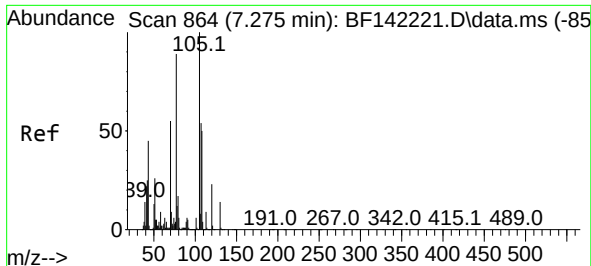
Tgt Ion:	107	Resp:	840754
Ion	Ratio	Lower	Upper
107	100		
108	113.2	89.3	133.9
77	48.8	39.3	58.9
79	48.4	38.2	57.4



#18
Hexachloroethane
Concen: 38.980 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion:	117	Resp:	434440
Ion	Ratio	Lower	Upper
117	100		
119	97.9	78.0	117.0
201	111.5	94.2	141.4



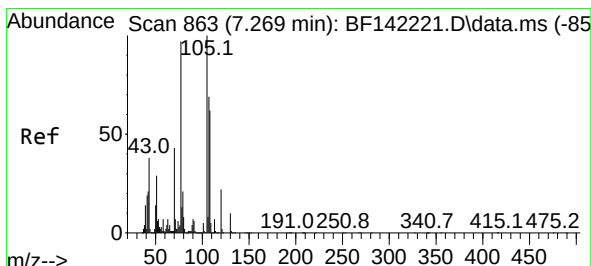
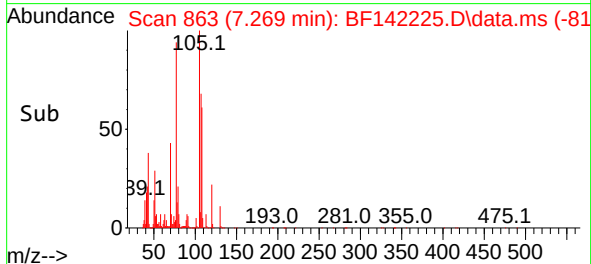
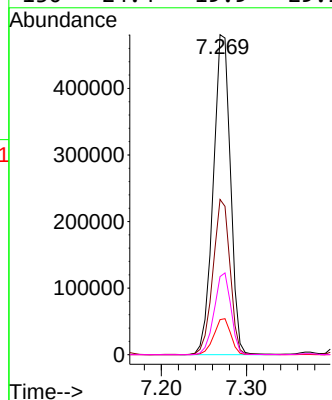
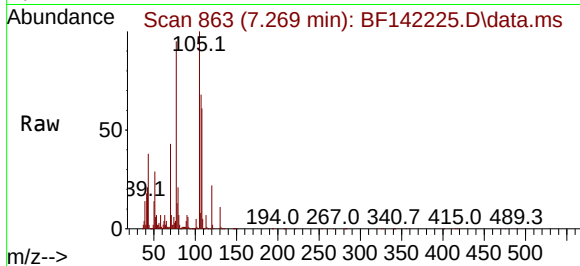


#19
n-Nitroso-di-n-propylamine
Concen: 37.993 ng
RT: 7.269 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Instrument :
BNA_F
ClientSampleId :
ICVBF042325

Tgt Ion: 70 Resp: 673768

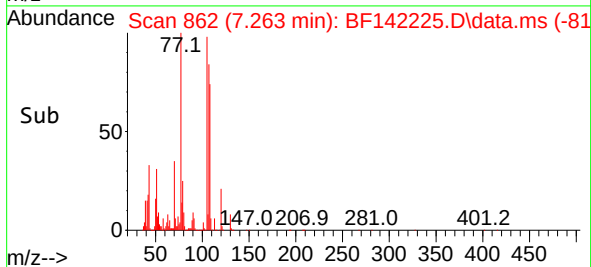
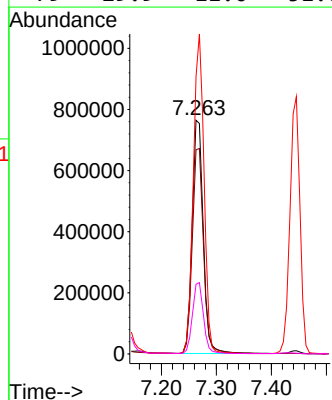
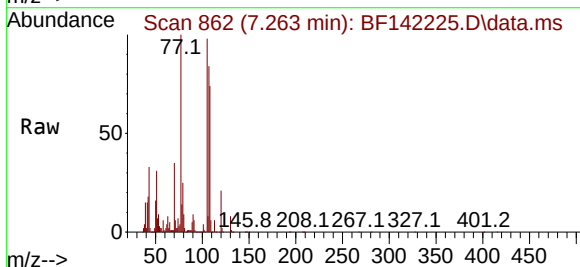
Ion	Ratio	Lower	Upper
70	100		
42	48.5	37.1	55.7
101	11.0	8.6	12.8
130	24.4	19.9	29.9

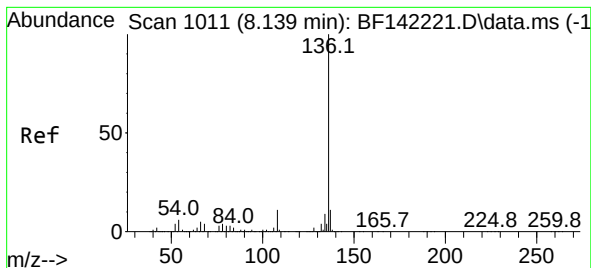


#20
3+4-Methylphenols
Concen: 39.159 ng
RT: 7.263 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion: 107 Resp: 1070484

Ion	Ratio	Lower	Upper
107	100		
108	87.3	70.2	110.2
77	118.7	119.4	159.4#
79	29.9	11.0	51.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 1011

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

Instrument :

BNA_F

ClientSampleId :

ICVBF042325

Tgt Ion:136 Resp: 1615219

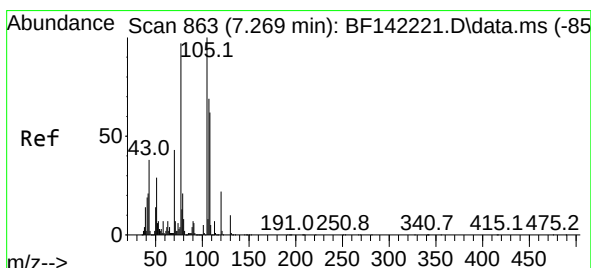
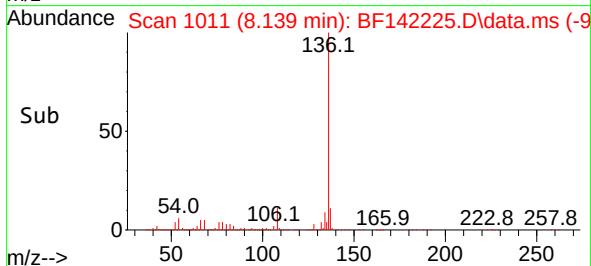
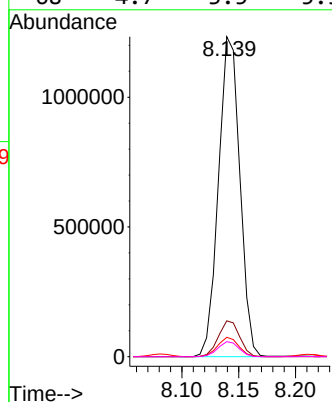
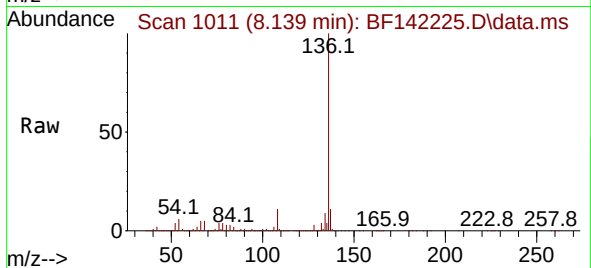
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 6.1 4.7 7.1

68 4.7 3.5 5.3



#22

Acetophenone

Concen: 39.555 ng

RT: 7.269 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

Tgt Ion:105 Resp: 1478021

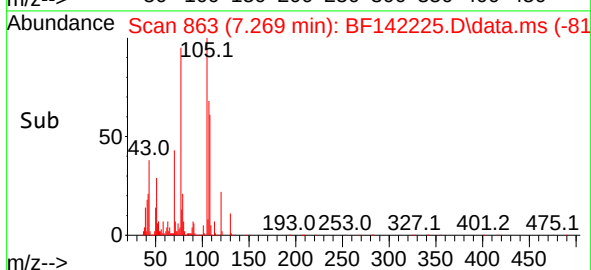
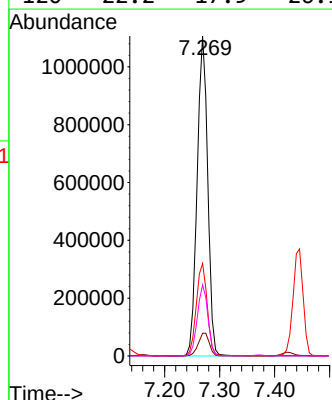
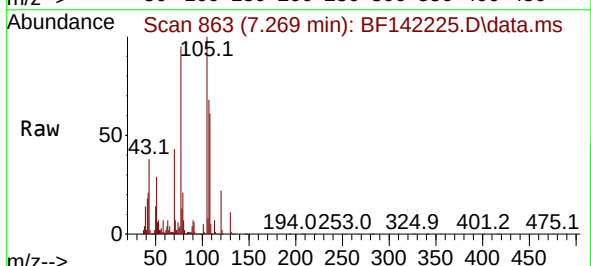
Ion Ratio Lower Upper

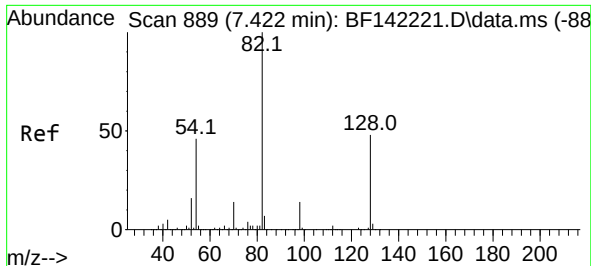
105 100

71 7.1 5.7 8.5

51 28.9 23.5 35.3

120 22.2 17.9 26.9





#23

Nitrobenzene-d5

Concen: 79.426 ng

RT: 7.422 min Scan# 889

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

Instrument :

BNA_F

ClientSampleId :

ICVBF042325

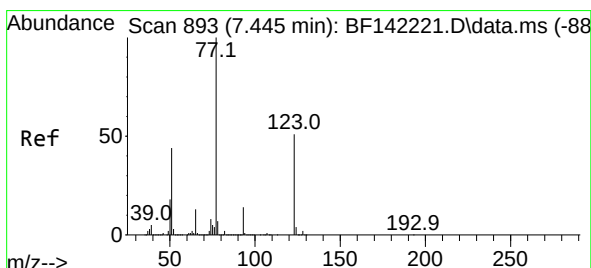
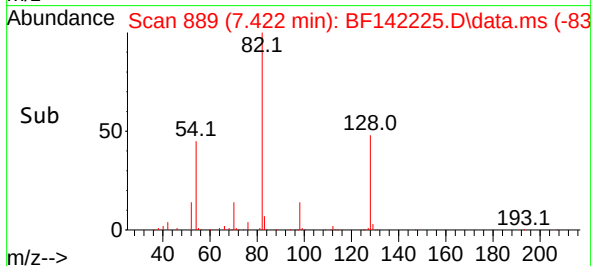
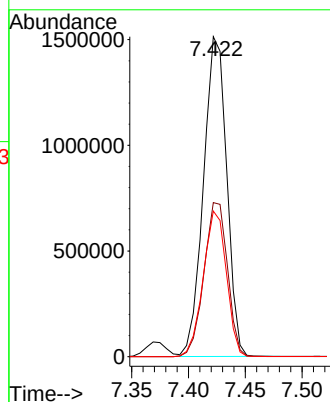
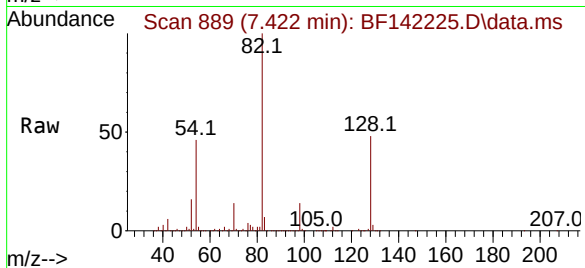
Tgt Ion: 82 Resp: 2153219

Ion Ratio Lower Upper

82 100

128 48.2 38.3 57.5

54 45.5 36.4 54.6



#24

Nitrobenzene

Concen: 39.614 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

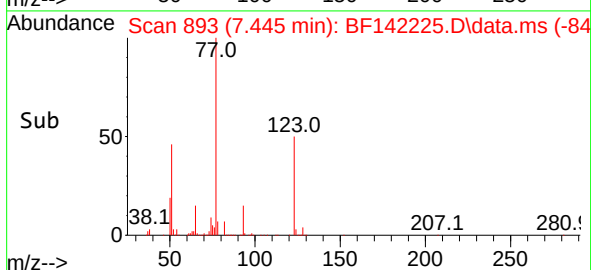
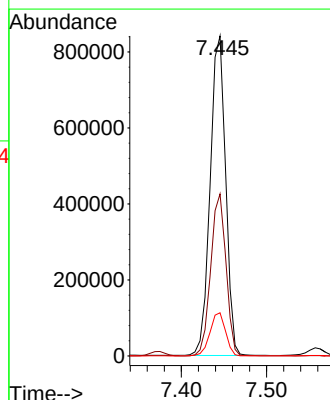
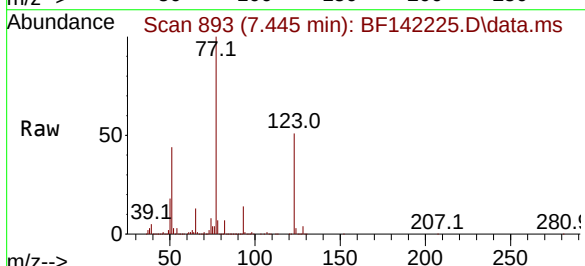
Tgt Ion: 77 Resp: 1060910

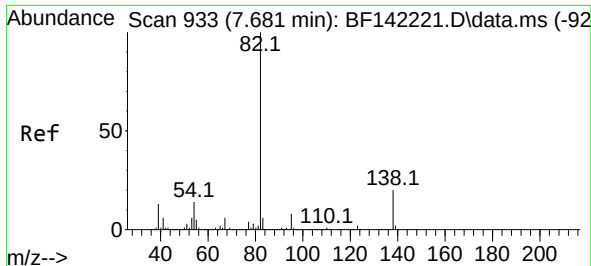
Ion Ratio Lower Upper

77 100

123 50.6 41.0 61.6

65 13.5 10.6 16.0

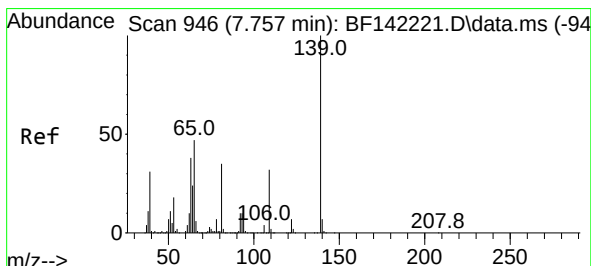
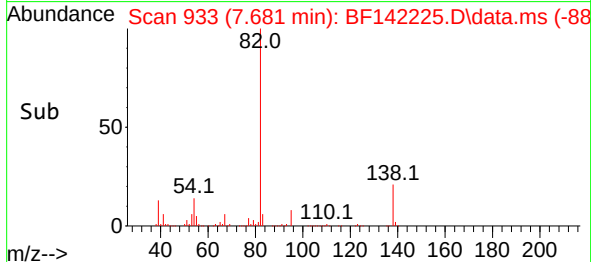
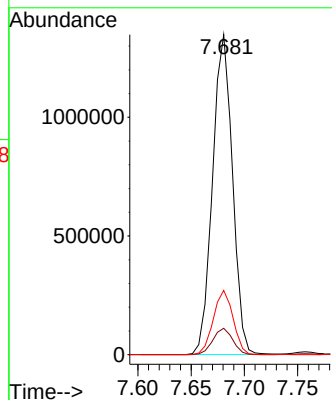
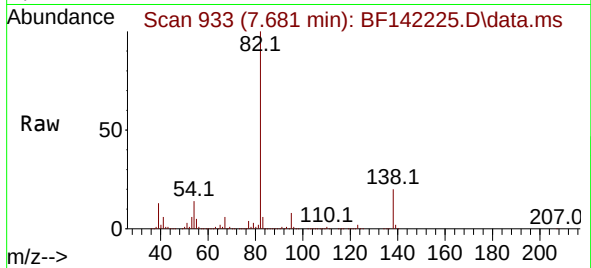




#25
Isophorone
Concen: 39.514 ng
RT: 7.681 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

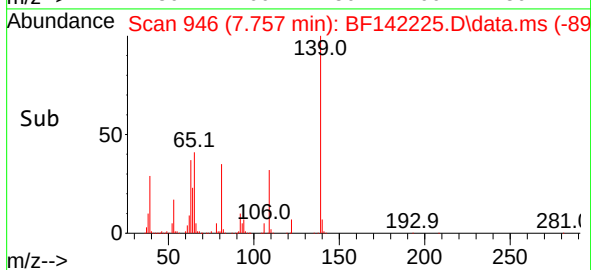
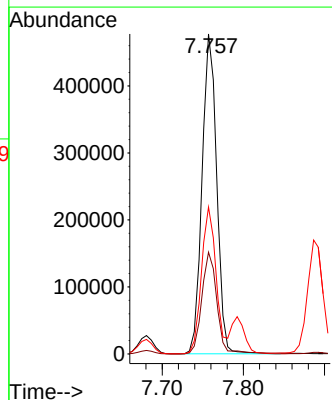
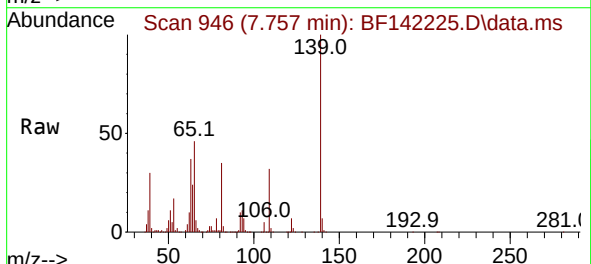
Instrument :
BNA_F
ClientSampleId :
ICVBF042325

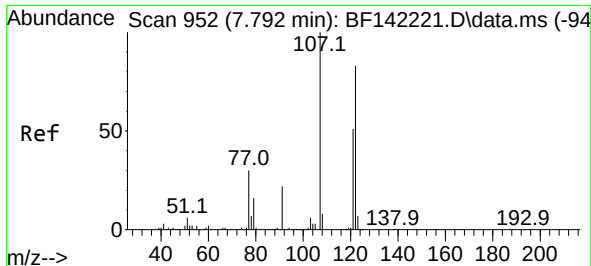
Tgt Ion: 82 Resp: 1756404
Ion Ratio Lower Upper
82 100
95 8.3 6.6 9.8
138 20.1 16.2 24.2



#26
2-Nitrophenol
Concen: 40.678 ng
RT: 7.757 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion: 139 Resp: 598257
Ion Ratio Lower Upper
139 100
109 31.8 25.5 38.3
65 45.9 37.4 56.2





#27

2,4-Dimethylphenol

Concen: 39.879 ng

RT: 7.792 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

Instrument :

BNA_F

ClientSampleId :

ICVBF042325

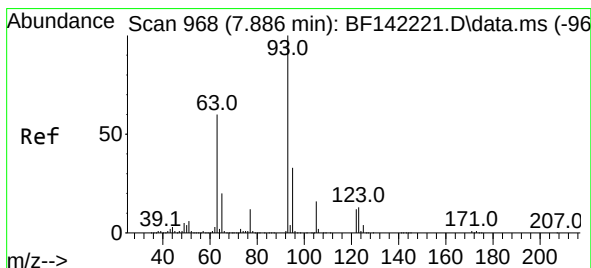
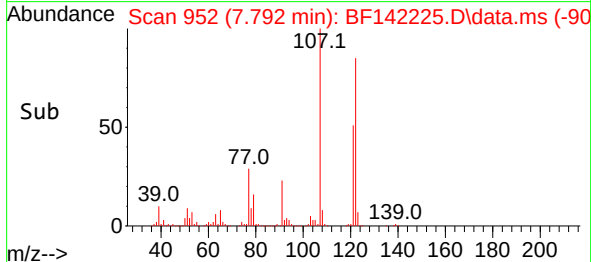
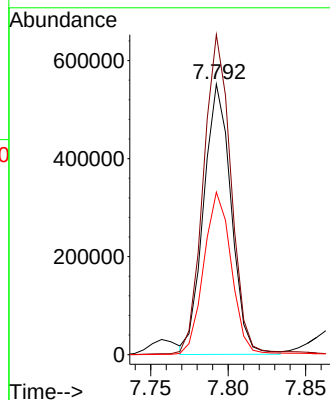
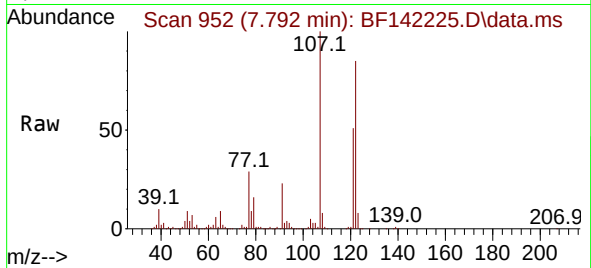
Tgt Ion:122 Resp: 681575

