

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142120.D
 Acq On : 27 Mar 2025 12:02
 Operator : RC/JU
 Sample : PB167326BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167326BSD

Quant Time: Mar 27 13:06:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	128359	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	506436	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	293607	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	571064	20.000	ng	0.00
76) Chrysene-d12	14.039	240	370781	20.000	ng	0.00
86) Perylene-d12	15.509	264	364885	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1098038	142.770	ng	0.00
7) Phenol-d6	6.498	99	1345902	137.445	ng	0.00
23) Nitrobenzene-d5	7.434	82	895014	99.455	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	643432	172.743	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1908522	98.857	ng	-0.01
79) Terphenyl-d14	12.980	244	2716225	108.307	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	134943	41.875	ng	96
3) Pyridine	3.475	79	316024	39.980	ng	97
4) n-Nitrosodimethylamine	3.416	42	150383	39.910	ng	94
6) Aniline	6.534	93	342994	35.507	ng	100
8) 2-Chlorophenol	6.657	128	388457	45.541	ng	97
9) Benzaldehyde	6.422	77	89697	16.378	ng	99
10) Phenol	6.516	94	446419	43.334	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	332717	43.012	ng	98
12) 1,3-Dichlorobenzene	6.810	146	407468	44.247	ng	99
13) 1,4-Dichlorobenzene	6.886	146	416282	44.678	ng	99
14) 1,2-Dichlorobenzene	7.039	146	396652	45.197	ng	98
15) Benzyl Alcohol	7.010	79	326852	41.287	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	365739	39.163	ng	98
17) 2-Methylphenol	7.122	107	302999	44.676	ng	99
18) Hexachloroethane	7.381	117	153899	44.047	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	248686	39.523	ng	98
20) 3+4-Methylphenols	7.275	107	377478	43.453	ng	# 78
22) Acetophenone	7.281	105	565019	46.588	ng	99
24) Nitrobenzene	7.451	77	386464	43.198	ng	98
25) Isophorone	7.692	82	704886	44.312	ng	99
26) 2-Nitrophenol	7.769	139	210358	47.909	ng	97
27) 2,4-Dimethylphenol	7.804	122	325380	53.817	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	417173	41.812	ng	100
29) 2,4-Dichlorophenol	8.010	162	334484	44.571	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	361727	43.739	ng	99
31) Naphthalene	8.175	128	1109339	42.643	ng	100
32) Benzoic acid	7.922	122	266839	50.209	ng	96
33) 4-Chloroaniline	8.222	127	161312	17.565	ng	97
34) Hexachlorobutadiene	8.292	225	244475	45.329	ng	99
35) Caprolactam	8.592	113	72603	31.733	ng	89
36) 4-Chloro-3-methylphenol	8.704	107	364359	43.525	ng	97
37) 2-Methylnaphthalene	8.863	142	729673	41.963	ng	99
38) 1-Methylnaphthalene	8.963	142	710214	42.326	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	437099	48.897	ng	99
41) Hexachlorocyclopentadiene	9.016	237	542675	155.120	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	262235	44.887	ng	99

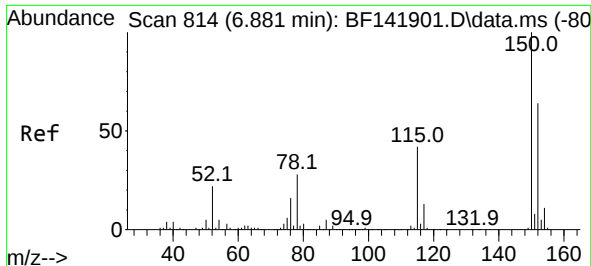
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
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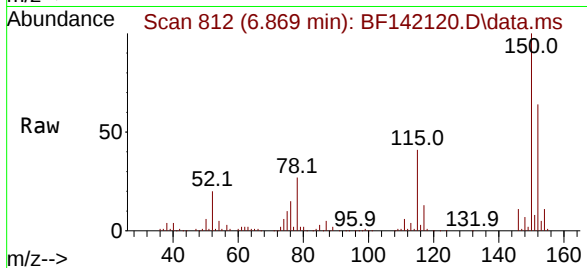
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	276957	46.808	ng	99
46) 1,1'-Biphenyl	9.328	154	1073797	48.134	ng	99
47) 2-Chloronaphthalene	9.357	162	737688	44.365	ng	98
48) 2-Nitroaniline	9.451	65	216532	44.976	ng	96
49) Acenaphthylene	9.769	152	1155014	46.809	ng	100
50) Dimethylphthalate	9.627	163	915399	44.522	ng	100
51) 2,6-Dinitrotoluene	9.692	165	200782	46.902	ng	93
52) Acenaphthene	9.945	154	872781	50.332	ng	100
53) 3-Nitroaniline	9.863	138	121605	28.004	ng	95
54) 2,4-Dinitrophenol	9.969	184	244415	98.804	ng	# 46
55) Dibenzofuran	10.116	168	1079259	43.558	ng	98
56) 4-Nitrophenol	10.022	139	323687	98.844	ng	97
57) 2,4-Dinitrotoluene	10.098	165	285275	51.021	ng	96
58) Fluorene	10.457	166	865980	45.321	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	258101	47.937	ng	96
60) Diethylphthalate	10.333	149	905154	44.151	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	450165	45.189	ng	96
62) 4-Nitroaniline	10.475	138	197627	46.747	ng	99
63) Azobenzene	10.610	77	793844	41.649	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	163659	48.073	ng	98
66) n-Nitrosodiphenylamine	10.569	169	766134	41.458	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	309451	43.148	ng	97
68) Hexachlorobenzene	11.004	284	363268	46.182	ng	96
69) Atrazine	11.098	200	335176	59.164	ng	98
70) Pentachlorophenol	11.198	266	441191	91.034	ng	99
71) Phenanthrene	11.422	178	1385798	44.928	ng	99
72) Anthracene	11.474	178	1418009	45.823	ng	100
73) Carbazole	11.627	167	1202459	45.056	ng	99
74) Di-n-butylphthalate	11.957	149	1531120	43.238	ng	99
75) Fluoranthene	12.610	202	1446036	44.195	ng	100
77) Benzidine	12.727	184	344081	66.514	ng	99
78) Pyrene	12.839	202	1404705	43.797	ng	99
80) Butylbenzylphthalate	13.457	149	553970	44.129	ng	96
81) Benzo(a)anthracene	14.027	228	1129956	46.441	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	200417	28.504	ng	99
83) Chrysene	14.063	228	994865	45.108	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	737838	42.629	ng	99
85) Di-n-octyl phthalate	14.621	149	1057849	43.925	ng	98
87) Indeno(1,2,3-cd)pyrene	17.003	276	1058528	44.846	ng	98
88) Benzo(b)fluoranthene	15.080	252	988239	39.517	ng	99
89) Benzo(k)fluoranthene	15.110	252	928386	43.381	ng	99
90) Benzo(a)pyrene	15.451	252	900651	46.028	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	873928	44.874	ng	99
92) Benzo(g,h,i)perylene	17.451	276	782366	40.652	ng	98

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

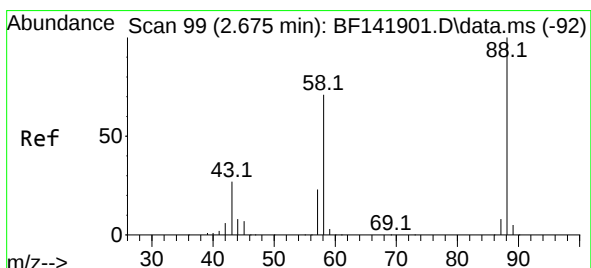
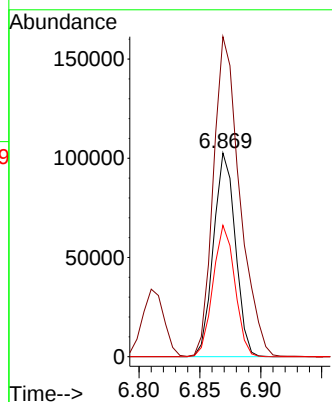
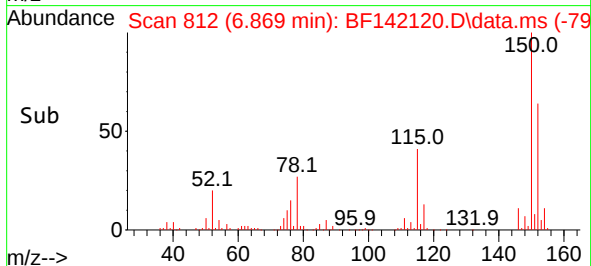


