

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
 Data File : BF142303.D
 Acq On : 05 May 2025 18:13
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050525

Quant Time: May 05 18:41:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	230180	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	893807	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	478877	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	810843	20.000	ng	0.00
76) Chrysene-d12	14.074	240	446151	20.000	ng	0.00
86) Perylene-d12	15.563	264	447218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1038606	77.026	ng	0.00
7) Phenol-d6	6.522	99	1267516	76.429	ng	0.00
23) Nitrobenzene-d5	7.469	82	1224734	83.567	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	384712	83.209	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2396964	71.371	ng	0.00
79) Terphenyl-d14	13.016	244	2301923	76.366	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	231020	38.046	ng	99
3) Pyridine	3.452	79	584384	40.992	ng	99
4) n-Nitrosodimethylamine	3.405	42	317717	38.346	ng	100
6) Aniline	6.569	93	686015	42.173	ng	99
8) 2-Chlorophenol	6.687	128	572045	39.701	ng	100
9) Benzaldehyde	6.457	77	330476	34.048	ng	100
10) Phenol	6.540	94	715941	40.645	ng	98
11) bis(2-Chloroethyl)ether	6.640	93	583659	33.668	ng	99
12) 1,3-Dichlorobenzene	6.845	146	616110	37.375	ng	99
13) 1,4-Dichlorobenzene	6.922	146	623676	37.681	ng	99
14) 1,2-Dichlorobenzene	7.075	146	600086	37.772	ng	99
15) Benzyl Alcohol	7.045	79	436337	40.632	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	983896	38.006	ng	100
17) 2-Methylphenol	7.151	107	454505	38.961	ng	100
18) Hexachloroethane	7.422	117	218260	39.633	ng	100
19) n-Nitroso-di-n-propyla...	7.322	70	394300	38.437	ng	98
20) 3+4-Methylphenols	7.304	107	569096	39.089	ng	97
22) Acetophenone	7.316	105	745621	37.519	ng	99
24) Nitrobenzene	7.487	77	572370	41.431	ng	99
25) Isophorone	7.728	82	1066427	38.426	ng	99
26) 2-Nitrophenol	7.804	139	276219	42.037	ng	99
27) 2,4-Dimethylphenol	7.834	122	542819	38.903	ng	98
28) bis(2-Chloroethoxy)met...	7.934	93	681438	38.186	ng	99
29) 2,4-Dichlorophenol	8.039	162	482996	40.715	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	500471	37.487	ng	99
31) Naphthalene	8.210	128	1645769	37.992	ng	100
32) Benzoic acid	7.939	122	282406	39.978	ng	98
33) 4-Chloroaniline	8.257	127	370214	20.954	ng	100
34) Hexachlorobutadiene	8.328	225	304456	38.512	ng	100
35) Caprolactam	8.622	113	143456	41.494	ng	96
36) 4-Chloro-3-methylphenol	8.728	107	489740	39.715	ng	99
37) 2-Methylnaphthalene	8.898	142	1013246	37.643	ng	98
38) 1-Methylnaphthalene	8.998	142	1052686	37.522	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	502278	37.555	ng	99
41) Hexachlorocyclopentadiene	9.057	237	347327	42.020	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	347673	41.212	ng	99

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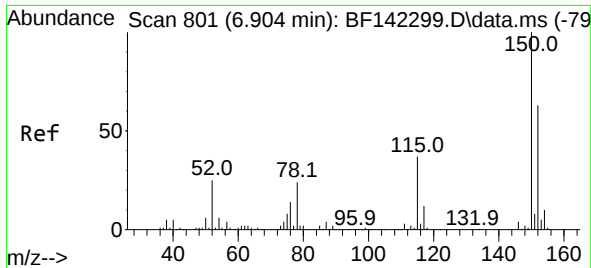
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	358022	39.886	ng	99
46) 1,1'-Biphenyl	9.363	154	1368945	37.283	ng	100
47) 2-Chloronaphthalene	9.392	162	1019130	37.323	ng	100
48) 2-Nitroaniline	9.481	65	312727	44.681	ng	99
49) Acenaphthylene	9.804	152	1728165	37.833	ng	100
50) Dimethylphthalate	9.663	163	1173252	38.154	ng	100
51) 2,6-Dinitrotoluene	9.722	165	257792	44.788	ng	96
52) Acenaphthene	9.981	154	1029833	37.495	ng	99
53) 3-Nitroaniline	9.898	138	291556	43.190	ng	95
54) 2,4-Dinitrophenol	9.992	184	114850	42.149	ng	85
55) Dibenzofuran	10.151	168	1506186	37.158	ng	99
56) 4-Nitrophenol	10.039	139	225481	44.381	ng	98
57) 2,4-Dinitrotoluene	10.128	165	334070	45.248	ng	97
58) Fluorene	10.492	166	1135685	36.712	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	308477	41.630	ng	99
60) Diethylphthalate	10.363	149	1168902	38.064	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	549616	36.826	ng	99
62) 4-Nitroaniline	10.504	138	210408	39.327	ng	99
63) Azobenzene	10.645	77	1112390	37.908	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	152861	41.574	ng	99
66) n-Nitrosodiphenylamine	10.604	169	1027891	38.096	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	352033	38.308	ng	99
68) Hexachlorobenzene	11.039	284	386876	38.273	ng	98
69) Atrazine	11.128	200	291834	41.032	ng	99
70) Pentachlorophenol	11.228	266	233208	43.855	ng	98
71) Phenanthrene	11.457	178	1591319	37.441	ng	100
72) Anthracene	11.510	178	1633756	37.410	ng	100
73) Carbazole	11.657	167	1466436	37.428	ng	100
74) Di-n-butylphthalate	11.992	149	1635344	39.694	ng	100
75) Fluoranthene	12.645	202	1560552	36.731	ng	100
77) Benzidine	12.769	184	349742	43.136	ng	100
78) Pyrene	12.874	202	1553540	39.120	ng	100
80) Butylbenzylphthalate	13.492	149	451916	39.681	ng	99
81) Benzo(a)anthracene	14.063	228	1121831	38.827	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	278603	41.464	ng	100
83) Chrysene	14.098	228	987170	36.701	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	576295	39.051	ng	99
85) Di-n-octyl phthalate	14.668	149	1053573	40.234	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	1258449	40.452	ng	100
88) Benzo(b)fluoranthene	15.121	252	1055207	38.957	ng	99
89) Benzo(k)fluoranthene	15.151	252	885574	35.727	ng	99
90) Benzo(a)pyrene	15.498	252	943474	38.871	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	1030211	40.084	ng	100
92) Benzo(g,h,i)perylene	17.533	276	1024727	40.171	ng	98

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

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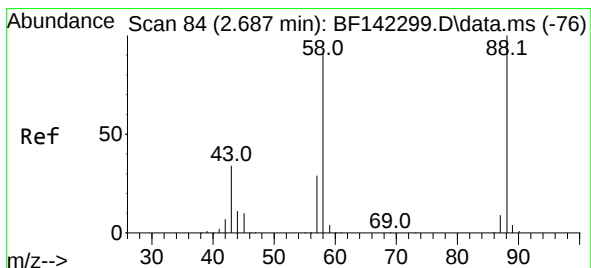
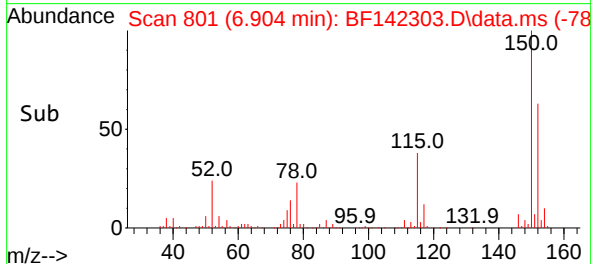
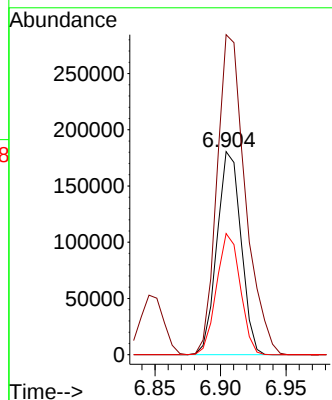
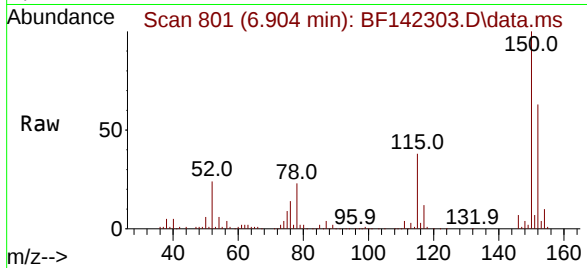




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142303.D
 Acq: 05 May 2025 18:13

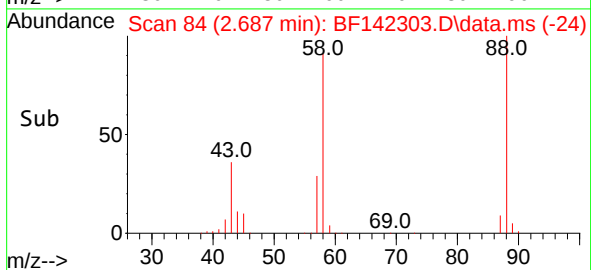
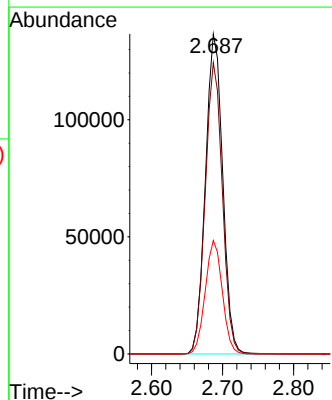
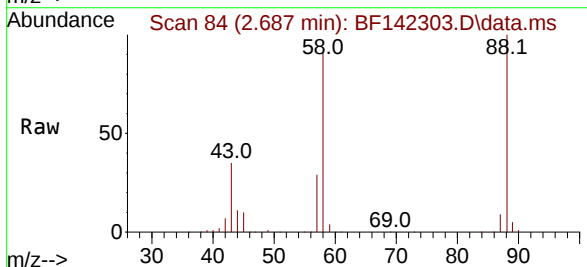
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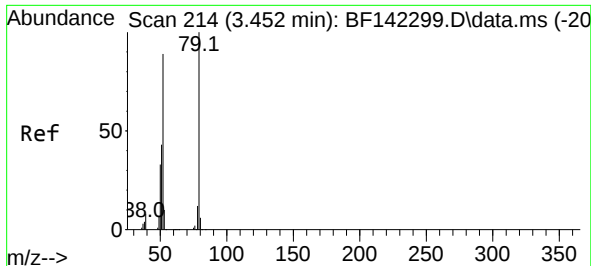
Tgt Ion:152 Resp: 230180
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.6 190.0
 115 59.7 47.3 70.9



#2
 1,4-Dioxane
 Concen: 38.046 ng
 RT: 2.687 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: BF142303.D
 Acq: 05 May 2025 18:13

Tgt Ion: 88 Resp: 231020
 Ion Ratio Lower Upper
 88 100
 58 90.4 73.0 109.4
 43 35.1 27.8 41.6

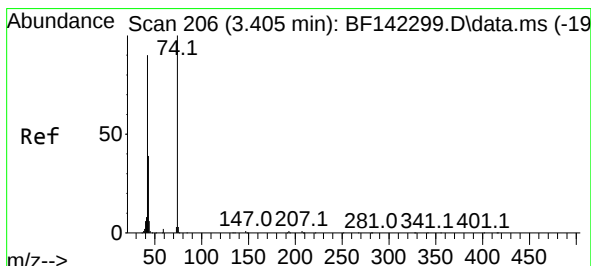
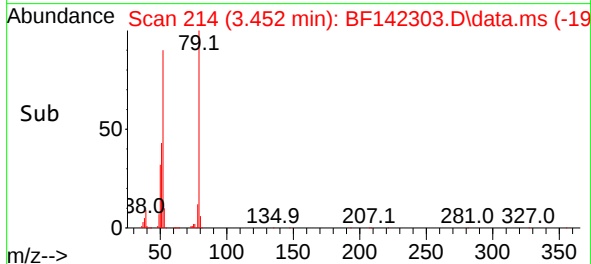
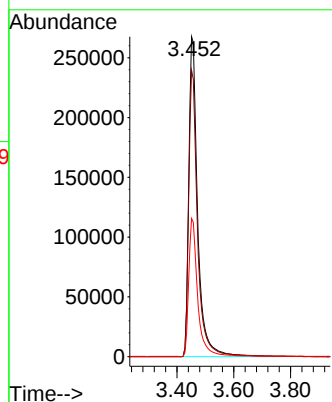
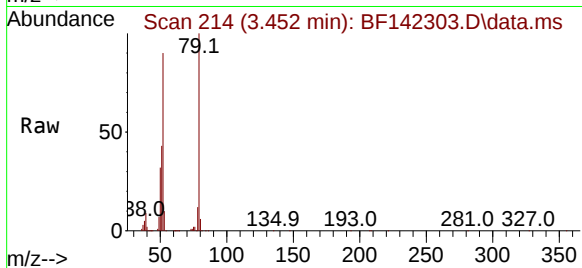




#3
Pyridine
Concen: 40.992 ng
RT: 3.452 min Scan# 214
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

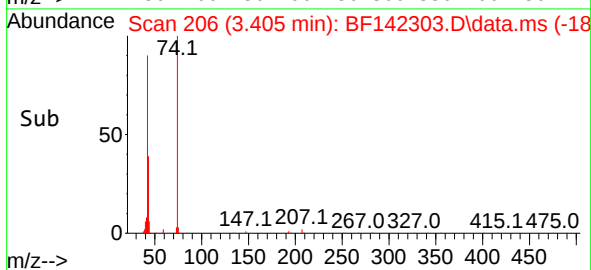
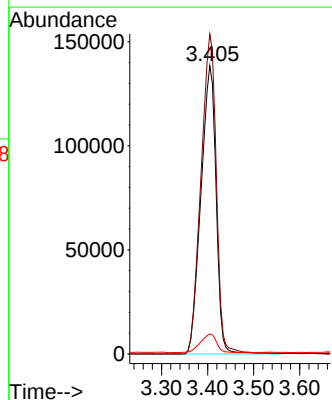
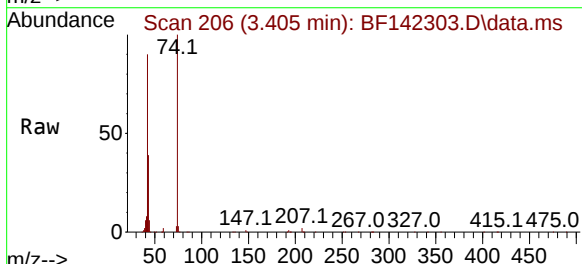
Instrument :
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Tgt Ion: 79 Resp: 584384
Ion Ratio Lower Upper
79 100
52 89.5 71.0 106.4
51 43.2 34.9 52.3



#4
n-Nitrosodimethylamine
Concen: 38.346 ng
RT: 3.405 min Scan# 206
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 42 Resp: 317717
Ion Ratio Lower Upper
42 100
74 111.0 88.5 132.7
44 6.9 5.8 8.8

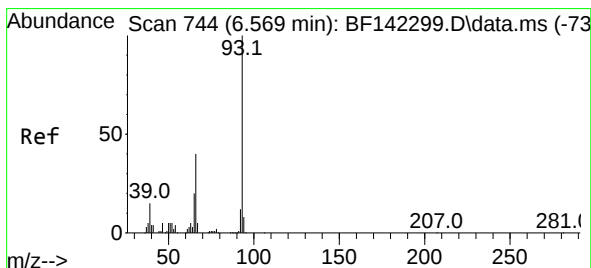
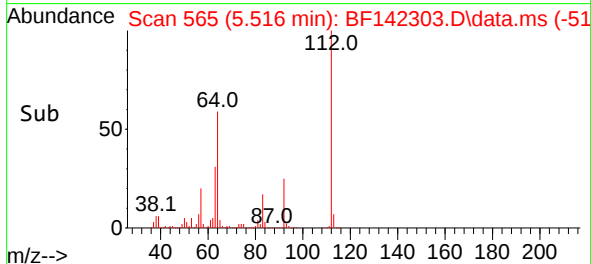
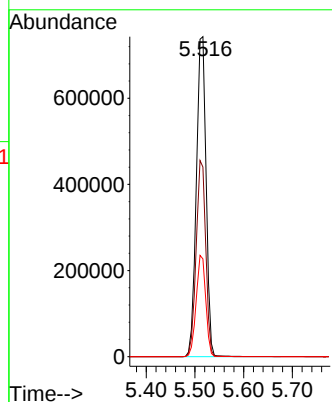
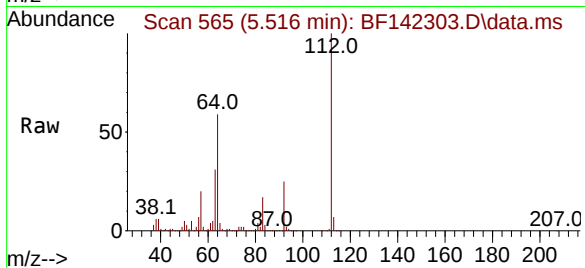




#5
2-Fluorophenol
Concen: 77.026 ng
RT: 5.516 min Scan# 506
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

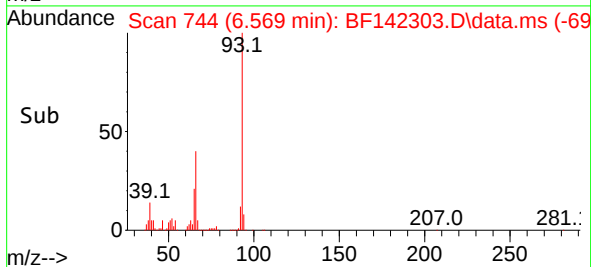
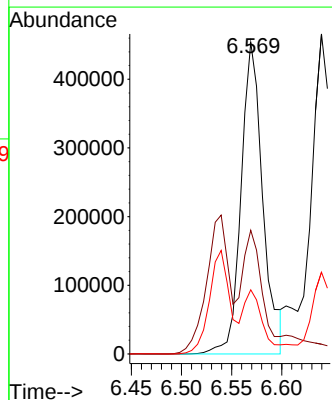
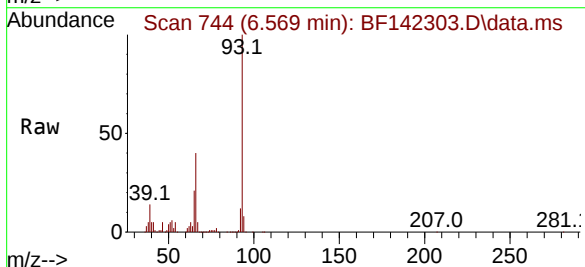
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ClientSampleId :
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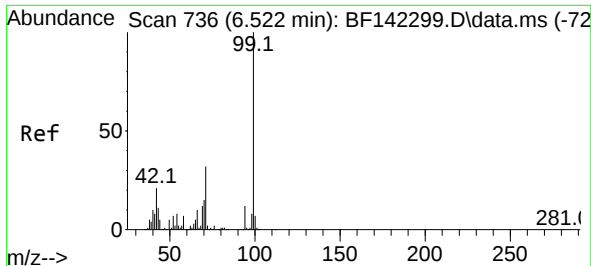
Tgt Ion:112 Resp: 1038606
Ion Ratio Lower Upper
112 100
64 59.2 48.9 73.3
63 30.6 25.6 38.4



#6
Aniline
Concen: 42.173 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 93 Resp: 686015
Ion Ratio Lower Upper
93 100
66 39.7 32.2 48.4
65 20.6 16.3 24.5

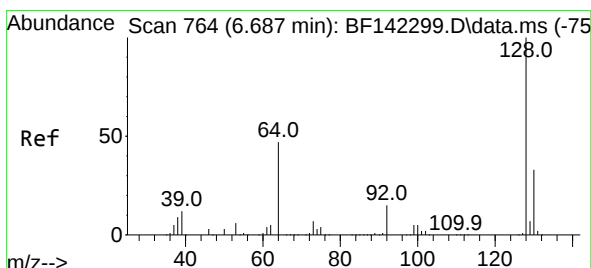
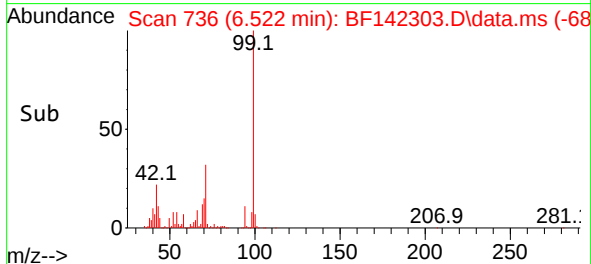
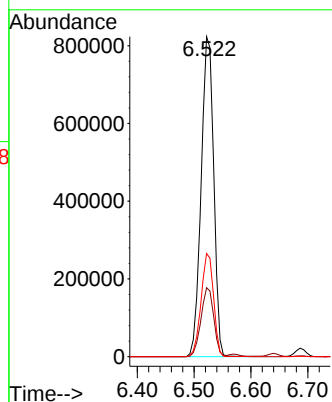
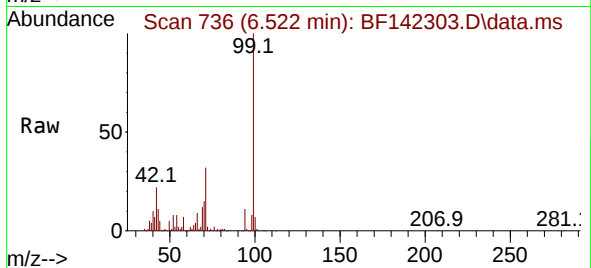




#7
Phenol-d6
Concen: 76.429 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

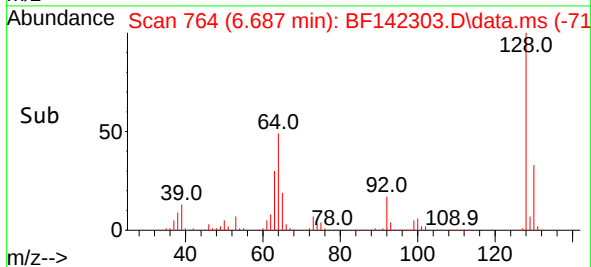
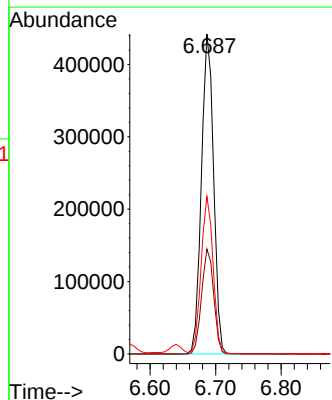
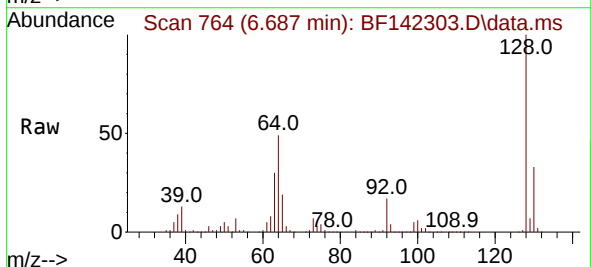
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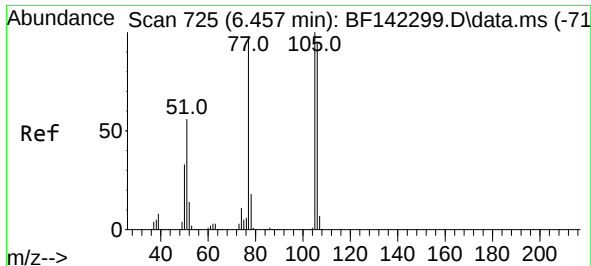
Tgt Ion: 99 Resp: 1267516
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.4
71 32.2 25.8 38.8



#8
2-Chlorophenol
Concen: 39.701 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142303.D
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Tgt Ion: 128 Resp: 572045
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 49.2 29.2 69.2

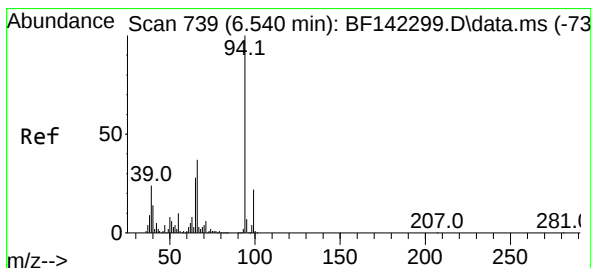
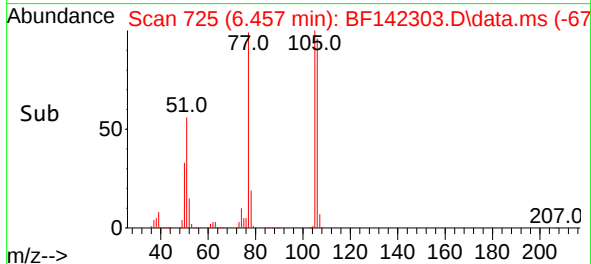
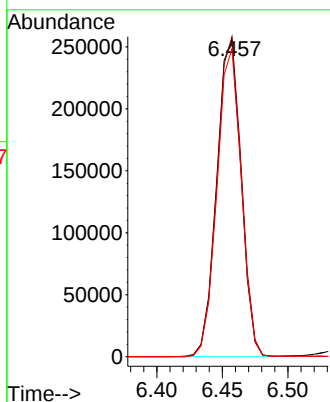
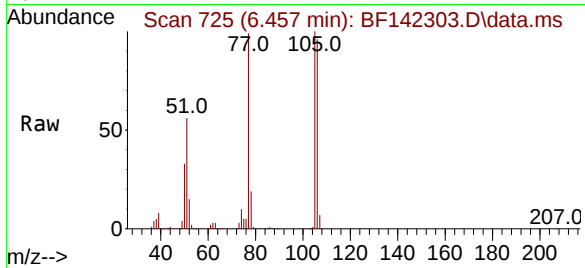