Ion Ratio Lower Upper

122 100

107 118.3 94.6 141.8

121 60.1 48.0 72.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.460 ng

RT: 7.886 min Scan# 968

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

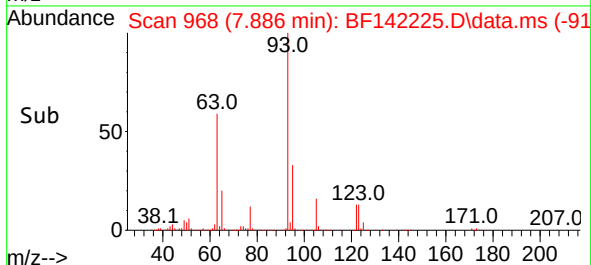
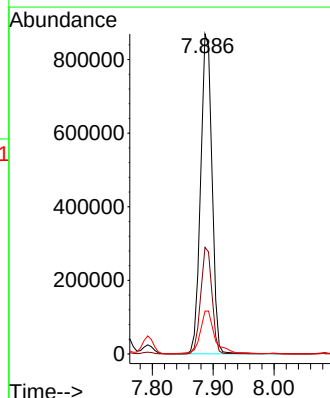
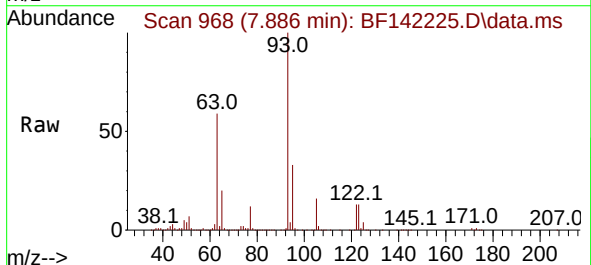
Tgt Ion: 93 Resp: 1131372

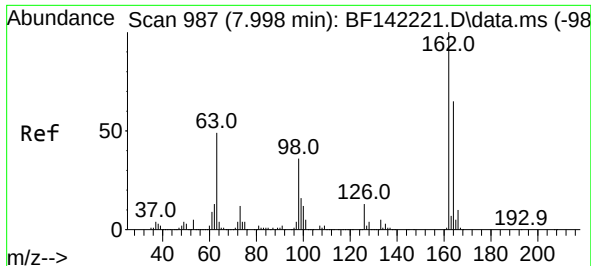
Ion Ratio Lower Upper

93 100

95 33.3 26.4 39.6

123 13.4 10.6 15.8

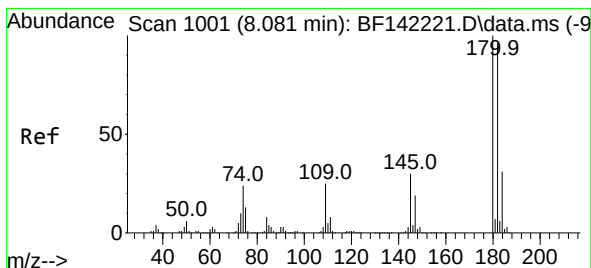
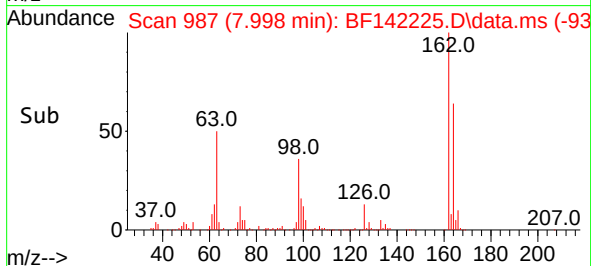
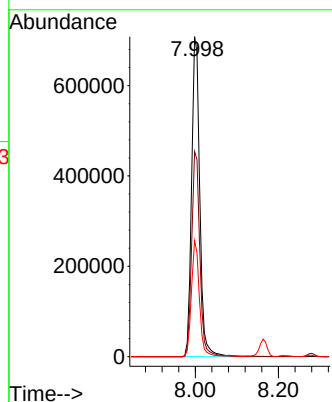
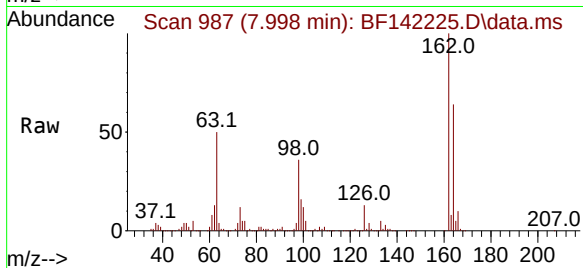




#29
2,4-Dichlorophenol
Concen: 40.332 ng
RT: 7.998 min Scan# 98
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

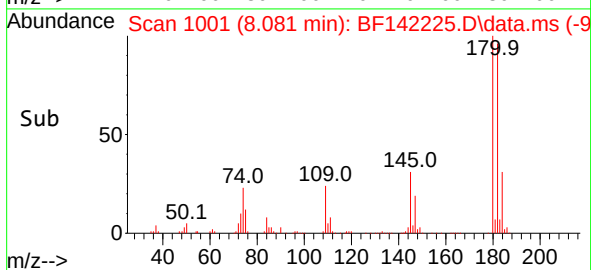
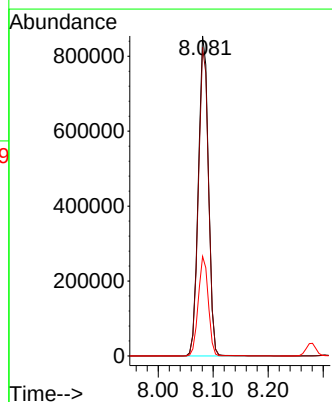
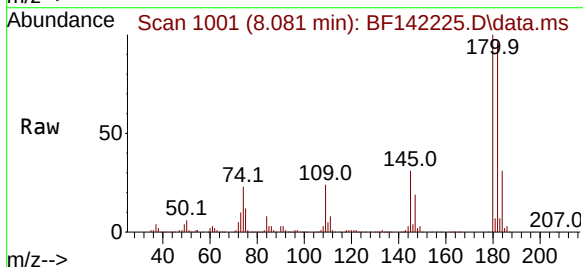
Instrument :
BNA_F
ClientSampleId :
ICVBF042325

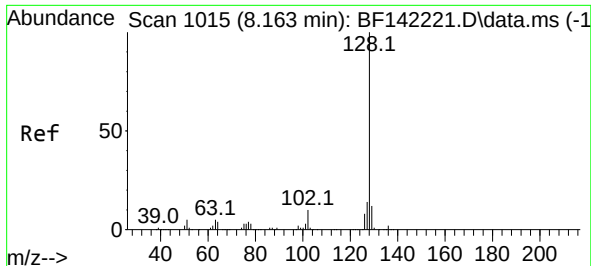
Tgt Ion:162 Resp: 971094
Ion Ratio Lower Upper
162 100
164 64.1 44.7 84.7
98 36.2 16.3 56.3



#30
1,2,4-Trichlorobenzene
Concen: 40.107 ng
RT: 8.081 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion:180 Resp: 1089574
Ion Ratio Lower Upper
180 100
182 96.4 77.0 115.4
145 31.1 24.3 36.5

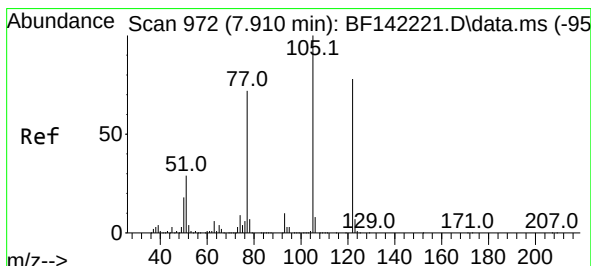
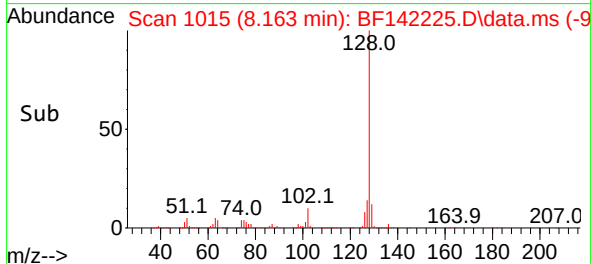
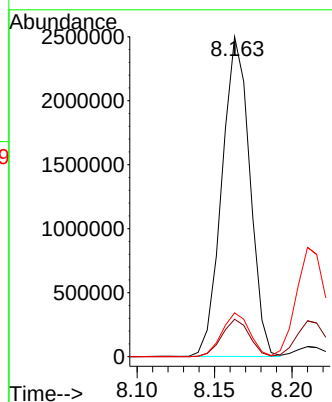
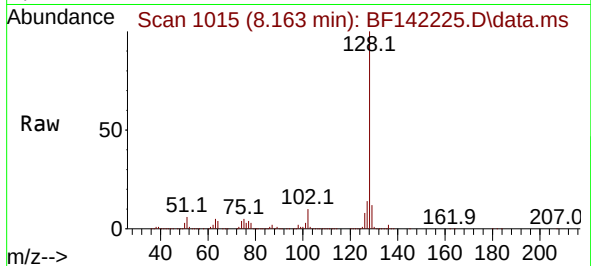




#31
Naphthalene
Concen: 39.408 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

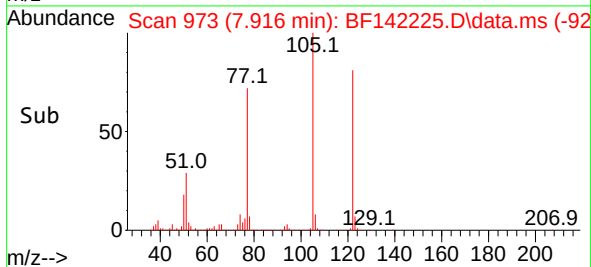
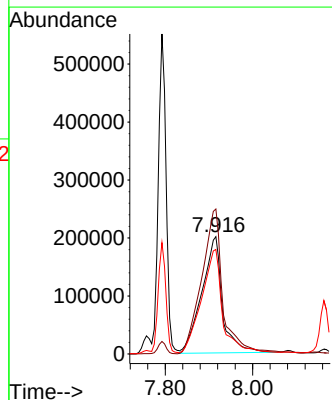
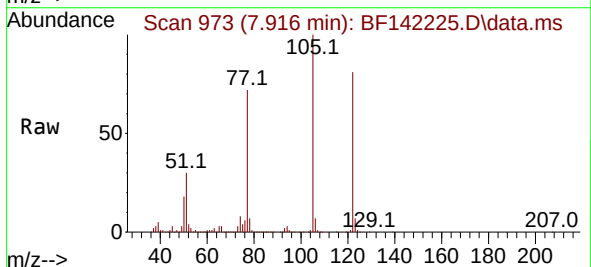
Instrument :
BNA_F
ClientSampleId :
ICVBF042325

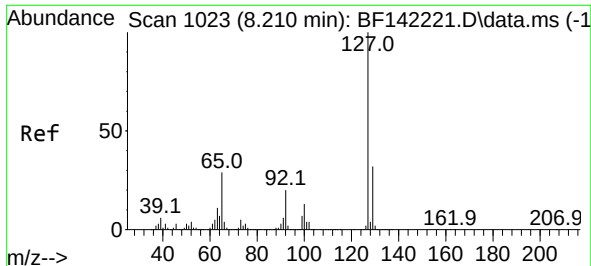
Tgt Ion:128 Resp: 3128552
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.7 11.0 16.4



#32
Benzoic acid
Concen: 42.451 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.006 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion:122 Resp: 657314
Ion Ratio Lower Upper
122 100
105 123.7 104.9 144.9
77 89.1 70.3 110.3



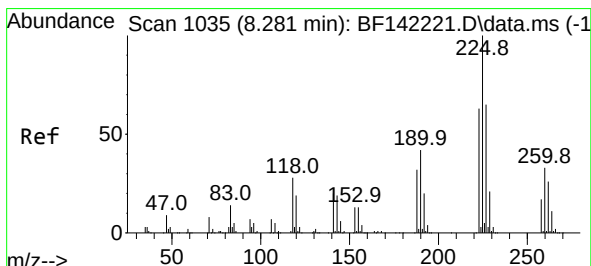
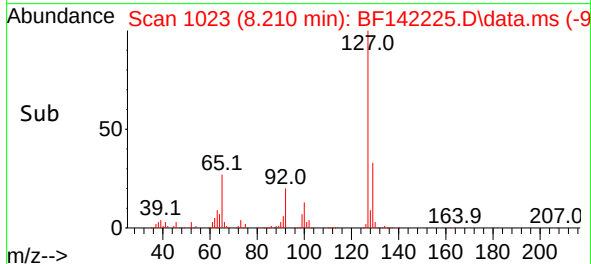
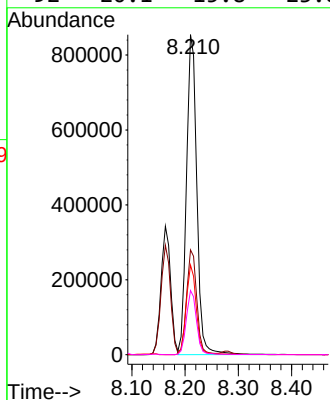
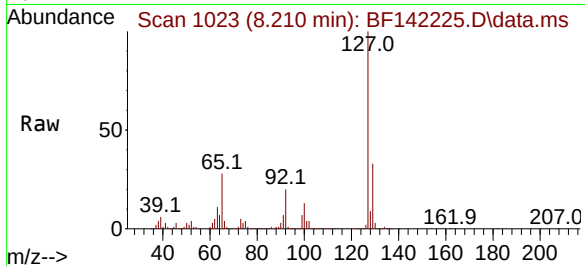


#33
4-Chloroaniline
Concen: 41.103 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Instrument :
BNA_F
ClientSampleId :
ICVBF042325

Tgt Ion:127 Resp: 1149163

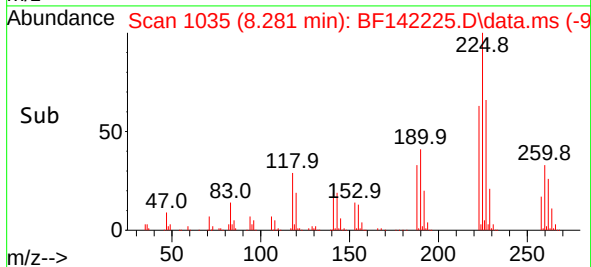
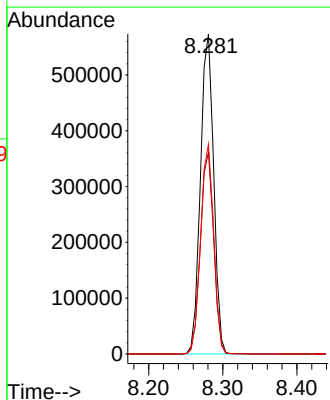
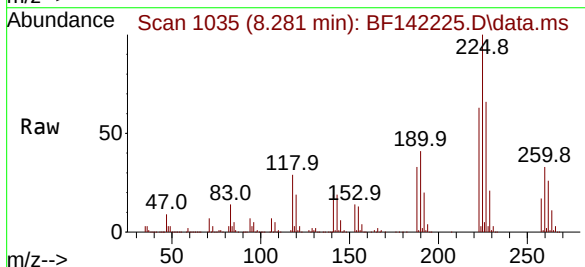
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	28.0	22.8	34.2
92	20.1	15.8	23.8

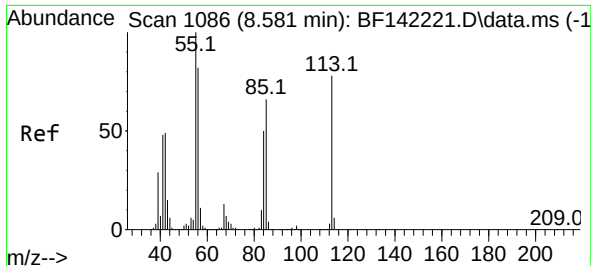


#34
Hexachlorobutadiene
Concen: 39.641 ng
RT: 8.281 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion:225 Resp: 709883

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.3	75.5
227	65.5	51.9	77.9

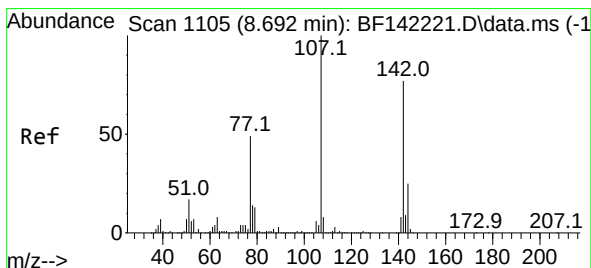
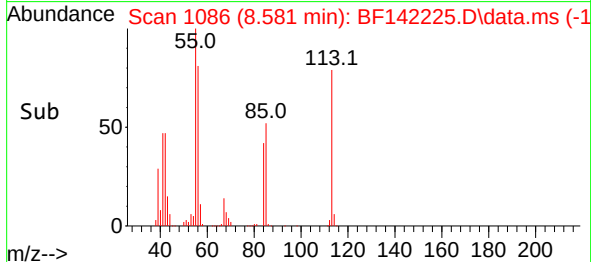
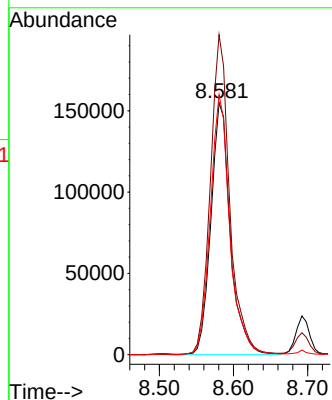
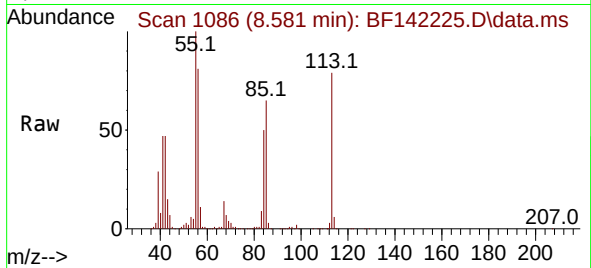




#35
 Caprolactam
 Concen: 39.934 ng
 RT: 8.581 min Scan# 1086
 Delta R.T. 0.000 min
 Lab File: BF142225.D
 Acq: 23 Apr 2025 14:40

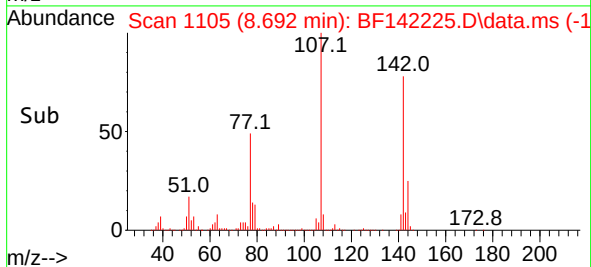
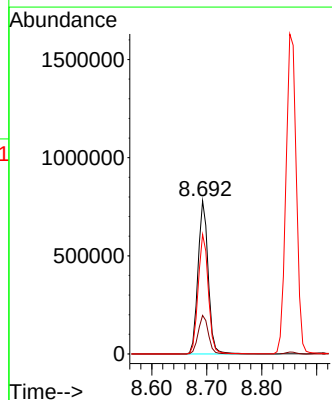
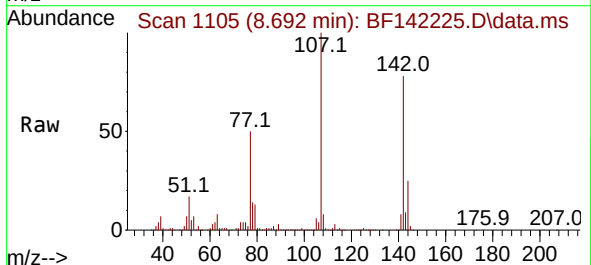
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042325

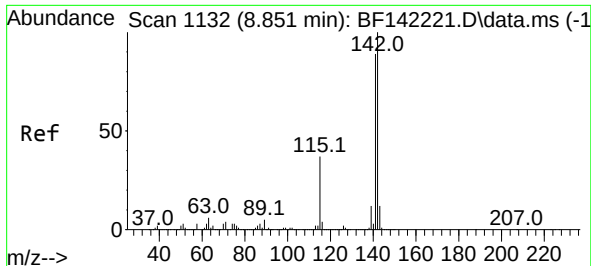
Tgt Ion:113 Resp: 282392
 Ion Ratio Lower Upper
 113 100
 55 127.0 107.8 147.8
 56 103.1 84.5 124.5