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

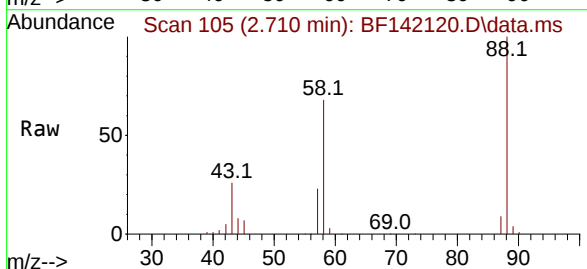
Instrument :
BNA_F
ClientSampleId :
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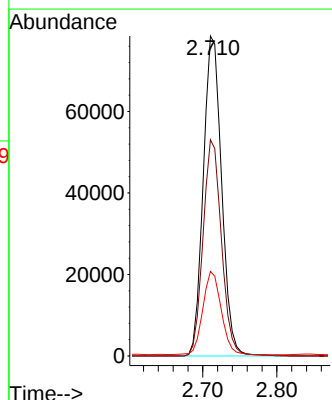
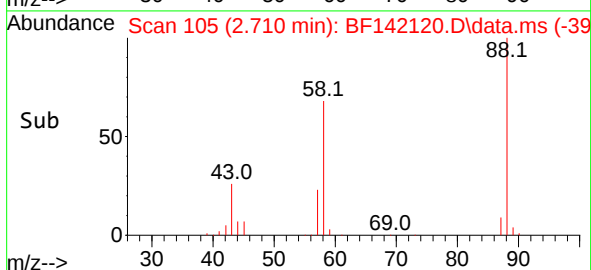
Tgt Ion:152 Resp: 128359
Ion Ratio Lower Upper
152 100
150 157.1 127.4 191.2
115 64.5 51.9 77.9

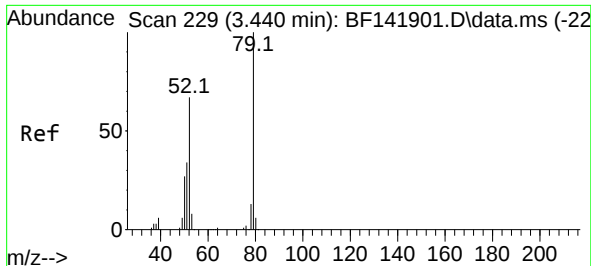


#2
1,4-Dioxane
Concen: 41.875 ng
RT: 2.710 min Scan# 105
Delta R.T. 0.035 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02



Tgt Ion: 88 Resp: 134943
Ion Ratio Lower Upper
88 100
58 68.0 57.4 86.2
43 26.5 21.5 32.3





#3

Pyridine

Concen: 39.980 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167326BSD

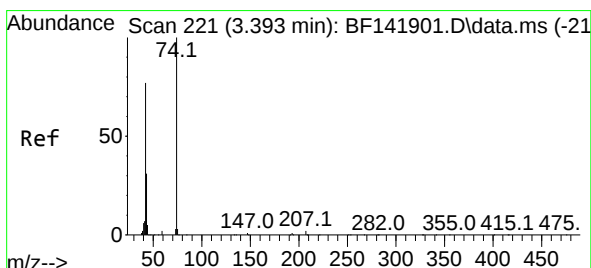
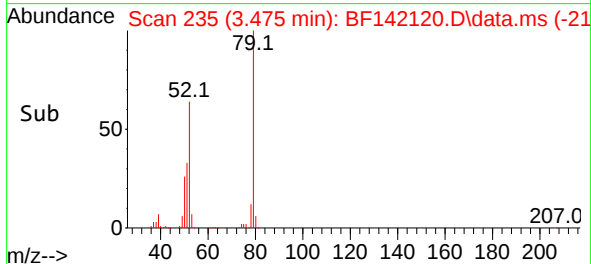
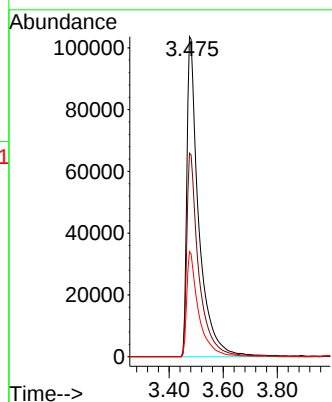
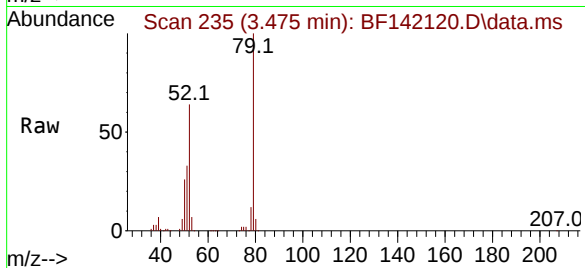
Tgt Ion: 79 Resp: 316024

Ion Ratio Lower Upper

79 100

52 63.6 53.3 79.9

51 32.8 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 39.910 ng

RT: 3.416 min Scan# 225

Delta R.T. 0.024 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

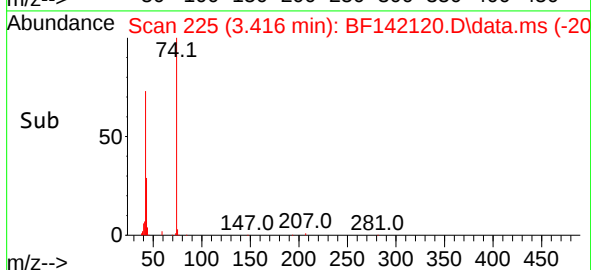
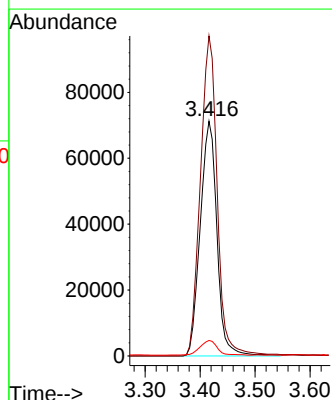
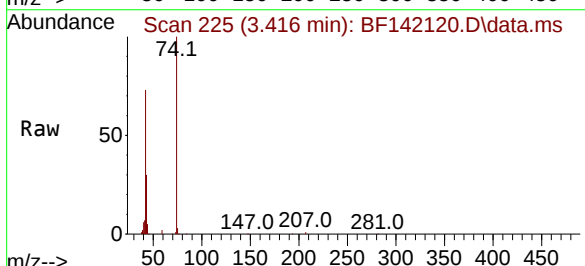
Tgt Ion: 42 Resp: 150383

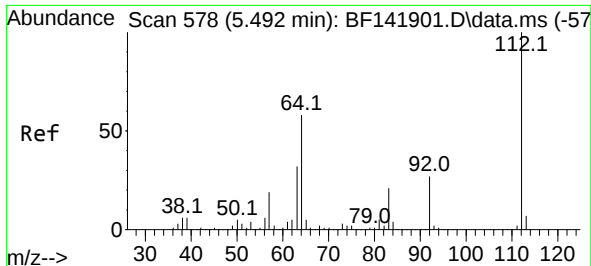
Ion Ratio Lower Upper

42 100

74 136.4 103.4 155.0

44 6.6 5.0 7.4

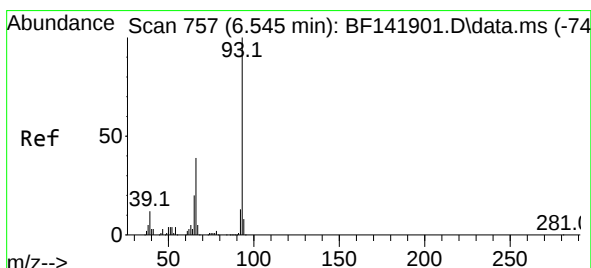
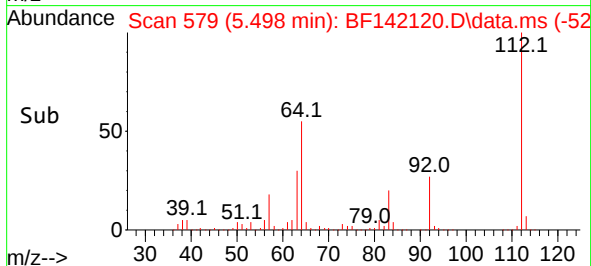
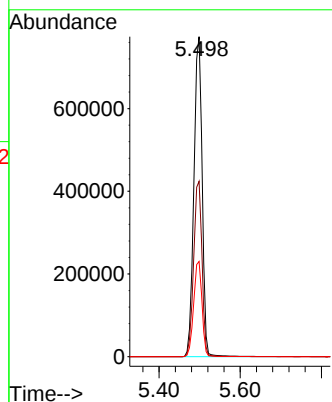
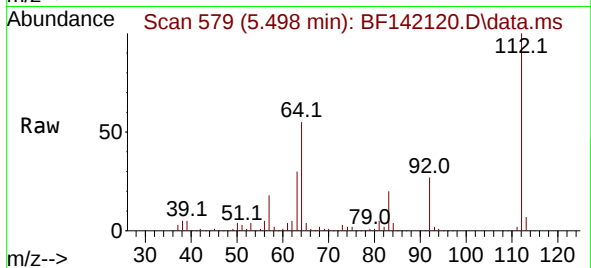