#9
Benzaldehyde
Concen: 34.048 ng
RT: 6.457 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

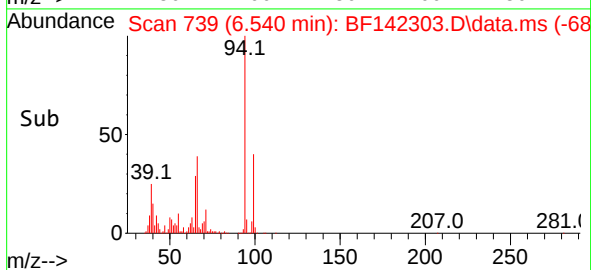
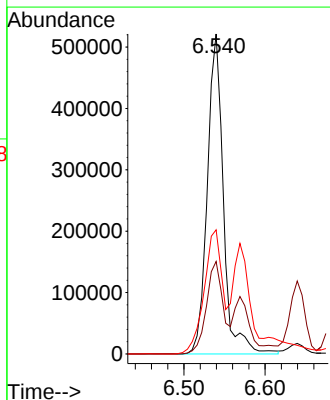
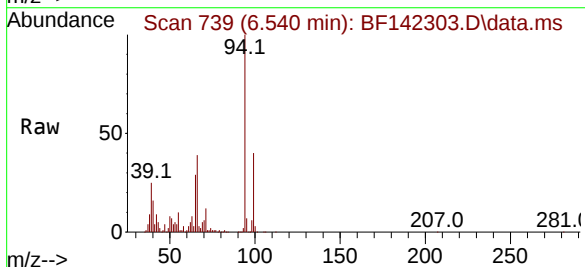
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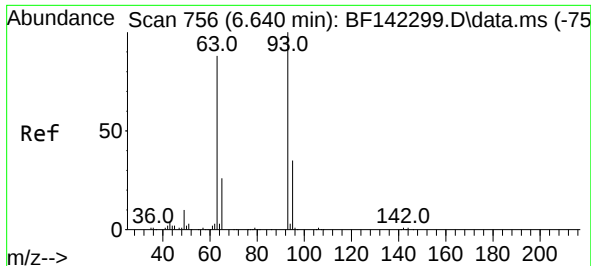
Tgt Ion: 77 Resp: 330476
Ion Ratio Lower Upper
77 100
105 101.1 82.0 122.0
106 97.2 77.2 117.2



#10
Phenol
Concen: 40.645 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.000 min
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Acq: 05 May 2025 18:13

Tgt Ion: 94 Resp: 715941
Ion Ratio Lower Upper
94 100
65 28.9 8.5 48.5
66 38.8 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 33.668 ng

RT: 6.640 min Scan# 756

Delta R.T. -0.000 min

Lab File: BF142303.D

Acq: 05 May 2025 18:13

Instrument :

BNA_F

ClientSampleId :

ICVBF050525

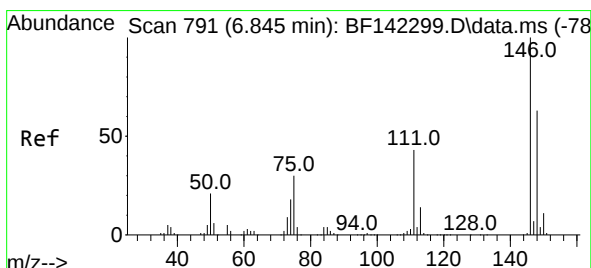
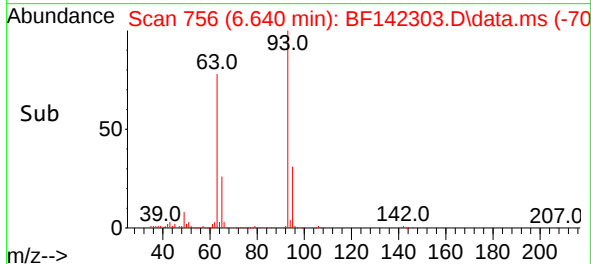
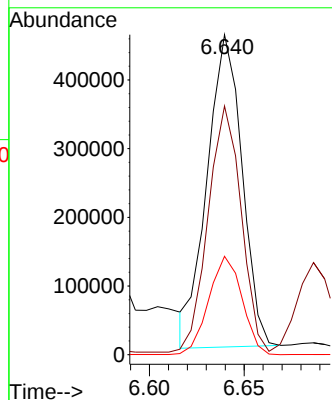
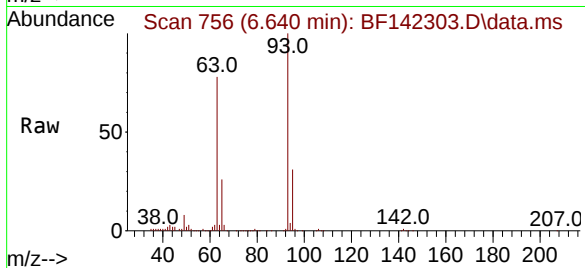
Tgt Ion: 93 Resp: 583659

Ion Ratio Lower Upper

93 100

63 77.7 58.4 98.4

95 30.8 10.6 50.6



#12

1,3-Dichlorobenzene

Concen: 37.375 ng

RT: 6.845 min Scan# 791

Delta R.T. -0.000 min

Lab File: BF142303.D

Acq: 05 May 2025 18:13

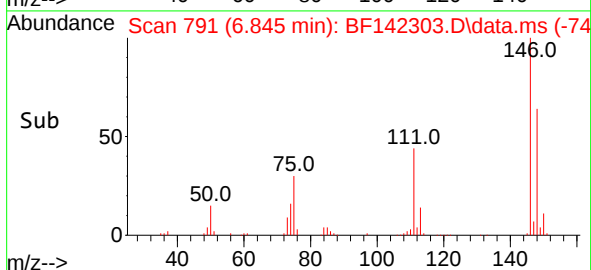
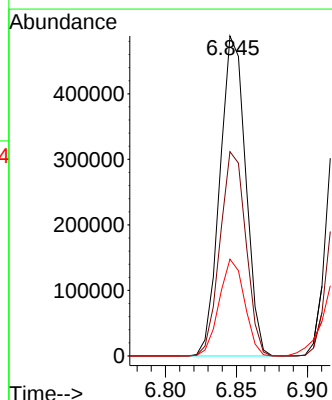
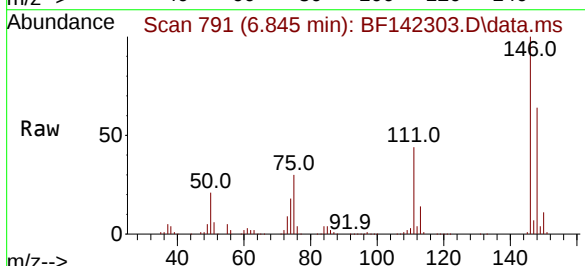
Tgt Ion:146 Resp: 616110

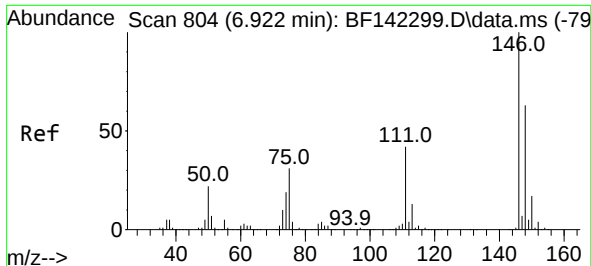
Ion Ratio Lower Upper

146 100

148 63.9 50.6 76.0

75 30.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.681 ng

RT: 6.922 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF142303.D

Acq: 05 May 2025 18:13

Instrument :

BNA_F

ClientSampleId :

ICVBF050525

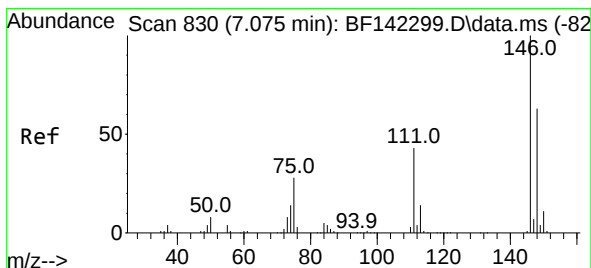
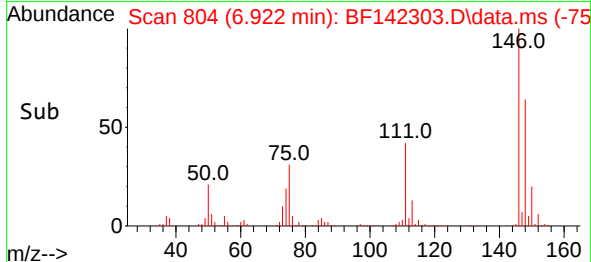
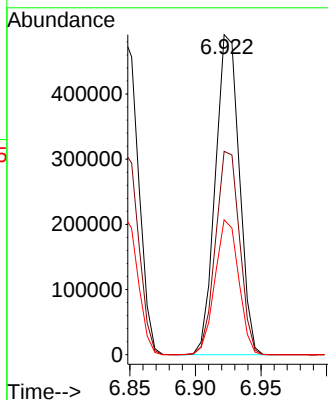
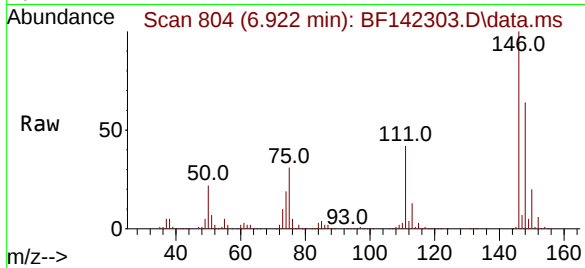
Tgt Ion:146 Resp: 623676

Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

111 42.1 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 37.772 ng

RT: 7.075 min Scan# 830

Delta R.T. -0.000 min

Lab File: BF142303.D

Acq: 05 May 2025 18:13

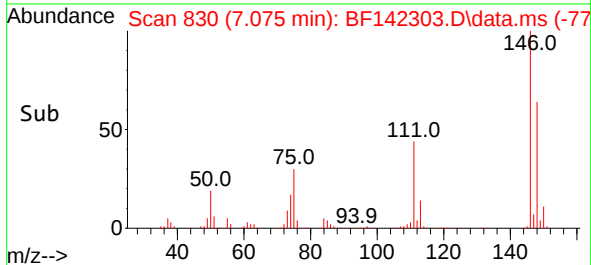
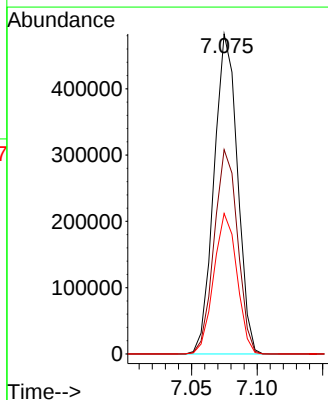
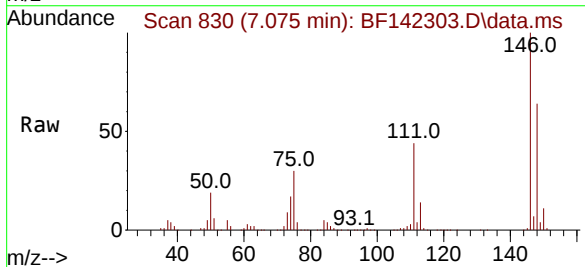
Tgt Ion:146 Resp: 600086

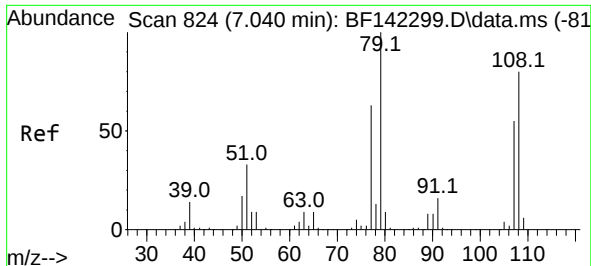
Ion Ratio Lower Upper

146 100

148 63.9 50.3 75.5

111 43.9 34.5 51.7

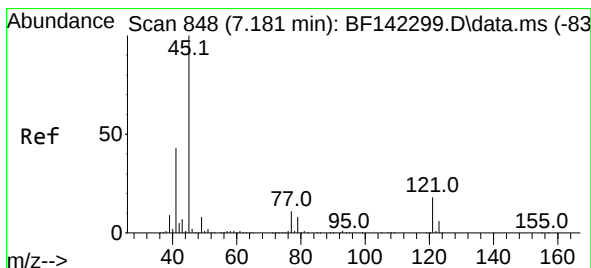
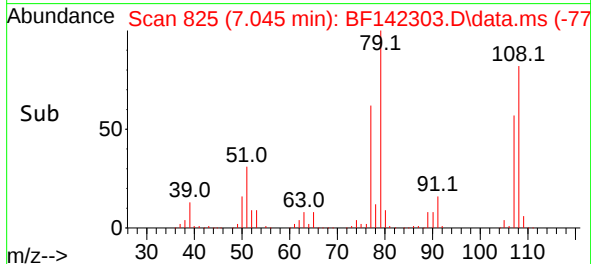
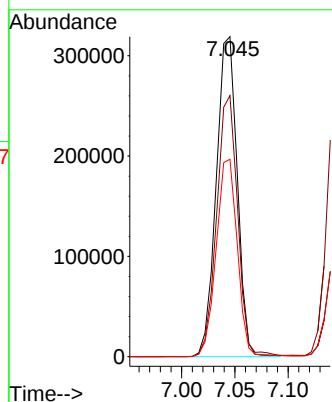
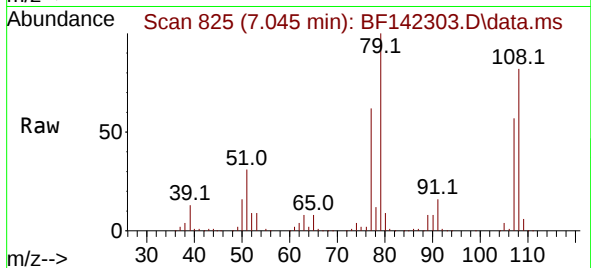




#15
Benzyl Alcohol
Concen: 40.632 ng
RT: 7.045 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

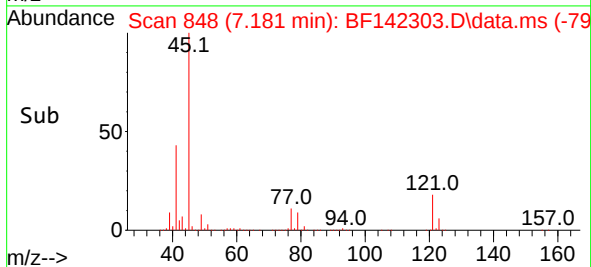
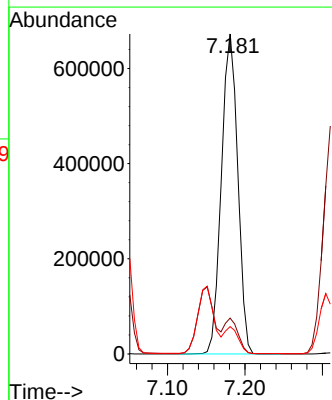
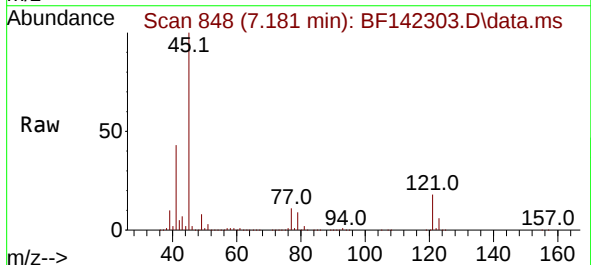
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

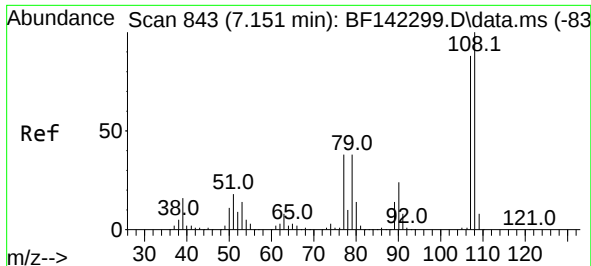
Tgt Ion: 79 Resp: 436337
Ion Ratio Lower Upper
79 100
108 81.6 63.9 95.9
77 61.7 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.006 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 45 Resp: 983896
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.2
79 8.6 0.0 28.5

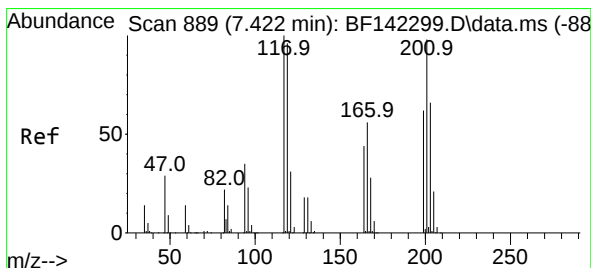
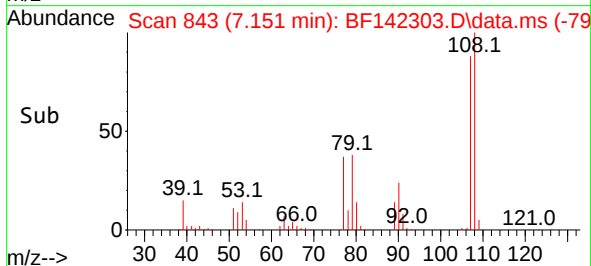
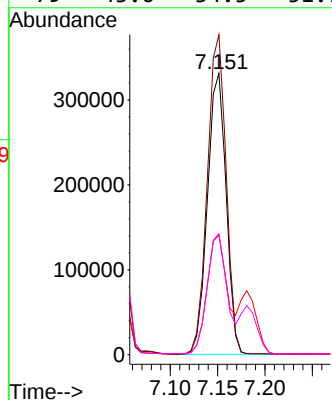
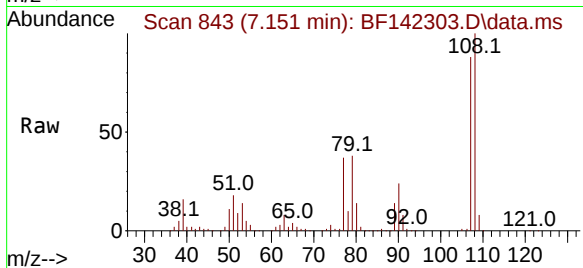




#17
2-Methylphenol
Concen: 38.961 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

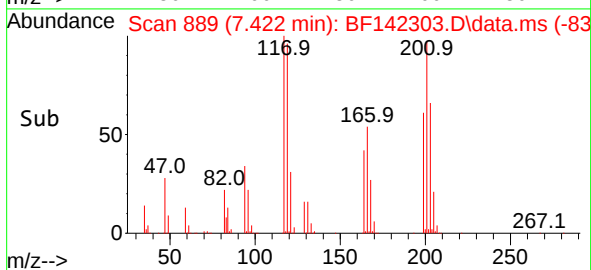
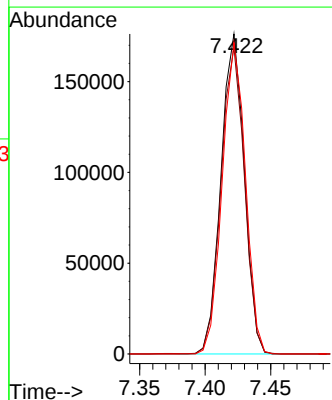
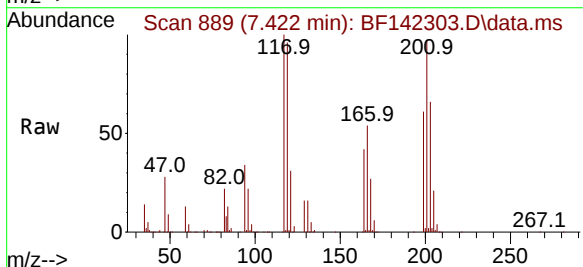
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

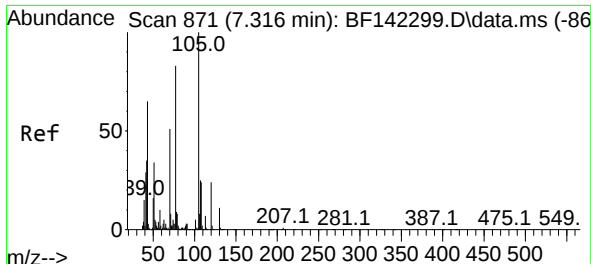
Tgt Ion:	107	Resp:	454505
Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.1	136.7
77	42.5	34.7	52.1
79	43.0	34.5	51.7



#18
Hexachloroethane
Concen: 39.633 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:	117	Resp:	218260
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.9	115.3
201	97.3	78.0	117.0

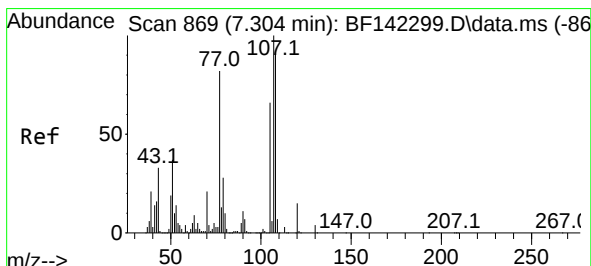
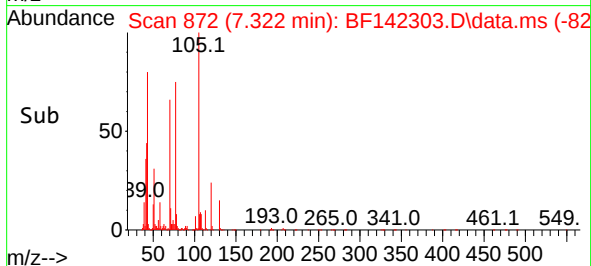
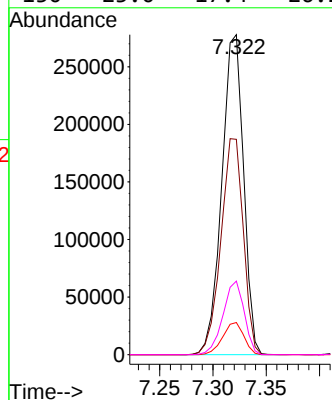
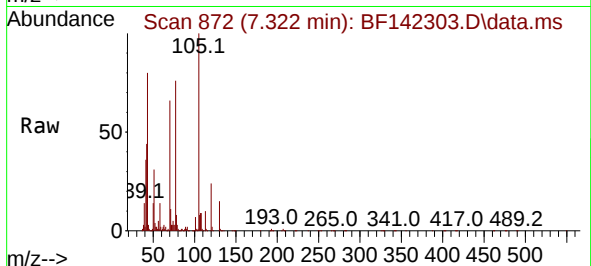




#19
n-Nitroso-di-n-propylamine
Concen: 38.437 ng
RT: 7.322 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

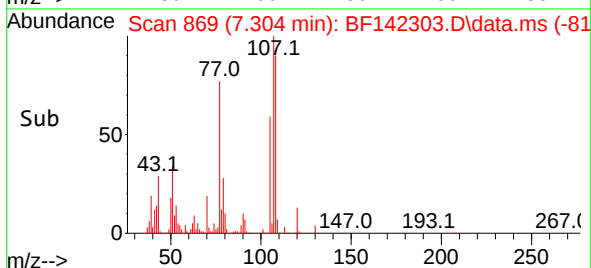
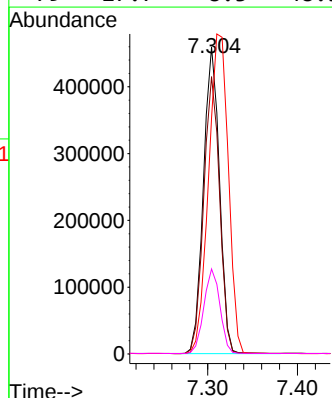
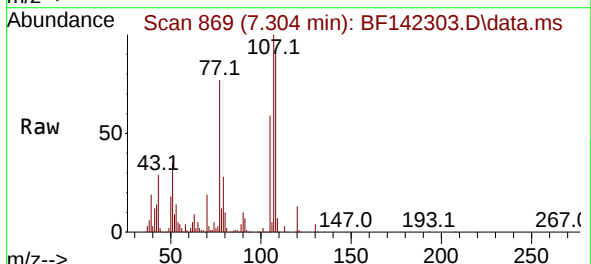
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

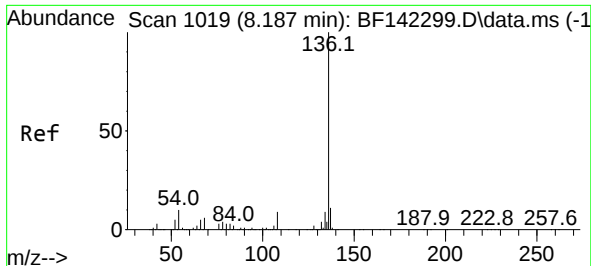
Tgt Ion: 70 Resp: 394300
Ion Ratio Lower Upper
70 100
42 67.3 54.8 82.2
101 10.0 7.7 11.5
130 23.0 17.4 26.2



#20
3+4-Methylphenols
Concen: 39.089 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 107 Resp: 569096
Ion Ratio Lower Upper
107 100
108 90.3 71.5 111.5
77 76.9 61.6 101.6
79 27.7 8.3 48.3