#36
 4-Chloro-3-methylphenol
 Concen: 40.143 ng
 RT: 8.692 min Scan# 1105
 Delta R.T. 0.000 min
 Lab File: BF142225.D
 Acq: 23 Apr 2025 14:40

Tgt Ion:107 Resp: 1004780
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.7 29.5
 142 78.1 61.8 92.8

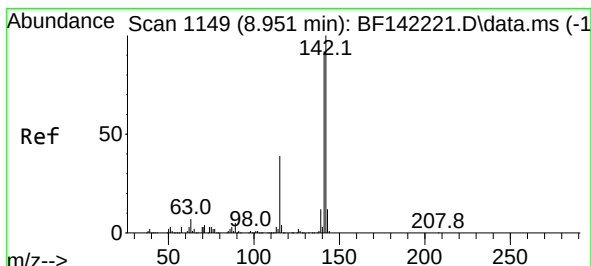
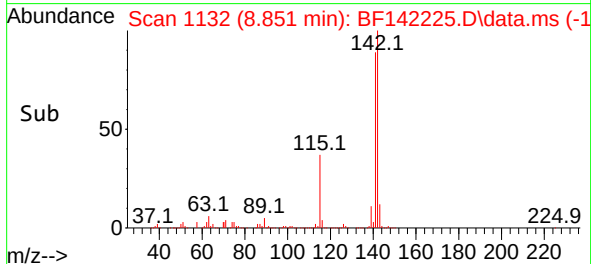
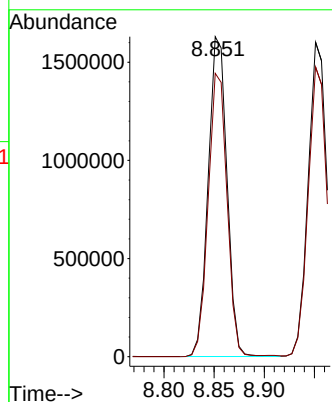
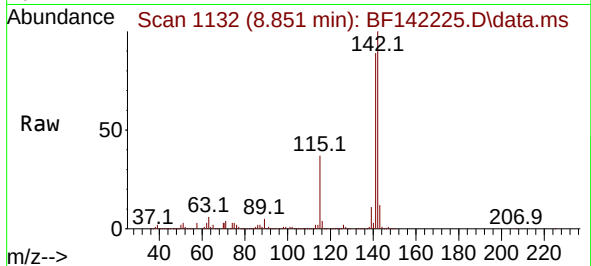




#37
2-Methylnaphthalene
Concen: 39.896 ng
RT: 8.851 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

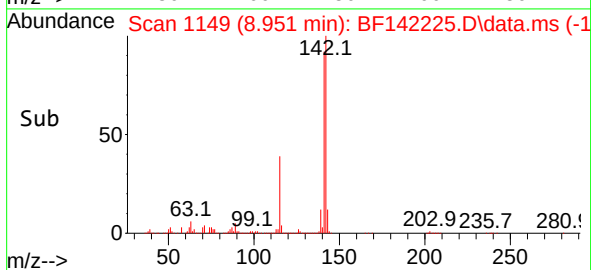
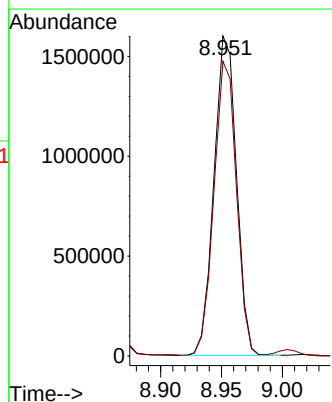
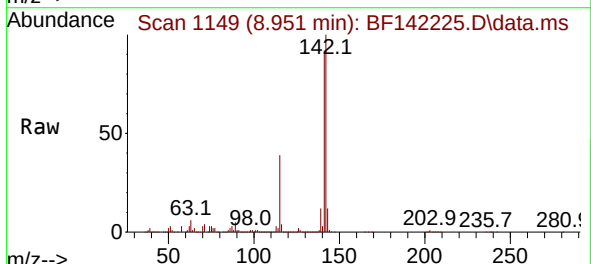
Instrument :
BNA_F
ClientSampleId :
ICVBF042325

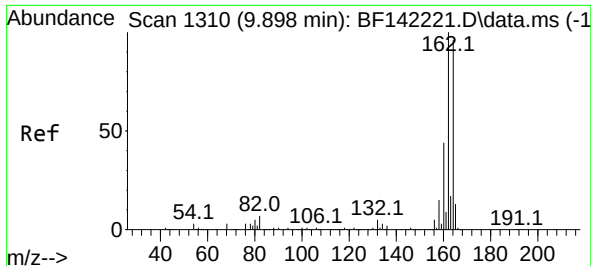
Tgt Ion:142 Resp: 2125382
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3



#38
1-Methylnaphthalene
Concen: 39.654 ng
RT: 8.951 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion:142 Resp: 2058182
Ion Ratio Lower Upper
142 100
141 92.1 73.6 110.4

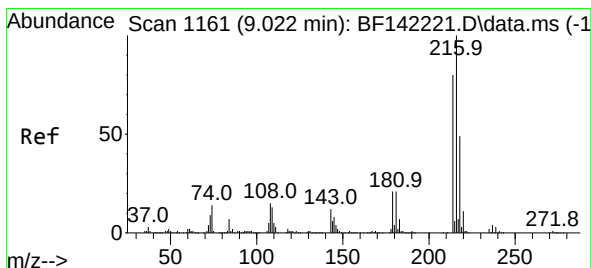
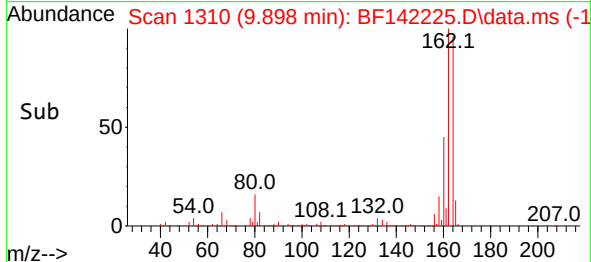
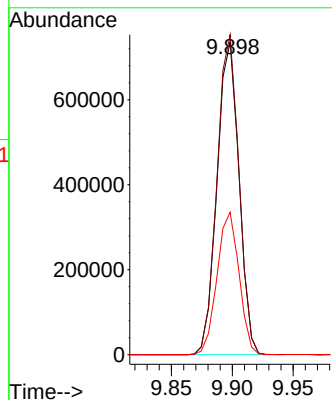
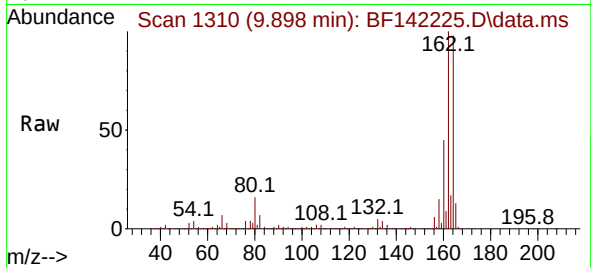




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

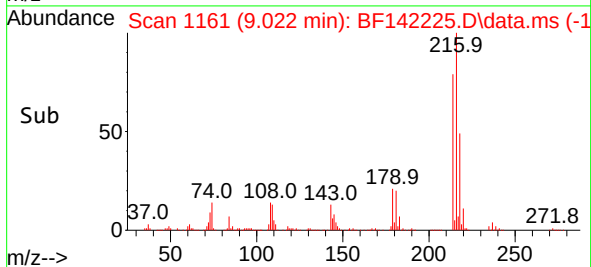
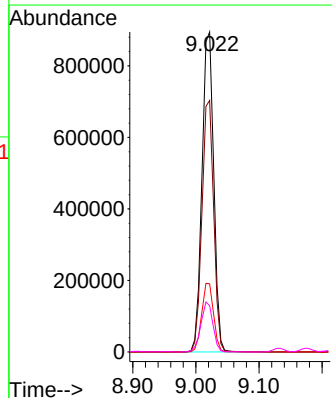
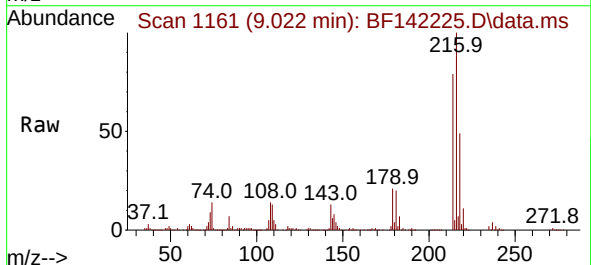
Instrument :
BNA_F
ClientSampleId :
ICVBF042325

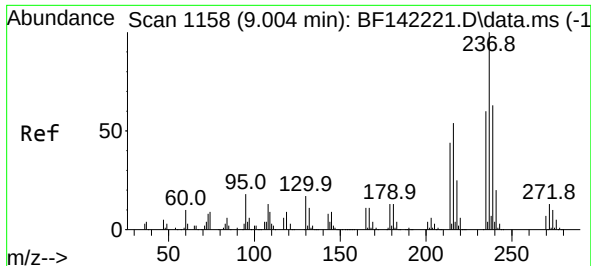
Tgt Ion:164 Resp: 922954
Ion Ratio Lower Upper
164 100
162 102.3 83.0 124.6
160 45.5 36.5 54.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.184 ng
RT: 9.022 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion:216 Resp: 1153115
Ion Ratio Lower Upper
216 100
214 78.7 64.1 96.1
179 21.6 17.0 25.6
108 16.0 12.8 19.2

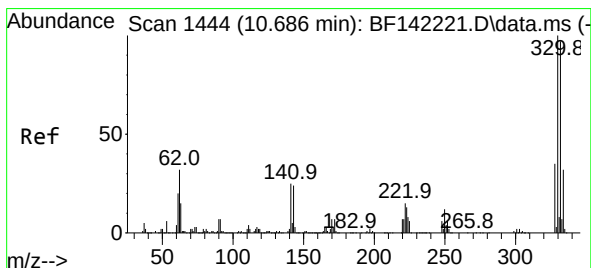
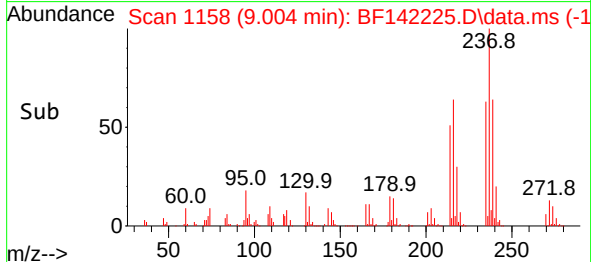
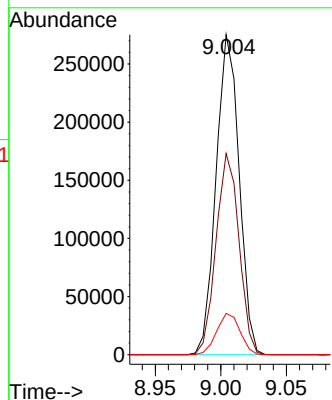
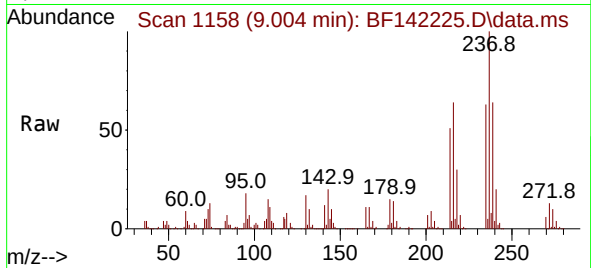




#41
Hexachlorocyclopentadiene
Concen: 38.370 ng
RT: 9.004 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

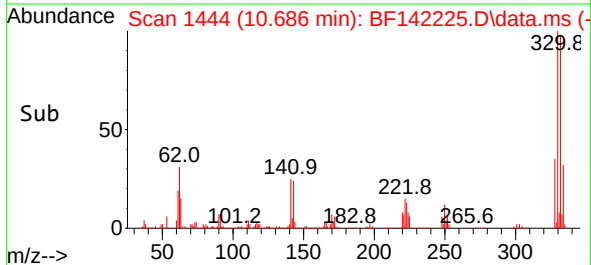
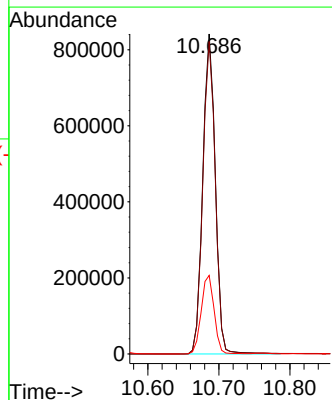
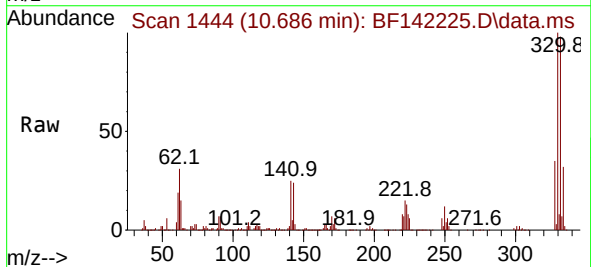
Instrument :
BNA_F
ClientSampleId :
ICVBF042325

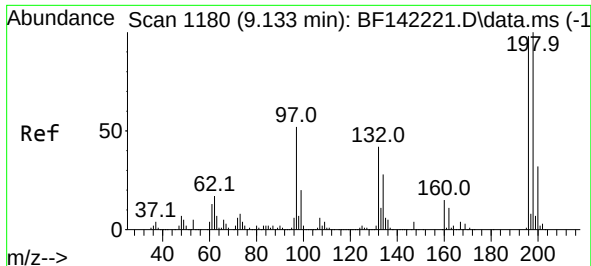
Tgt Ion:237 Resp: 335772
Ion Ratio Lower Upper
237 100
235 62.8 40.0 80.0
272 12.9 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 79.901 ng
RT: 10.686 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion:330 Resp: 1033722
Ion Ratio Lower Upper
330 100
332 98.0 77.2 115.8
141 25.3 20.2 30.4

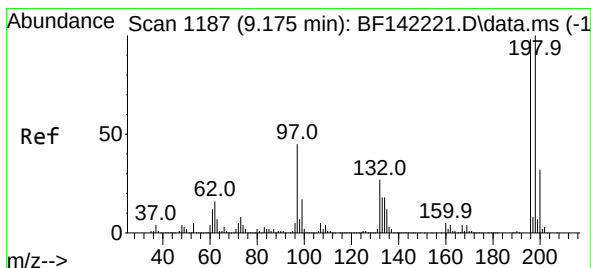
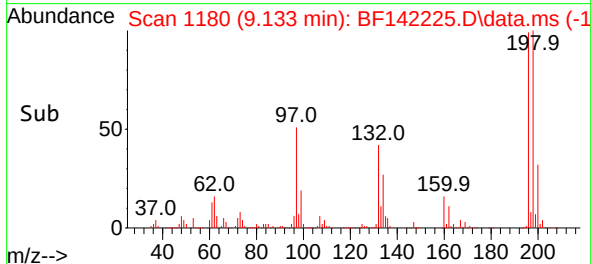
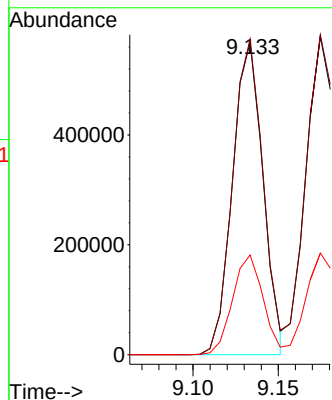
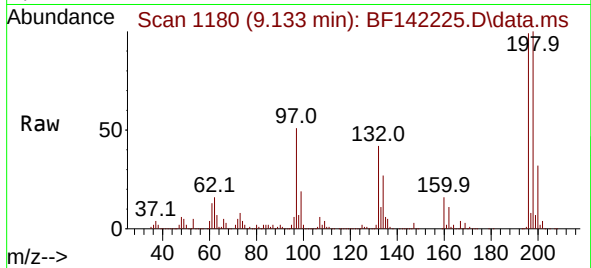




#43
2,4,6-Trichlorophenol
Concen: 39.697 ng
RT: 9.133 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

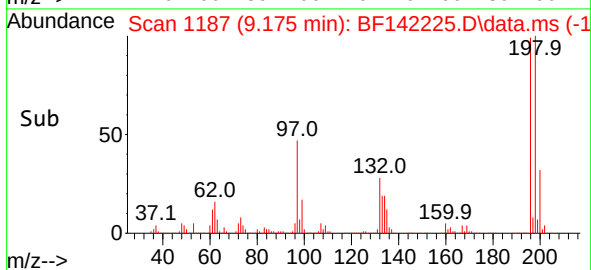
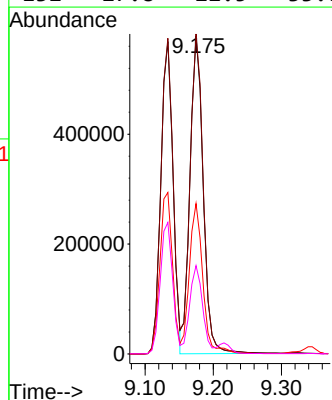
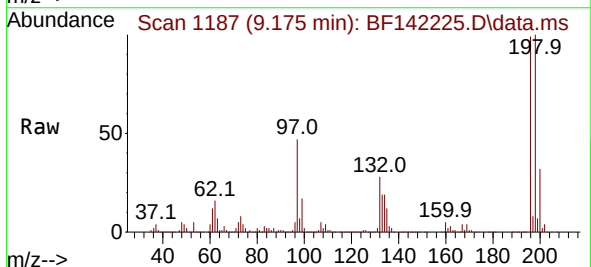
Instrument :
BNA_F
ClientSampleId :
ICVBF042325

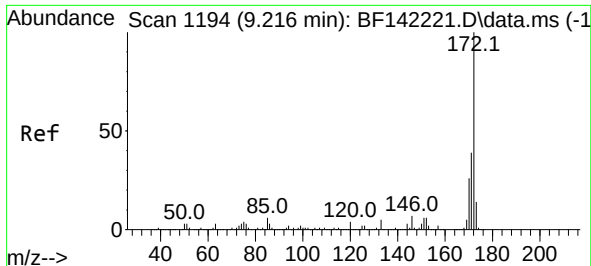
Tgt Ion:196 Resp: 706739
Ion Ratio Lower Upper
196 100
198 101.0 81.3 121.9
200 31.9 25.8 38.8



#44
2,4,5-Trichlorophenol
Concen: 40.667 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion:196 Resp: 776346
Ion Ratio Lower Upper
196 100
198 100.6 81.4 122.0
97 47.3 37.4 56.2
132 27.8 22.5 33.7

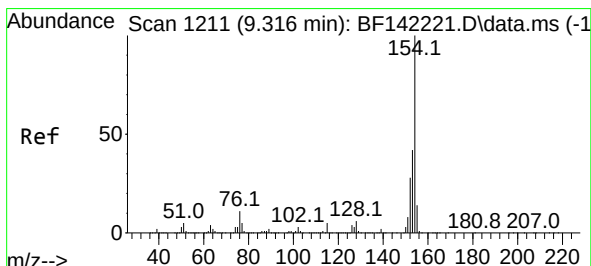
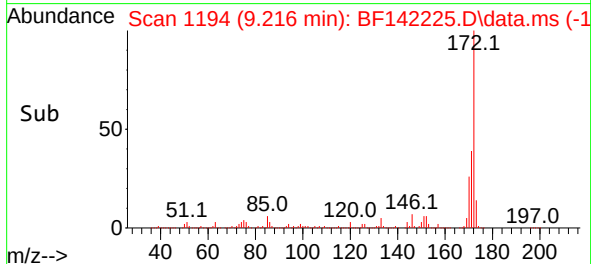
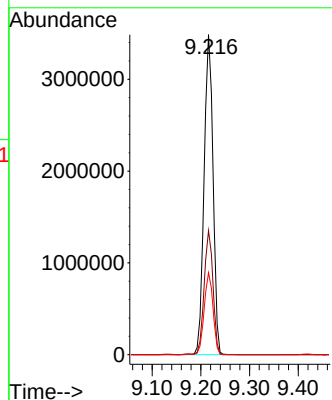
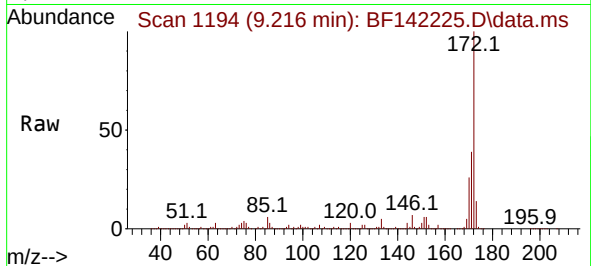




#45
2-Fluorobiphenyl
Concen: 77.396 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