#5
2-Fluorophenol
Concen: 142.770 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

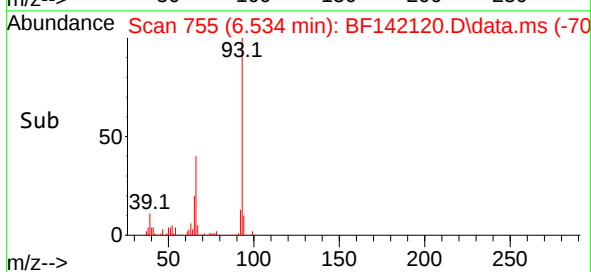
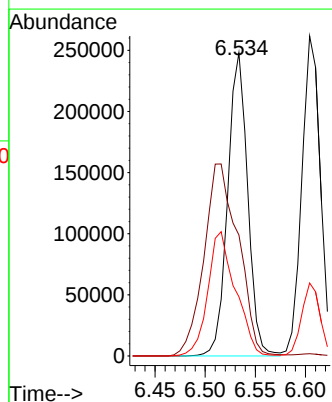
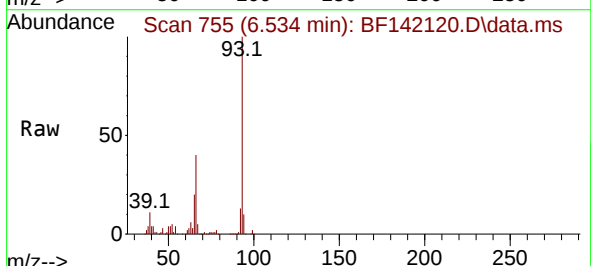
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

Tgt Ion:112 Resp: 1098038
Ion Ratio Lower Upper
112 100
64 54.8 46.5 69.7
63 29.8 25.4 38.2



#6
Aniline
Concen: 35.507 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 93 Resp: 342994
Ion Ratio Lower Upper
93 100
66 39.9 31.9 47.9
65 19.5 15.8 23.6

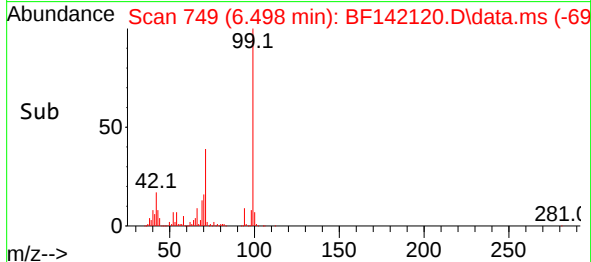
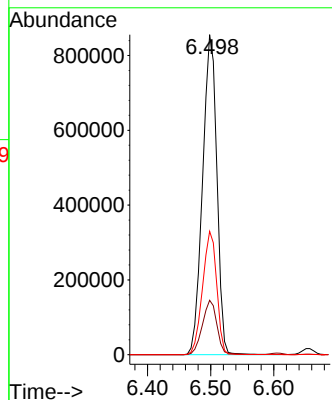
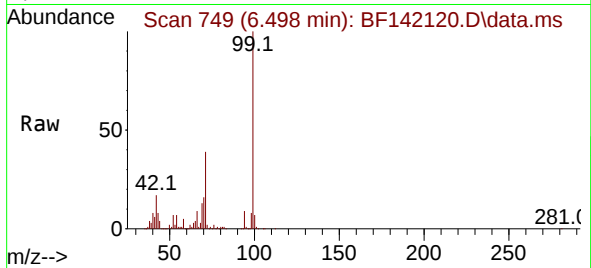




#7
Phenol-d6
Concen: 137.445 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

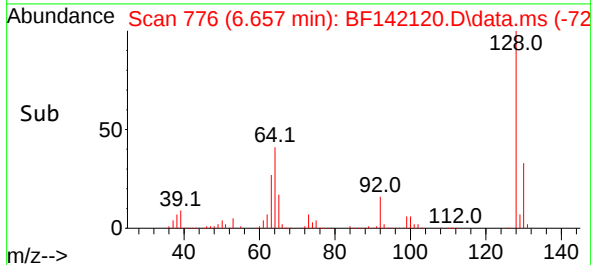
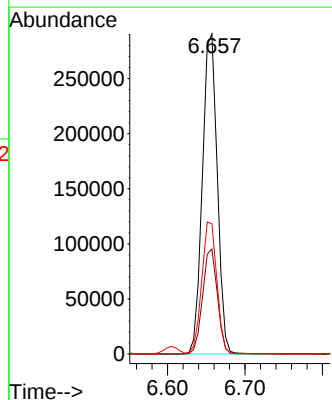
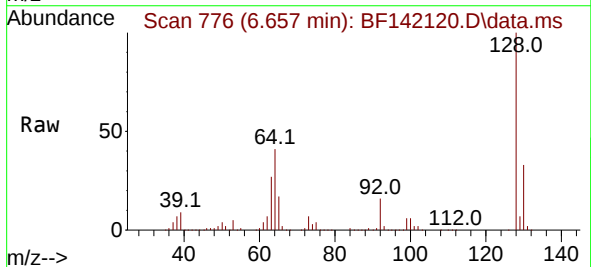
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

Tgt Ion: 99 Resp: 1345902
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 38.6 30.8 46.2



#8
2-Chlorophenol
Concen: 45.541 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:128 Resp: 388457
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 40.7 24.4 64.4

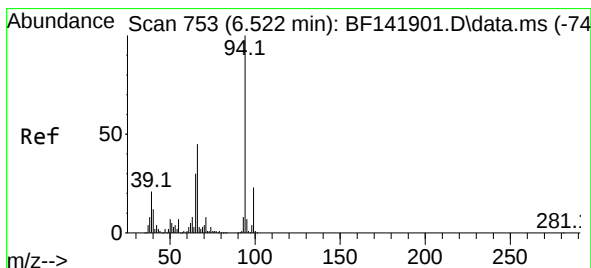
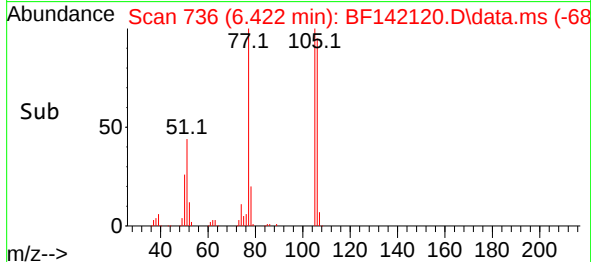
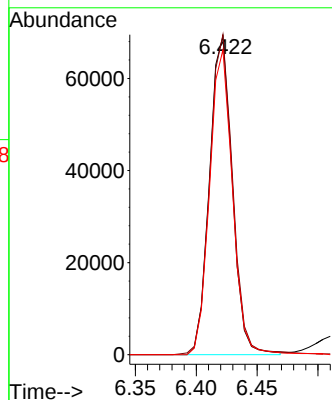
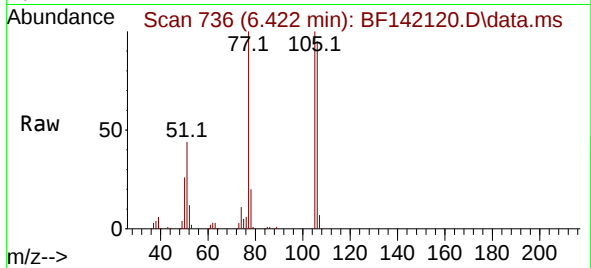




#9
Benzaldehyde
Concen: 16.378 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