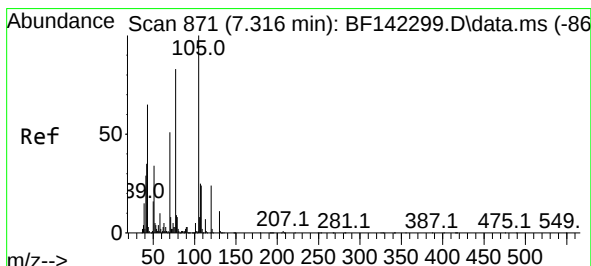
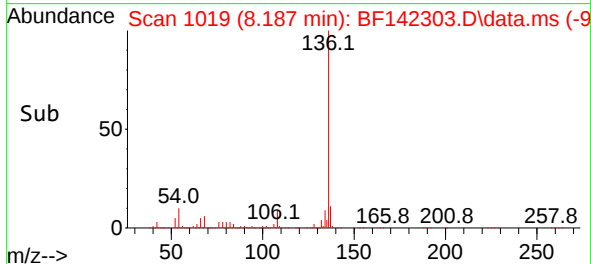
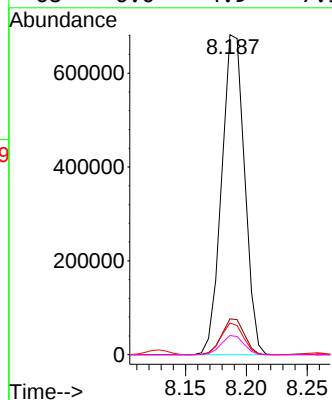
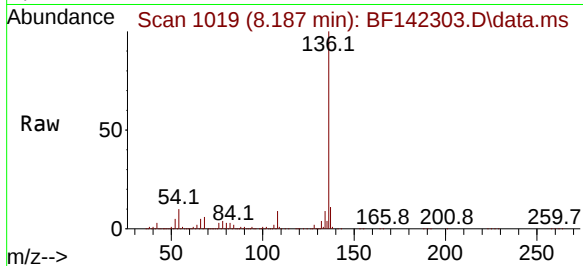




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

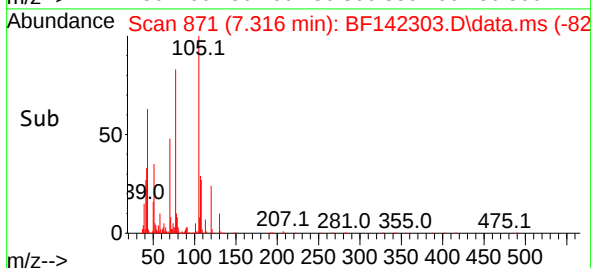
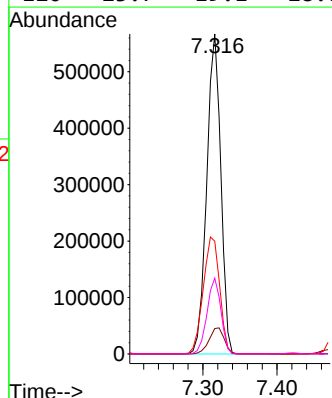
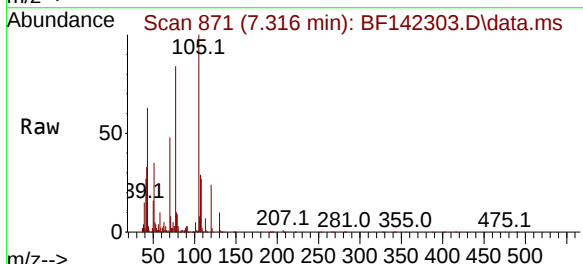
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

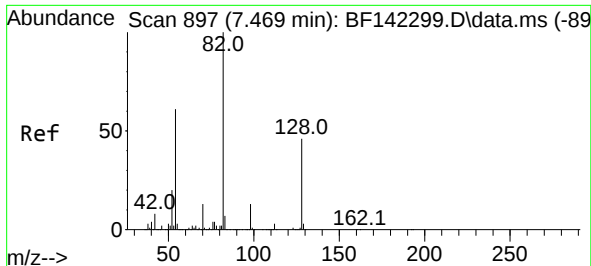
Tgt Ion:	136	Resp:	893807
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.9	7.7	11.5
68	6.0	4.9	7.3



#22
Acetophenone
Concen: 37.519 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:	105	Resp:	745621
Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.7	10.1
51	35.2	27.6	41.4
120	23.7	19.1	28.7





#23

Nitrobenzene-d5

Concen: 83.567 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.000 min

Lab File: BF142303.D

Acq: 05 May 2025 18:13

Instrument :

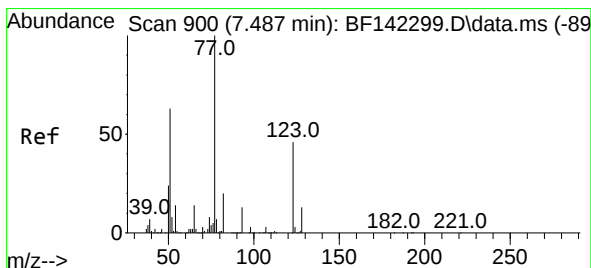
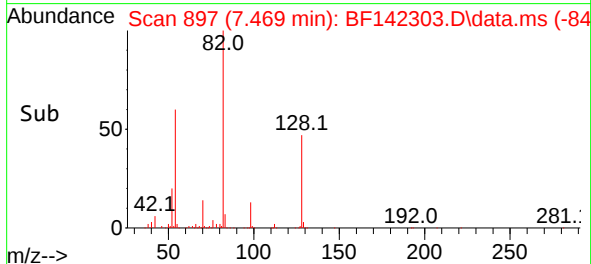
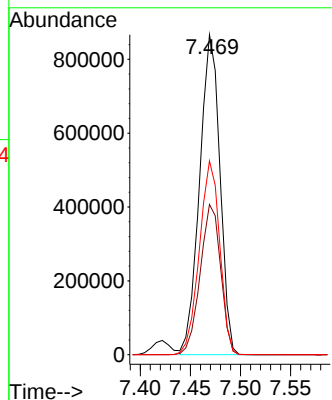
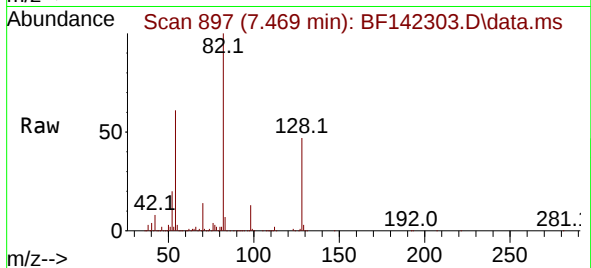
BNA_F

ClientSampleId :

ICVBF050525

Tgt Ion: 82 Resp: 1224734

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.0	55.6
54	60.6	48.6	73.0



#24

Nitrobenzene

Concen: 41.431 ng

RT: 7.487 min Scan# 900

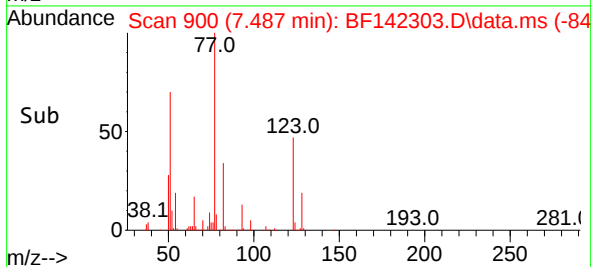
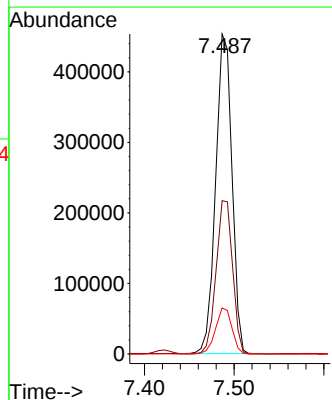
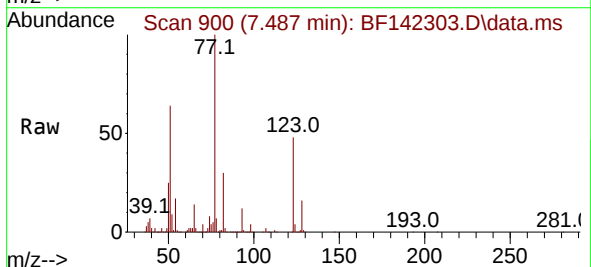
Delta R.T. -0.000 min

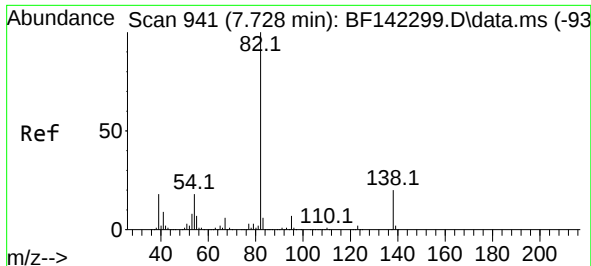
Lab File: BF142303.D

Acq: 05 May 2025 18:13

Tgt Ion: 77 Resp: 572370

Ion	Ratio	Lower	Upper
77	100		
123	47.9	37.8	56.8
65	14.4	11.4	17.0

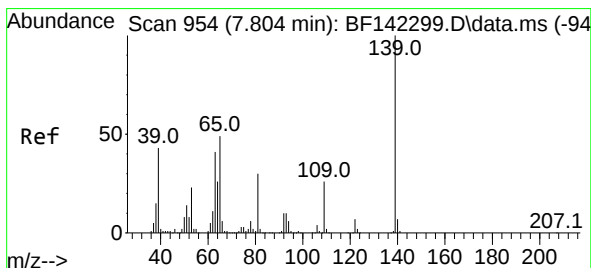
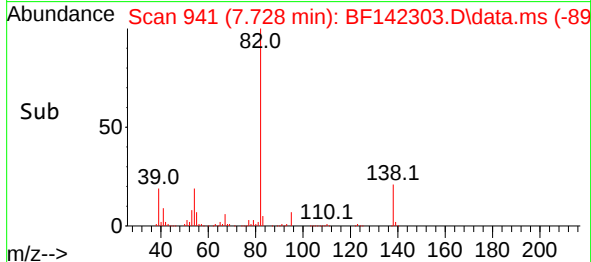
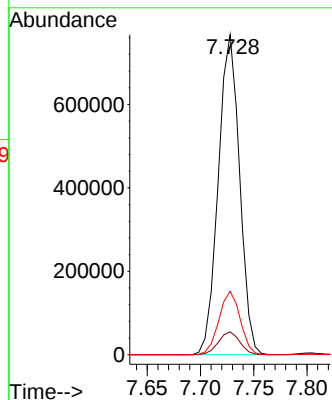
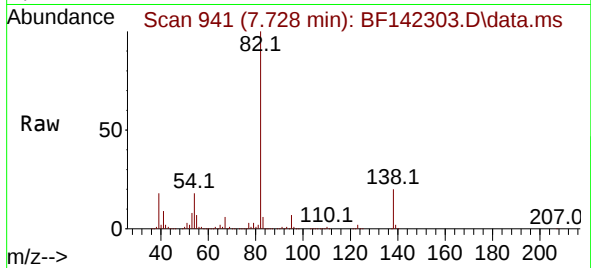




#25
Isophorone
Concen: 38.426 ng
RT: 7.728 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

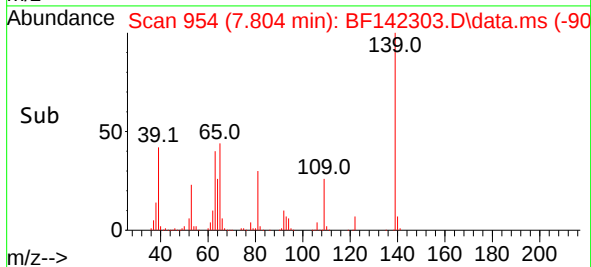
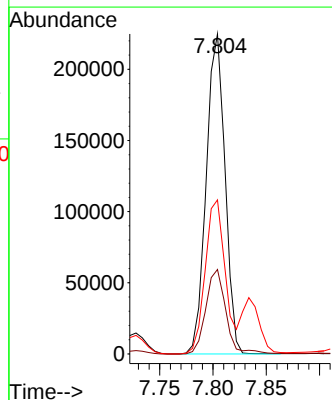
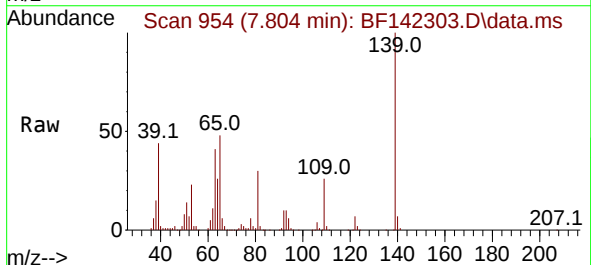
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

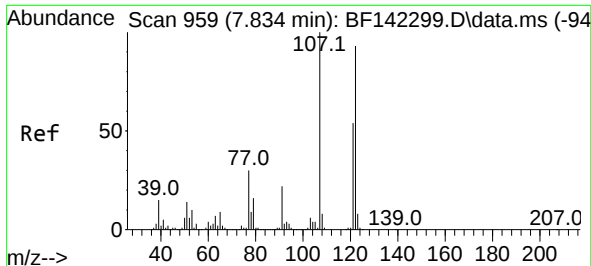
Tgt Ion: 82 Resp: 1066427
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 19.8 16.1 24.1



#26
2-Nitrophenol
Concen: 42.037 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 139 Resp: 276219
Ion Ratio Lower Upper
139 100
109 26.4 20.8 31.2
65 48.1 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 38.903 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142303.D

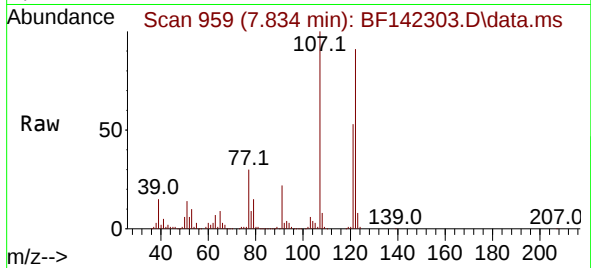
Acq: 05 May 2025 18:13

Instrument :

BNA_F

ClientSampleId :

ICVBF050525



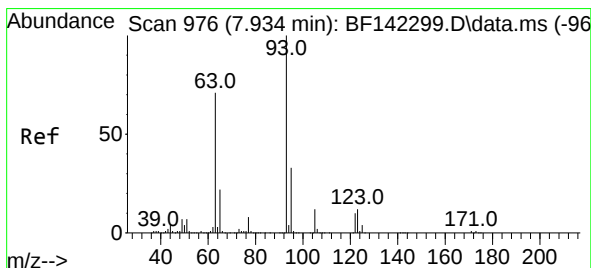
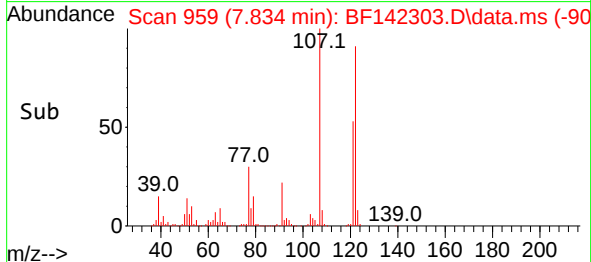
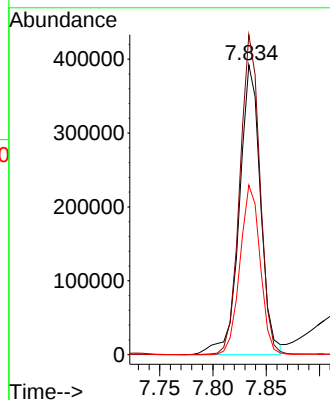
Tgt Ion:122 Resp: 542819

Ion Ratio Lower Upper

122 100

107 110.4 86.0 129.0

121 58.5 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.186 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142303.D

Acq: 05 May 2025 18:13

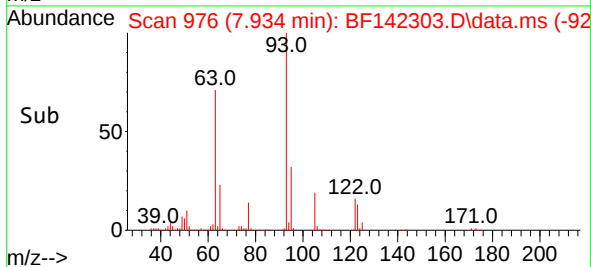
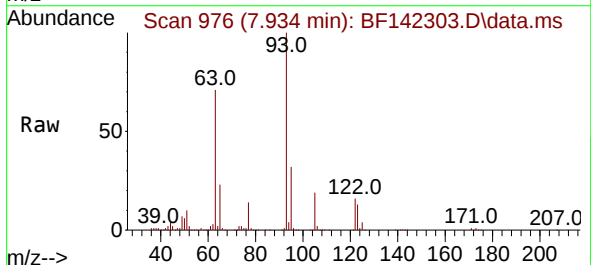
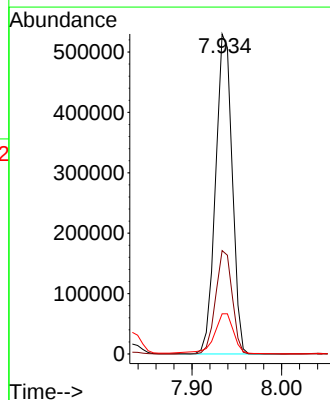
Tgt Ion: 93 Resp: 681438

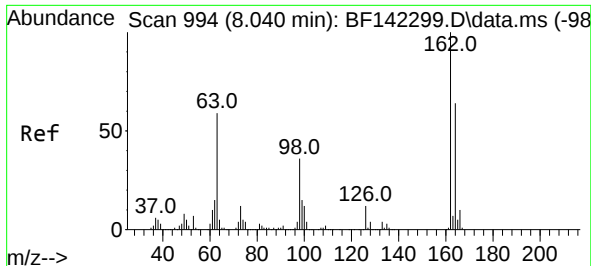
Ion Ratio Lower Upper

93 100

95 32.3 26.1 39.1

123 12.6 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 40.715 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142303.D

Acq: 05 May 2025 18:13

Instrument :

BNA_F

ClientSampleId :

ICVBF050525

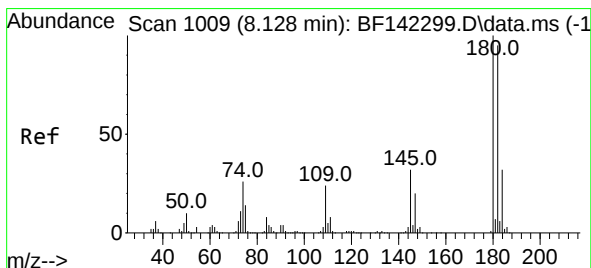
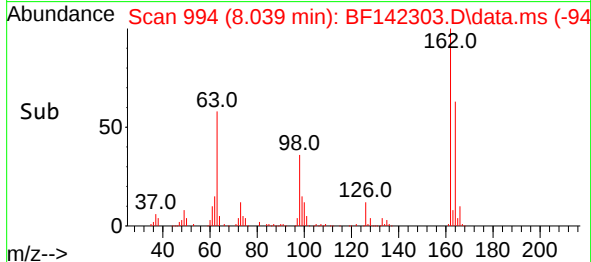
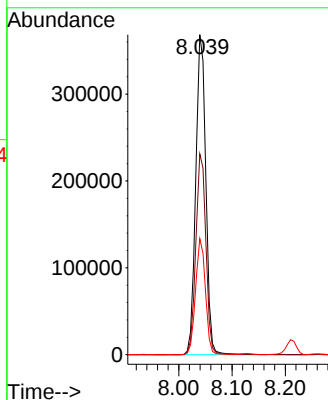
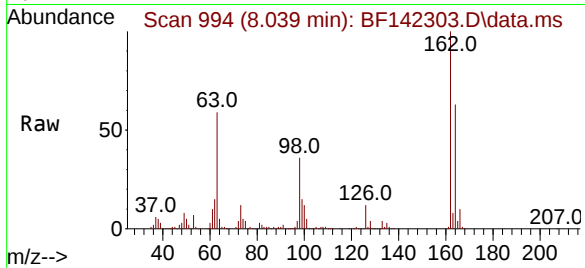
Tgt Ion:162 Resp: 482996

Ion Ratio Lower Upper

162 100

164 62.7 43.6 83.6

98 36.3 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 37.487 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF142303.D

Acq: 05 May 2025 18:13

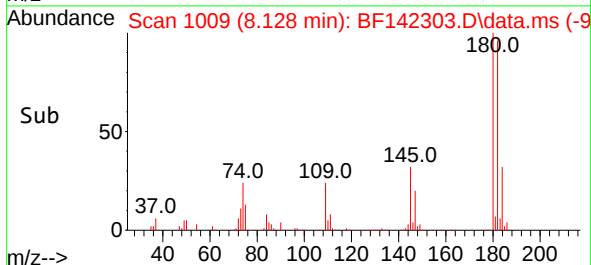
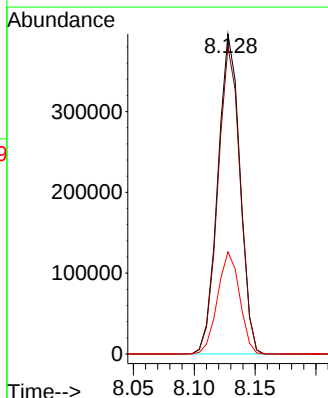
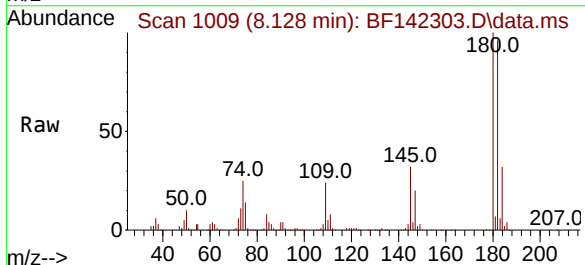
Tgt Ion:180 Resp: 500471

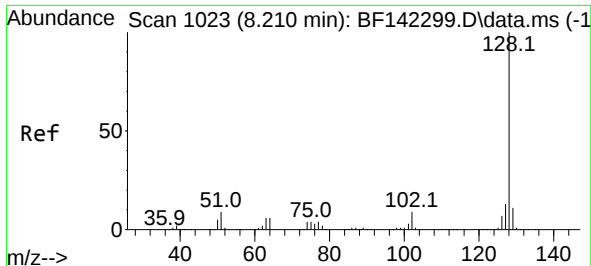
Ion Ratio Lower Upper

180 100

182 96.0 76.2 114.4

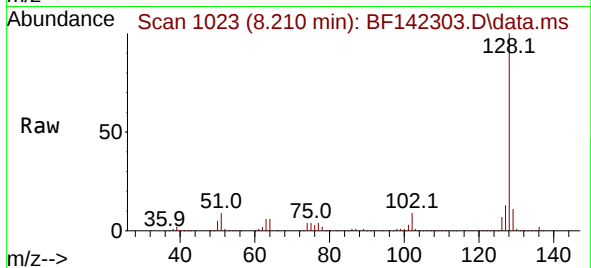
145 31.9 25.8 38.6



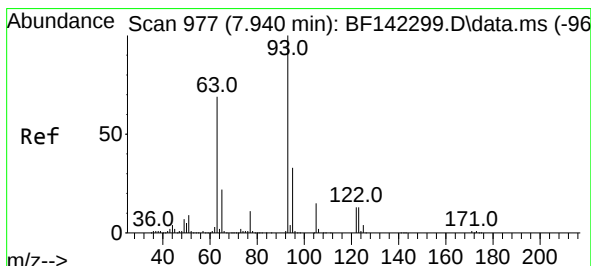
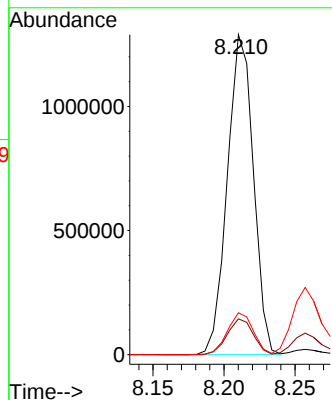
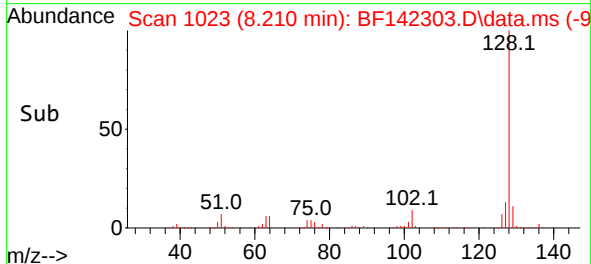


#31
Naphthalene
Concen: 37.992 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

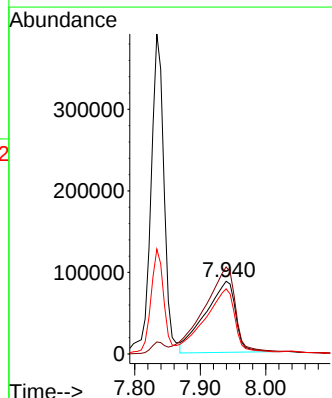
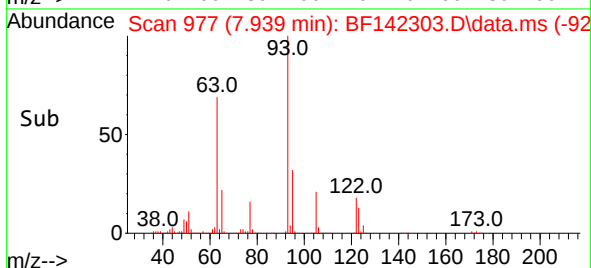
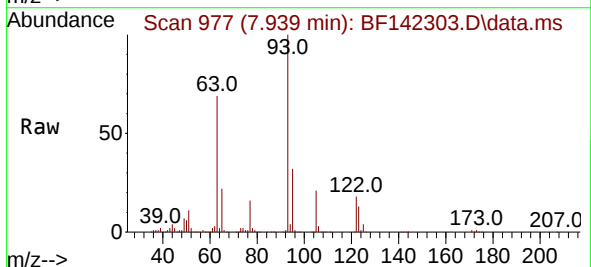