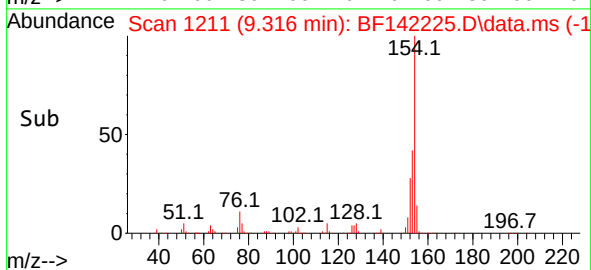
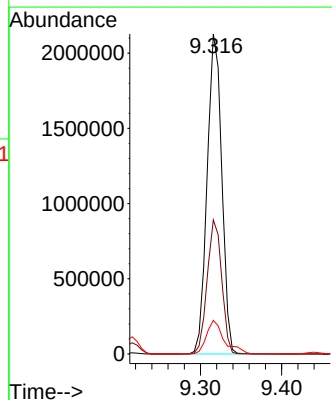
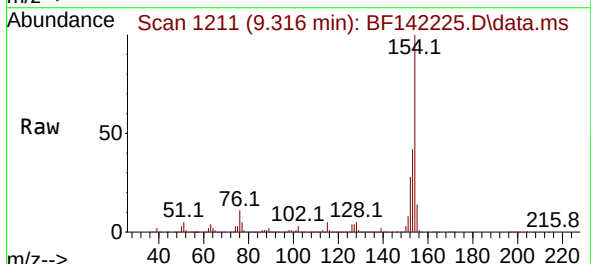
Instrument :
BNA_F
ClientSampleId :
ICVBF042325

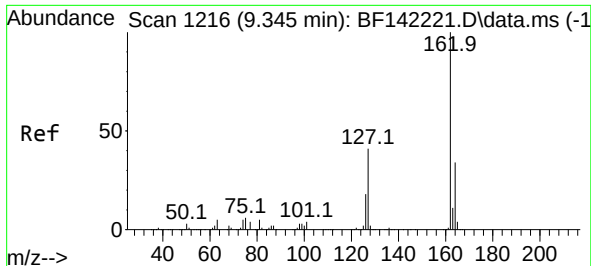
Tgt Ion:172 Resp: 4439191
Ion Ratio Lower Upper
172 100
171 38.8 30.9 46.3
170 25.6 20.6 30.8



#46
1,1'-Biphenyl
Concen: 39.042 ng
RT: 9.316 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion:154 Resp: 2653403
Ion Ratio Lower Upper
154 100
153 41.9 22.0 62.0
76 10.5 0.0 30.7

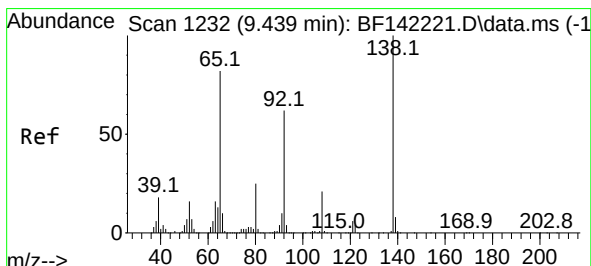
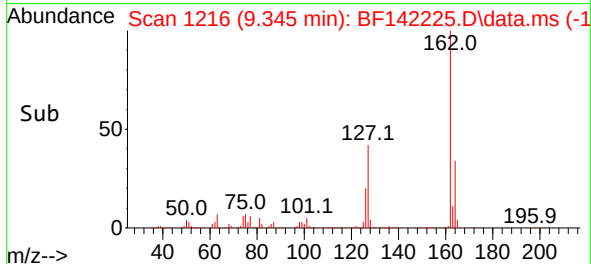
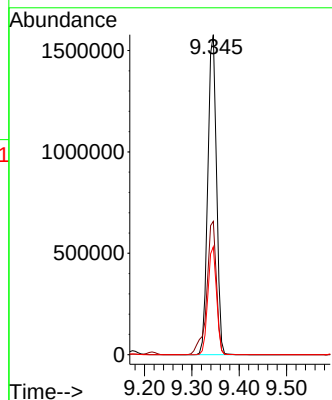
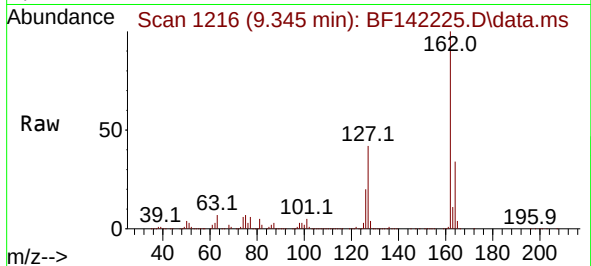




#47
2-Chloronaphthalene
Concen: 38.906 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

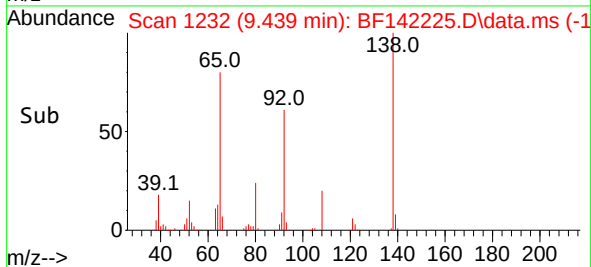
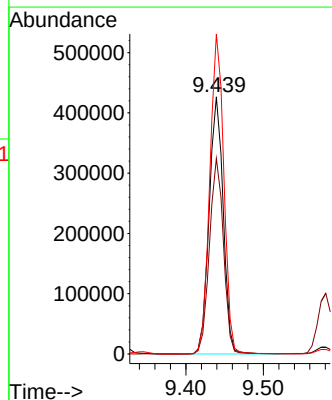
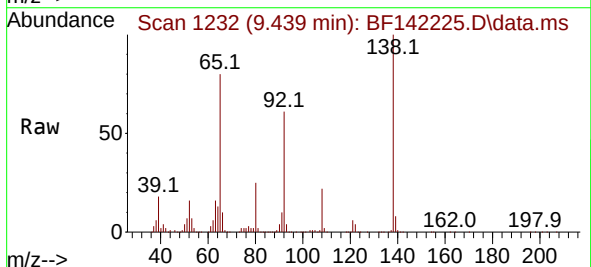
Instrument :
BNA_F
ClientSampleId :
ICVBF042325

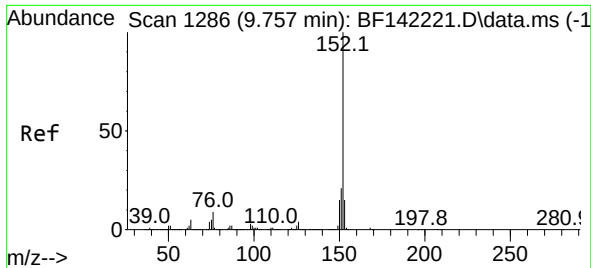
Tgt Ion:162 Resp: 2027548
Ion Ratio Lower Upper
162 100
127 41.7 33.4 50.0
164 33.7 26.9 40.3



#48
2-Nitroaniline
Concen: 40.011 ng
RT: 9.439 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion: 65 Resp: 539654
Ion Ratio Lower Upper
65 100
92 76.0 60.6 91.0
138 124.4 97.8 146.6





#49

Acenaphthylene

Concen: 39.277 ng

RT: 9.757 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

Instrument :

BNA_F

ClientSampleId :

ICVBF042325

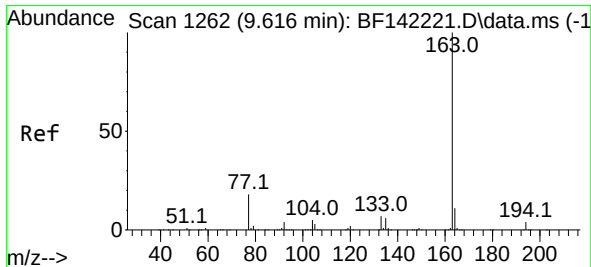
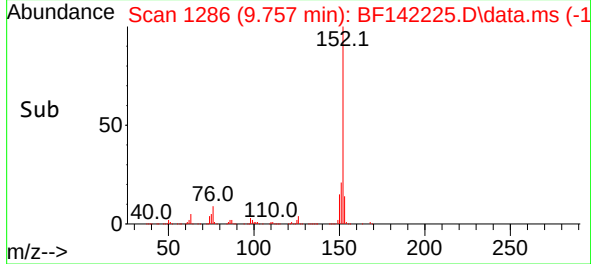
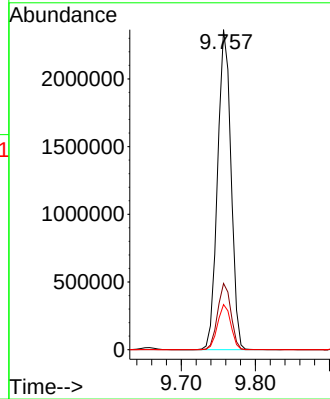
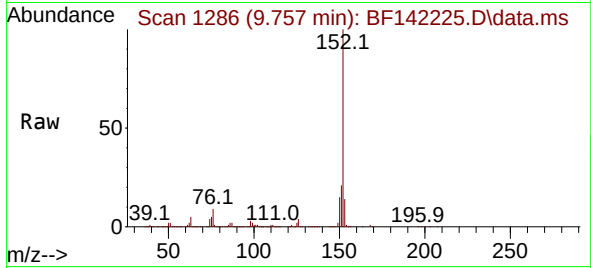
Tgt Ion:152 Resp: 2968908

Ion Ratio Lower Upper

152 100

151 20.7 16.7 25.1

153 14.1 11.6 17.4



#50

Dimethylphthalate

Concen: 39.175 ng

RT: 9.616 min Scan# 1262

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

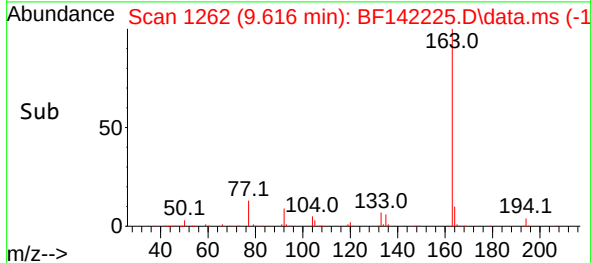
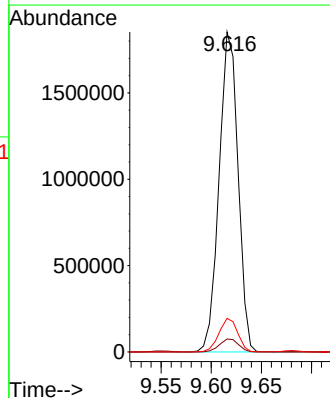
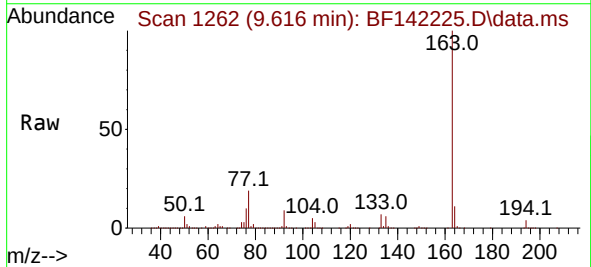
Tgt Ion:163 Resp: 2428093

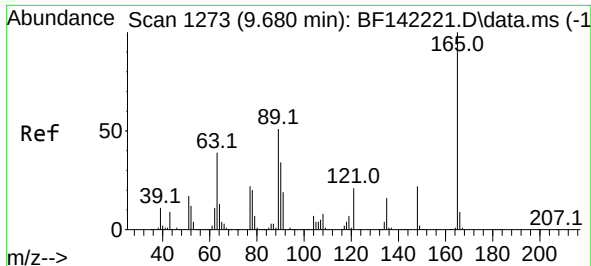
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.5 8.5 12.7

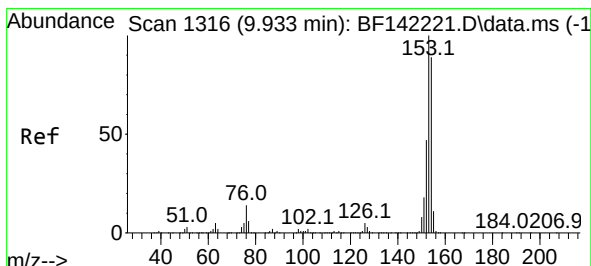
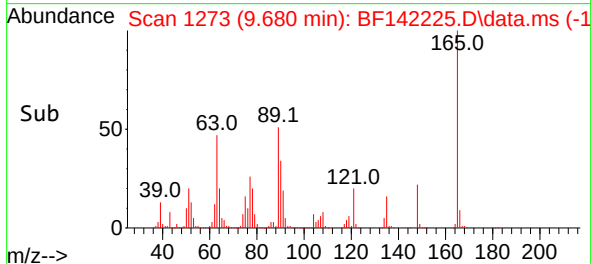
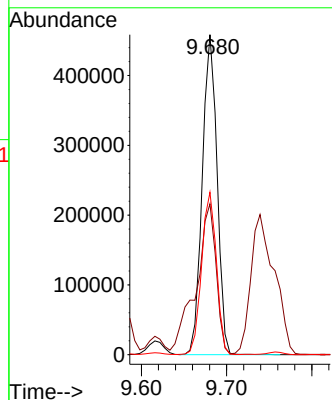
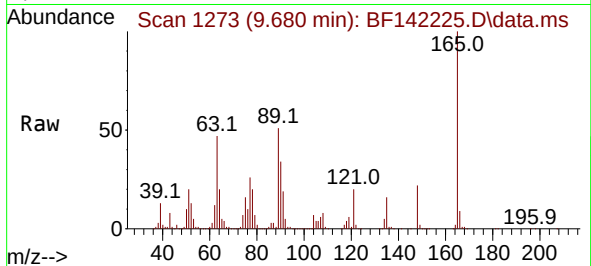




#51
2,6-Dinitrotoluene
Concen: 40.033 ng
RT: 9.680 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

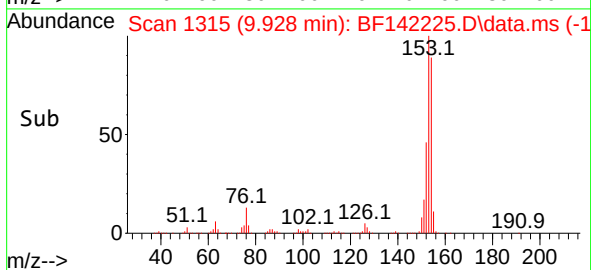
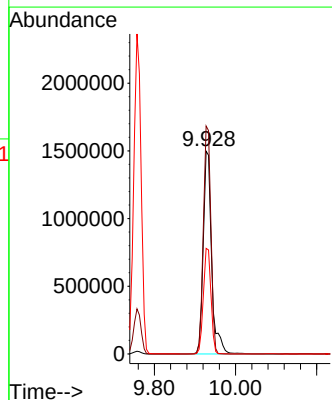
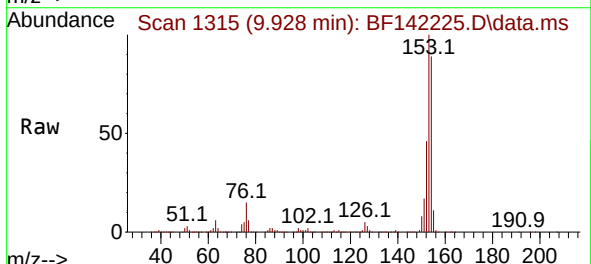
Instrument :
BNA_F
ClientSampleId :
ICVBF042325

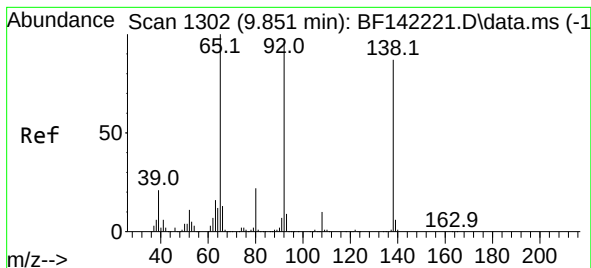
Tgt Ion:165 Resp: 552525
Ion Ratio Lower Upper
165 100
63 47.2 37.9 56.9
89 50.7 40.6 61.0



#52
Acenaphthene
Concen: 39.694 ng
RT: 9.928 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion:154 Resp: 2144567
Ion Ratio Lower Upper
154 100
153 112.4 89.5 134.3
152 52.1 41.9 62.9





#53

3-Nitroaniline

Concen: 39.499 ng

RT: 9.851 min Scan# 1302

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

Instrument :

BNA_F

ClientSampleId :

ICVBF042325

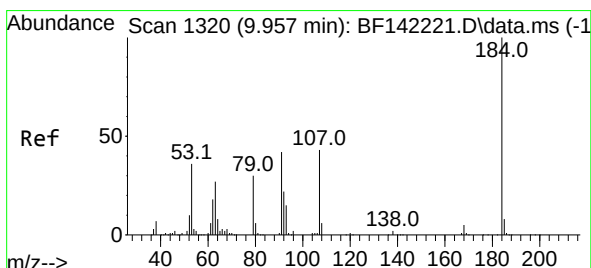
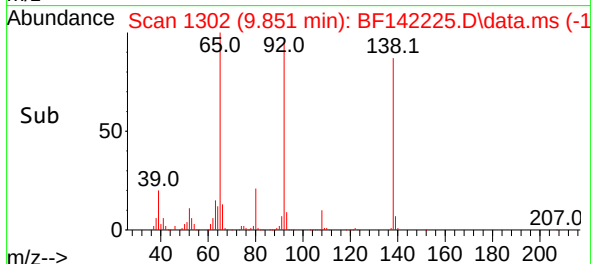
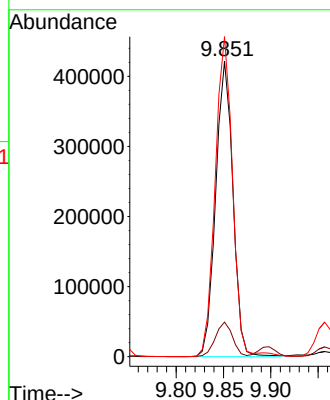
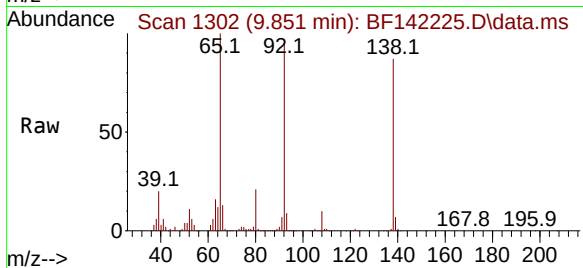
Tgt Ion:138 Resp: 533561

Ion Ratio Lower Upper

138 100

108 11.7 9.0 13.6

92 108.3 88.5 132.7



#54

2,4-Dinitrophenol

Concen: 41.360 ng

RT: 9.957 min Scan# 1320

Delta R.T. -0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

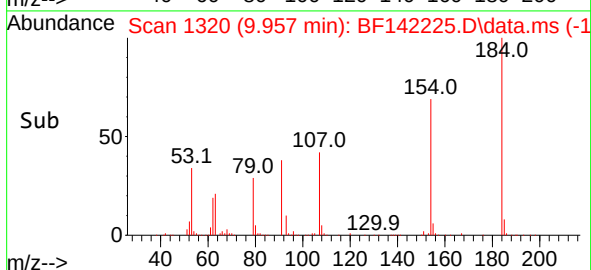
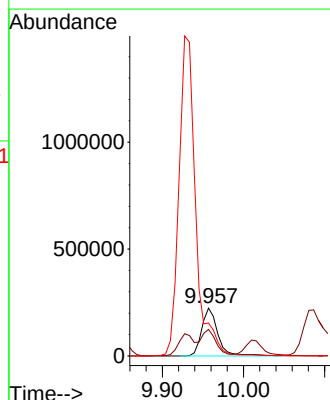
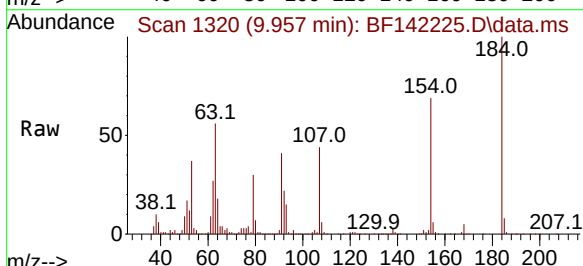
Tgt Ion:184 Resp: 309204