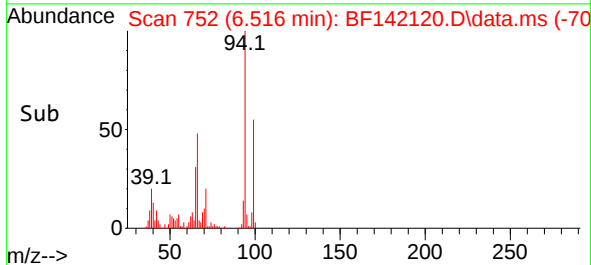
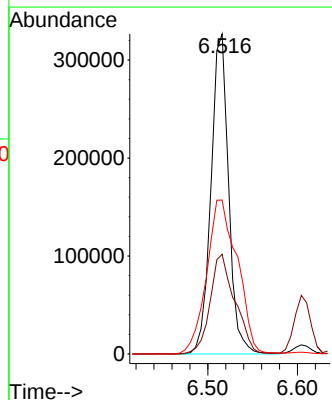
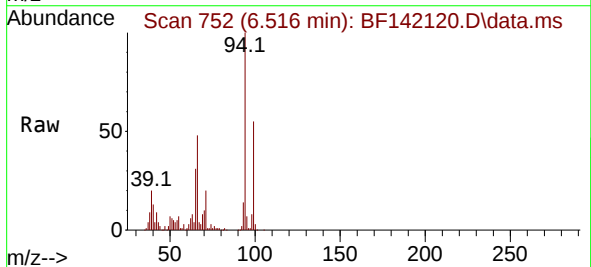
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BNA_F
ClientSampleId :
PB167326BSD

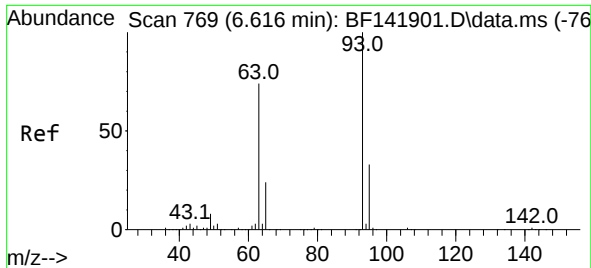
Tgt Ion: 77 Resp: 89697
Ion Ratio Lower Upper
77 100
105 100.5 80.0 120.0
106 95.7 74.5 114.5



#10
Phenol
Concen: 43.334 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 94 Resp: 446419
Ion Ratio Lower Upper
94 100
65 31.1 10.5 50.5
66 48.1 25.8 65.8



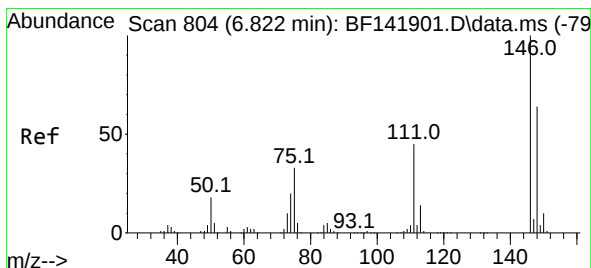
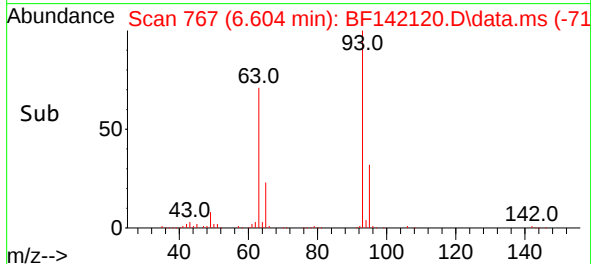
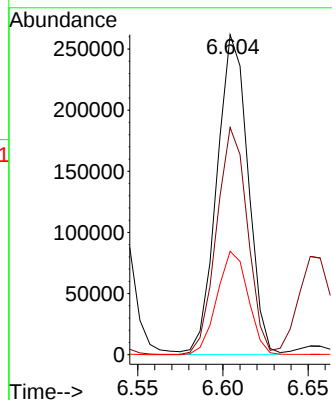
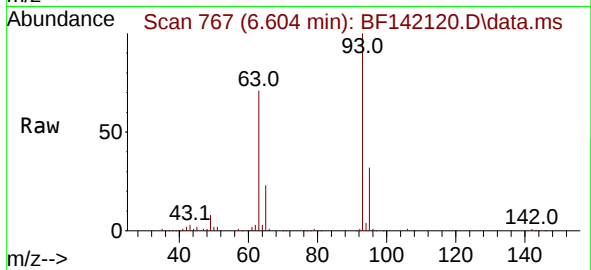


#11
bis(2-Chloroethyl)ether
Concen: 43.012 ng
RT: 6.604 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Instrument :
BNA_F
ClientSampleId :
PB167326BSD

Tgt Ion: 93 Resp: 332717

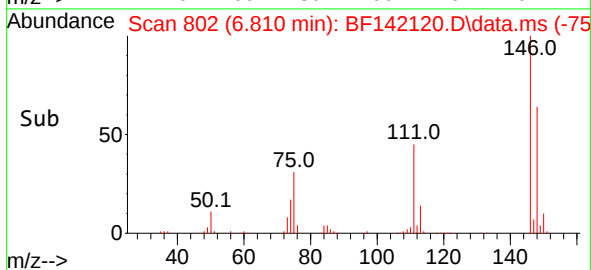
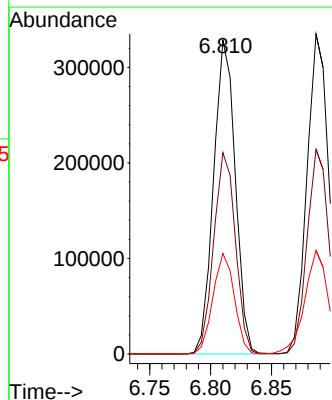
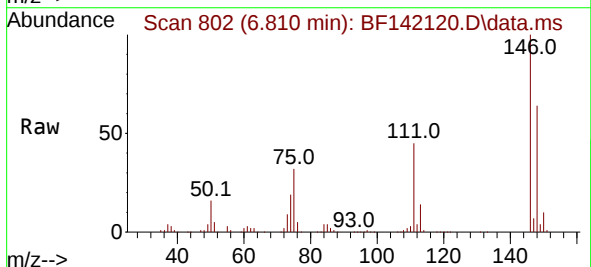
Ion	Ratio	Lower	Upper
93	100		
63	71.0	53.0	93.0
95	32.3	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 44.247 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 146 Resp: 407468

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.3	76.9
75	32.0	26.6	40.0

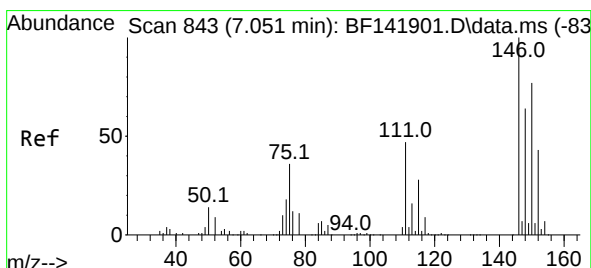
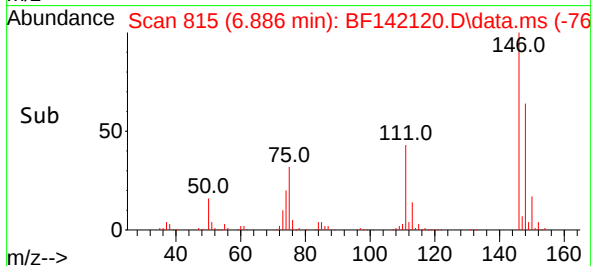
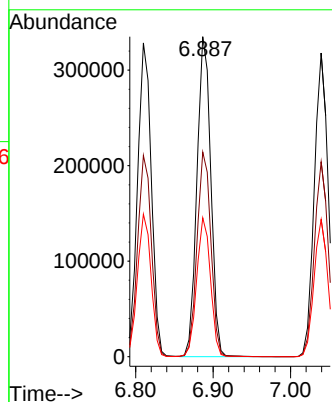
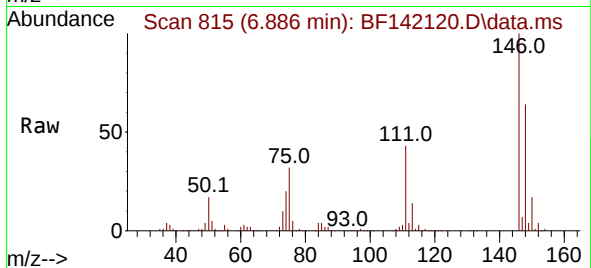




#13
1,4-Dichlorobenzene
Concen: 44.678 ng
RT: 6.886 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