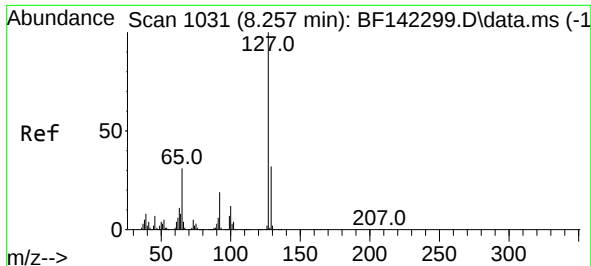
Tgt Ion:128 Resp: 1645769
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 39.978 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.001 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:122 Resp: 282406
Ion Ratio Lower Upper
122 100
105 120.0 97.9 137.9
77 89.6 67.7 107.7



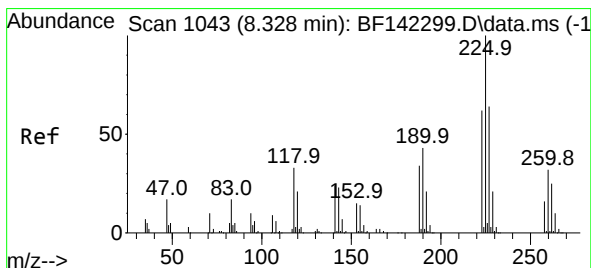
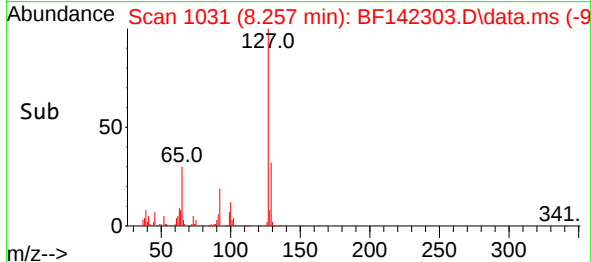
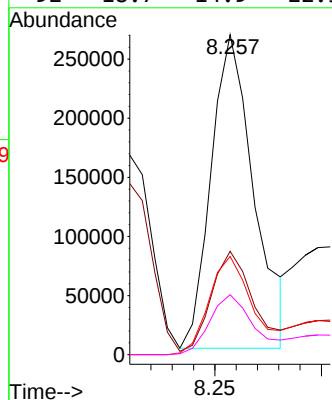
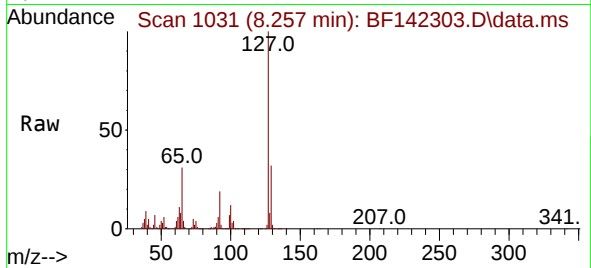


#33
4-Chloroaniline
Concen: 20.954 ng
RT: 8.257 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Tgt Ion:127 Resp: 370214

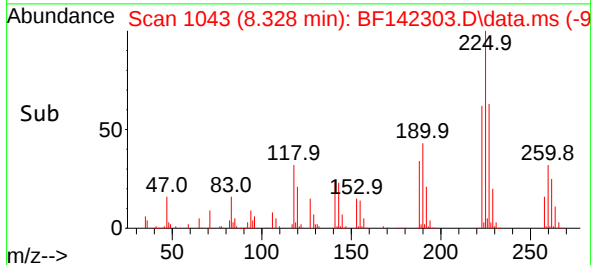
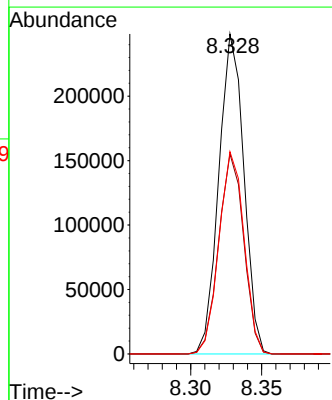
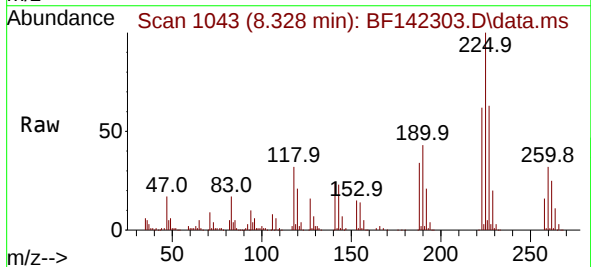
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	30.7	24.9	37.3
92	18.7	14.9	22.3



#34
Hexachlorobutadiene
Concen: 38.512 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:225 Resp: 304456

Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.8	74.6
227	63.2	50.9	76.3

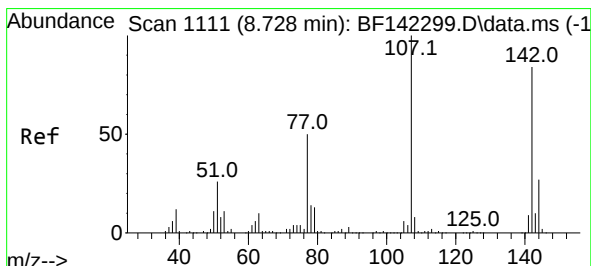
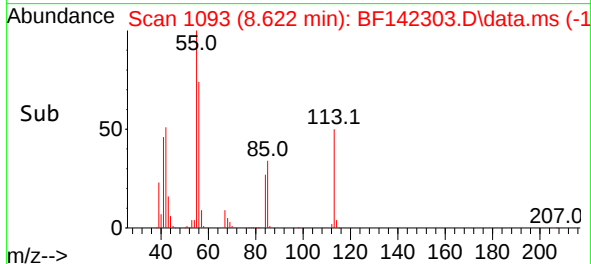
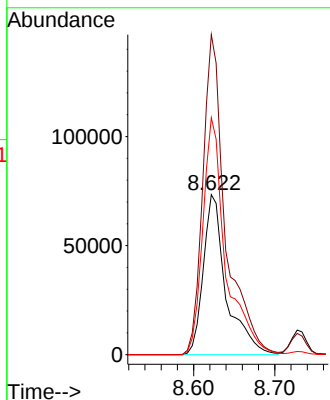
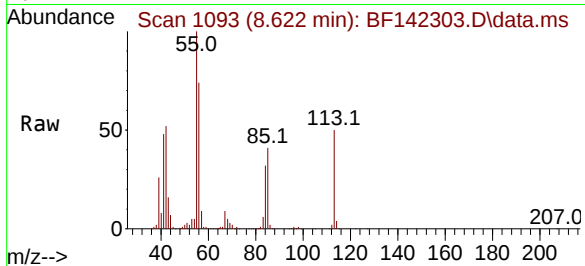




#35
 Caprolactam
 Concen: 41.494 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.000 min
 Lab File: BF142303.D
 Acq: 05 May 2025 18:13

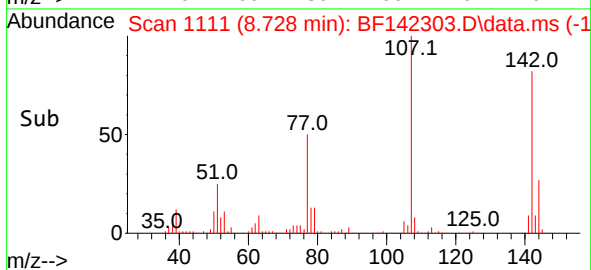
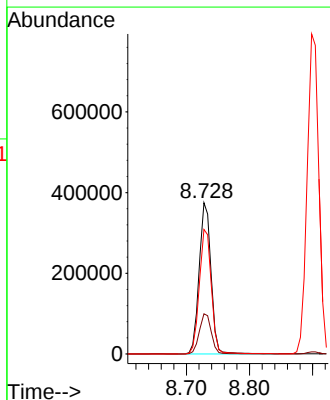
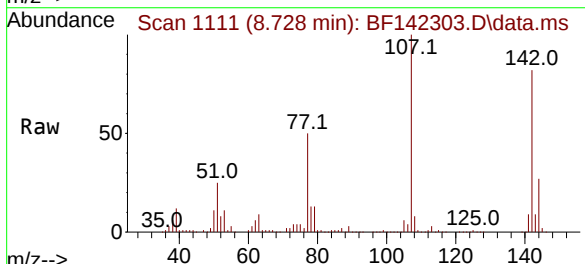
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050525

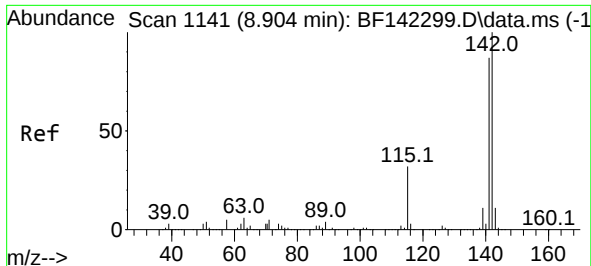
Tgt Ion:113 Resp: 143456
 Ion Ratio Lower Upper
 113 100
 55 199.9 176.4 216.4
 56 148.0 120.3 160.3



#36
 4-Chloro-3-methylphenol
 Concen: 39.715 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: BF142303.D
 Acq: 05 May 2025 18:13

Tgt Ion:107 Resp: 489740
 Ion Ratio Lower Upper
 107 100
 144 26.6 21.3 31.9
 142 82.4 66.9 100.3





#37

2-Methylnaphthalene

Concen: 37.643 ng

RT: 8.898 min Scan# 1140

Delta R.T. -0.006 min

Lab File: BF142303.D

Acq: 05 May 2025 18:13

Instrument :

BNA_F

ClientSampleId :

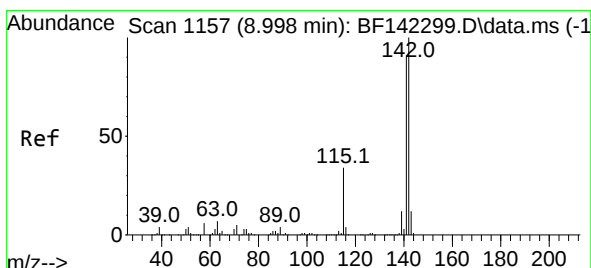
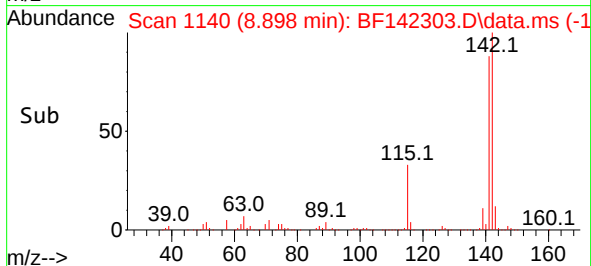
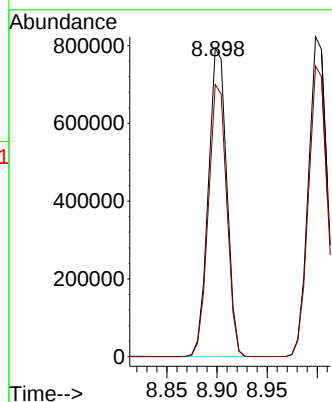
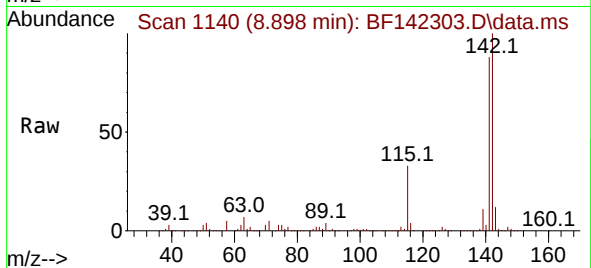
ICVBF050525

Tgt Ion:142 Resp: 1013246

Ion Ratio Lower Upper

142 100

141 88.2 69.4 104.2



#38

1-Methylnaphthalene

Concen: 37.522 ng

RT: 8.998 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF142303.D

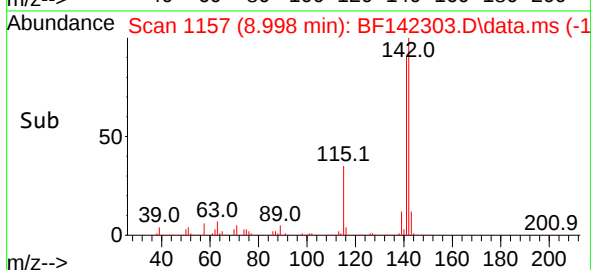
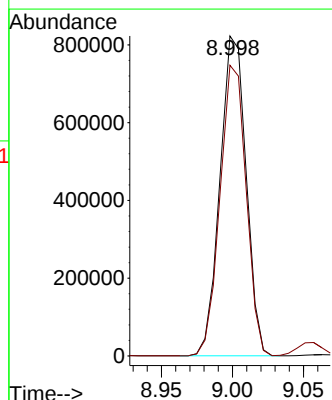
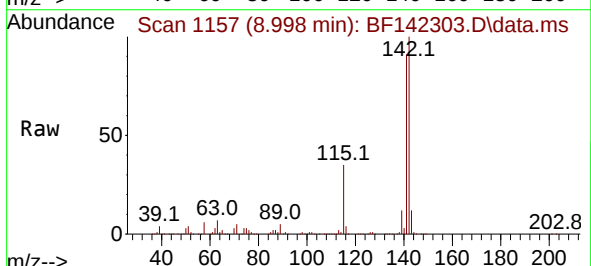
Acq: 05 May 2025 18:13

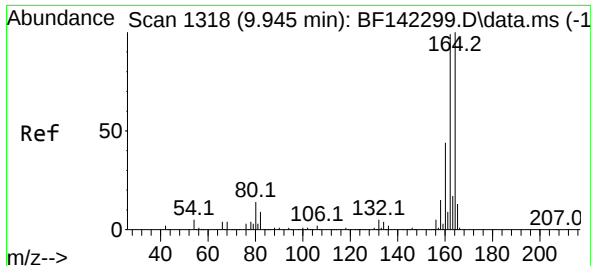
Tgt Ion:142 Resp: 1052686

Ion Ratio Lower Upper

142 100

141 90.9 72.5 108.7

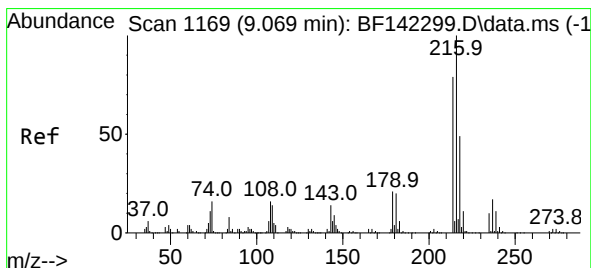
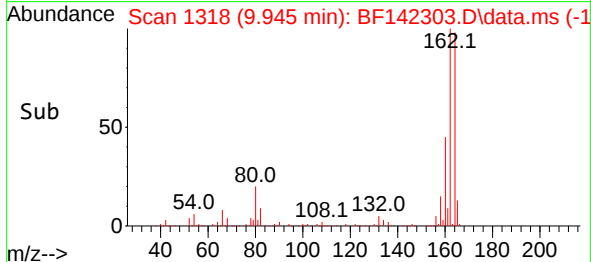
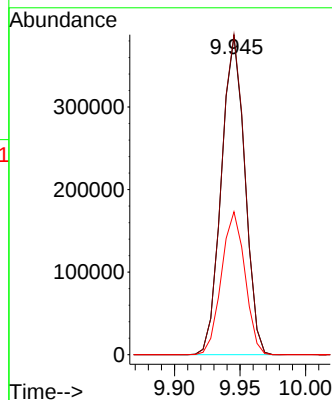
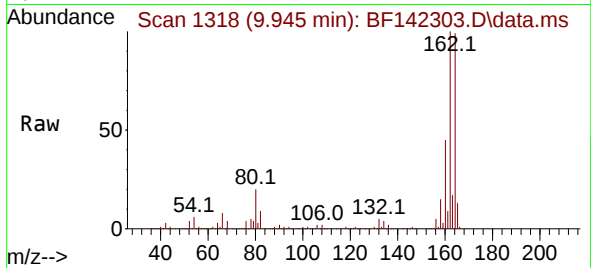




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

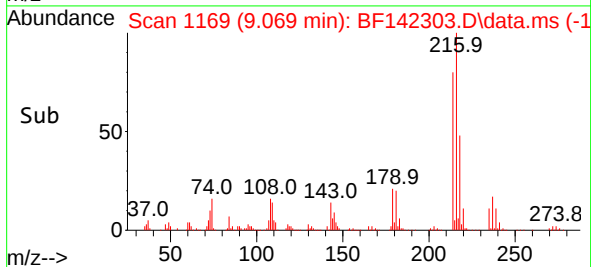
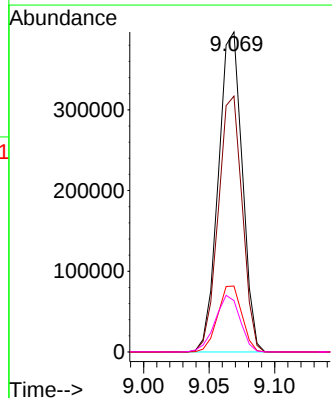
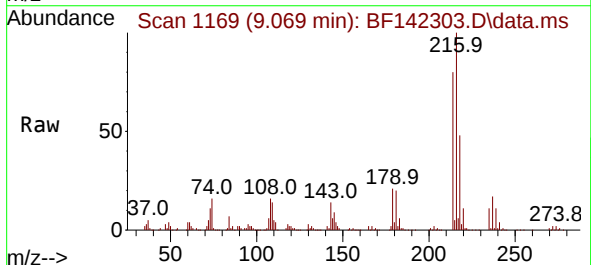
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Tgt Ion:164 Resp: 478877
Ion Ratio Lower Upper
164 100
162 100.7 79.2 118.8
160 45.0 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.555 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:216 Resp: 502278
Ion Ratio Lower Upper
216 100
214 80.0 63.8 95.6
179 20.8 17.0 25.6
108 18.5 15.0 22.6

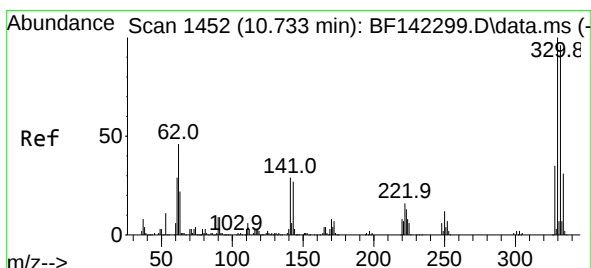
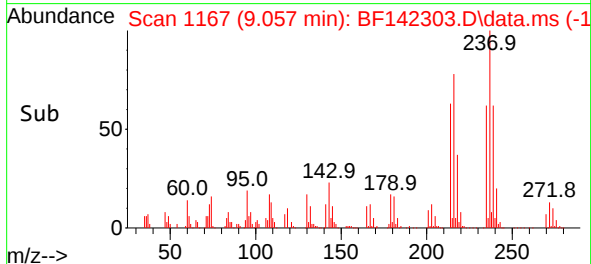
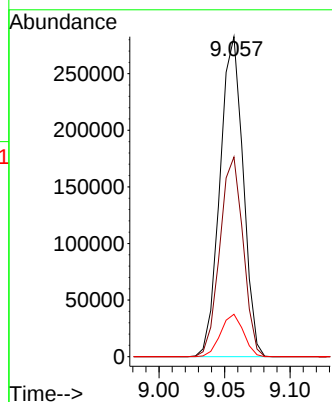
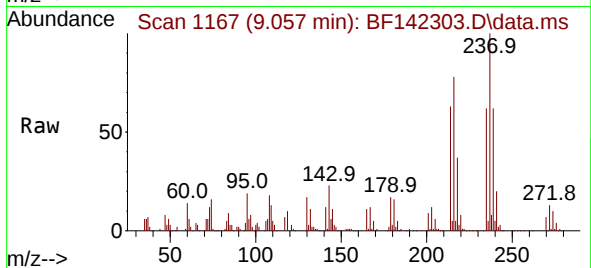




#41
Hexachlorocyclopentadiene
Concen: 42.020 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

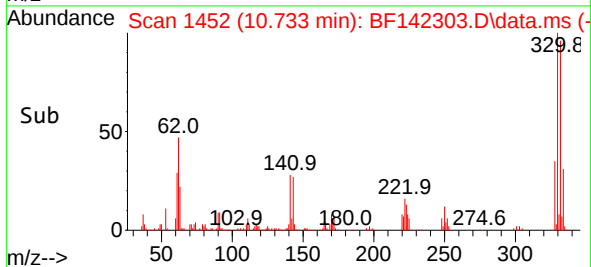
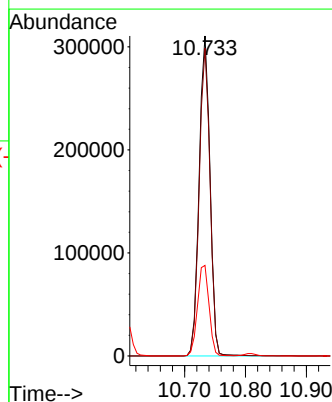
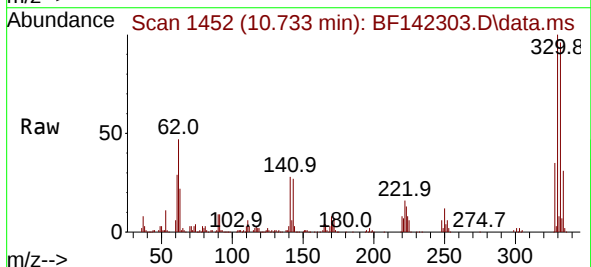
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Tgt Ion:237 Resp: 347327
Ion Ratio Lower Upper
237 100
235 62.4 42.8 82.8
272 13.3 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 83.209 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:330 Resp: 384712
Ion Ratio Lower Upper
330 100
332 95.8 76.8 115.2
141 30.1 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 41.212 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142303.D

Acq: 05 May 2025 18:13

Instrument :

BNA_F

ClientSampleId :

ICVBF050525

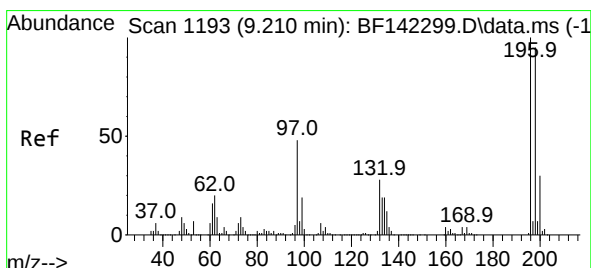
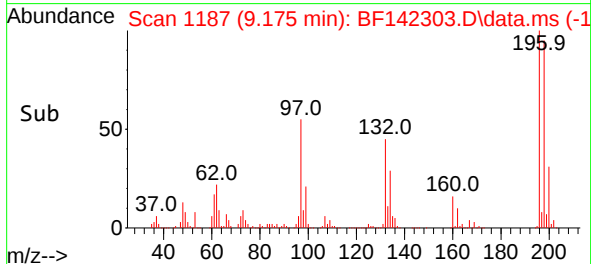
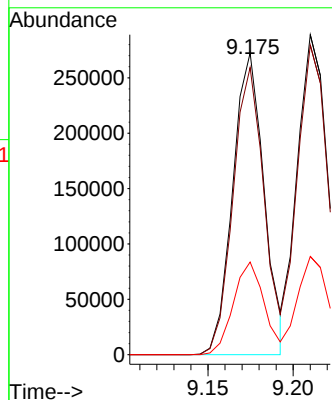
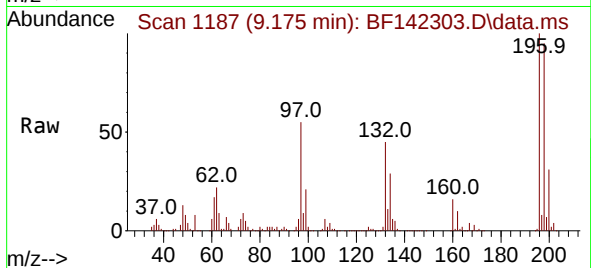
Tgt Ion:196 Resp: 347673

Ion Ratio Lower Upper

196 100

198 95.2 75.4 113.0

200 30.7 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 39.886 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF142303.D

Acq: 05 May 2025 18:13

Tgt Ion:196 Resp: 358022

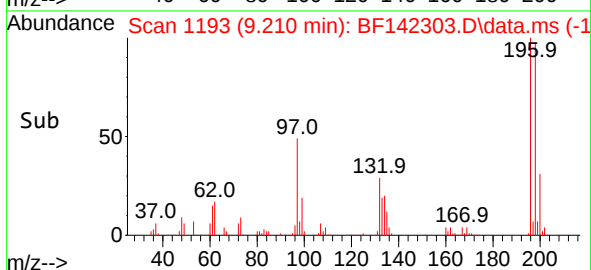
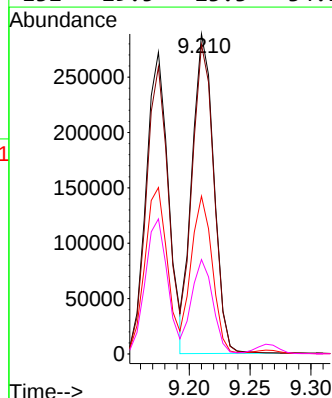
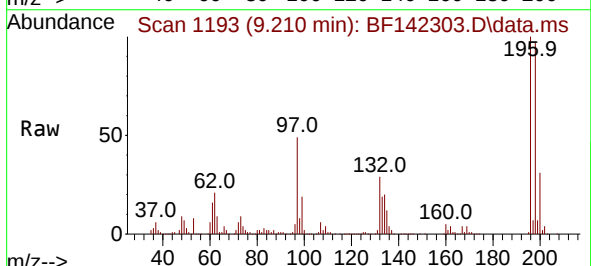
Ion Ratio Lower Upper