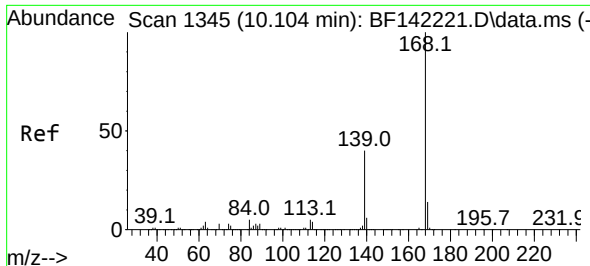
Ion Ratio Lower Upper

184 100

63 55.7 44.6 66.8

154 68.8 54.2 81.4

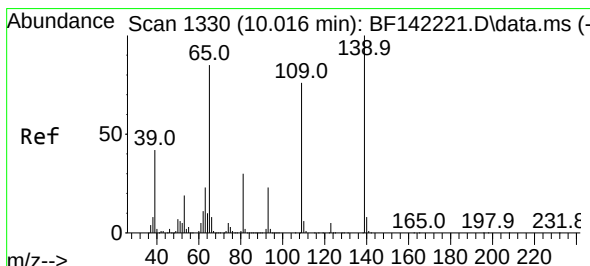
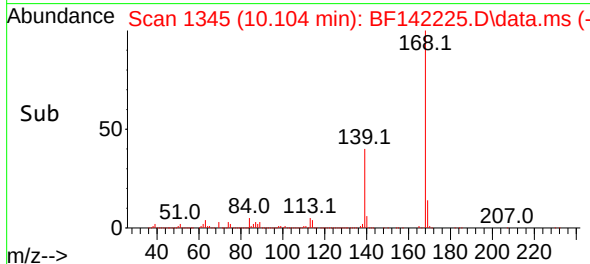
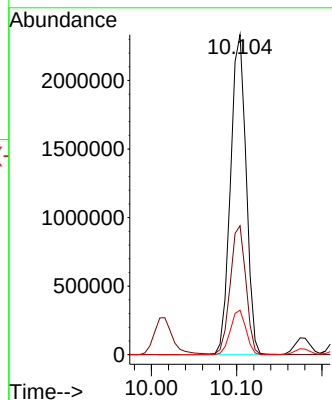
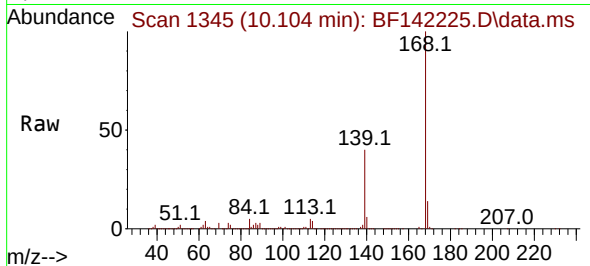




#55
Dibenzofuran
Concen: 38.948 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

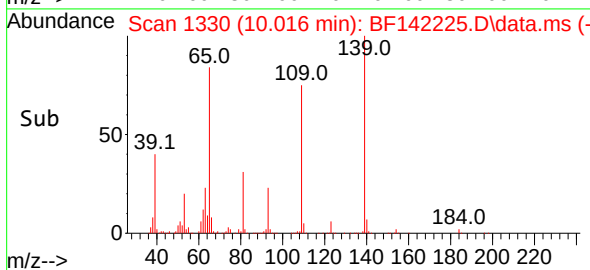
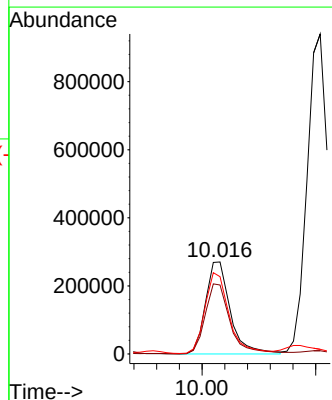
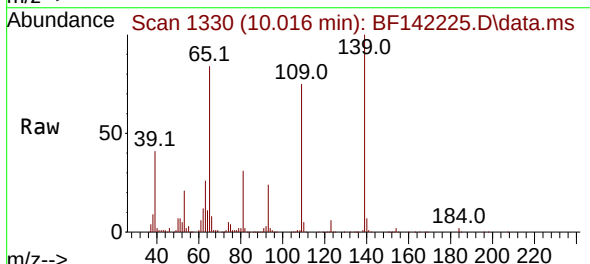
Instrument :
BNA_F
ClientSampleId :
ICVBF042325

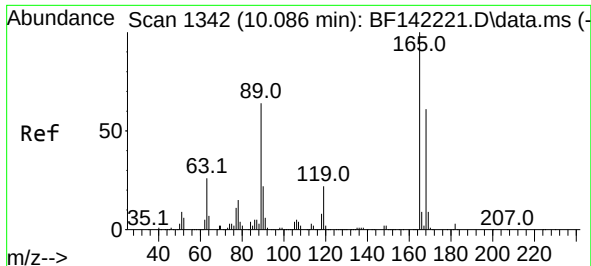
Tgt Ion:168 Resp: 2966422
Ion Ratio Lower Upper
168 100
139 40.3 32.6 48.8
169 13.9 11.2 16.8



#56
4-Nitrophenol
Concen: 41.515 ng
RT: 10.016 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion:139 Resp: 408535
Ion Ratio Lower Upper
139 100
109 75.0 55.8 95.8
65 84.1 65.5 105.5

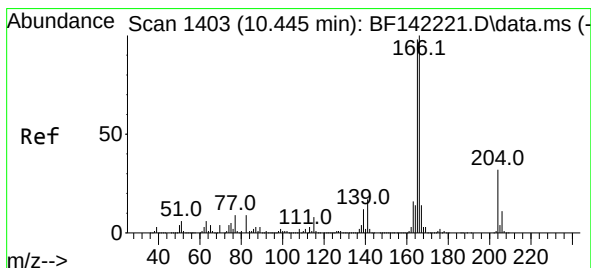
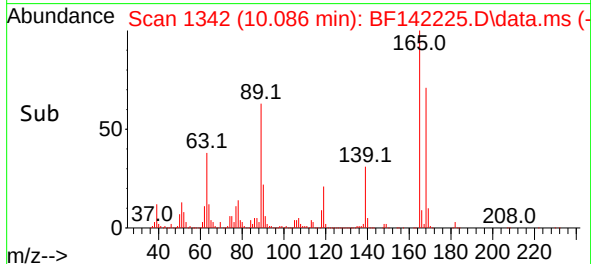
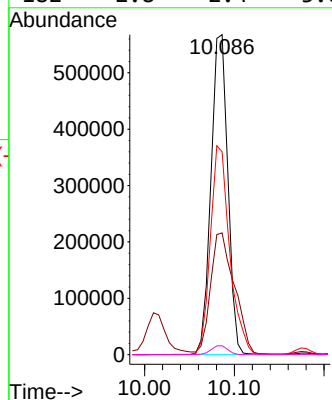
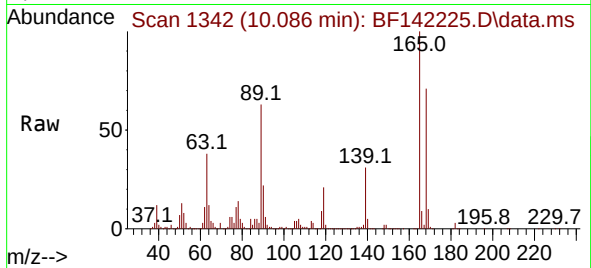




#57
2,4-Dinitrotoluene
Concen: 40.019 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

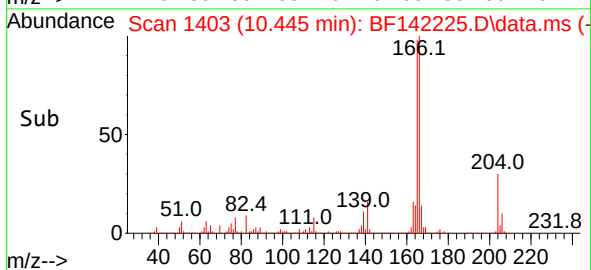
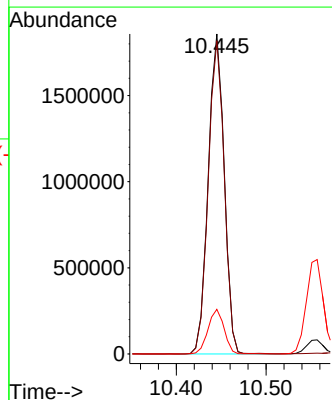
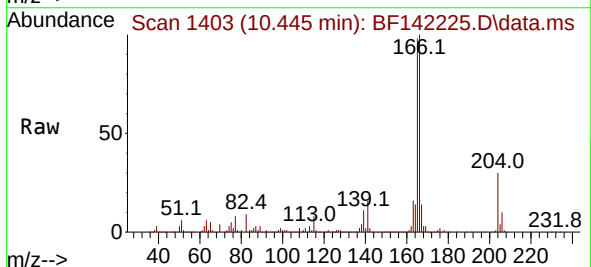
Instrument :
BNA_F
ClientSampleId :
ICVBF042325

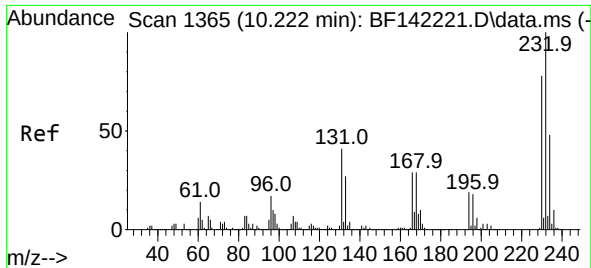
Tgt Ion:165 Resp: 740097
Ion Ratio Lower Upper
165 100
63 38.0 31.1 46.7
89 63.4 51.7 77.5
182 2.8 2.4 3.6



#58
Fluorene
Concen: 38.544 ng
RT: 10.445 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion:166 Resp: 2301713
Ion Ratio Lower Upper
166 100
165 97.9 78.0 117.0
167 13.9 11.0 16.4

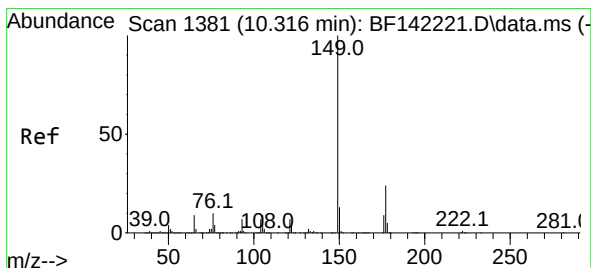
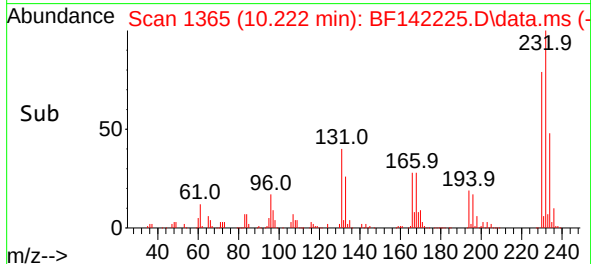
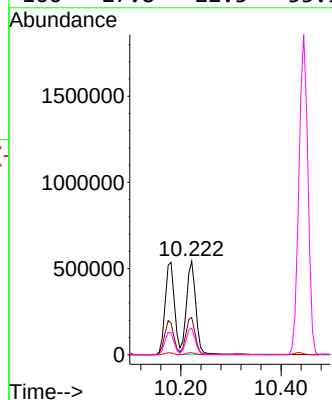
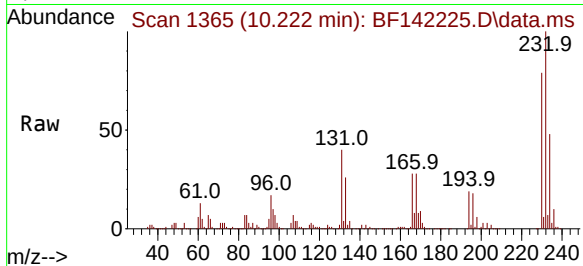




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.591 ng
 RT: 10.222 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: BF142225.D
 Acq: 23 Apr 2025 14:40

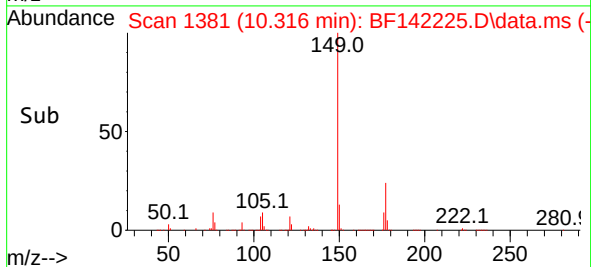
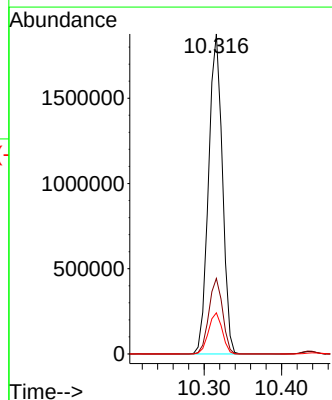
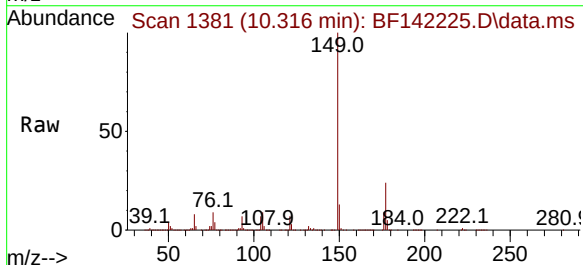
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042325

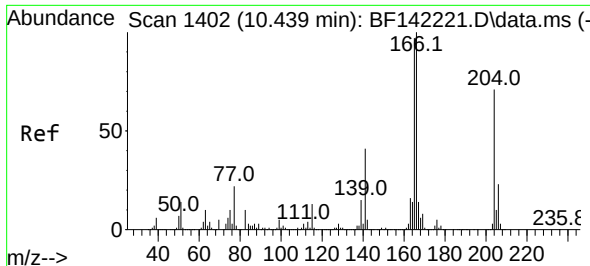
Tgt Ion:232 Resp: 703057
 Ion Ratio Lower Upper
 232 100
 131 39.5 32.2 48.2
 130 2.1 1.7 2.5
 166 27.8 22.3 33.5



#60
 Diethylphthalate
 Concen: 39.155 ng
 RT: 10.316 min Scan# 1381
 Delta R.T. 0.000 min
 Lab File: BF142225.D
 Acq: 23 Apr 2025 14:40

Tgt Ion:149 Resp: 2320938
 Ion Ratio Lower Upper
 149 100
 177 23.6 19.0 28.6
 150 12.8 10.3 15.5

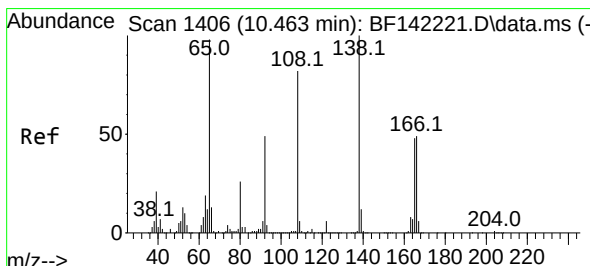
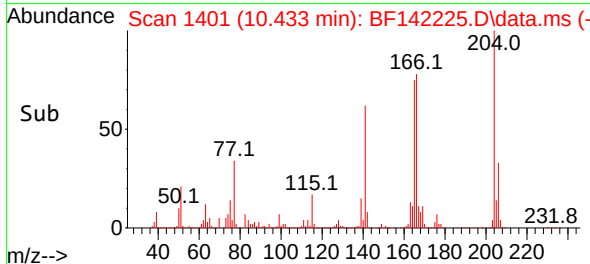
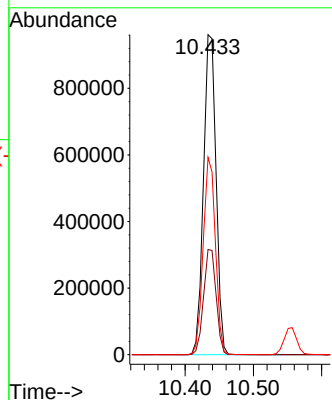
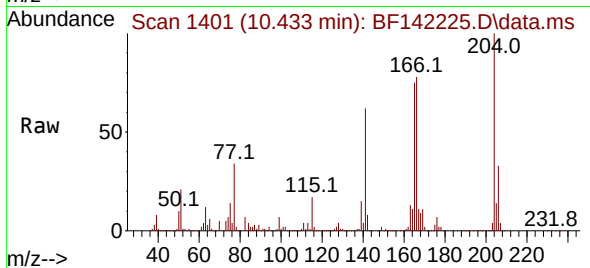




#61
4-Chlorophenyl-phenylether
Concen: 38.967 ng
RT: 10.433 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

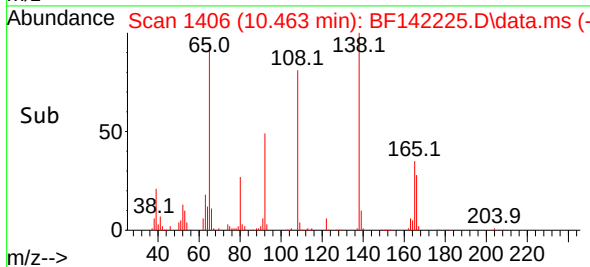
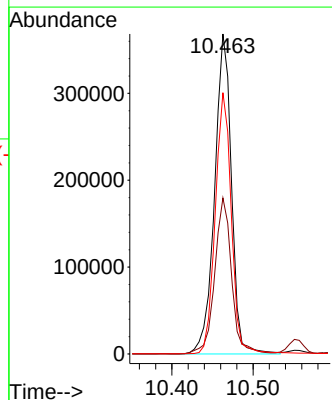
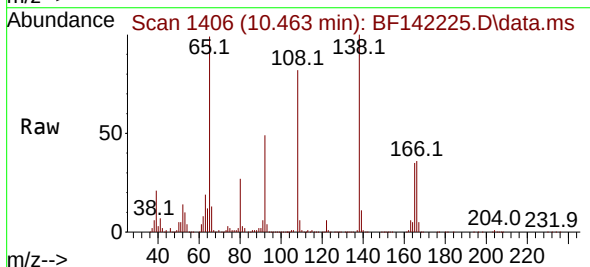
Instrument :
BNA_F
ClientSampleId :
ICVBF042325

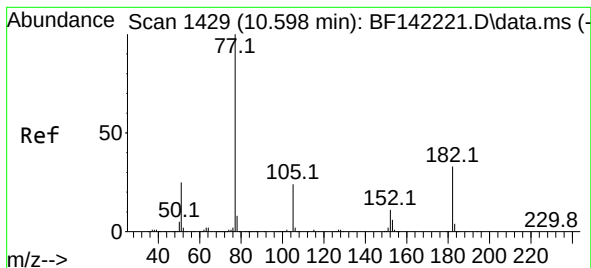
Tgt Ion:204 Resp: 1231962
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 61.6 46.4 69.6



#62
4-Nitroaniline
Concen: 39.808 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion:138 Resp: 531933
Ion Ratio Lower Upper
138 100
92 48.8 29.3 69.3
108 81.7 61.6 101.6





#63

Azobenzene

Concen: 39.183 ng

RT: 10.598 min Scan# 1429

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

Instrument :

BNA_F

ClientSampleId :

ICVBF042325

Tgt Ion: 77 Resp: 2014525

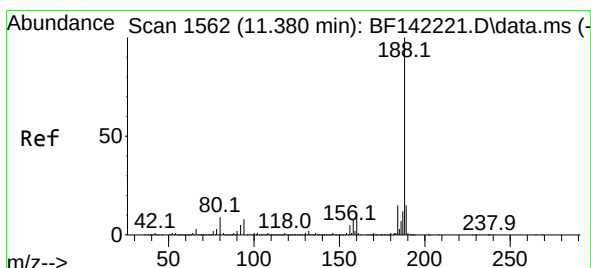
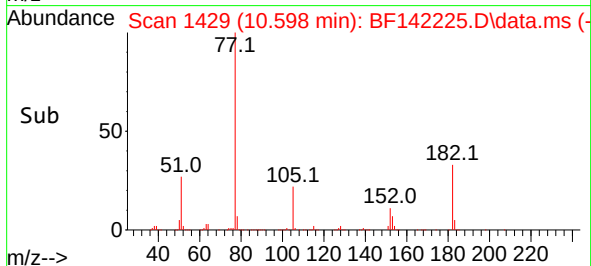
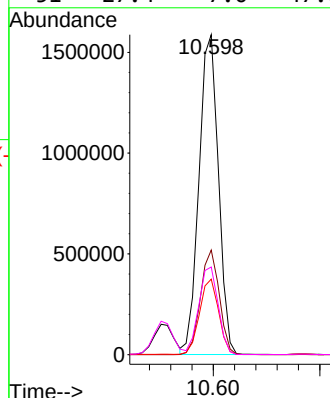
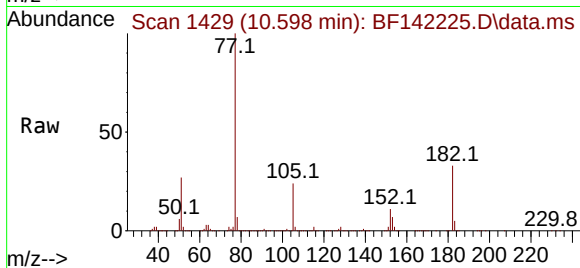
Ion Ratio Lower Upper