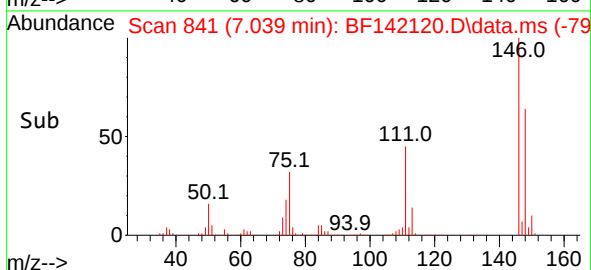
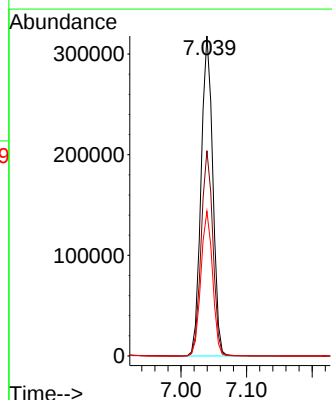
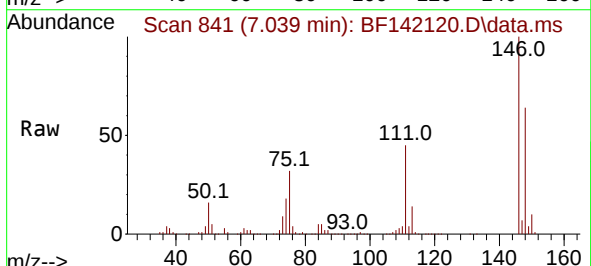
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

Tgt Ion:146 Resp: 416282
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 43.4 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 45.197 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:146 Resp: 396652
Ion Ratio Lower Upper
146 100
148 64.1 50.8 76.2
111 45.2 38.0 57.0





#15

Benzyl Alcohol

Concen: 41.287 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167326BSD

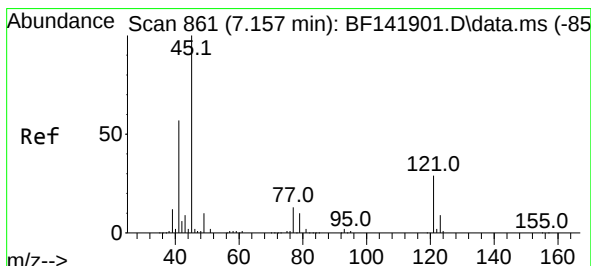
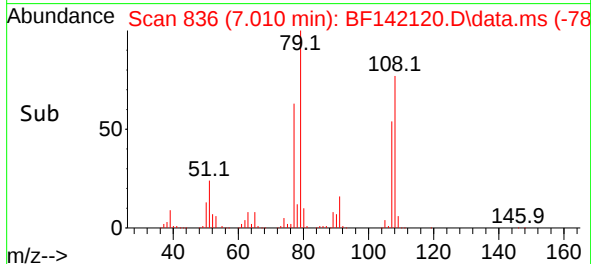
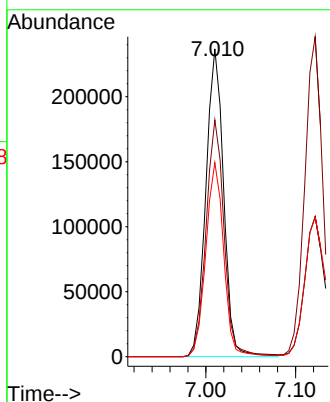
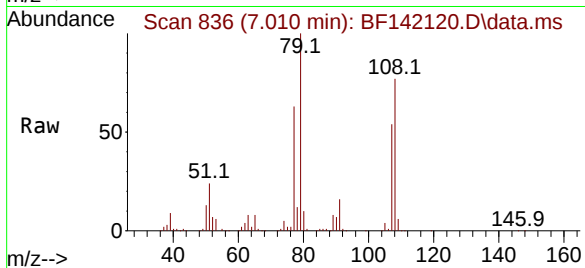
Tgt Ion: 79 Resp: 326852

Ion Ratio Lower Upper

79 100

108 76.9 59.7 89.5

77 63.1 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.163 ng

RT: 7.145 min Scan# 859

Delta R.T. -0.012 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

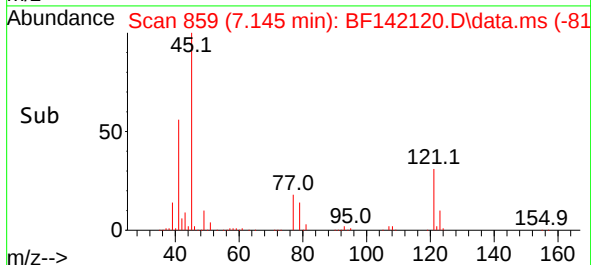
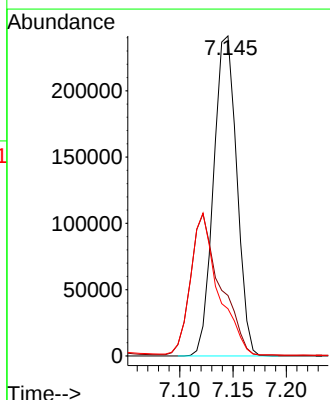
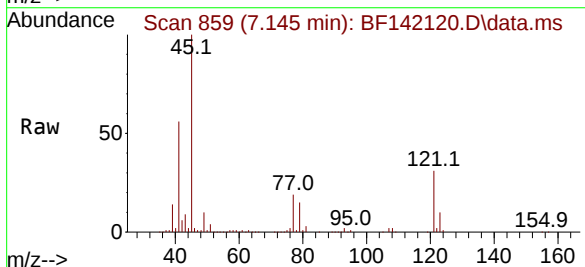
Tgt Ion: 45 Resp: 365739

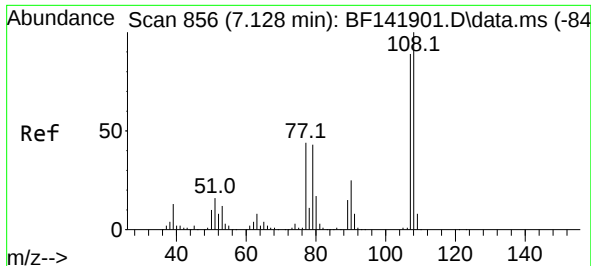
Ion Ratio Lower Upper

45 100

77 18.9 0.0 37.8

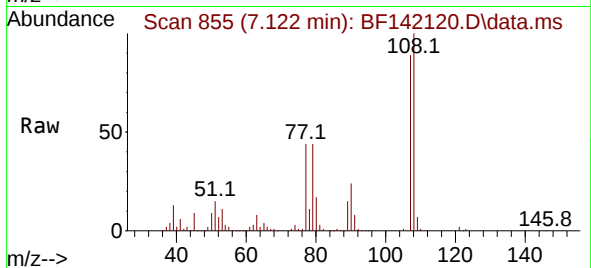
79 14.7 0.0 34.2



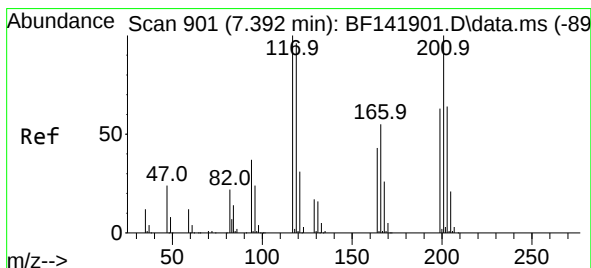
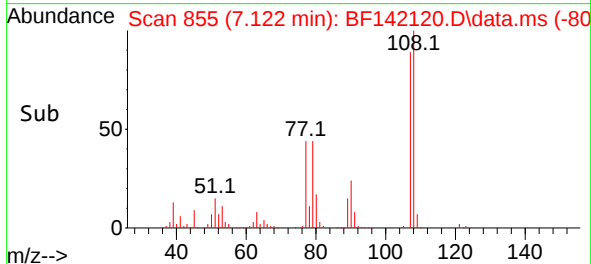
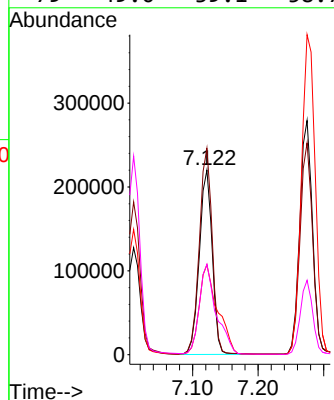


#17
2-Methylphenol
Concen: 44.676 ng
RT: 7.122 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Instrument :
BNA_F
ClientSampleId :
PB167326BSD