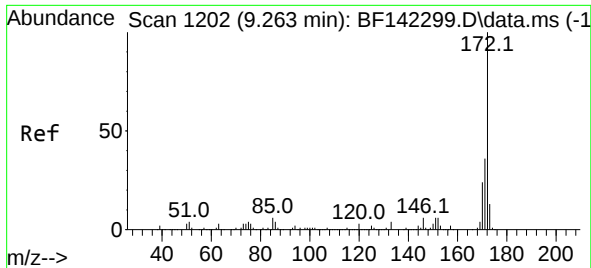
196 100

198 96.8 76.1 114.1

97 49.3 39.0 58.4

132 29.5 23.3 34.9

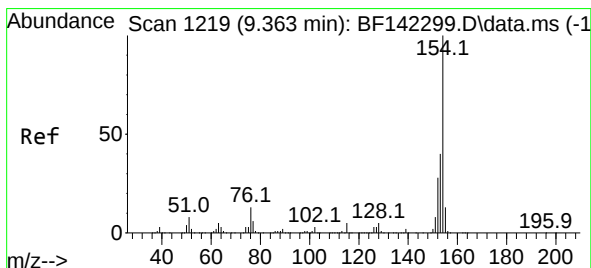
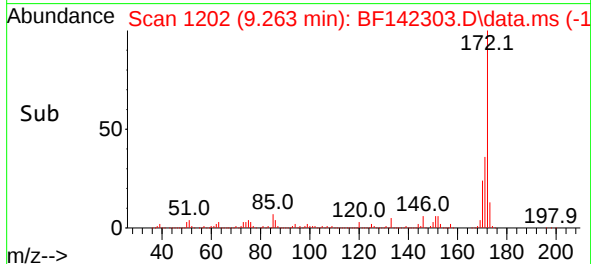
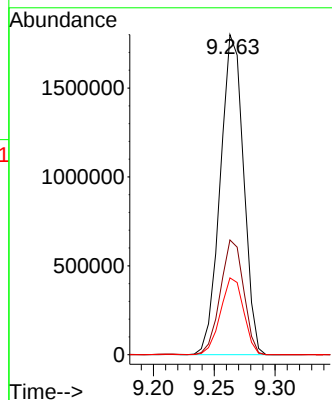
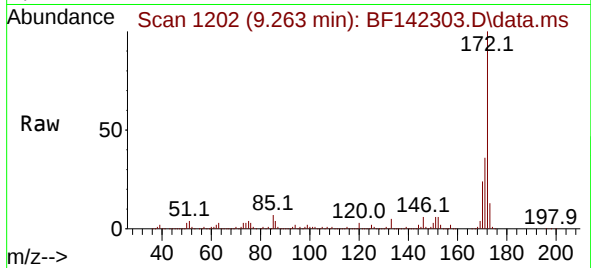




#45
2-Fluorobiphenyl
Concen: 71.371 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

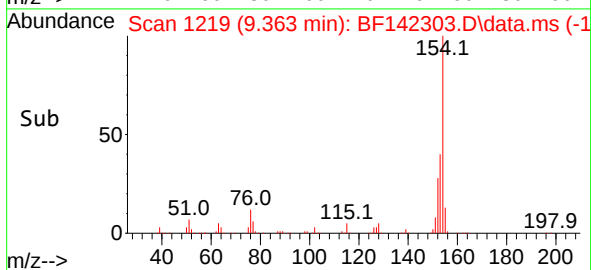
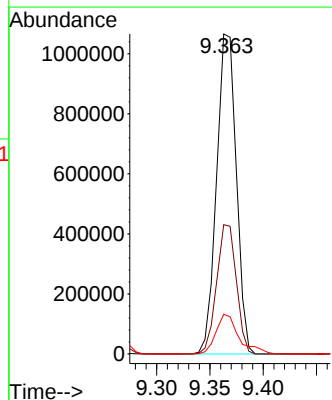
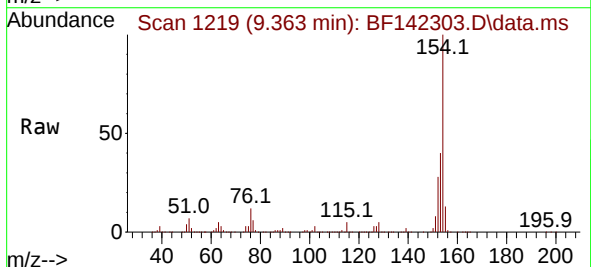
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Tgt Ion:172 Resp: 2396964
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 24.0 19.0 28.4



#46
1,1'-Biphenyl
Concen: 37.283 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:154 Resp: 1368945
Ion Ratio Lower Upper
154 100
153 40.4 20.5 60.5
76 12.4 0.0 32.8

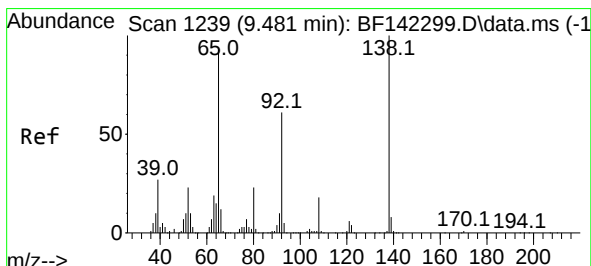
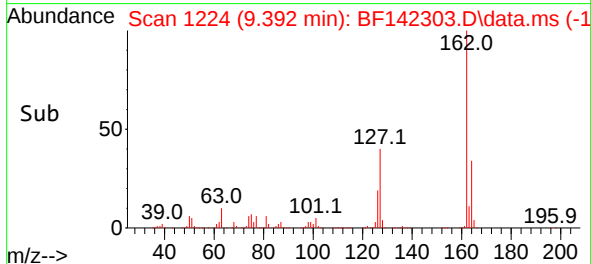
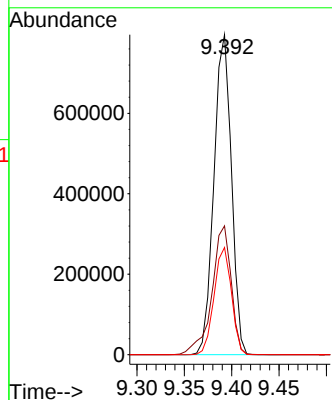
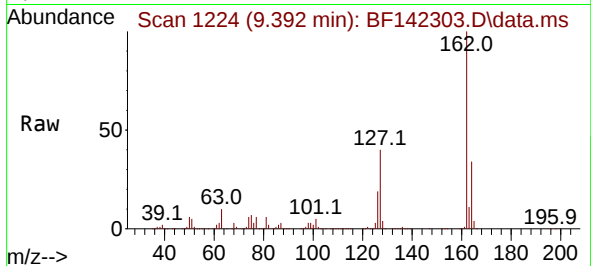




#47
2-Chloronaphthalene
Concen: 37.323 ng
RT: 9.392 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

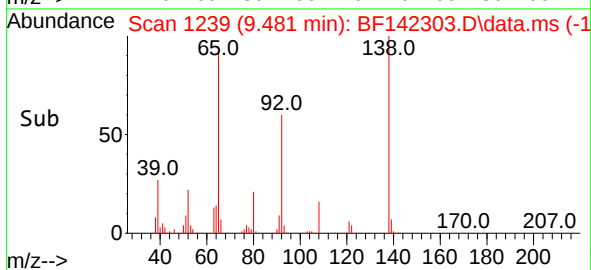
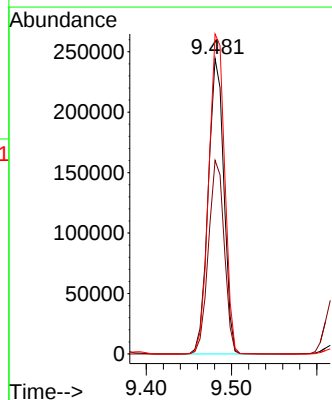
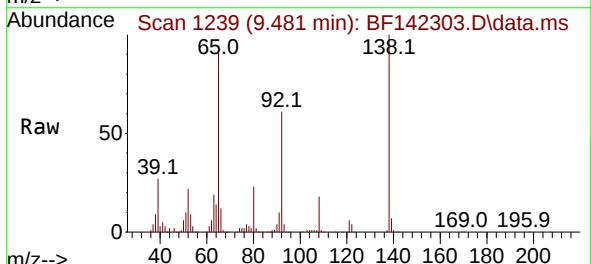
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Tgt Ion:162 Resp: 1019130
Ion Ratio Lower Upper
162 100
127 40.3 32.3 48.5
164 33.5 26.6 40.0



#48
2-Nitroaniline
Concen: 44.681 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 65 Resp: 312727
Ion Ratio Lower Upper
65 100
92 65.6 52.3 78.5
138 108.3 85.6 128.4

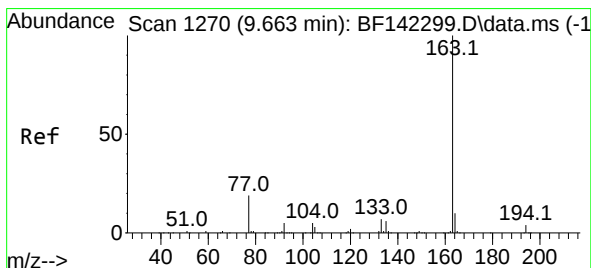
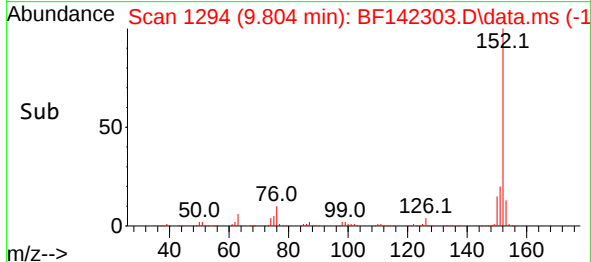
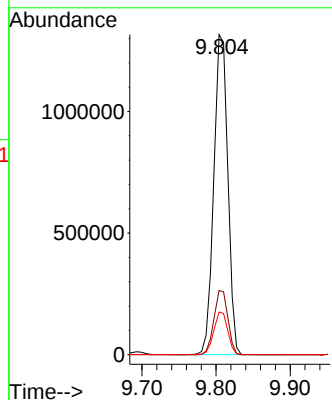
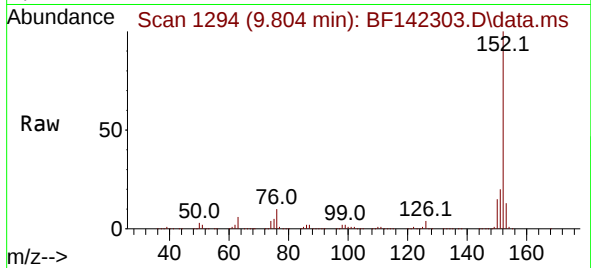




#49
Acenaphthylene
Concen: 37.833 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

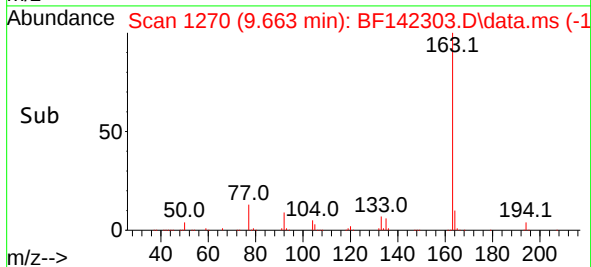
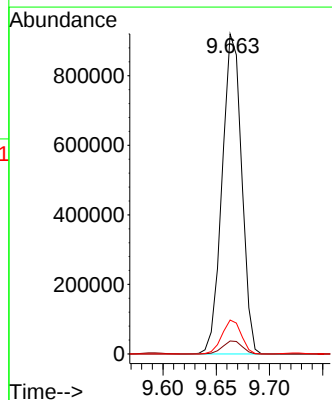
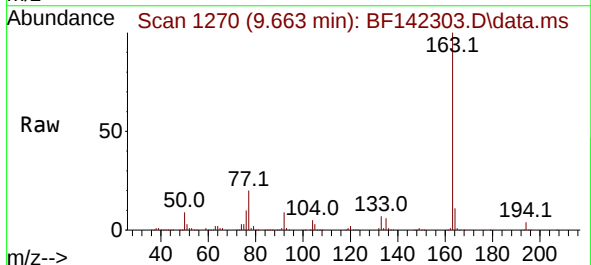
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

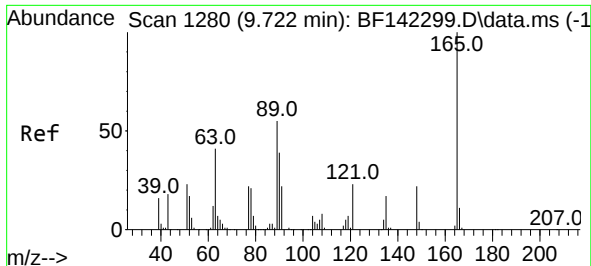
Tgt Ion:152 Resp: 1728165
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.4 10.8 16.2



#50
Dimethylphthalate
Concen: 38.154 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:163 Resp: 1173252
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.6 8.3 12.5

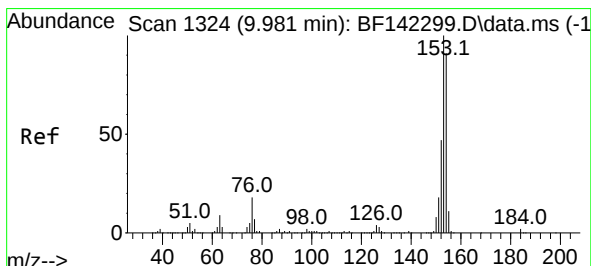
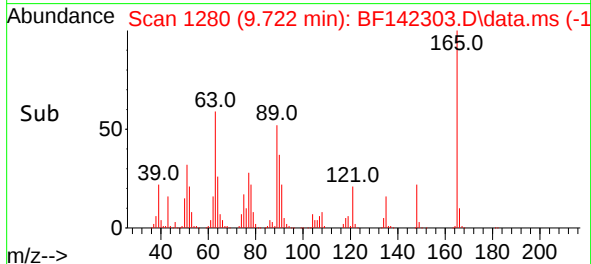
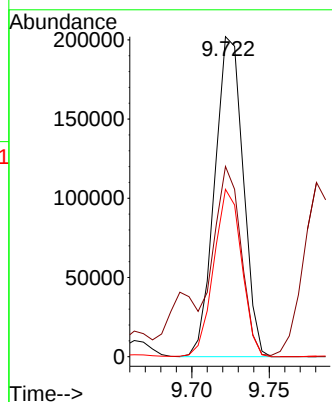
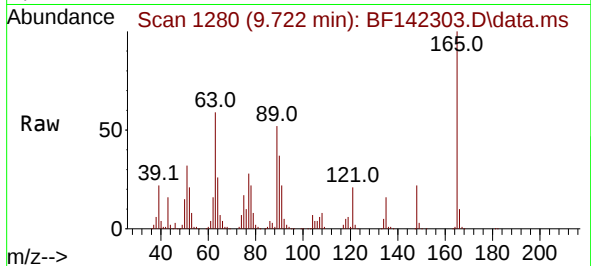




#51
2,6-Dinitrotoluene
Concen: 44.788 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

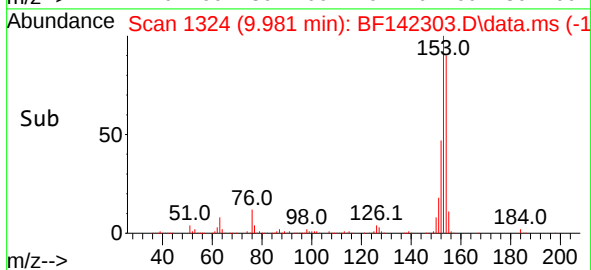
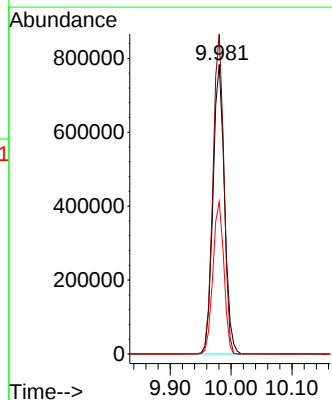
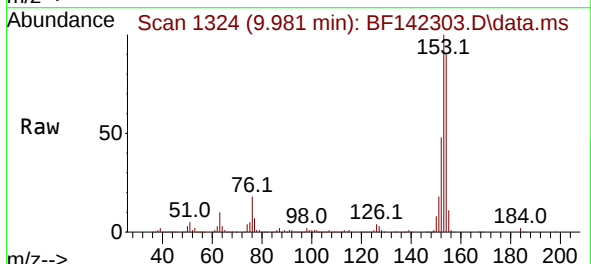
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

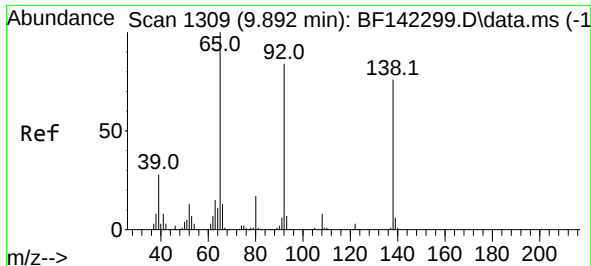
Tgt Ion:165 Resp: 257792
Ion Ratio Lower Upper
165 100
63 59.5 49.5 74.3
89 52.3 44.6 66.8



#52
Acenaphthene
Concen: 37.495 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:154 Resp: 1029833
Ion Ratio Lower Upper
154 100
153 110.6 88.0 132.0
152 52.6 41.6 62.4

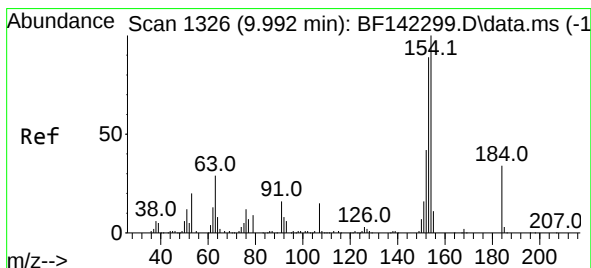
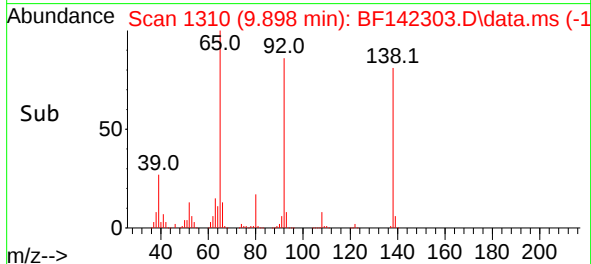
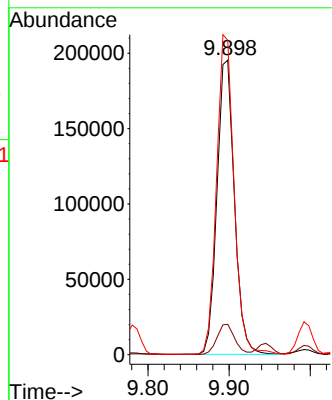
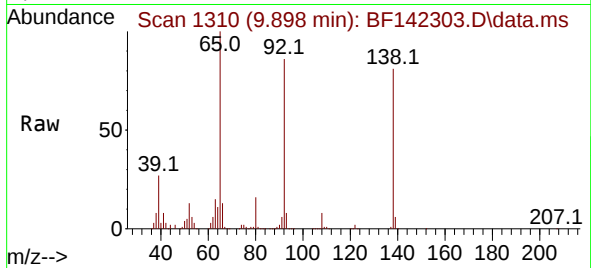




#53
3-Nitroaniline
Concen: 43.190 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

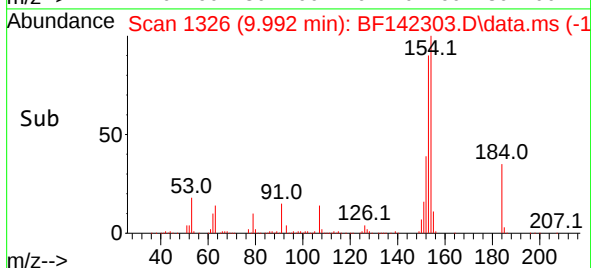
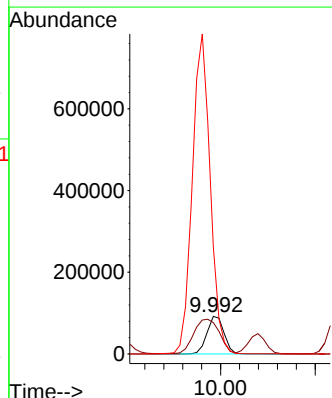
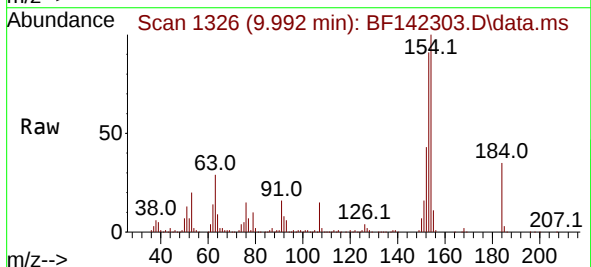
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Tgt Ion:138 Resp: 291556
Ion Ratio Lower Upper
138 100
108 10.3 8.7 13.1
92 106.7 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 42.149 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:184 Resp: 114850
Ion Ratio Lower Upper
184 100
63 83.6 70.6 105.8
154 285.8 257.2 385.8

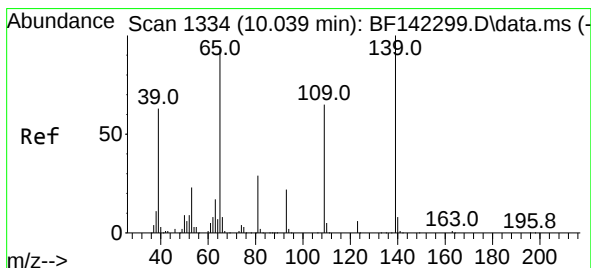
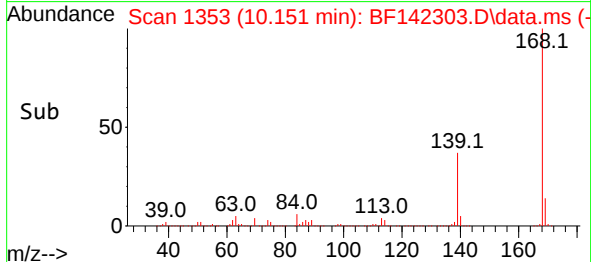
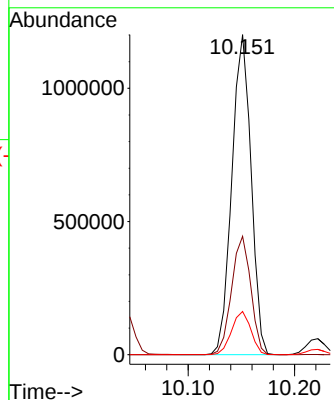
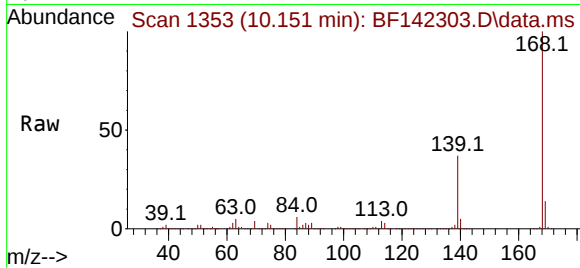




#55
Dibenzenofuran
Concen: 37.158 ng
RT: 10.151 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

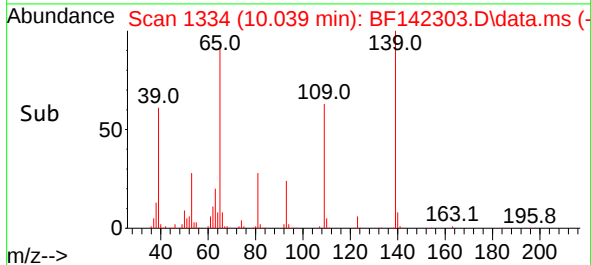
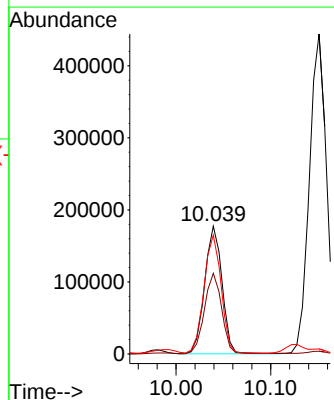
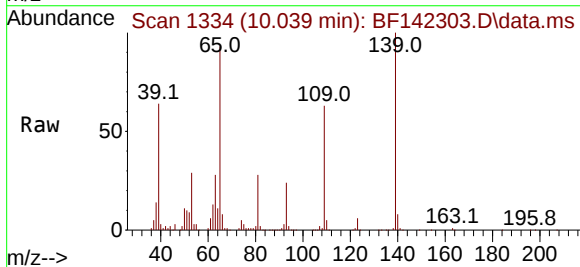
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

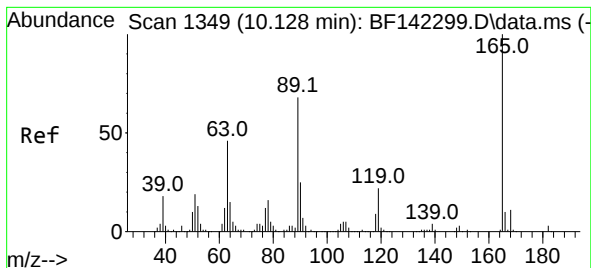
Tgt Ion:168 Resp: 1506186
Ion Ratio Lower Upper
168 100
139 37.0 29.0 43.4
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 44.381 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:139 Resp: 225481
Ion Ratio Lower Upper
139 100
109 63.1 45.3 85.3
65 93.0 73.9 113.9