77 100

182 32.7 12.6 52.6

105 23.6 3.1 43.1

51 27.4 7.0 47.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1562

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

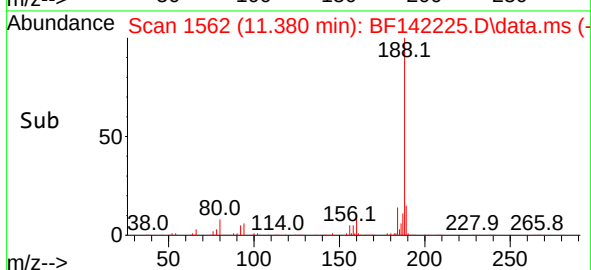
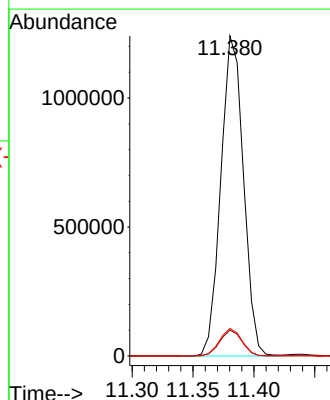
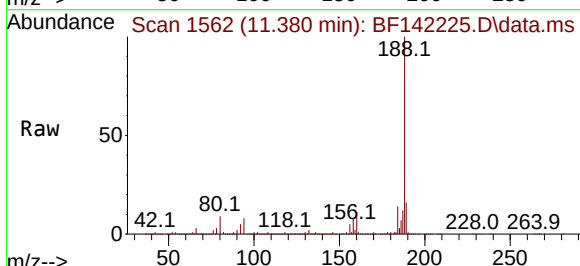
Tgt Ion: 188 Resp: 1603286

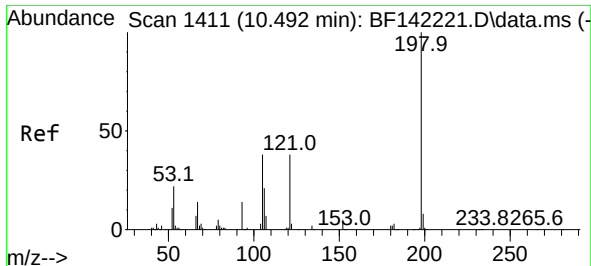
Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.6 7.0 10.6

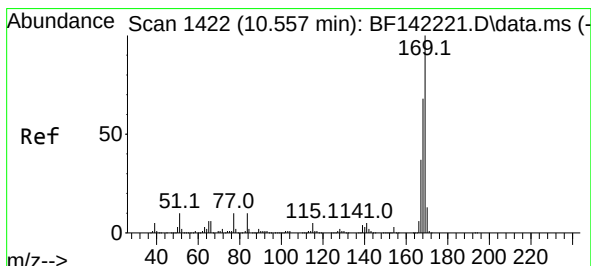
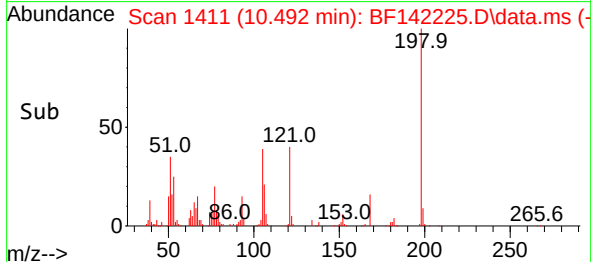
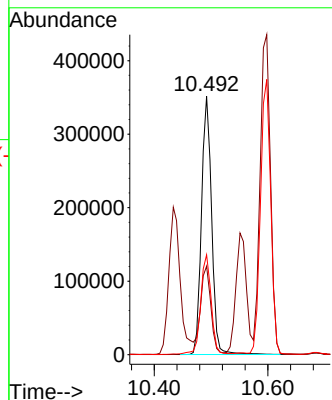
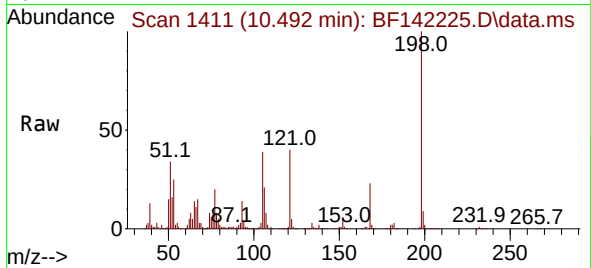




#65
4,6-Dinitro-2-methylphenol
Concen: 40.809 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

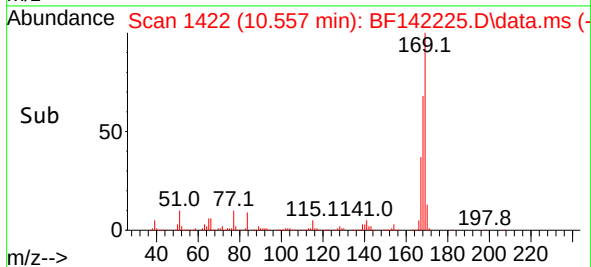
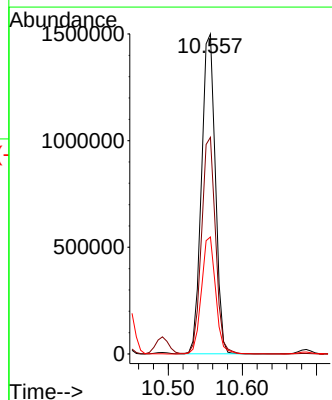
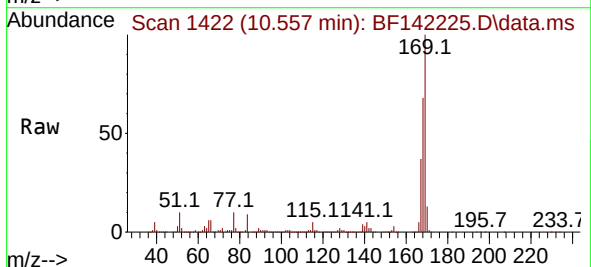
Instrument :
BNA_F
ClientSampleId :
ICVBF042325

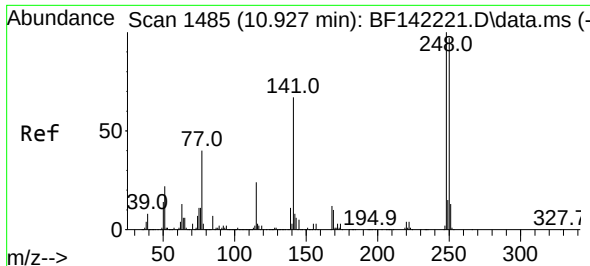
Tgt Ion:198 Resp: 436426
Ion Ratio Lower Upper
198 100
51 34.2 13.5 53.5
105 38.7 17.8 57.8



#66
n-Nitrosodiphenylamine
Concen: 39.545 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion:169 Resp: 1948047
Ion Ratio Lower Upper
169 100
168 67.7 54.2 81.4
167 36.5 29.4 44.0

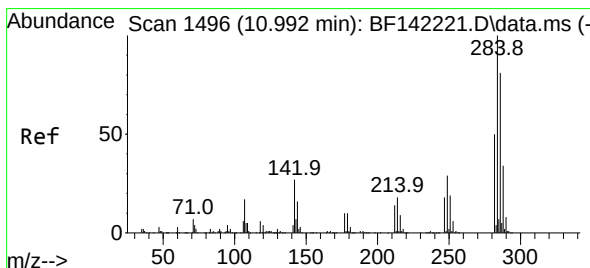
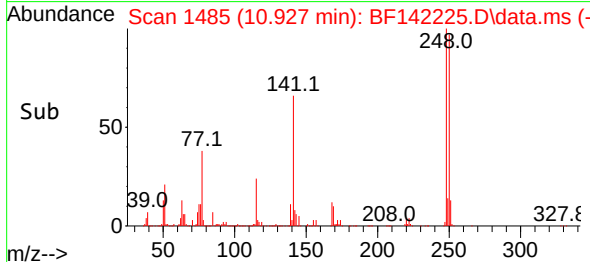
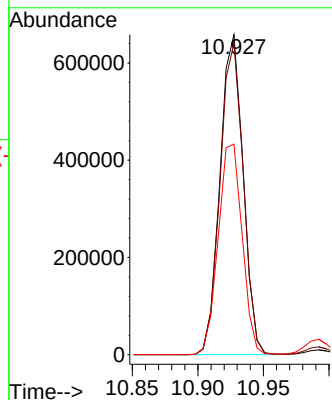
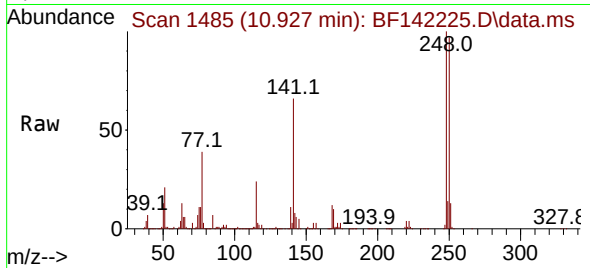




#67
4-Bromophenyl-phenylether
Concen: 40.173 ng
RT: 10.927 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

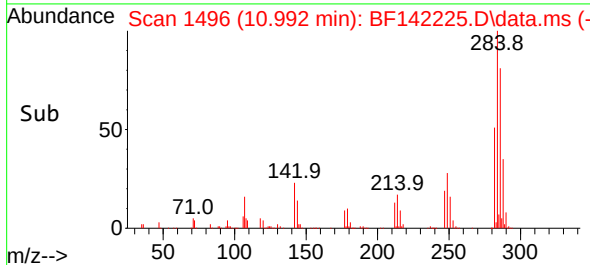
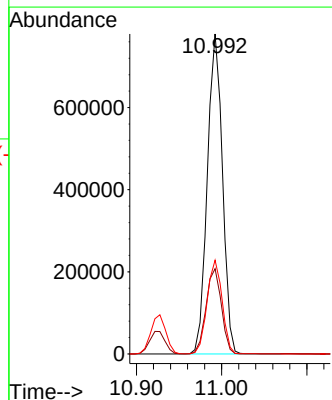
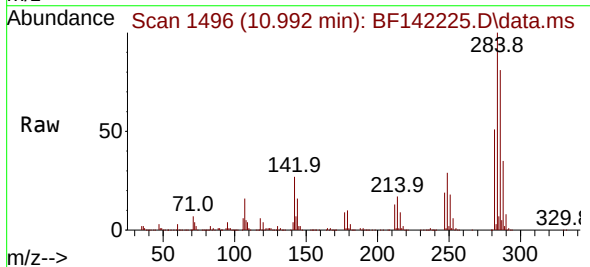
Instrument :
BNA_F
ClientSampleId :
ICVBF042325

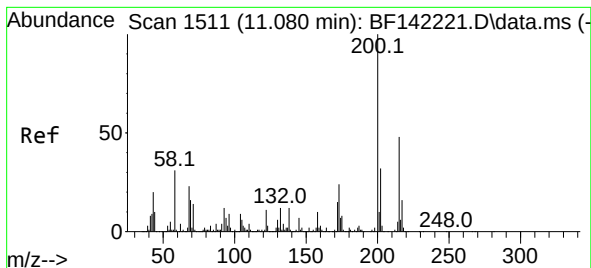
Tgt Ion:248 Resp: 808420
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 65.8 53.3 79.9



#68
Hexachlorobenzene
Concen: 40.223 ng
RT: 10.992 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion:284 Resp: 960950
Ion Ratio Lower Upper
284 100
142 26.6 21.7 32.5
249 29.3 23.4 35.2





#69

Atrazine

Concen: 33.914 ng

RT: 11.080 min Scan# 1511

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

Instrument :

BNA_F

ClientSampleId :

ICVBF042325

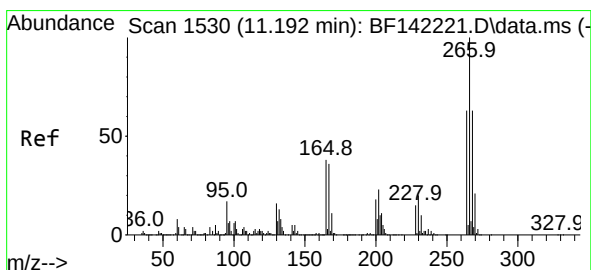
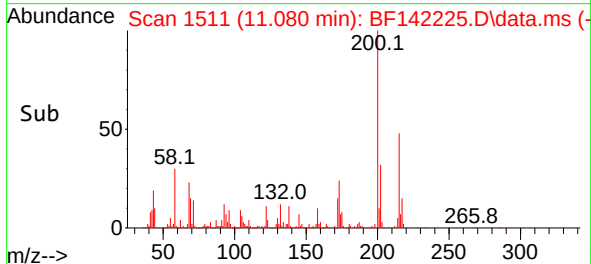
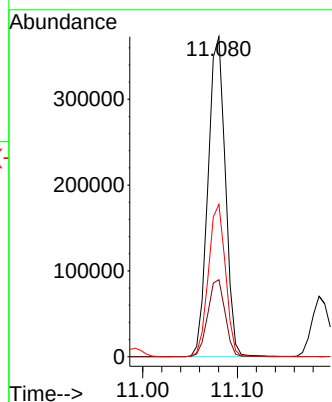
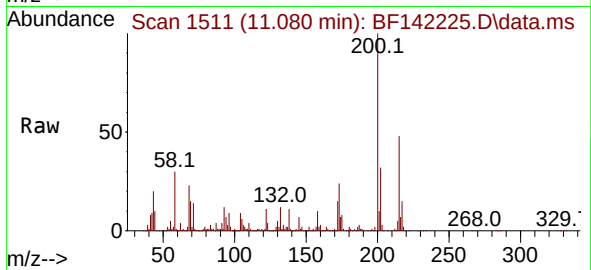
Tgt Ion:200 Resp: 473873

Ion Ratio Lower Upper

200 100

173 24.1 4.4 44.4

215 47.6 27.8 67.8



#70

Pentachlorophenol

Concen: 42.077 ng

RT: 11.186 min Scan# 1529

Delta R.T. -0.006 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

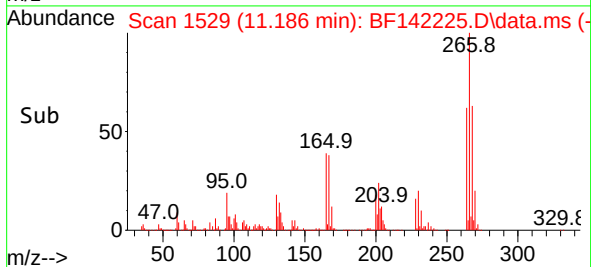
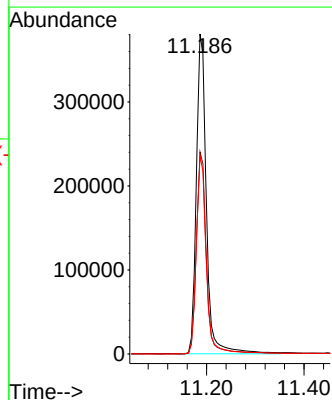
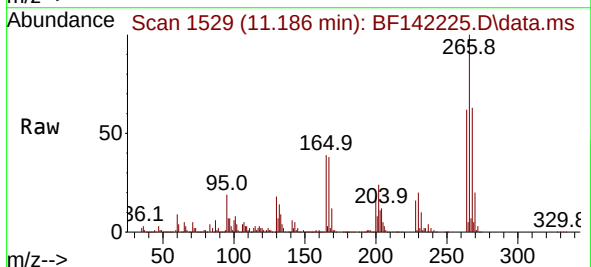
Tgt Ion:266 Resp: 548101

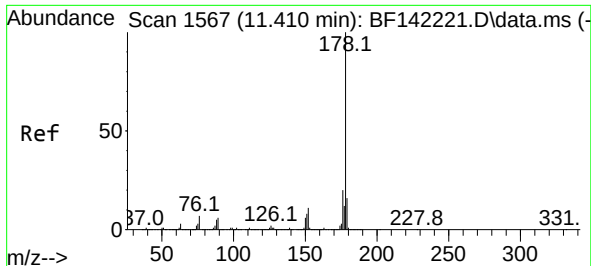
Ion Ratio Lower Upper

266 100

268 63.1 50.6 75.8

264 61.8 50.2 75.2

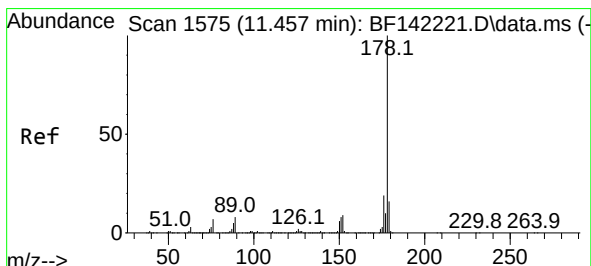
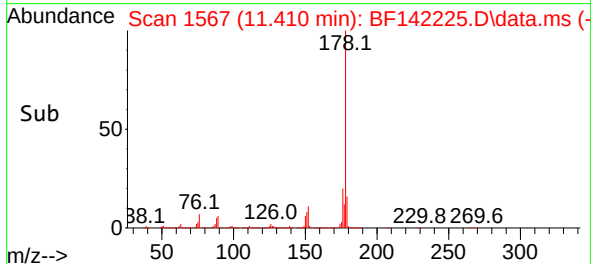
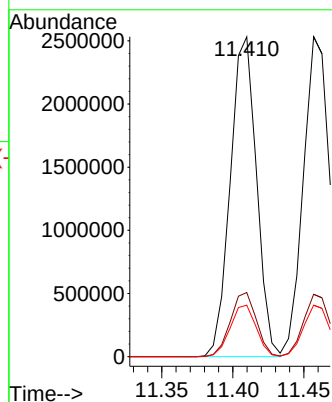
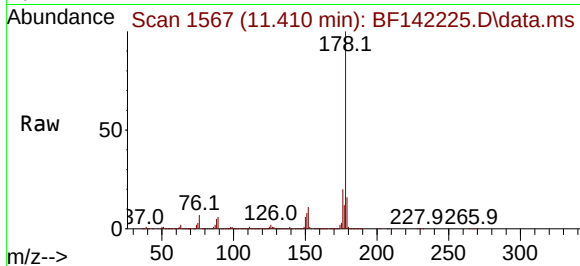




#71
Phenanthrene
Concen: 39.272 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

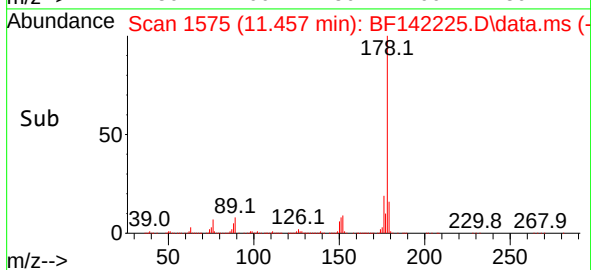
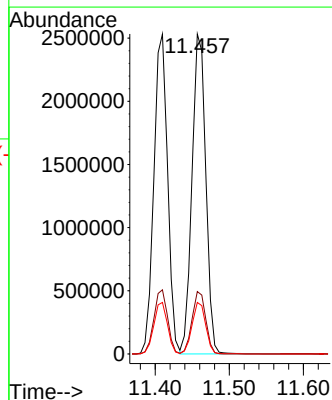
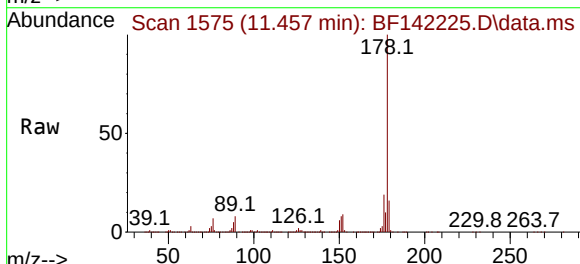
Instrument :
BNA_F
ClientSampleId :
ICVBF042325

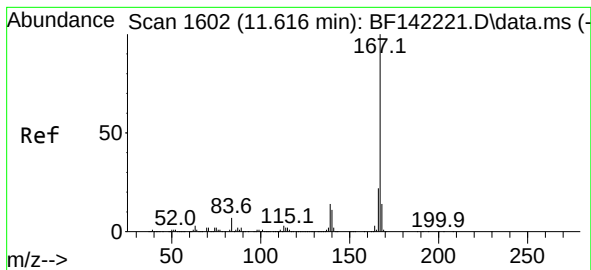
Tgt Ion:178 Resp: 3253286
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 16.1 13.0 19.6



#72
Anthracene
Concen: 39.408 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion:178 Resp: 3264796
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 16.1 12.9 19.3





#73

Carbazole

Concen: 38.956 ng

RT: 11.616 min Scan# 1602

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

Instrument :

BNA_F

ClientSampleId :