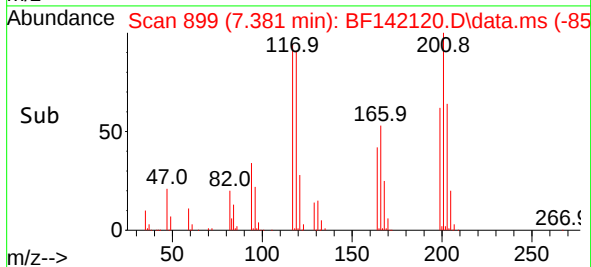
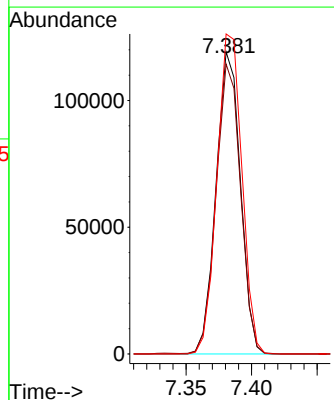
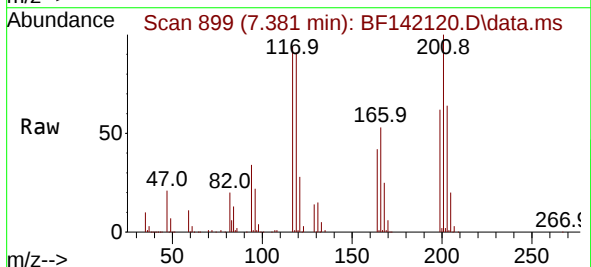


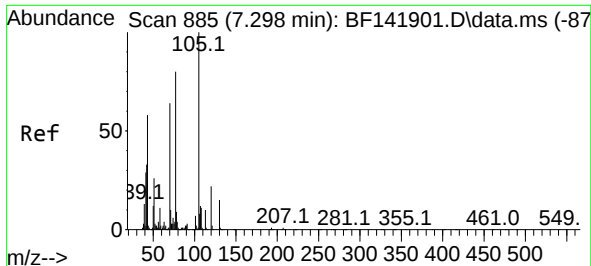
Tgt Ion:	107	Resp:	302999
Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.2	135.2
77	48.7	39.6	59.4
79	49.0	39.1	58.7



#18
Hexachloroethane
Concen: 44.047 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:	117	Resp:	153899
Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.9	115.3
201	105.9	79.9	119.9

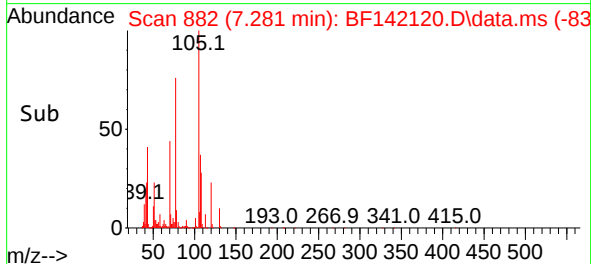
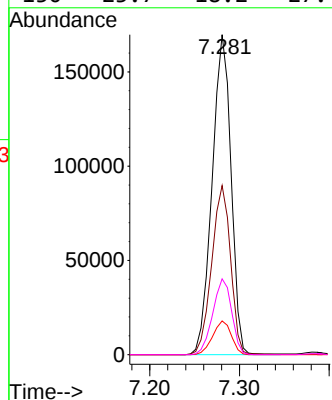
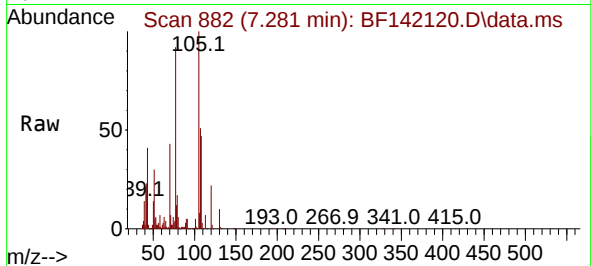




#19
n-Nitroso-di-n-propylamine
Concen: 39.523 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

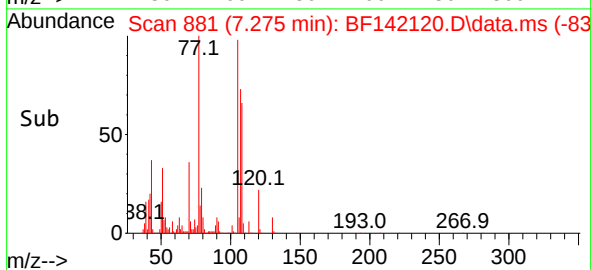
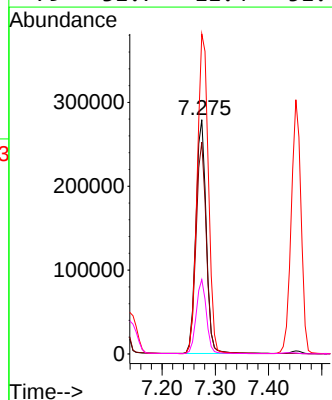
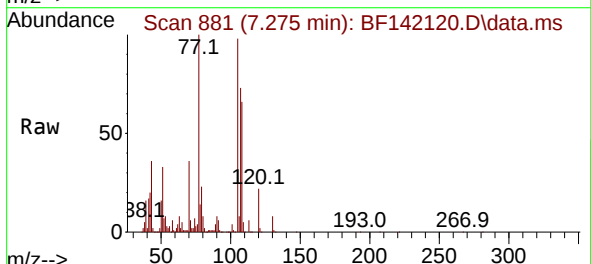
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

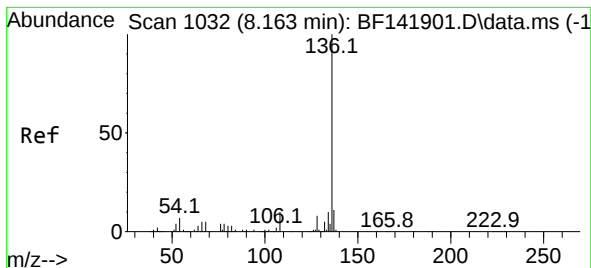
Tgt Ion: 70 Resp: 248686
Ion Ratio Lower Upper
70 100
42 52.9 41.4 62.0
101 10.6 8.2 12.2
130 23.7 18.2 27.4



#20
3+4-Methylphenols
Concen: 43.453 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:107 Resp: 377478
Ion Ratio Lower Upper
107 100
108 90.4 68.4 108.4
77 136.6 69.7 109.7#
79 31.7 11.4 51.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.012 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167326BSD

Tgt Ion:136 Resp: 506436

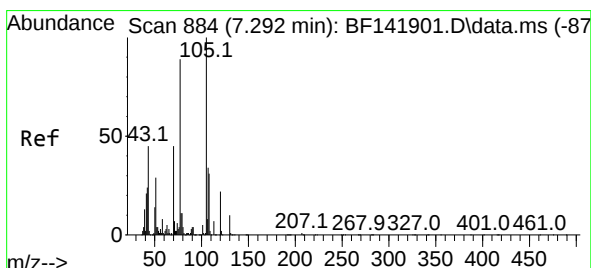
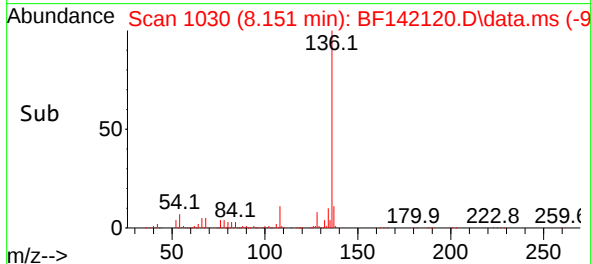
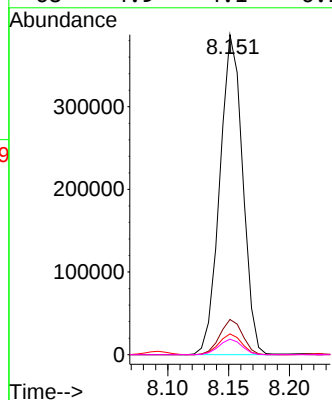
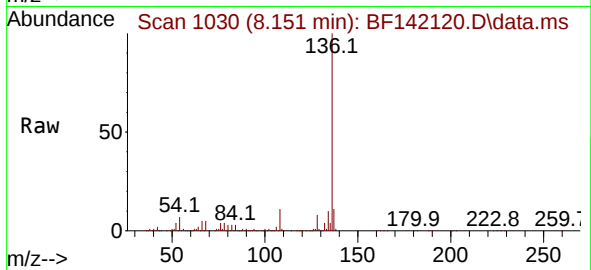
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.5 5.8 8.8