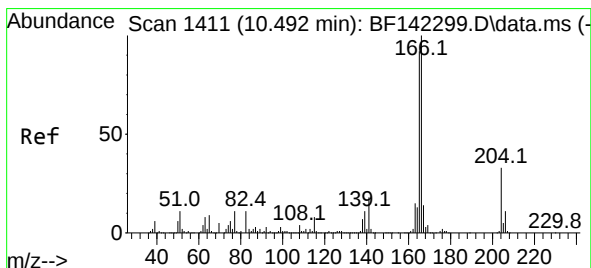
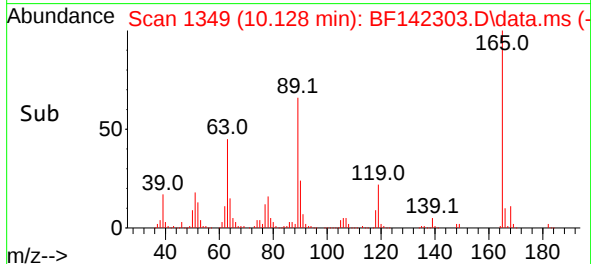
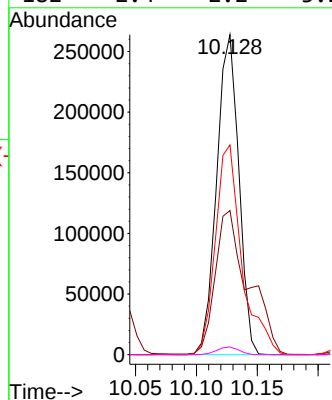
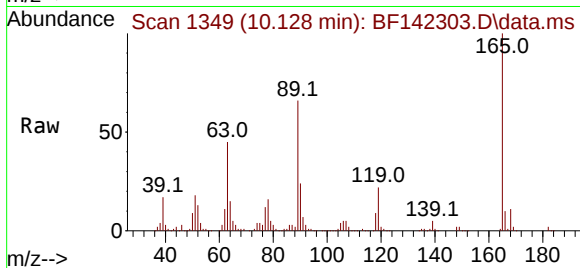




#57
2,4-Dinitrotoluene
Concen: 45.248 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

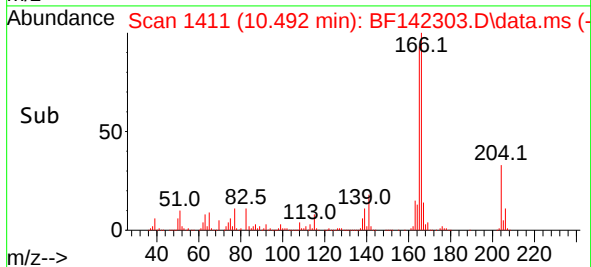
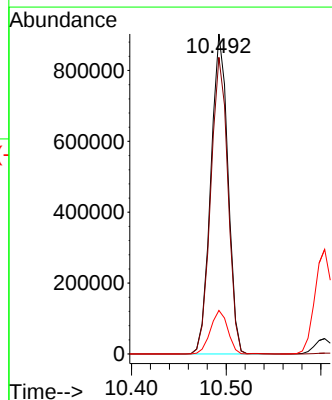
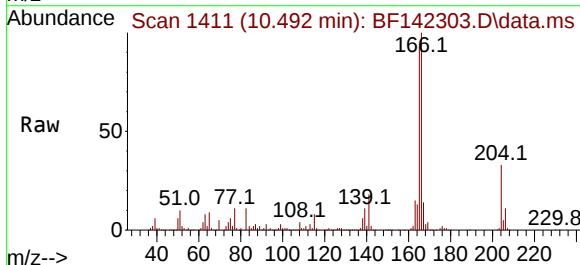
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

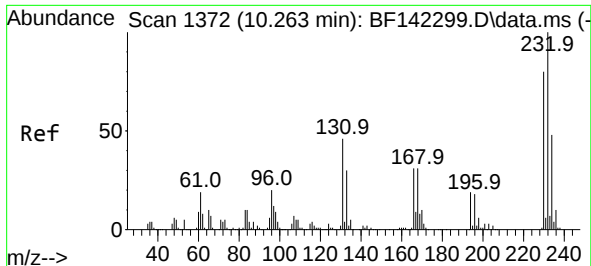
Tgt Ion:165 Resp: 334070
Ion Ratio Lower Upper
165 100
63 45.0 37.1 55.7
89 65.5 54.4 81.6
182 2.4 2.2 3.2



#58
Fluorene
Concen: 36.712 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:166 Resp: 1135685
Ion Ratio Lower Upper
166 100
165 92.7 74.0 111.0
167 13.6 10.9 16.3

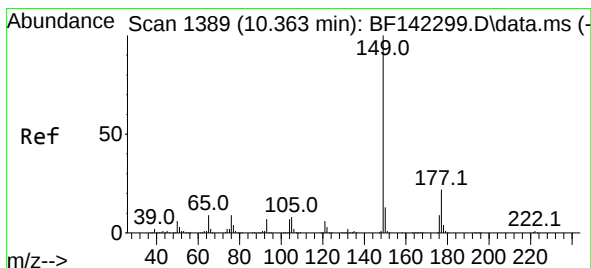
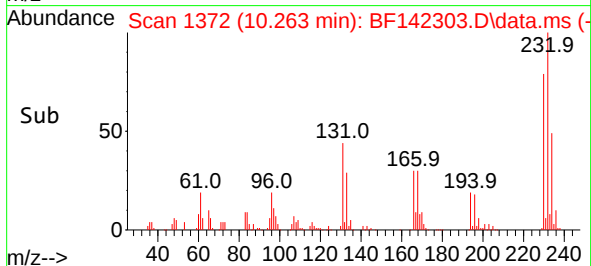
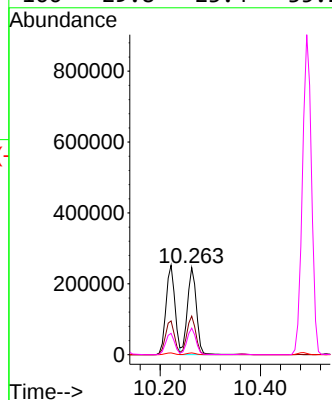
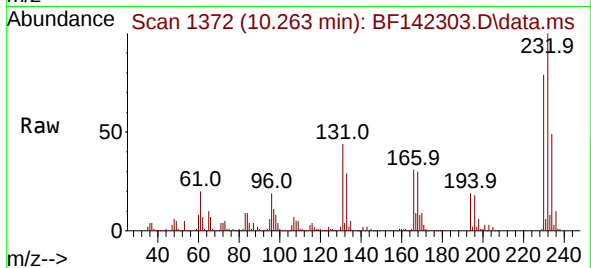




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.630 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

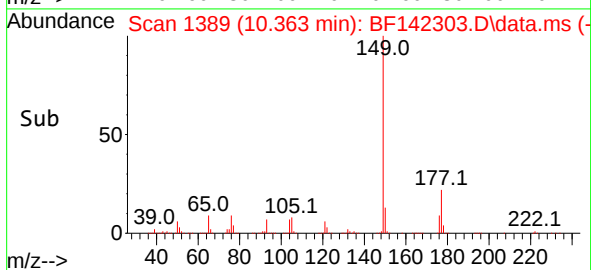
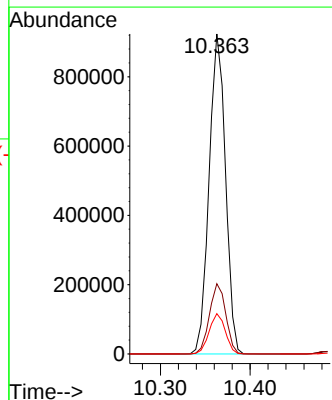
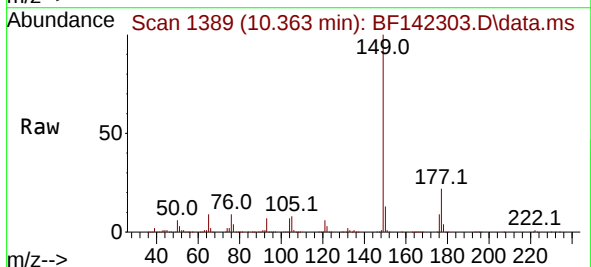
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

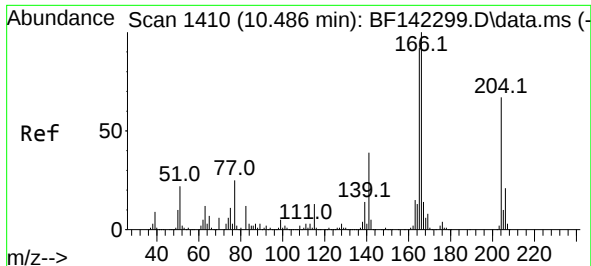
Tgt Ion:232 Resp: 308477
Ion Ratio Lower Upper
232 100
131 44.2 36.0 54.0
130 2.0 1.8 2.6
166 29.8 23.4 35.2



#60
Diethylphthalate
Concen: 38.064 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:149 Resp: 1168902
Ion Ratio Lower Upper
149 100
177 22.0 17.6 26.4
150 12.6 10.1 15.1

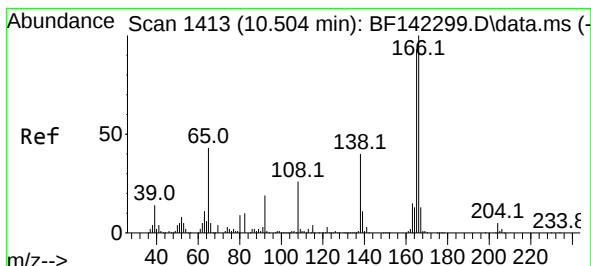
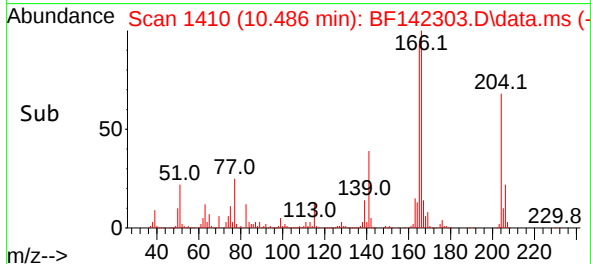
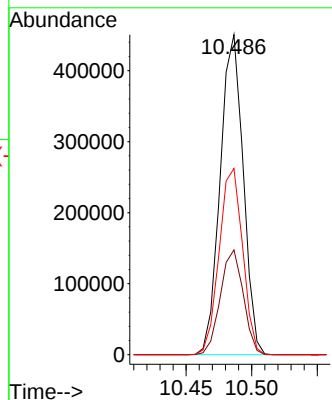
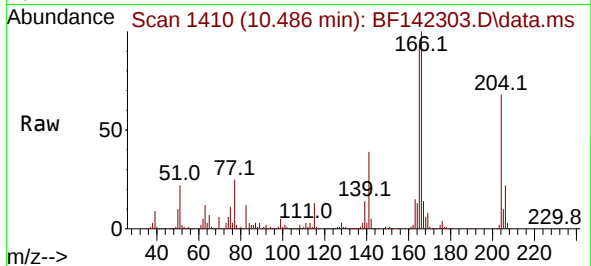




#61
4-Chlorophenyl-phenylether
Concen: 36.826 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

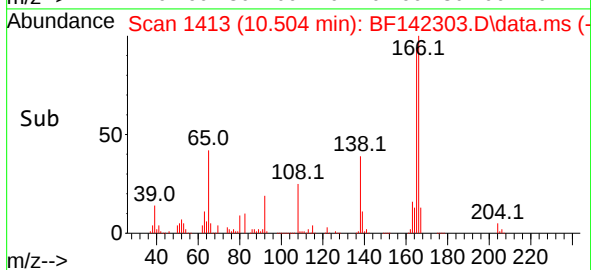
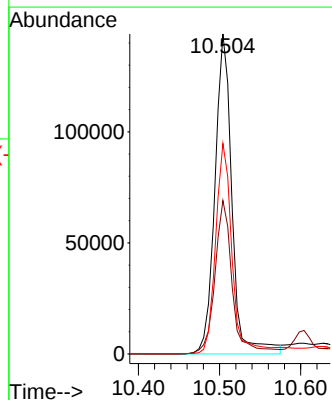
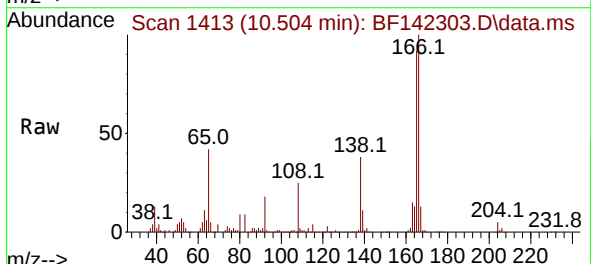
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

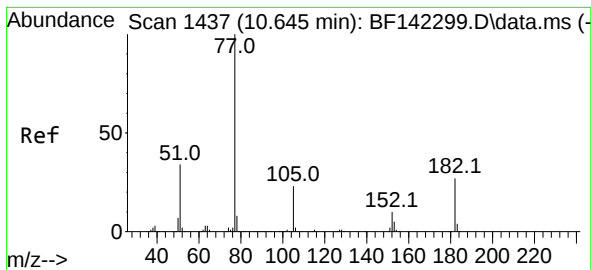
Tgt Ion:204 Resp: 549616
Ion Ratio Lower Upper
204 100
206 32.8 25.5 38.3
141 58.2 46.4 69.6



#62
4-Nitroaniline
Concen: 39.327 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:138 Resp: 210408
Ion Ratio Lower Upper
138 100
92 47.9 27.3 67.3
108 65.8 45.1 85.1



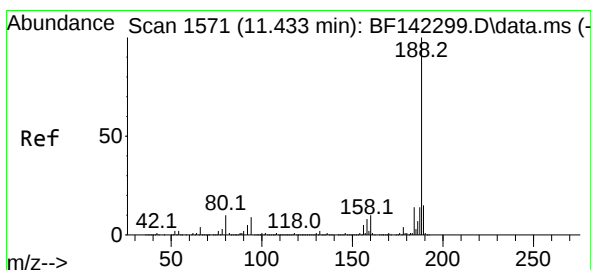
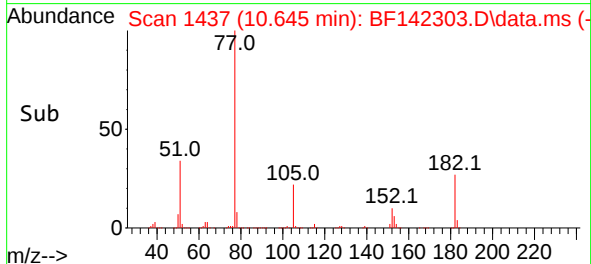
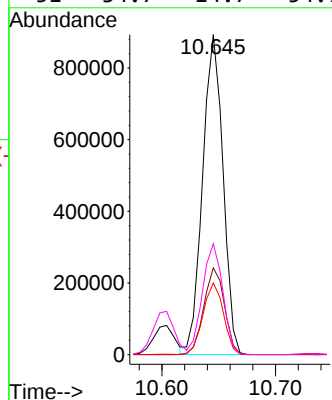
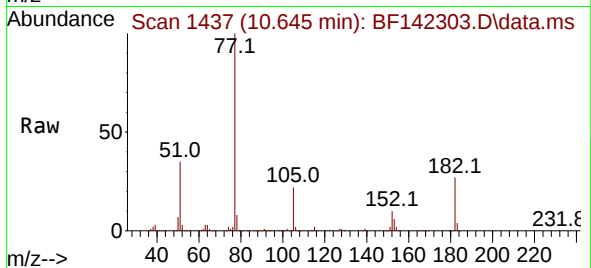


#63
Azobenzene
Concen: 37.908 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Tgt Ion: 77 Resp: 1112390

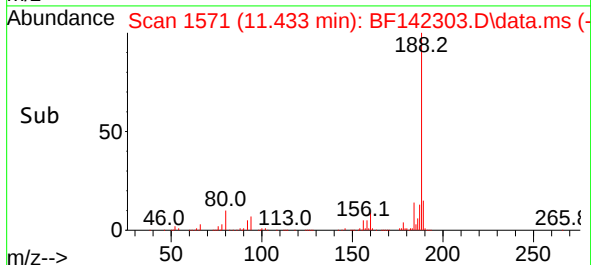
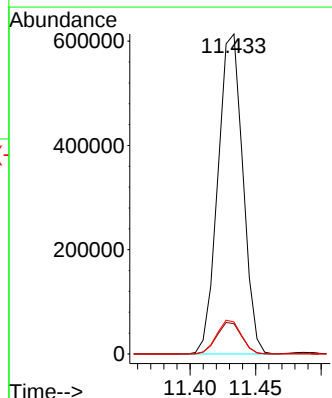
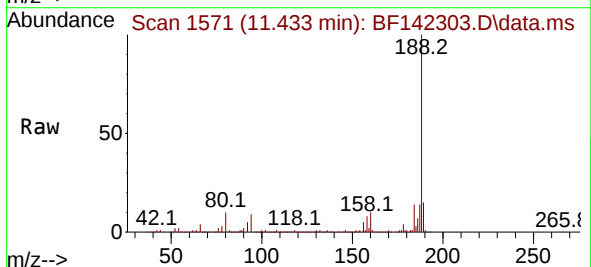
Ion	Ratio	Lower	Upper
77	100		
182	27.2	6.9	46.9
105	22.4	2.7	42.7
51	34.7	14.7	54.7

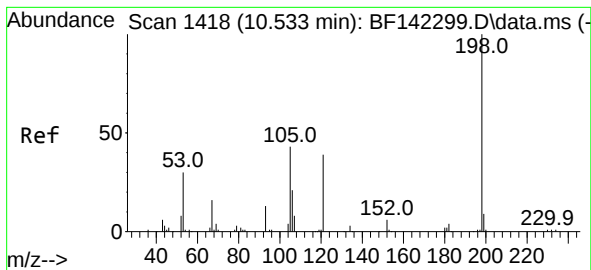


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 188 Resp: 810843

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	10.0	7.9	11.9

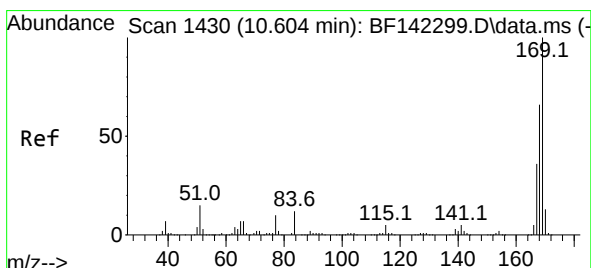
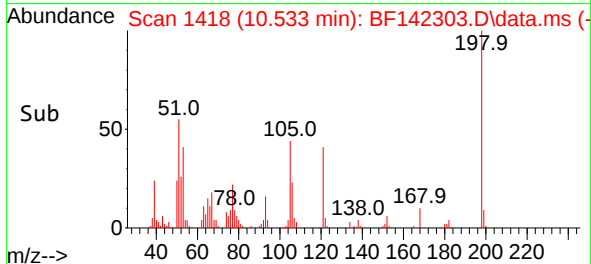
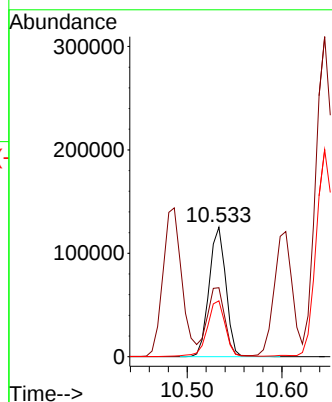
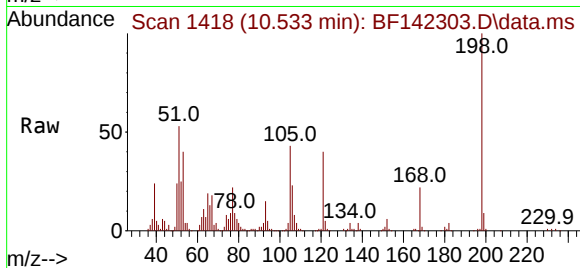




#65
4,6-Dinitro-2-methylphenol
Concen: 41.574 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

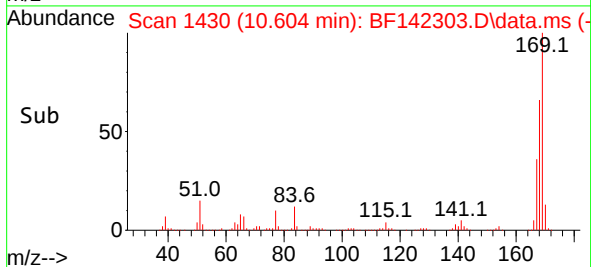
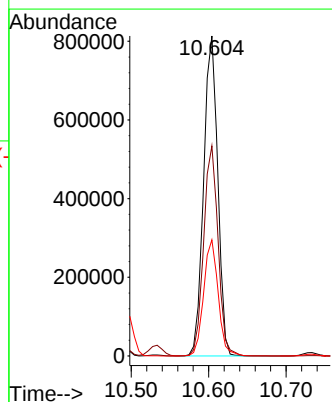
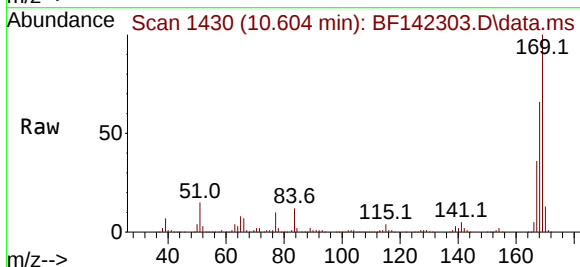
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

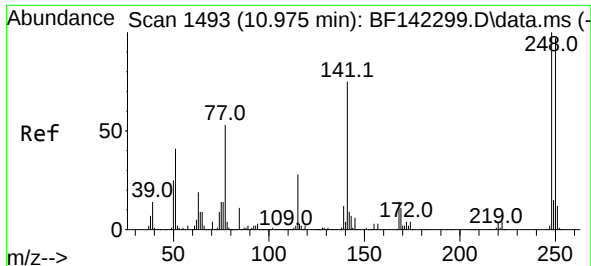
Tgt Ion:198 Resp: 152861
Ion Ratio Lower Upper
198 100
51 53.3 32.9 72.9
105 43.1 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 38.096 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:169 Resp: 1027891
Ion Ratio Lower Upper
169 100
168 65.7 53.2 79.8
167 36.3 28.9 43.3

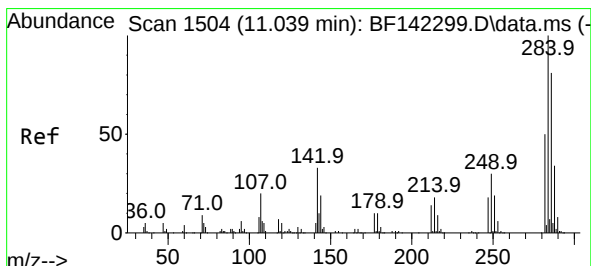
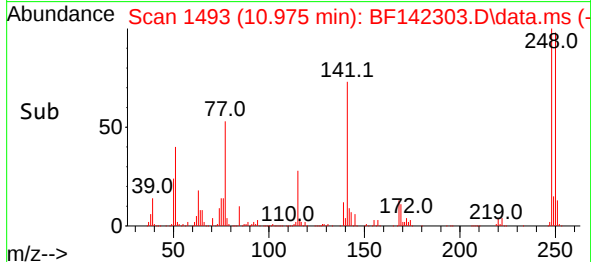
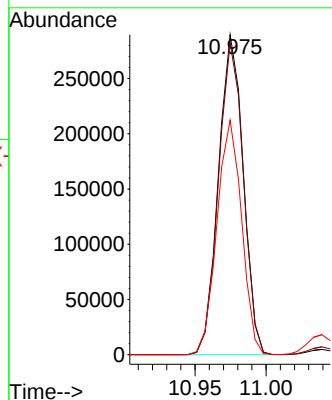
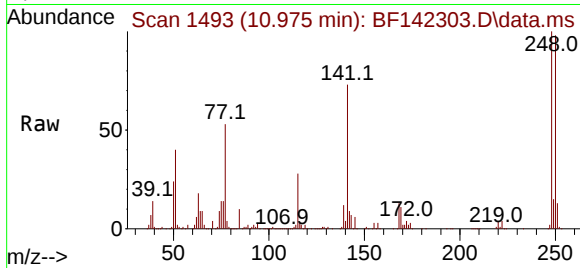




#67
4-Bromophenyl-phenylether
Concen: 38.308 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

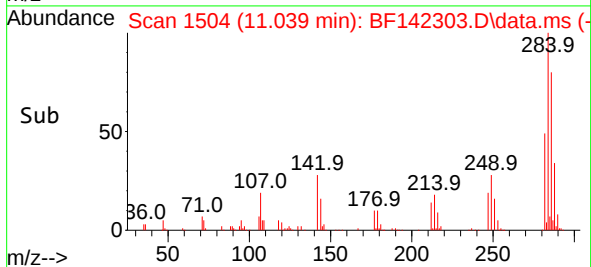
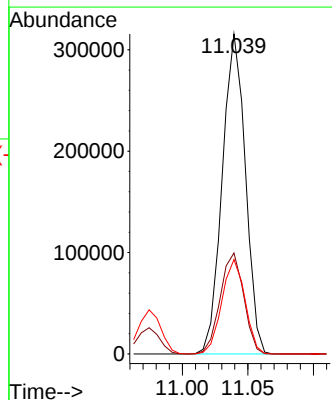
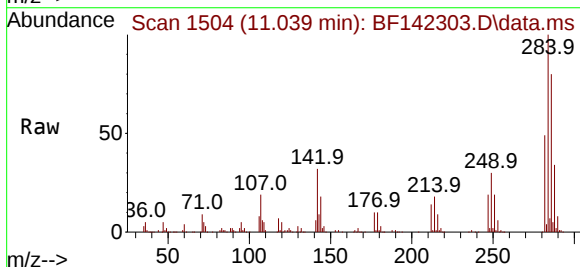
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Tgt Ion:248 Resp: 352033
Ion Ratio Lower Upper
248 100
250 97.5 77.9 116.9
141 73.3 59.8 89.8