ICVBF042325

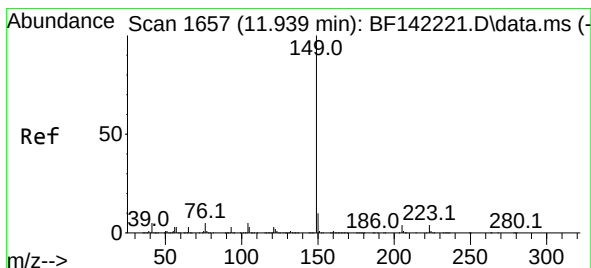
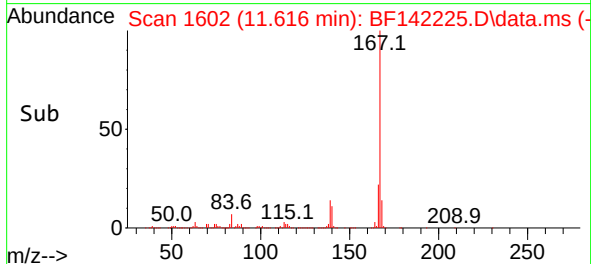
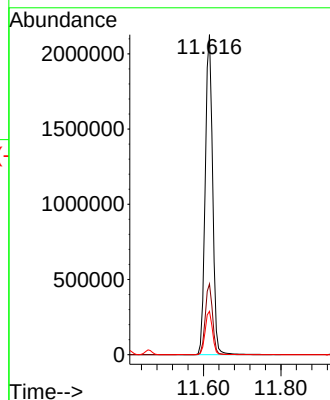
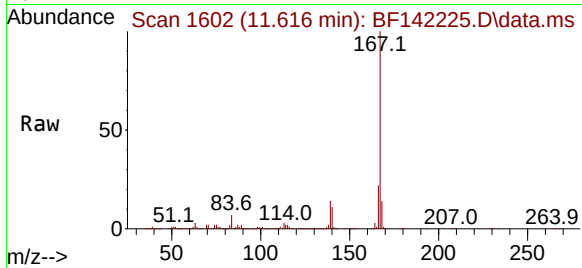
Tgt Ion:167 Resp: 2802295

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

139 13.6 11.0 16.4



#74

Di-n-butylphthalate

Concen: 39.325 ng

RT: 11.939 min Scan# 1657

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

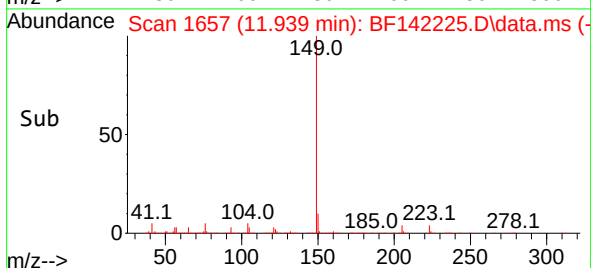
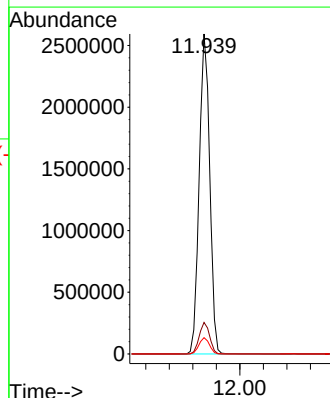
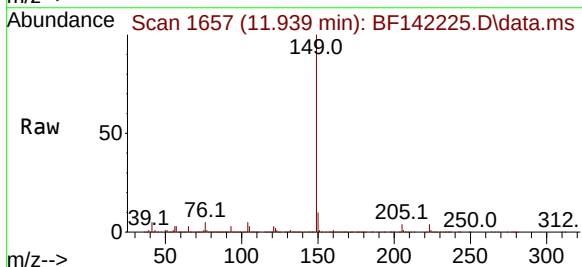
Tgt Ion:149 Resp: 3214530

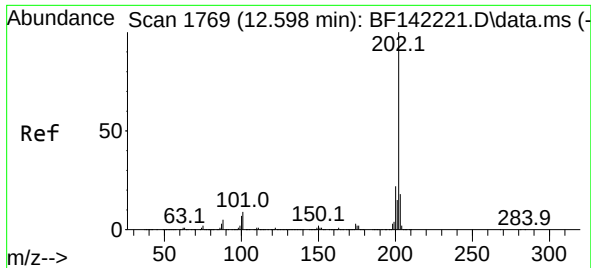
Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

104 5.1 4.1 6.1

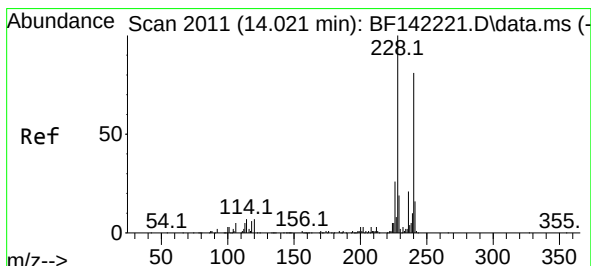
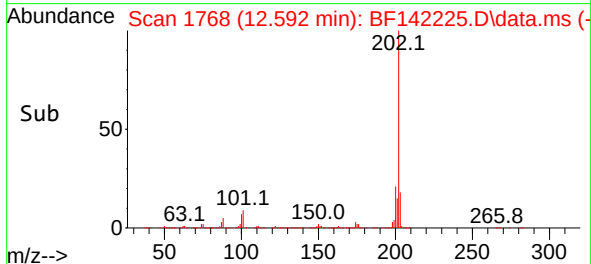
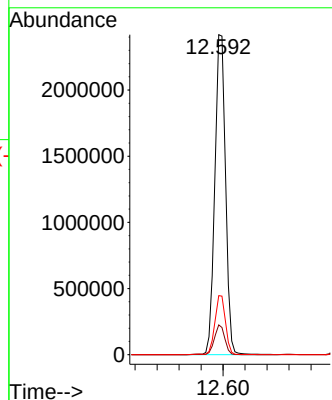
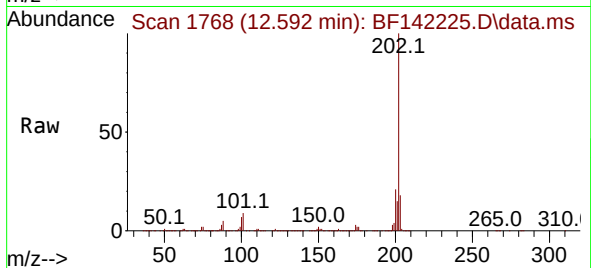




#75
Fluoranthene
Concen: 38.044 ng
RT: 12.592 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

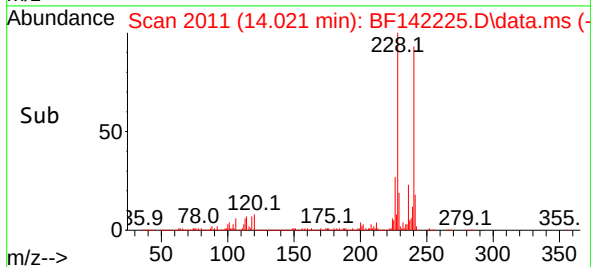
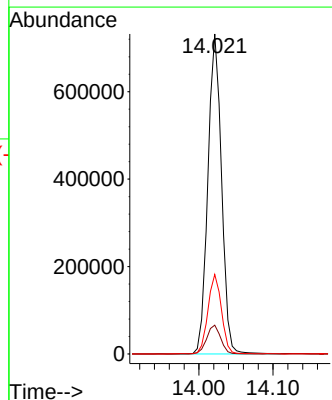
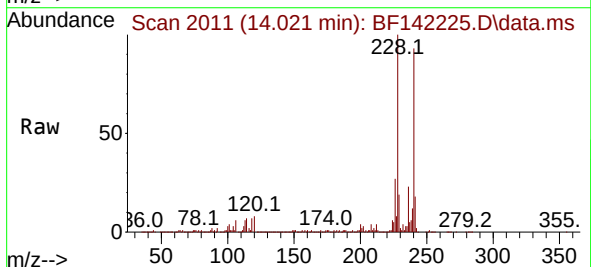
Instrument :
BNA_F
ClientSampleId :
ICVBF042325

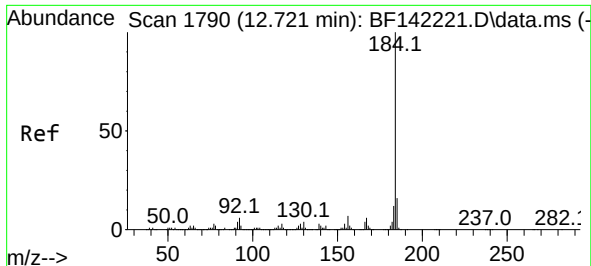
Tgt Ion:202 Resp: 3283935
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.0
203 18.5 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion:240 Resp: 935096
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 24.9 20.4 30.6

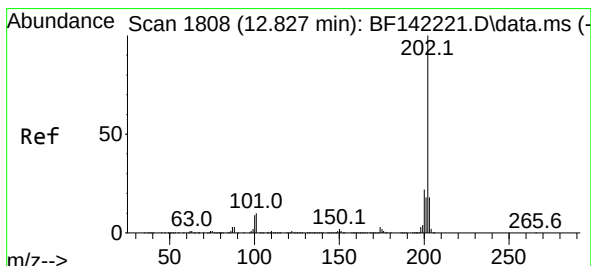
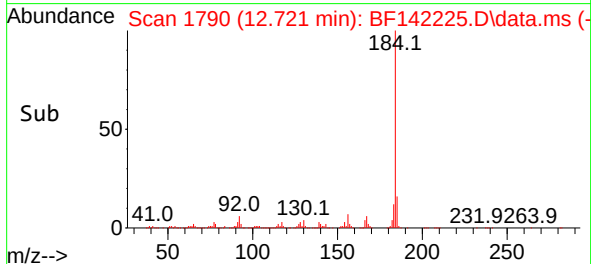
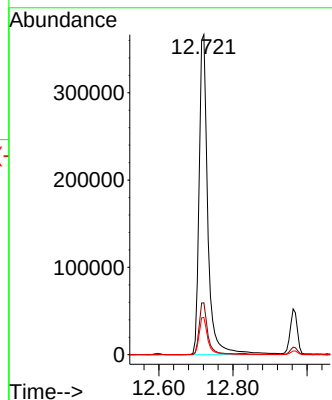
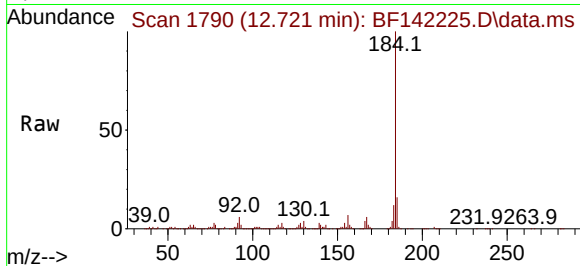




#77
Benzidine
Concen: 42.821 ng
RT: 12.721 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

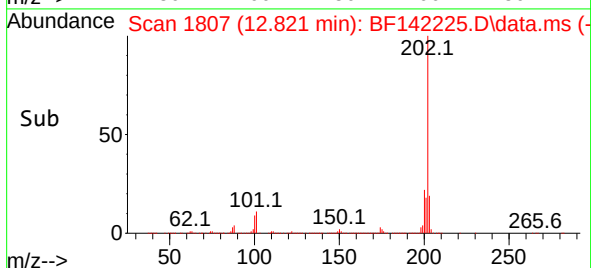
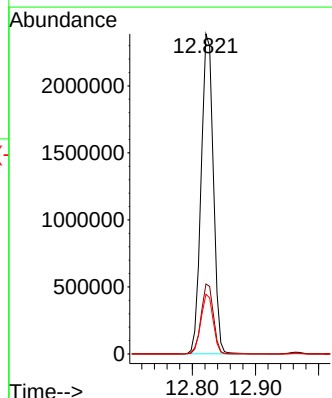
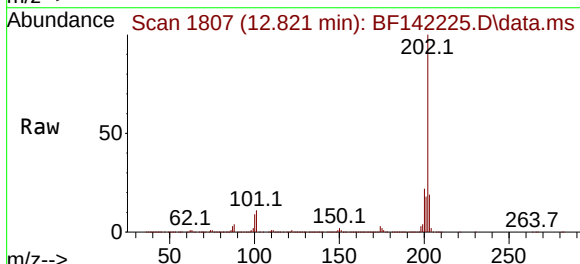
Instrument :
BNA_F
ClientSampleId :
ICVBF042325

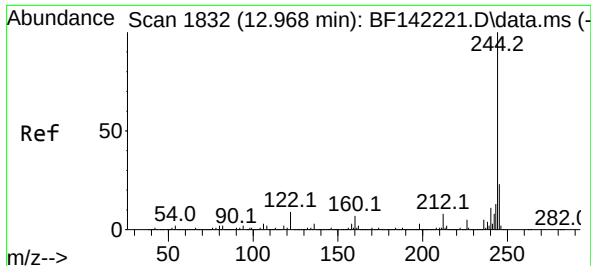
Tgt Ion:184 Resp: 597724
Ion Ratio Lower Upper
184 100
185 16.2 13.0 19.4
183 11.6 9.8 14.6



#78
Pyrene
Concen: 40.944 ng
RT: 12.821 min Scan# 1807
Delta R.T. -0.006 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion:202 Resp: 3196263
Ion Ratio Lower Upper
202 100
200 21.8 17.5 26.3
203 18.6 14.7 22.1

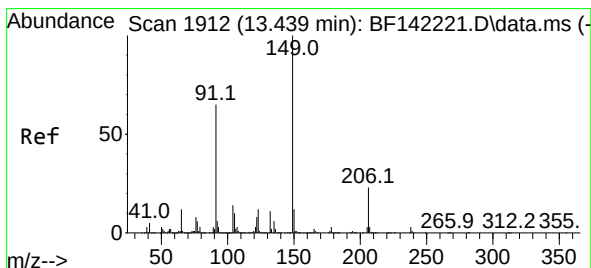
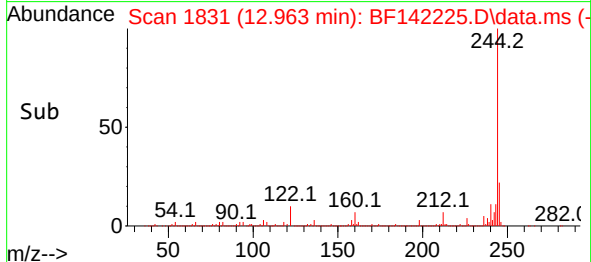
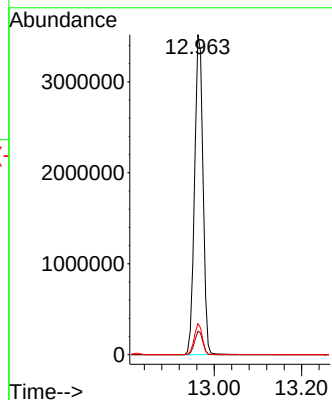
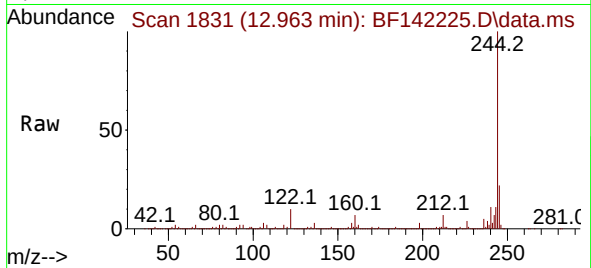




#79
 Terphenyl-d14
 Concen: 81.750 ng
 RT: 12.963 min Scan# 1832
 Delta R.T. -0.006 min
 Lab File: BF142225.D
 Acq: 23 Apr 2025 14:40

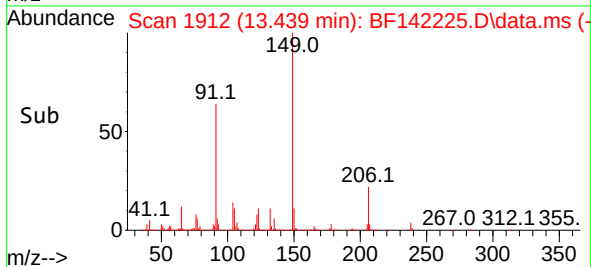
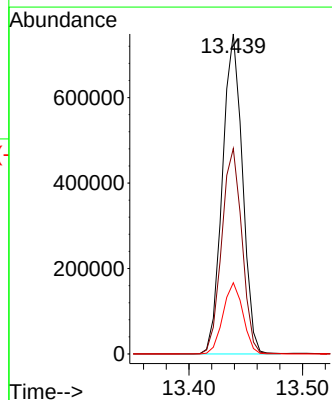
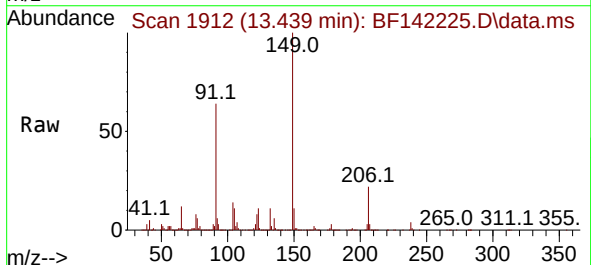
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042325

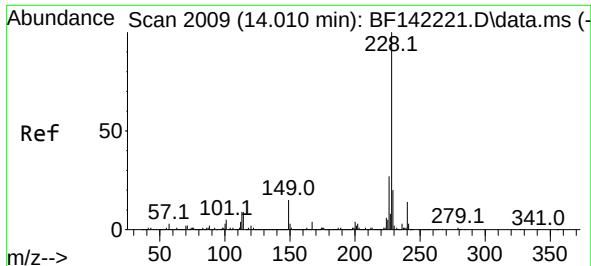
Tgt Ion:244 Resp: 4703452
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 9.7 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 40.646 ng
 RT: 13.439 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: BF142225.D
 Acq: 23 Apr 2025 14:40

Tgt Ion:149 Resp: 918678
 Ion Ratio Lower Upper
 149 100
 91 64.2 51.8 77.8
 206 22.3 18.2 27.4

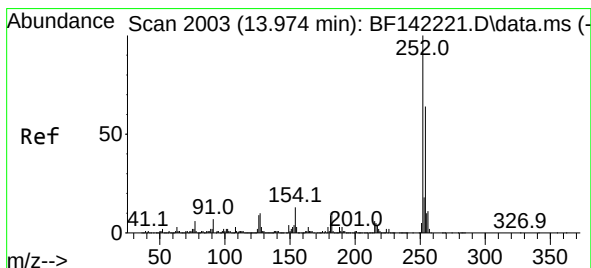
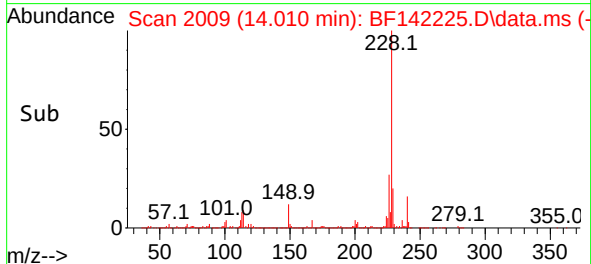
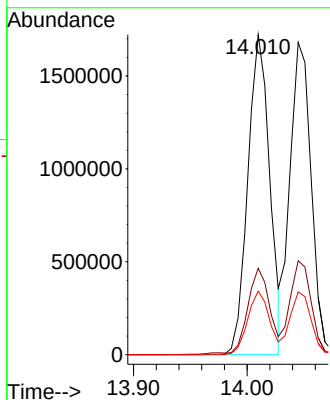
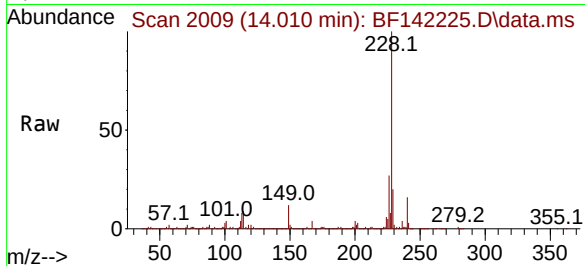




#81
Benzo(a)anthracene
Concen: 38.927 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

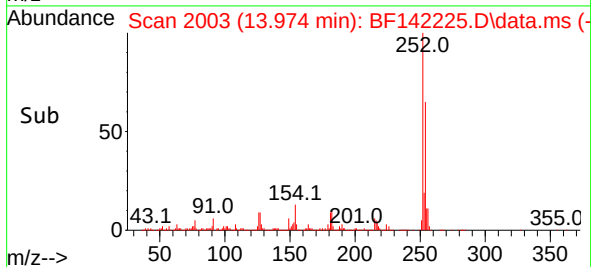
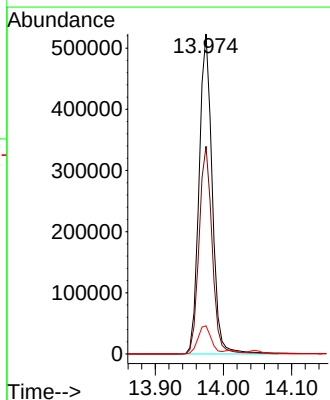
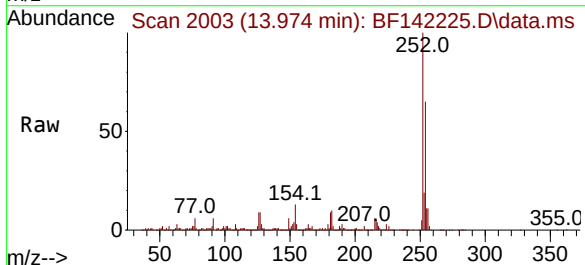
Instrument :
BNA_F
ClientSampleId :
ICVBF042325