68 4.9 4.1 6.1



#22

Acetophenone

Concen: 46.588 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.012 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

Tgt Ion:105 Resp: 565019

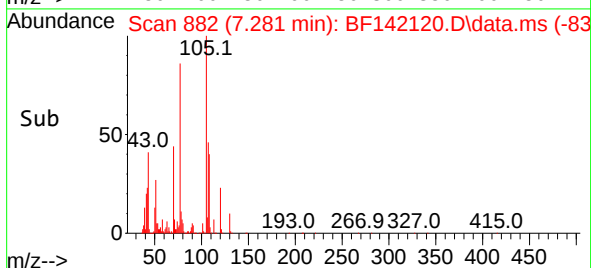
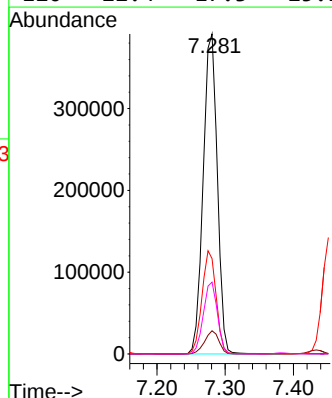
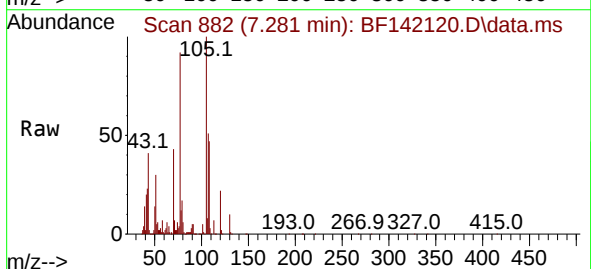
Ion Ratio Lower Upper

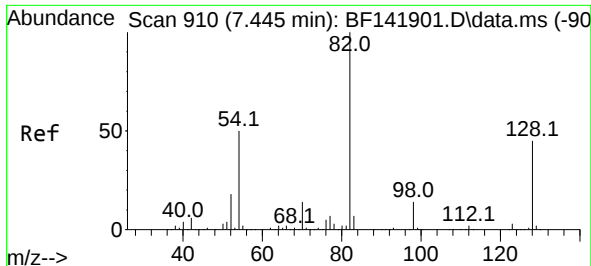
105 100

71 7.2 5.8 8.8

51 29.8 23.4 35.0

120 22.4 17.3 25.9

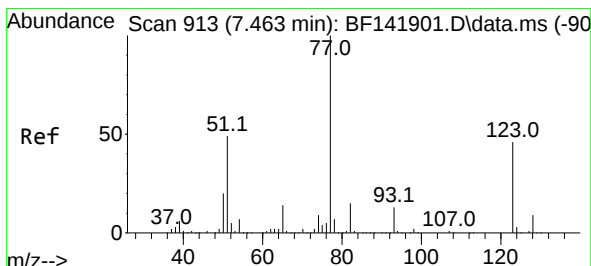
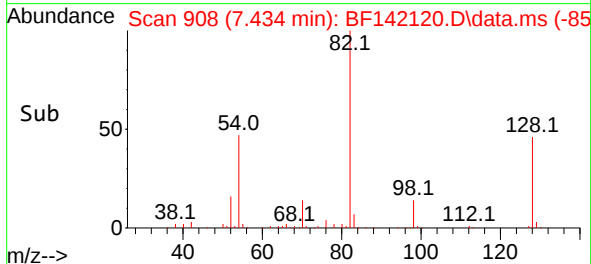
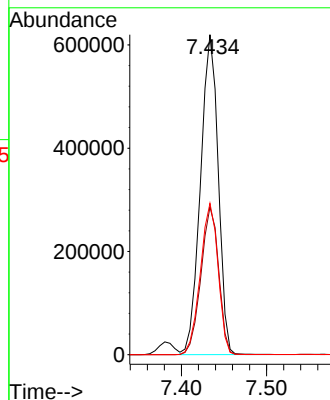
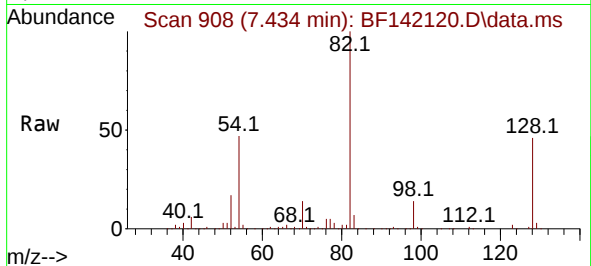




#23
 Nitrobenzene-d5
 Concen: 99.455 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.012 min
 Lab File: BF142120.D
 Acq: 27 Mar 2025 12:02

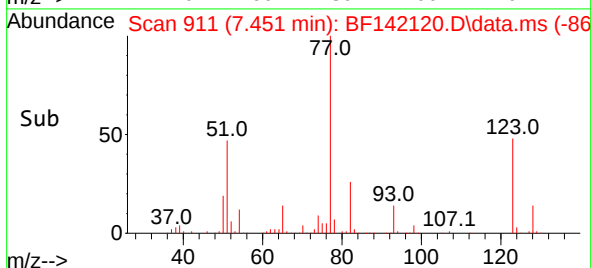
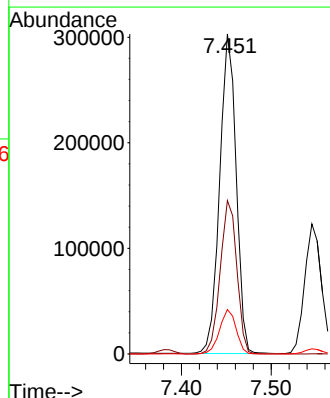
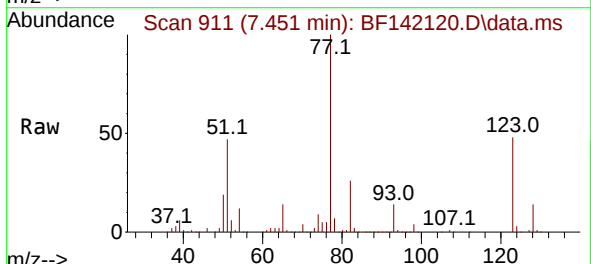
Instrument :
 BNA_F
 ClientSampleId :
 PB167326BSD

Tgt Ion: 82 Resp: 895014
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.0 54.0
 54 47.3 39.6 59.4



#24
 Nitrobenzene
 Concen: 43.198 ng
 RT: 7.451 min Scan# 911
 Delta R.T. -0.012 min
 Lab File: BF142120.D
 Acq: 27 Mar 2025 12:02

Tgt Ion: 77 Resp: 386464
 Ion Ratio Lower Upper
 77 100
 123 48.0 37.0 55.4
 65 13.9 11.3 16.9

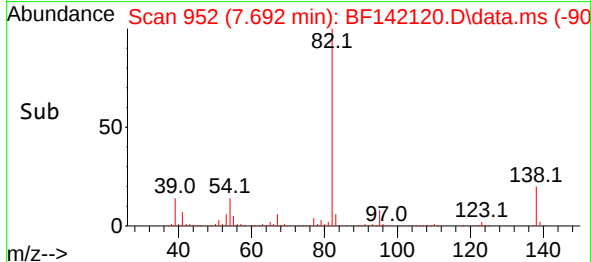
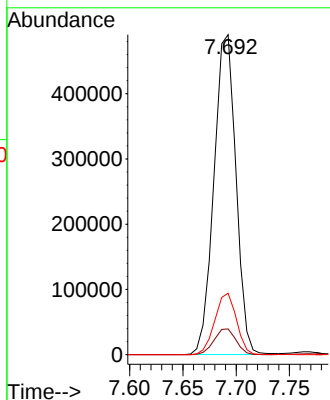
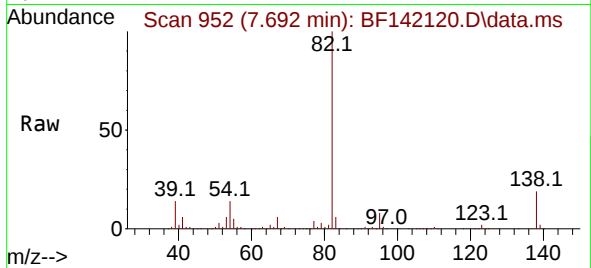




#25
Isophorone
Concen: 44.312 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