#68
Hexachlorobenzene
Concen: 38.273 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:284 Resp: 386876
Ion Ratio Lower Upper
284 100
142 31.5 26.6 39.8
249 29.5 24.1 36.1





#69

Atrazine

Concen: 41.032 ng

RT: 11.128 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF142303.D

Acq: 05 May 2025 18:13

Instrument :

BNA_F

ClientSampleId :

ICVBF050525

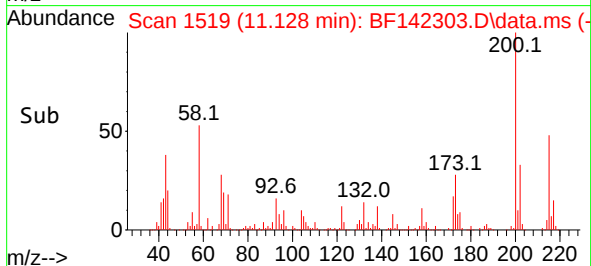
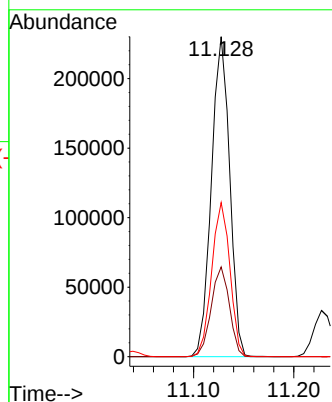
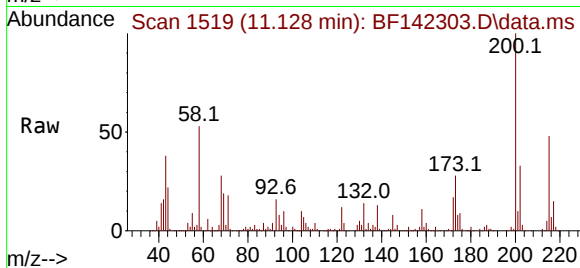
Tgt Ion:200 Resp: 291834

Ion Ratio Lower Upper

200 100

173 28.0 8.1 48.1

215 48.2 28.8 68.8



#70

Pentachlorophenol

Concen: 43.855 ng

RT: 11.228 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF142303.D

Acq: 05 May 2025 18:13

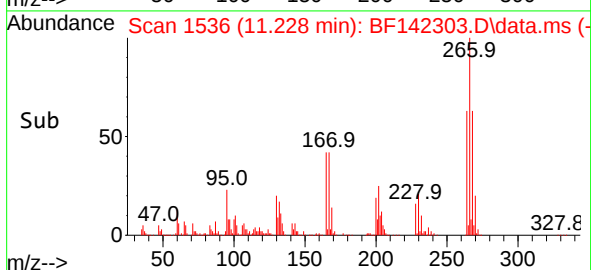
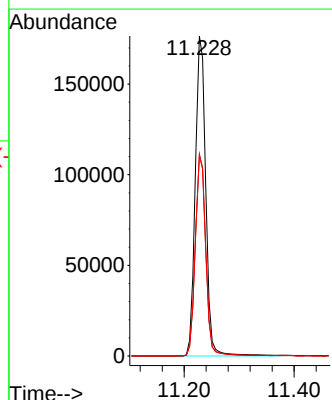
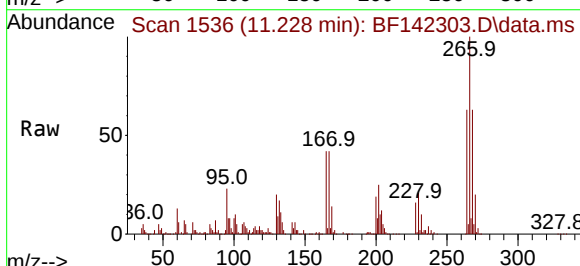
Tgt Ion:266 Resp: 233208

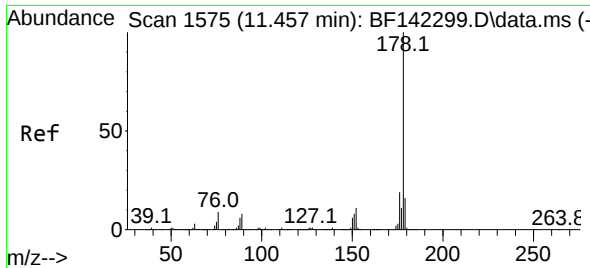
Ion Ratio Lower Upper

266 100

268 62.9 48.7 73.1

264 62.9 49.8 74.6

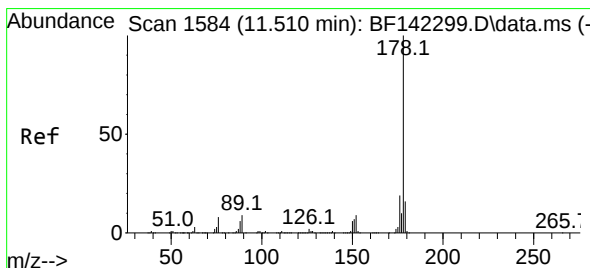
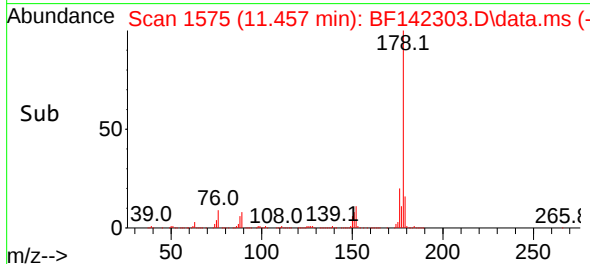
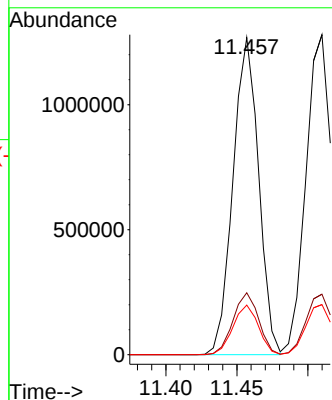
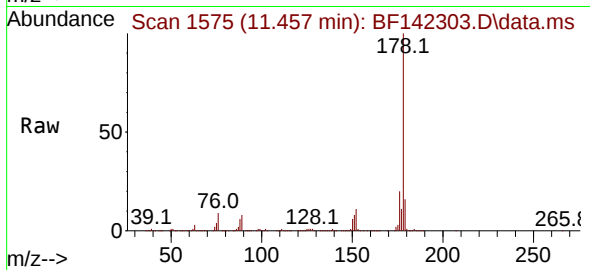




#71
Phenanthrene
Concen: 37.441 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

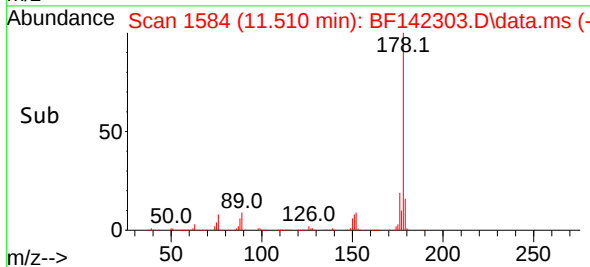
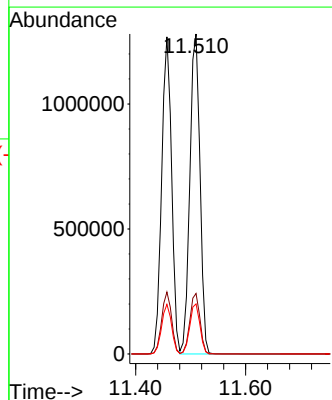
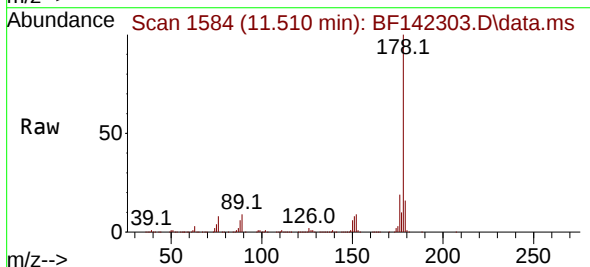
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

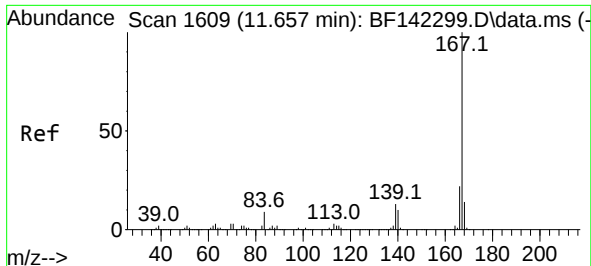
Tgt Ion:178 Resp: 1591319
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.6 12.6 18.8



#72
Anthracene
Concen: 37.410 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:178 Resp: 1633756
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.7 12.6 18.8



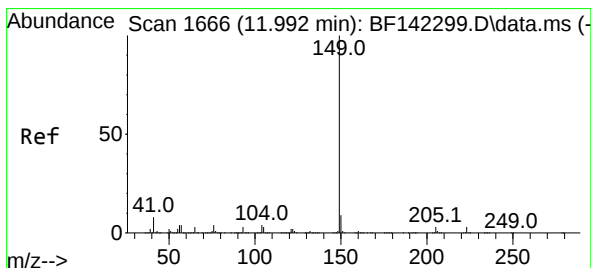
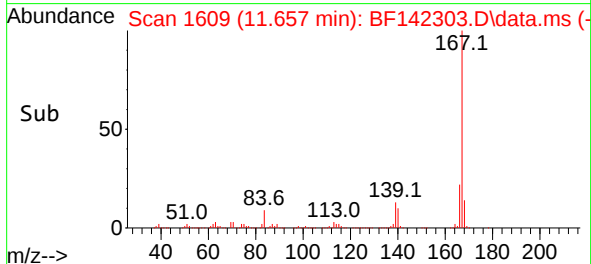
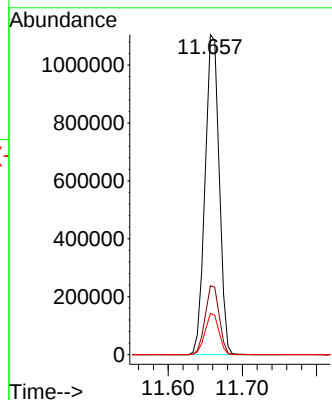
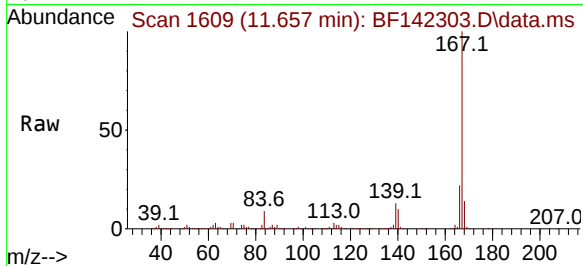


#73
 Carbazole
 Concen: 37.428 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF142303.D
 Acq: 05 May 2025 18:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050525

Tgt Ion:167 Resp: 1466436

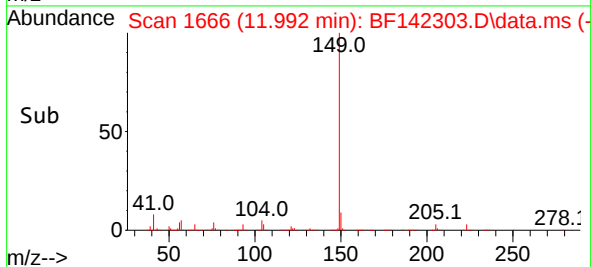
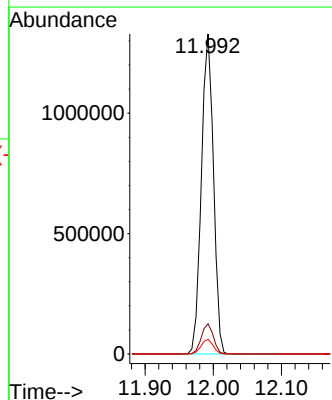
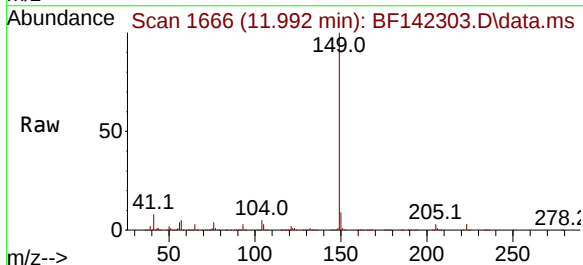
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.9	10.3	15.5

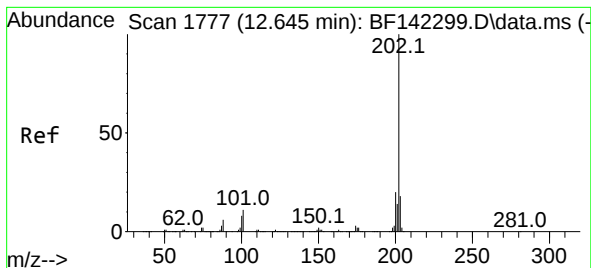


#74
 Di-n-butylphthalate
 Concen: 39.694 ng
 RT: 11.992 min Scan# 1666
 Delta R.T. -0.000 min
 Lab File: BF142303.D
 Acq: 05 May 2025 18:13

Tgt Ion:149 Resp: 1635344

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	4.5	3.6	5.4





#75

Fluoranthene

Concen: 36.731 ng

RT: 12.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142303.D

Acq: 05 May 2025 18:13

Instrument :

BNA_F

ClientSampleId :

ICVBF050525

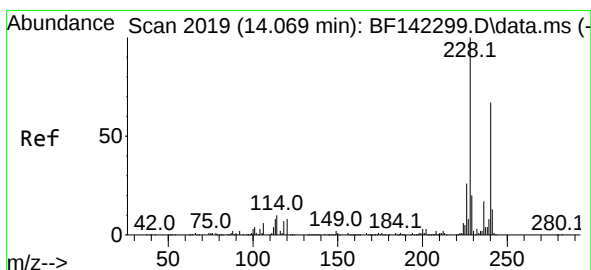
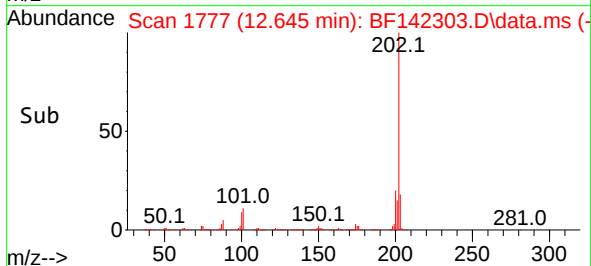
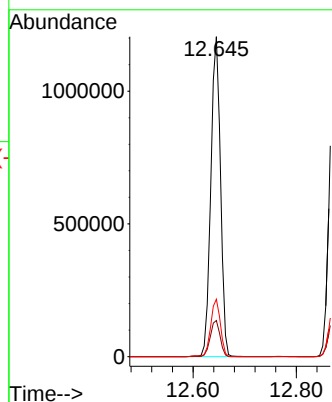
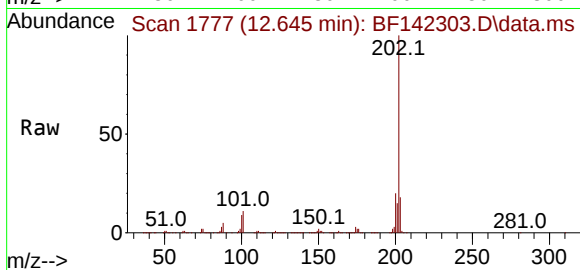
Tgt Ion:202 Resp: 1560552

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.4

203 18.0 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF142303.D

Acq: 05 May 2025 18:13

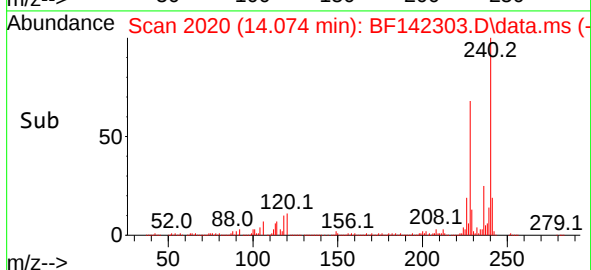
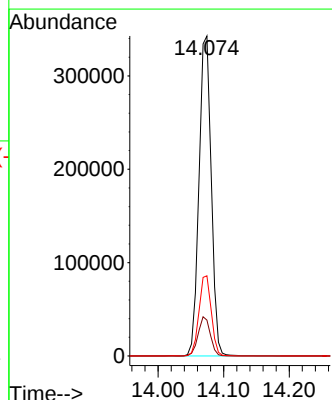
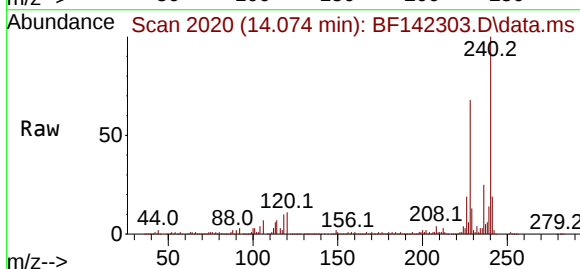
Tgt Ion:240 Resp: 446151

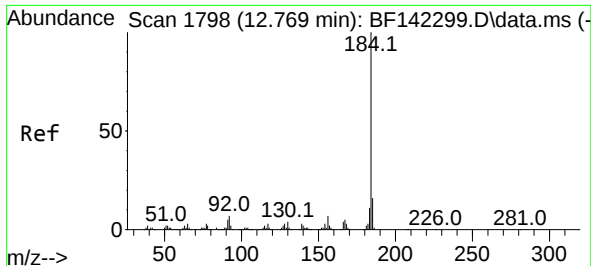
Ion Ratio Lower Upper

240 100

120 11.2 9.7 14.5

236 25.1 20.0 30.0

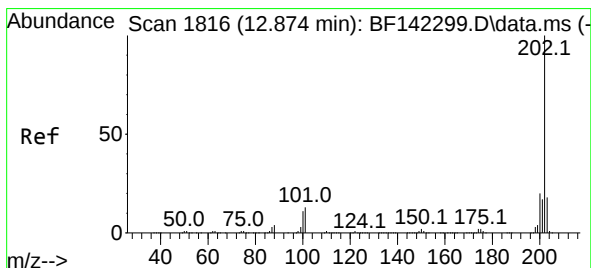
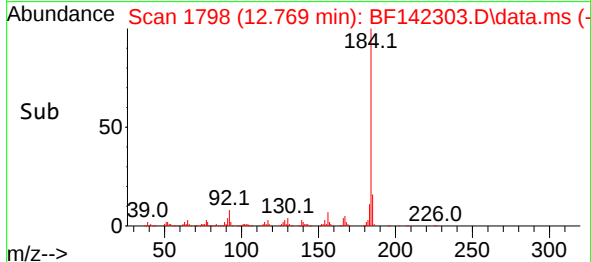
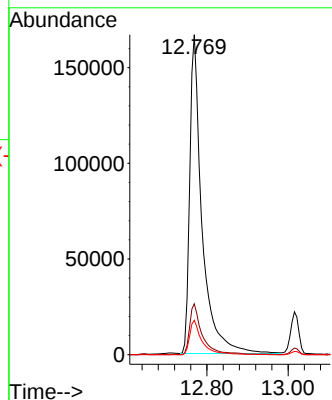
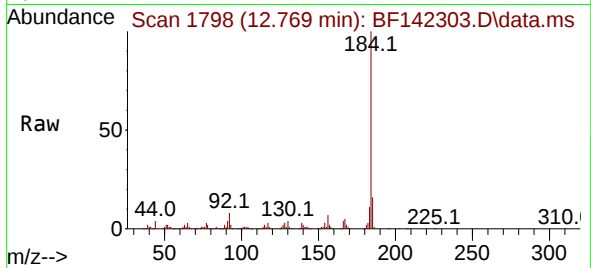




#77
Benzidine
Concen: 43.136 ng
RT: 12.769 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

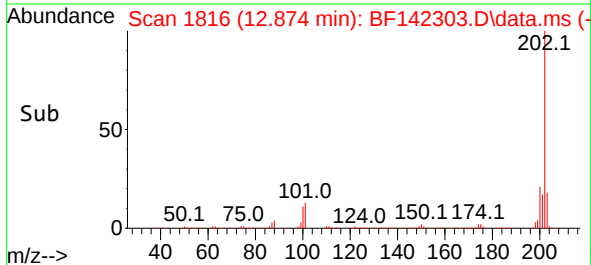
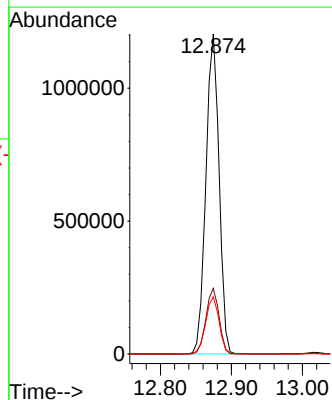
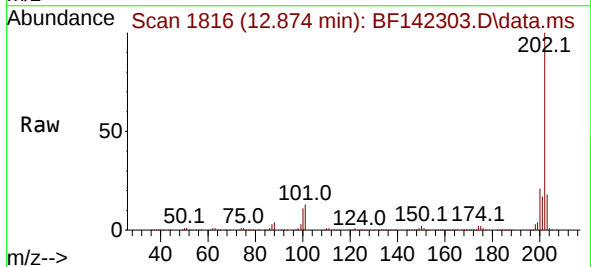
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

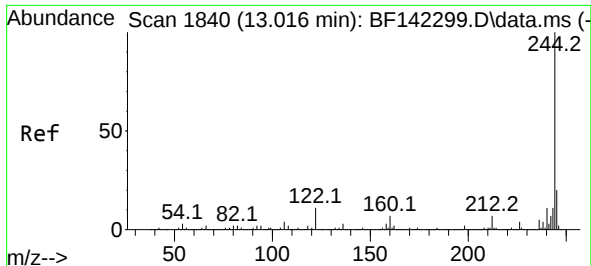
Tgt Ion:184 Resp: 349742
Ion Ratio Lower Upper
184 100
185 15.9 12.6 18.8
183 10.8 8.6 12.8



#78
Pyrene
Concen: 39.120 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

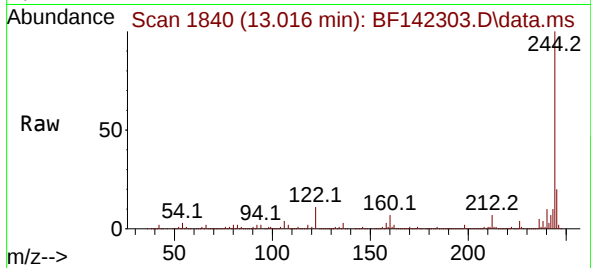
Tgt Ion:202 Resp: 1553540
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.4
203 17.9 14.3 21.5



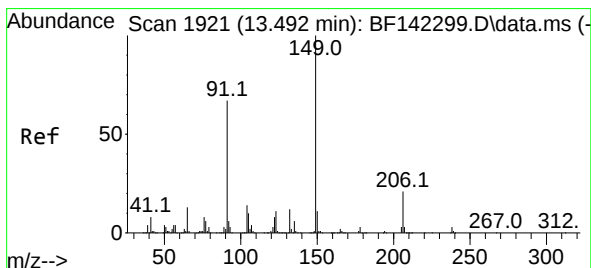
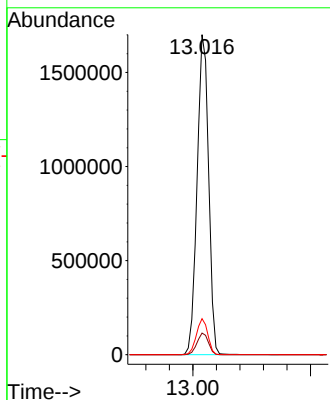
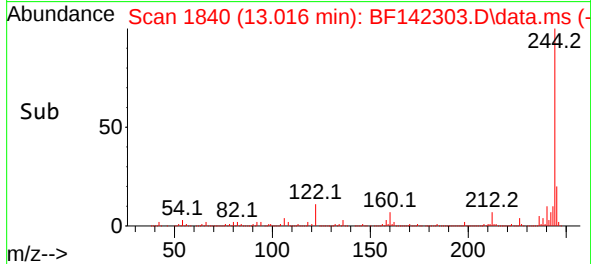


#79
 Terphenyl-d14
 Concen: 76.366 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF142303.D
 Acq: 05 May 2025 18:13

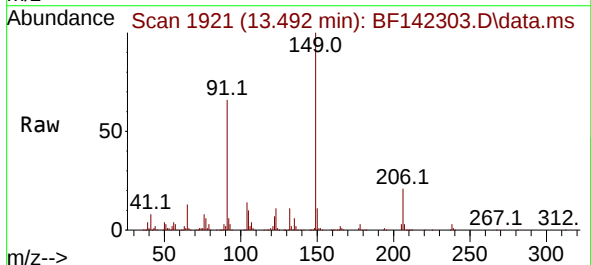
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050525



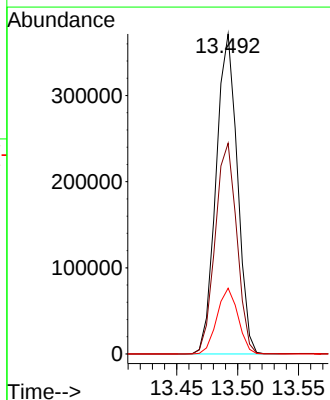
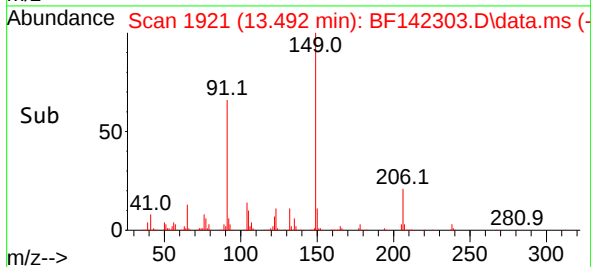
Tgt Ion:244 Resp: 2301923
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.3 9.0 13.4