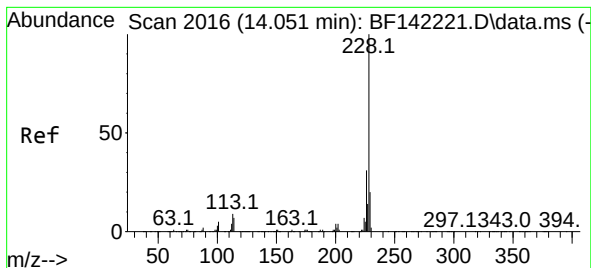
Tgt Ion:228 Resp: 2303780
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 38.740 ng
RT: 13.974 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BF142225.D
Acq: 23 Apr 2025 14:40

Tgt Ion:252 Resp: 698720
Ion Ratio Lower Upper
252 100
254 64.9 51.0 76.4
126 8.8 7.2 10.8





#83

Chrysene

Concen: 40.389 ng

RT: 14.045 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

Instrument :

BNA_F

ClientSampleId :

ICVBF042325

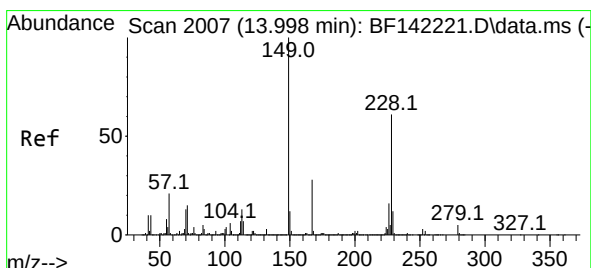
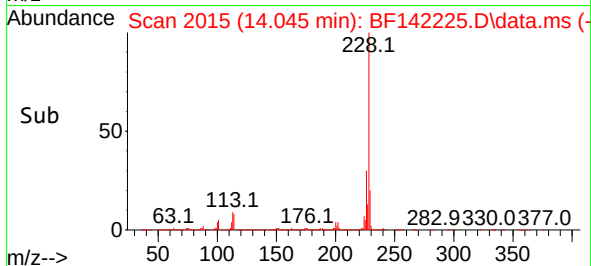
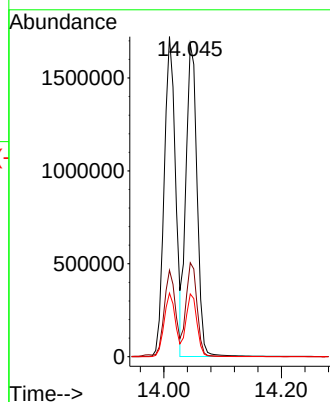
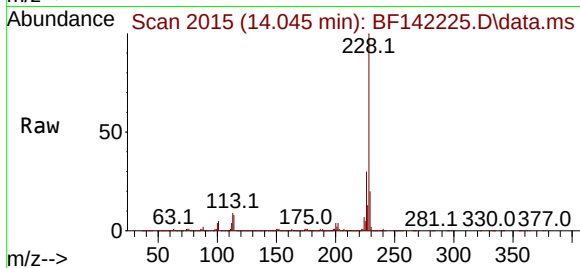
Tgt Ion:228 Resp: 2206815

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

229 20.1 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.700 ng

RT: 13.998 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

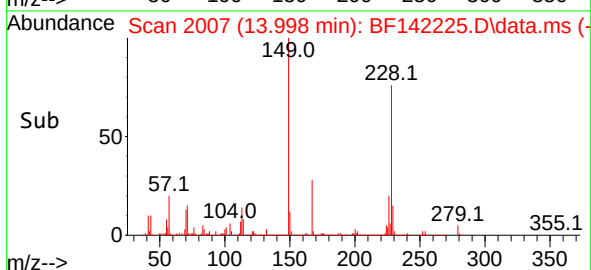
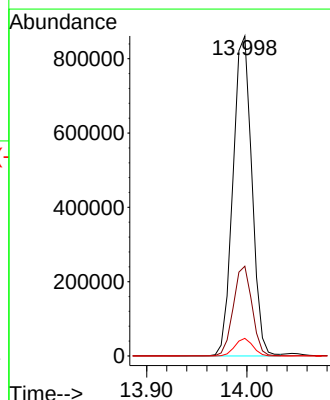
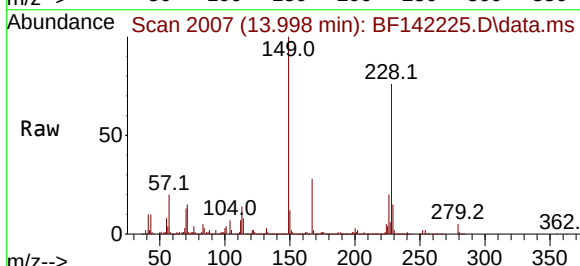
Tgt Ion:149 Resp: 1125323

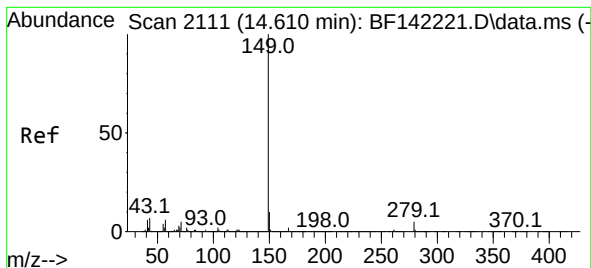
Ion Ratio Lower Upper

149 100

167 28.1 22.3 33.5

279 5.5 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 41.719 ng

RT: 14.610 min Scan# 2111

Delta R.T. -0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

Instrument :

BNA_F

ClientSampleId :

ICVBF042325

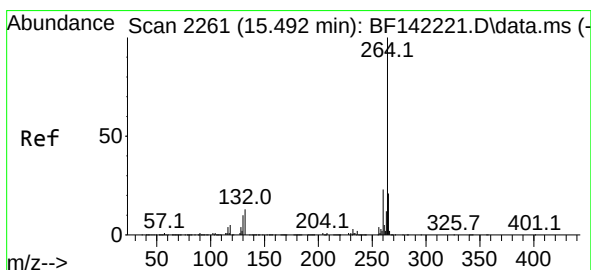
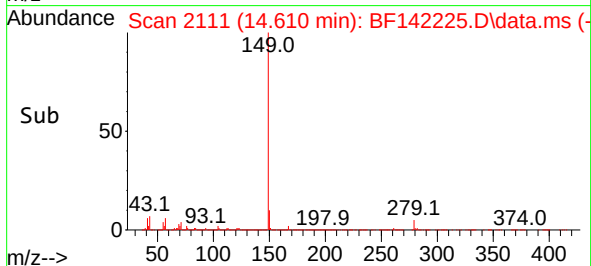
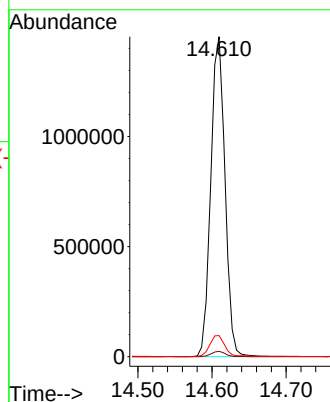
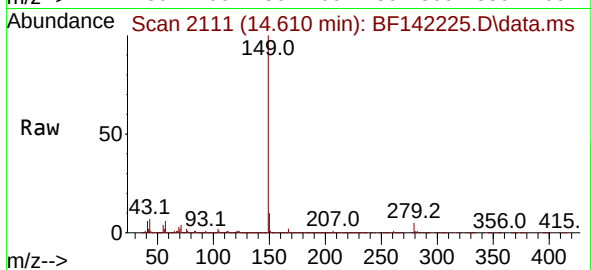
Tgt Ion:149 Resp: 1932267

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.0 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

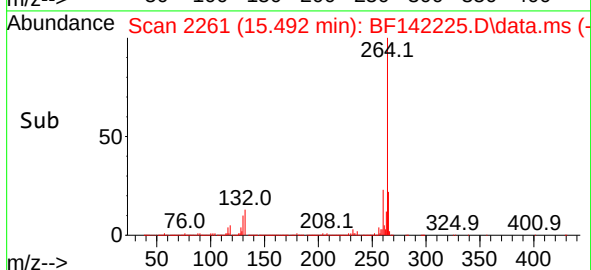
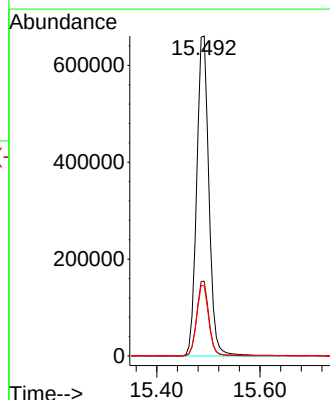
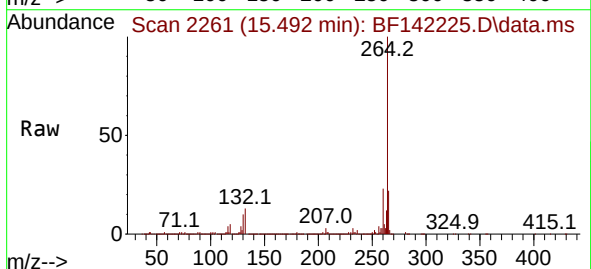
Tgt Ion:264 Resp: 1083531

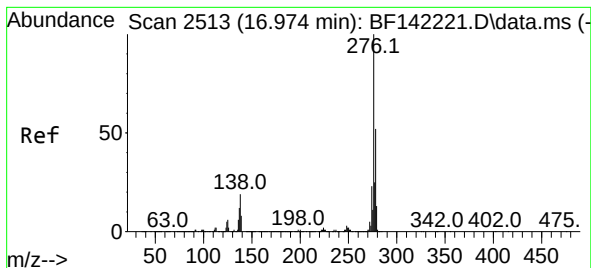
Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.9 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.392 ng

RT: 16.974 min Scan# 2513

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

Instrument :

BNA_F

ClientSampleId :

ICVBF042325

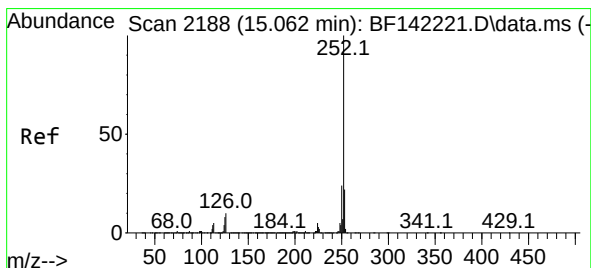
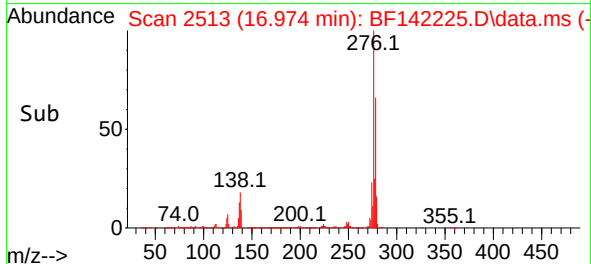
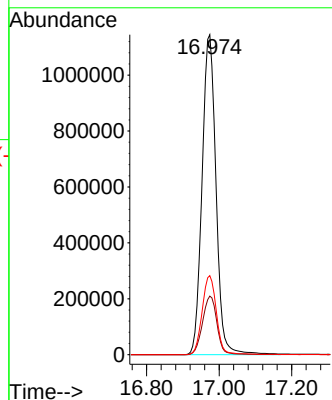
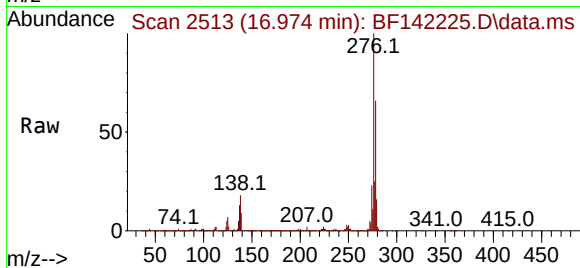
Tgt Ion:276 Resp: 3057512

Ion Ratio Lower Upper

276 100

138 19.1 15.8 23.8

277 25.2 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 39.285 ng

RT: 15.062 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

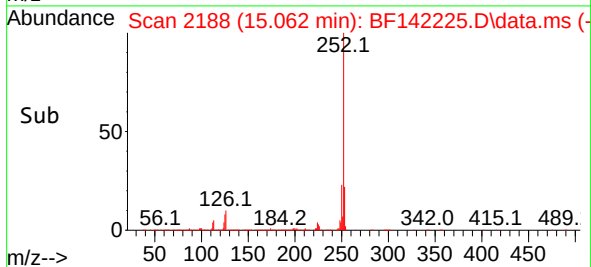
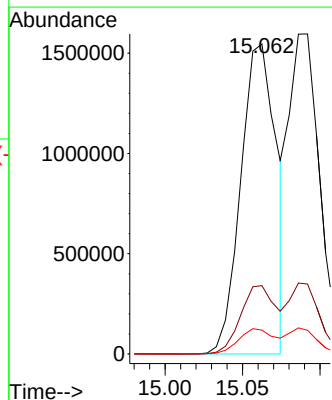
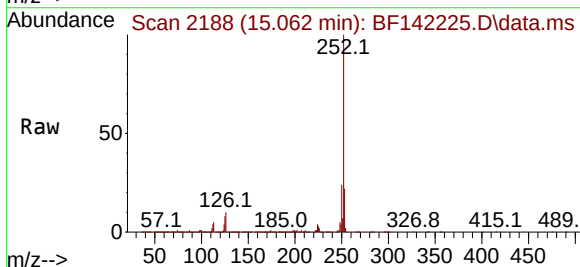
Tgt Ion:252 Resp: 2463756

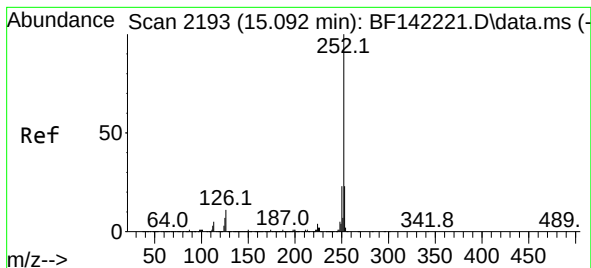
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 7.7 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 38.757 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

Instrument :

BNA_F

ClientSampleId :

ICVBF042325

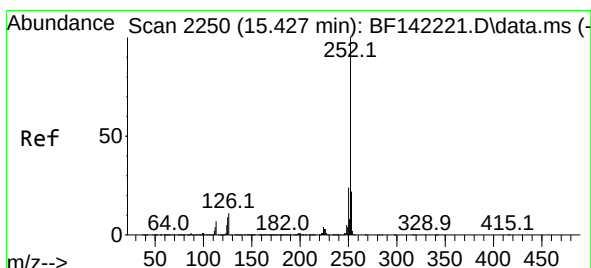
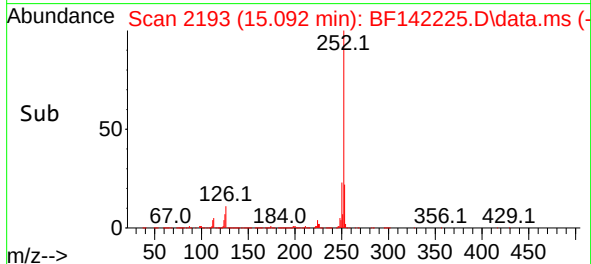
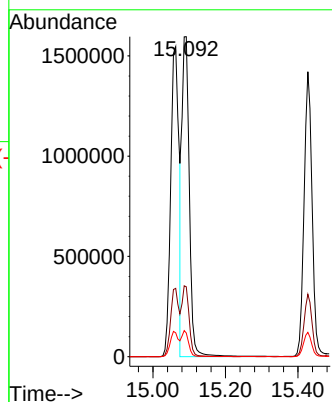
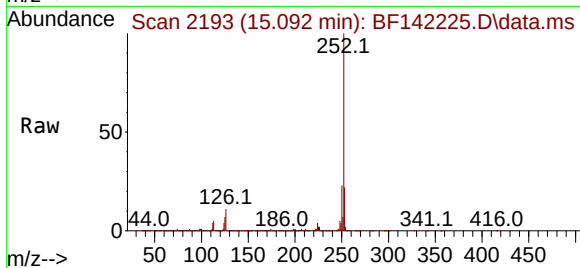
Tgt Ion:252 Resp: 2257443

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 7.4 5.9 8.9



#90

Benzo(a)pyrene

Concen: 39.548 ng

RT: 15.427 min Scan# 2250

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

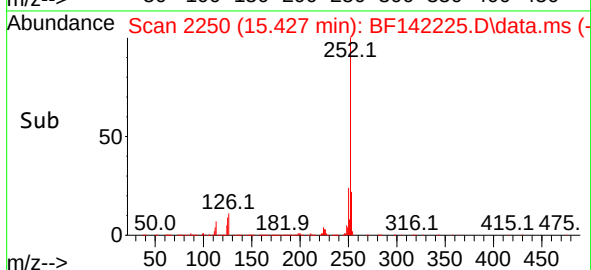
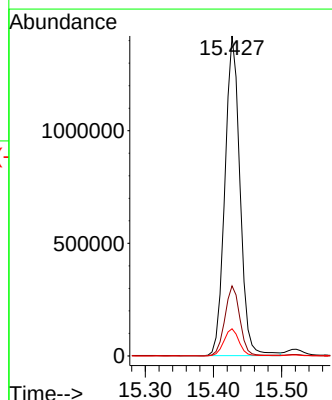
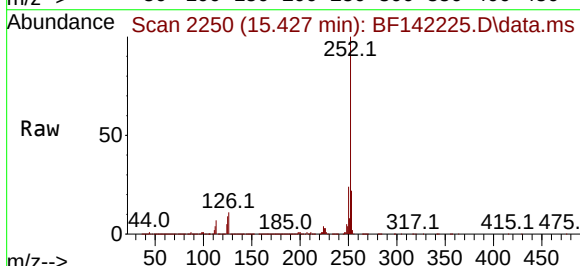
Tgt Ion:252 Resp: 2188865

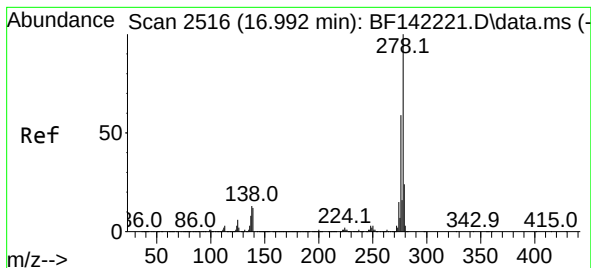
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 8.5 7.2 10.8





#91

Dibenzo(a,h)anthracene

Concen: 39.582 ng

RT: 16.986 min Scan# 2515

Delta R.T. -0.006 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

Instrument :

BNA_F

ClientSampleId :

ICVBF042325

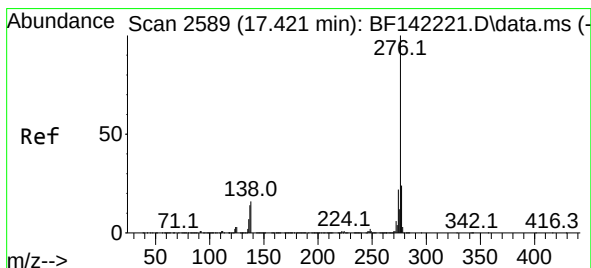
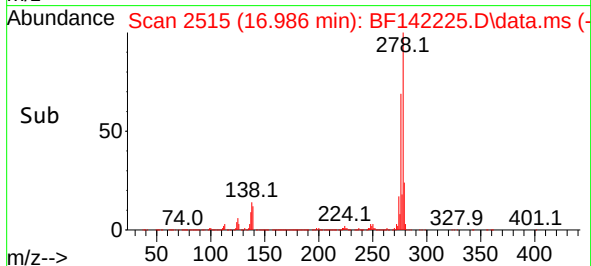
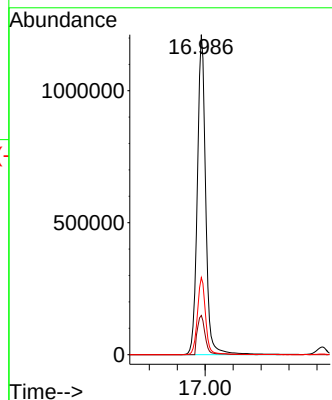
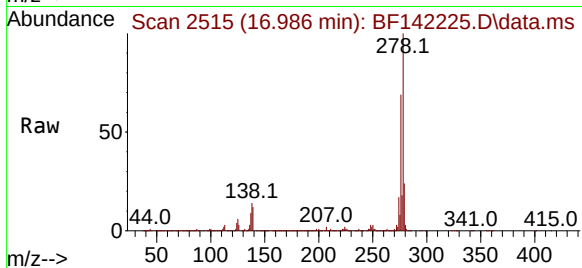
Tgt Ion:278 Resp: 2515981

Ion Ratio Lower Upper

278 100

139 12.3 9.7 14.5

279 24.1 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 38.663 ng

RT: 17.421 min Scan# 2589

Delta R.T. 0.000 min

Lab File: BF142225.D

Acq: 23 Apr 2025 14:40

Tgt Ion:276 Resp: 2550177

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.6

138 16.1 13.0 19.4