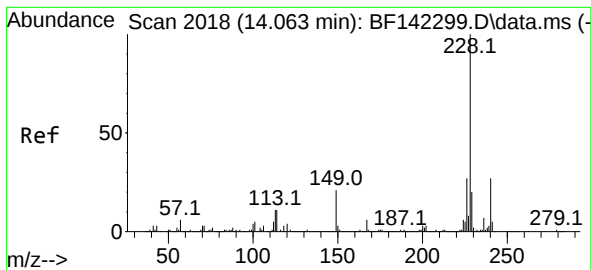


#80
 Butylbenzylphthalate
 Concen: 39.681 ng
 RT: 13.492 min Scan# 1921
 Delta R.T. 0.000 min
 Lab File: BF142303.D
 Acq: 05 May 2025 18:13



Tgt Ion:149 Resp: 451916
 Ion Ratio Lower Upper
 149 100
 91 65.8 53.8 80.6
 206 20.5 16.6 24.8





#81

Benzo(a)anthracene

Concen: 38.827 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF142303.D

Acq: 05 May 2025 18:13

Instrument :

BNA_F

ClientSampleId :

ICVBF050525

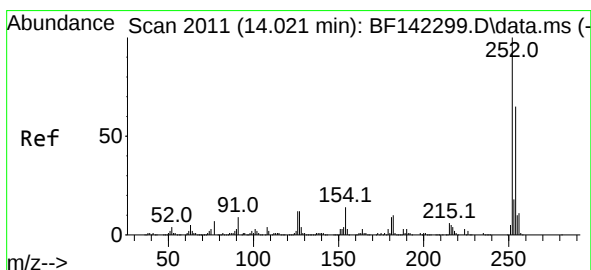
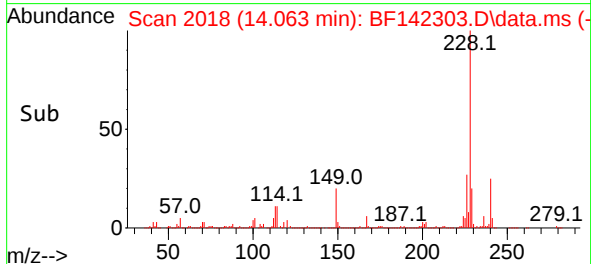
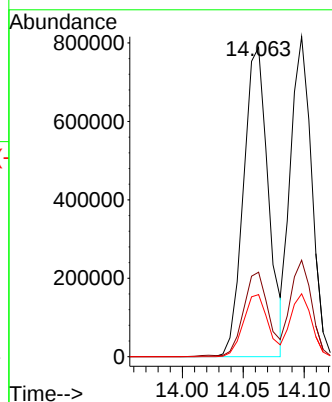
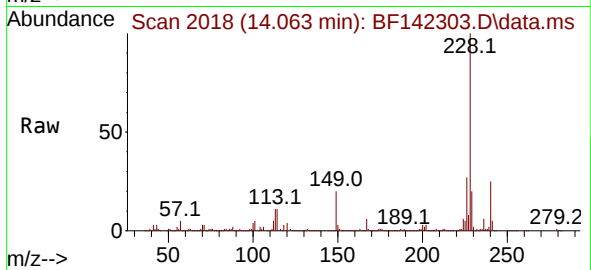
Tgt Ion:228 Resp: 1121831

Ion Ratio Lower Upper

228 100

226 27.3 21.5 32.3

229 20.0 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 41.464 ng

RT: 14.021 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF142303.D

Acq: 05 May 2025 18:13

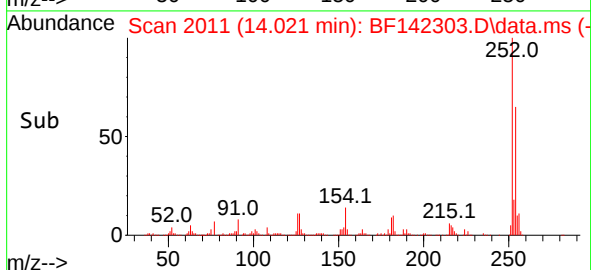
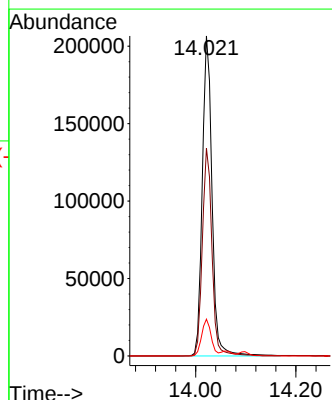
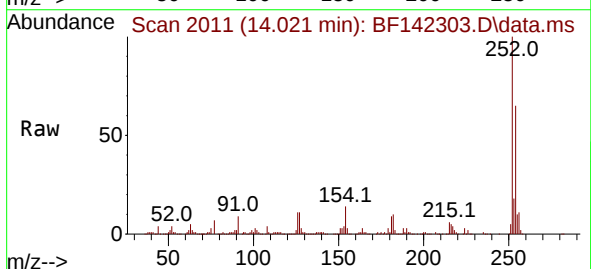
Tgt Ion:252 Resp: 278603

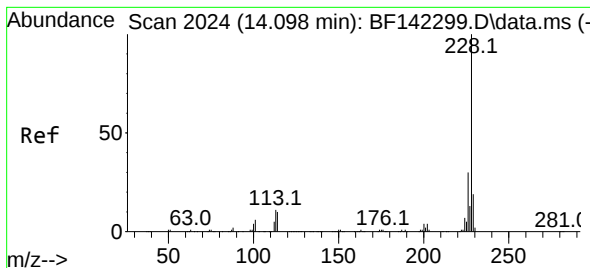
Ion Ratio Lower Upper

252 100

254 64.9 52.0 78.0

126 11.5 9.7 14.5





#83

Chrysene

Concen: 36.701 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF142303.D

Acq: 05 May 2025 18:13

Instrument :

BNA_F

ClientSampleId :

ICVBF050525

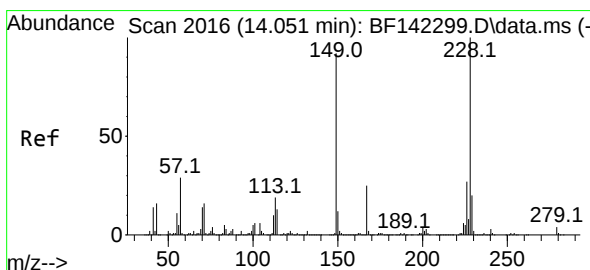
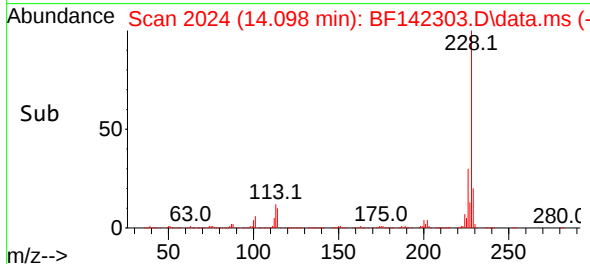
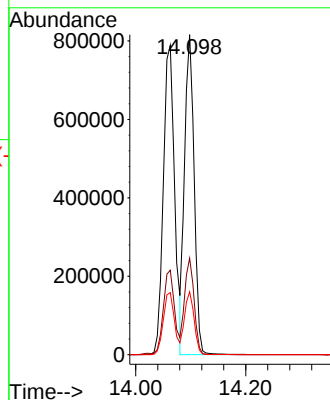
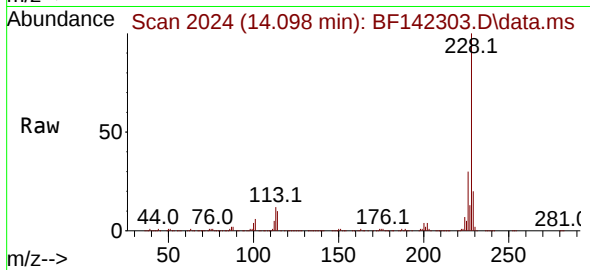
Tgt Ion:228 Resp: 987170

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 19.7 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.051 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF142303.D

Acq: 05 May 2025 18:13

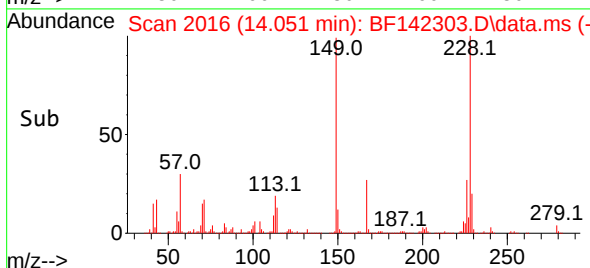
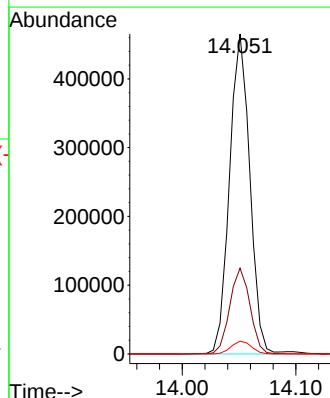
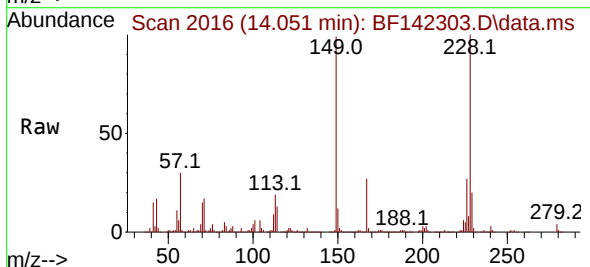
Tgt Ion:149 Resp: 576295

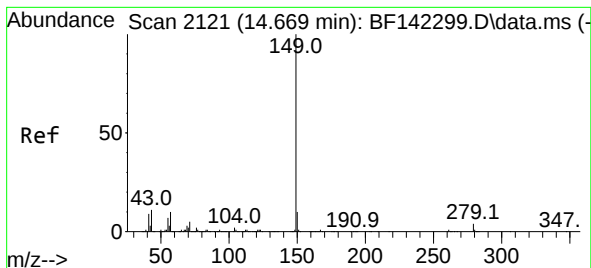
Ion Ratio Lower Upper

149 100

167 26.8 22.0 33.0

279 4.0 3.0 4.6

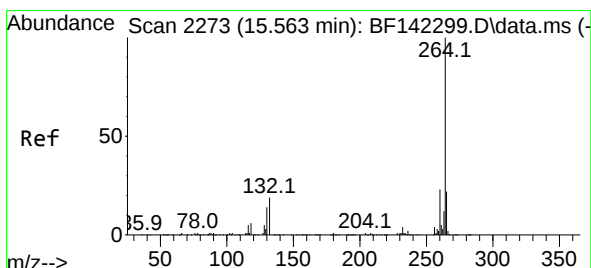
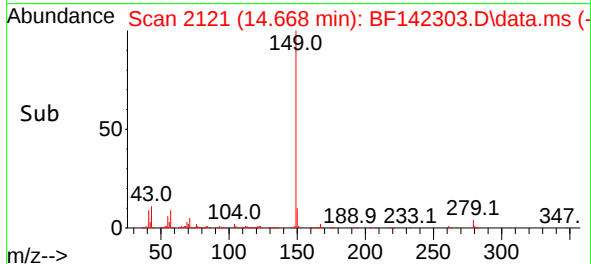
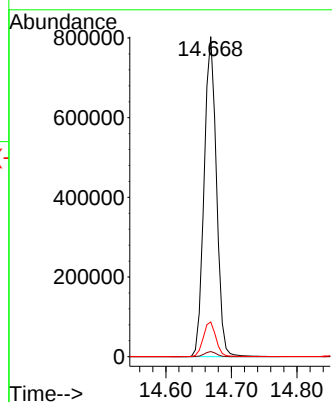
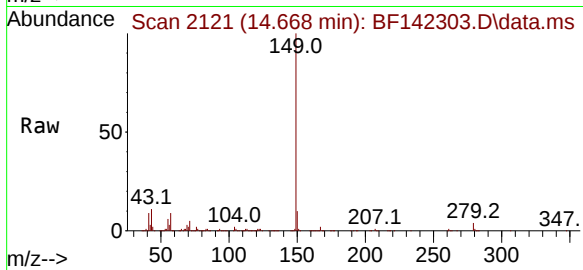




#85
Di-n-octyl phthalate
Concen: 40.234 ng
RT: 14.668 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

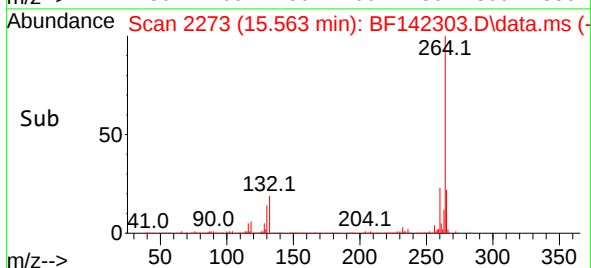
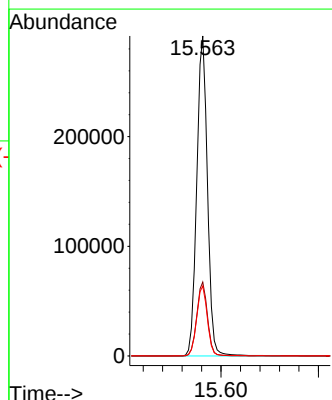
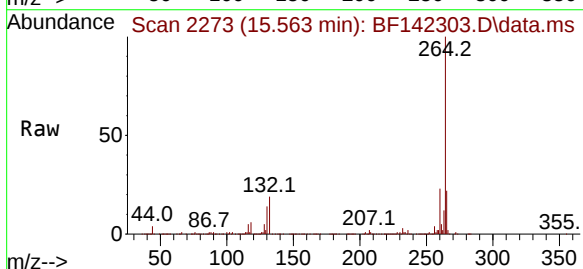
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

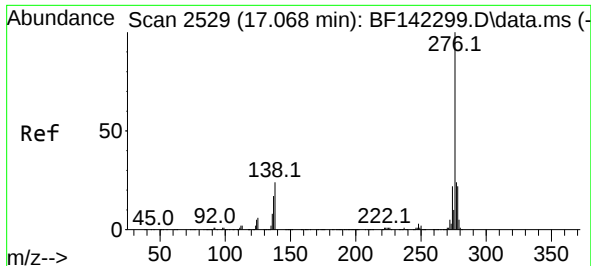
Tgt Ion:149 Resp: 1053573
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.3 9.2 13.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:264 Resp: 447218
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 21.9 17.5 26.3

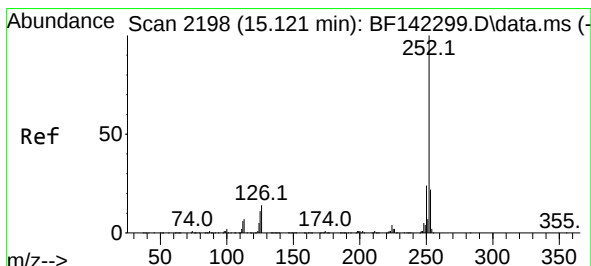
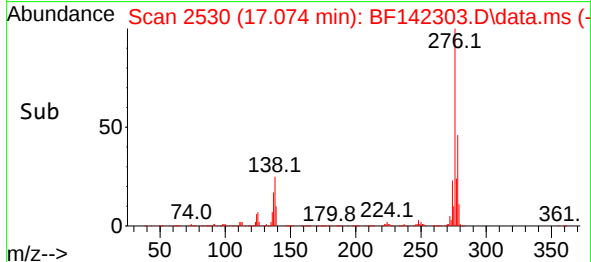
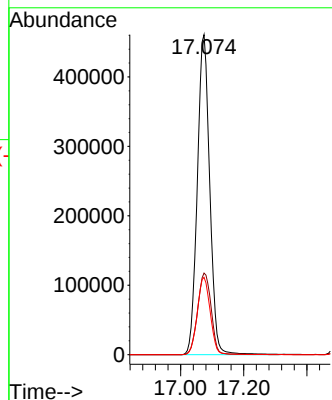
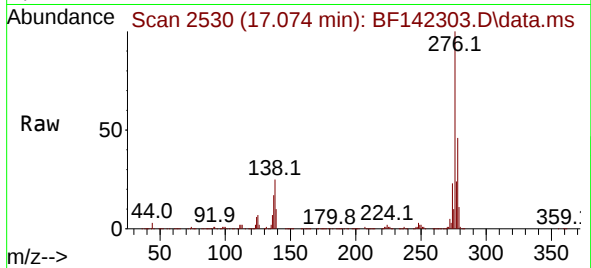




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.452 ng
 RT: 17.074 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF142303.D
 Acq: 05 May 2025 18:13

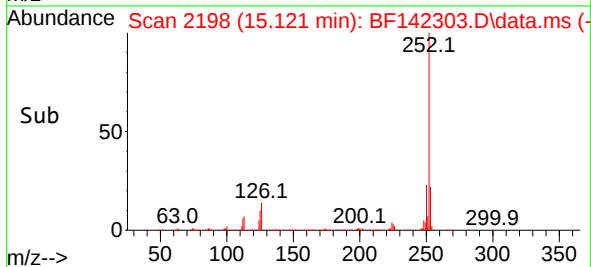
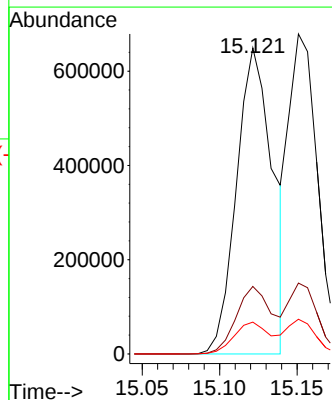
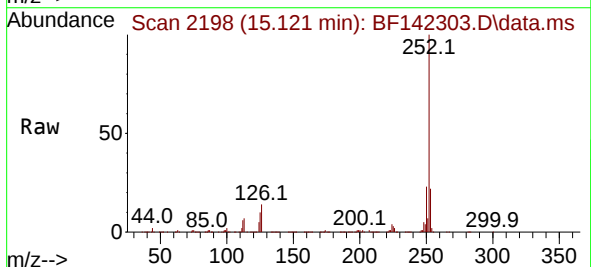
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050525

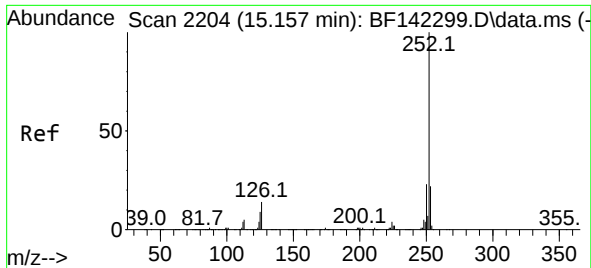
Tgt Ion:276 Resp: 1258449
 Ion Ratio Lower Upper
 276 100
 138 27.8 22.0 33.0
 277 25.2 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 38.957 ng
 RT: 15.121 min Scan# 2198
 Delta R.T. -0.000 min
 Lab File: BF142303.D
 Acq: 05 May 2025 18:13

Tgt Ion:252 Resp: 1055207
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 10.4 8.7 13.1

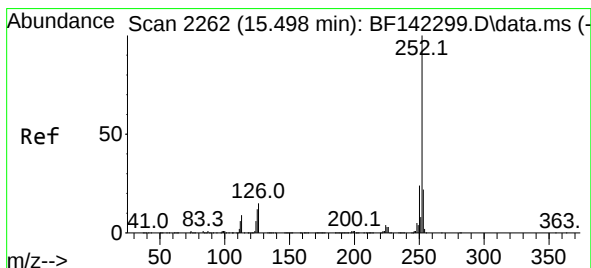
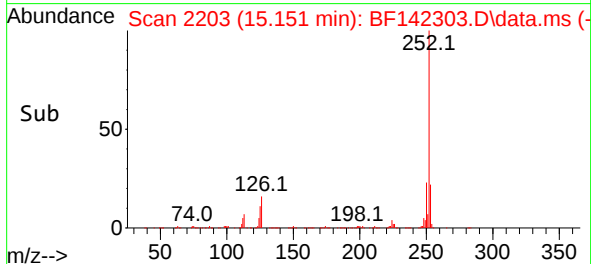
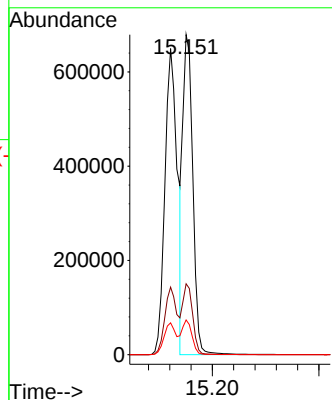
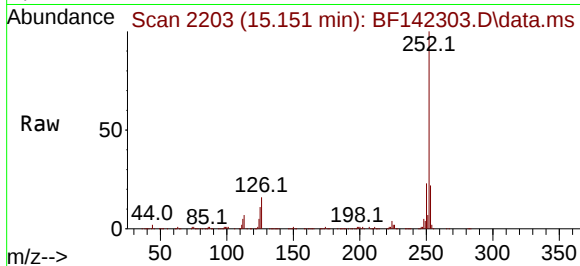




#89
Benzo(k)fluoranthene
Concen: 35.727 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

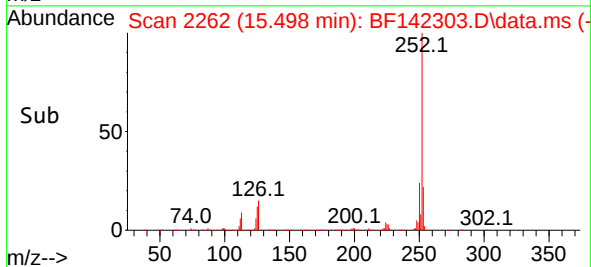
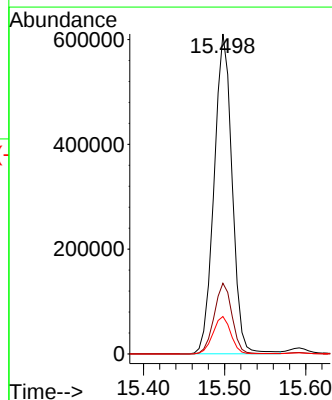
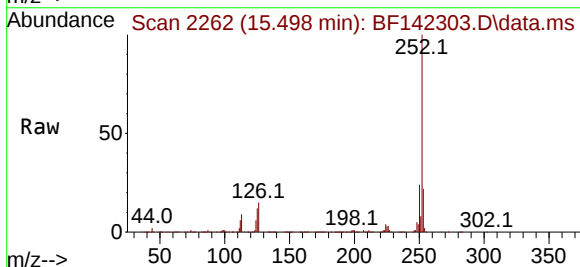
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

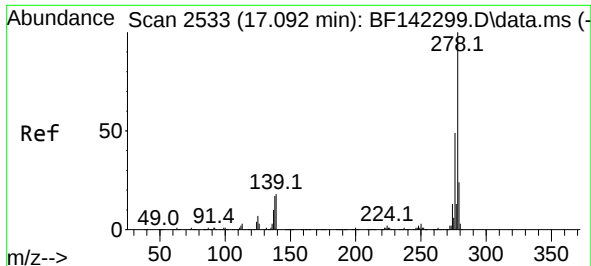
Tgt Ion:252 Resp: 885574
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 10.8 8.1 12.1



#90
Benzo(a)pyrene
Concen: 38.871 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:252 Resp: 943474
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 11.7 9.4 14.0

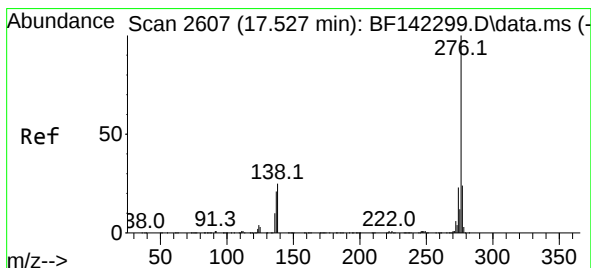
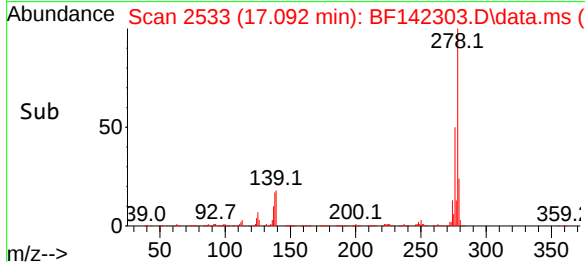
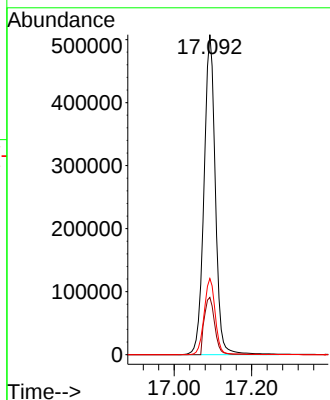
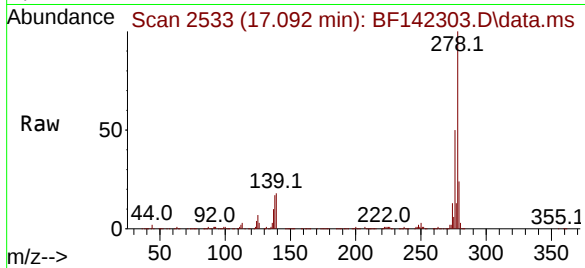




#91
Dibenzo(a,h)anthracene
Concen: 40.084 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Tgt Ion:278 Resp: 1030211
Ion Ratio Lower Upper
278 100
139 17.9 14.5 21.7
279 23.8 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 40.171 ng
RT: 17.533 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:276 Resp: 1024727
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 23.3 19.8 29.6