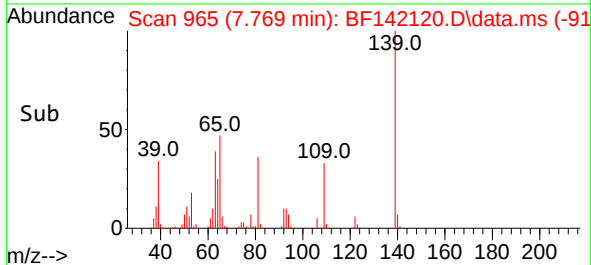
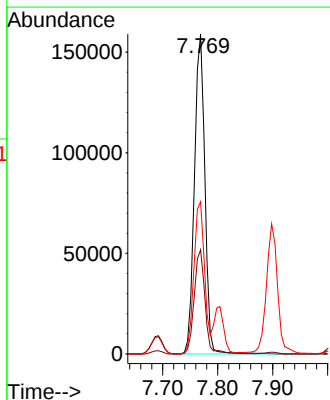
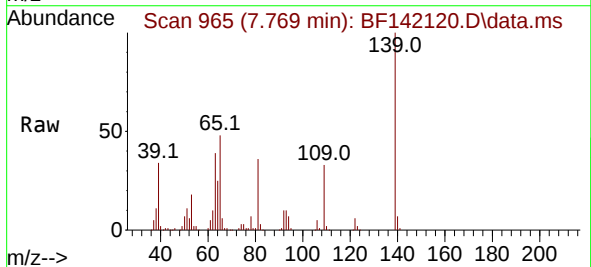
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

Tgt Ion: 82 Resp: 704886
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 19.2 14.9 22.3



#26
2-Nitrophenol
Concen: 47.909 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:139 Resp: 210358
Ion Ratio Lower Upper
139 100
109 32.6 26.5 39.7
65 47.5 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 53.817 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167326BSD

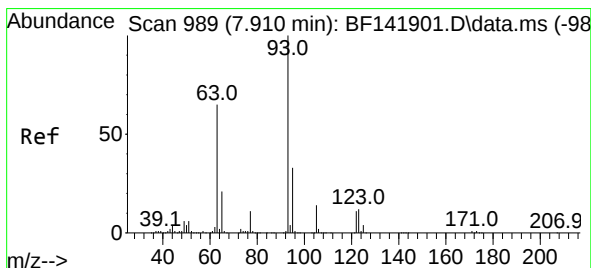
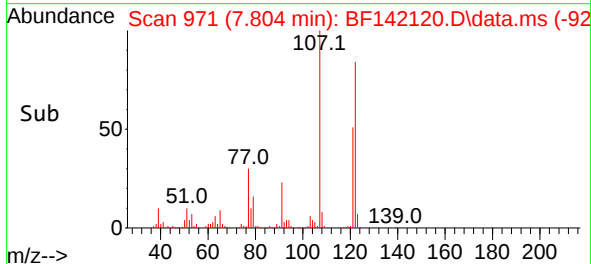
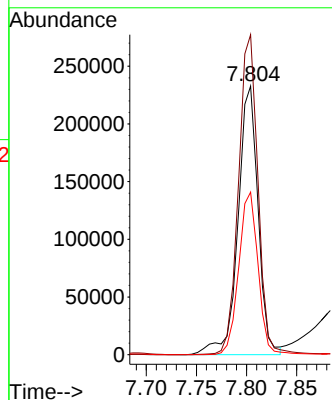
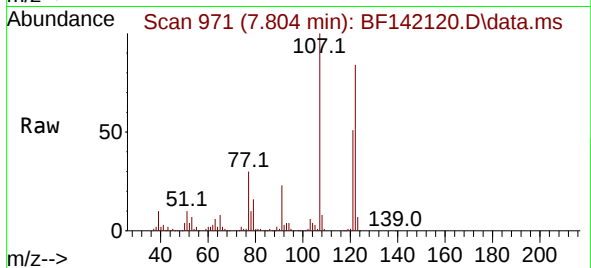
Tgt Ion:122 Resp: 325380

Ion Ratio Lower Upper

122 100

107 119.1 94.8 142.2

121 60.5 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 41.812 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.012 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

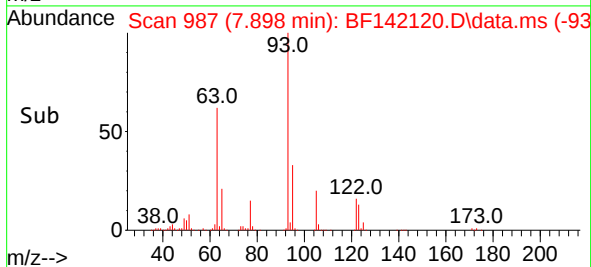
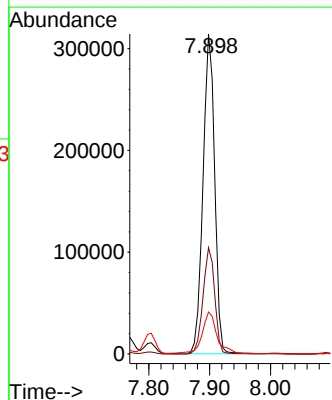
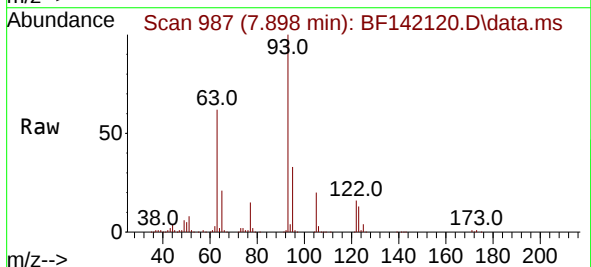
Tgt Ion: 93 Resp: 417173

Ion Ratio Lower Upper

93 100

95 33.2 26.6 40.0

123 13.1 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 44.571 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167326BSD

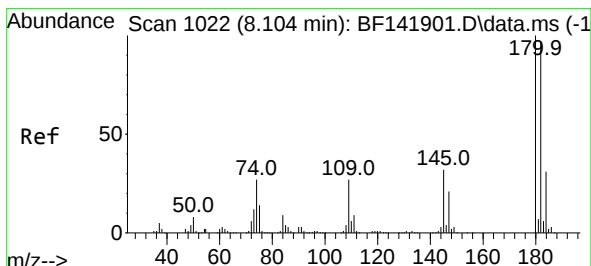
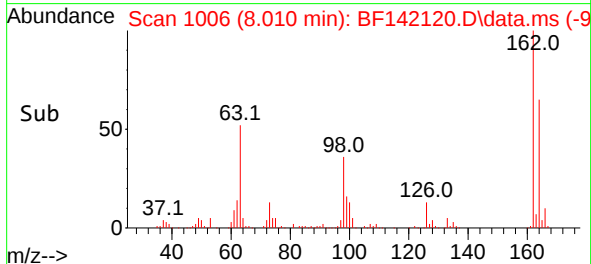
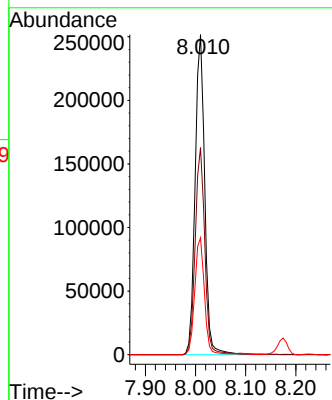
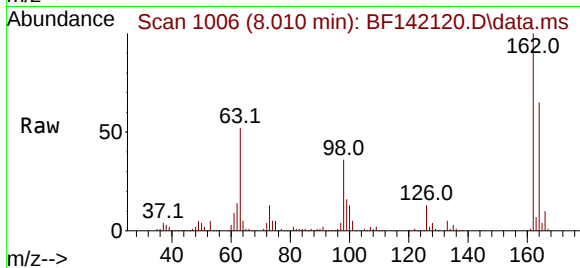
Tgt Ion:162 Resp: 334484

Ion Ratio Lower Upper

162 100

164 64.7 43.8 83.8

98 36.5 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 43.739 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

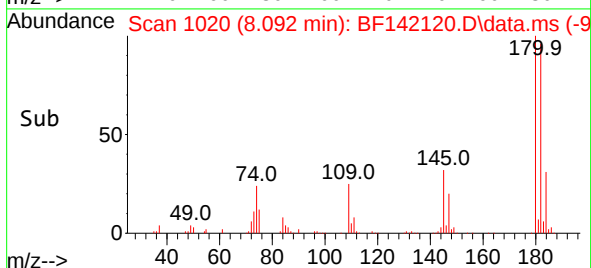
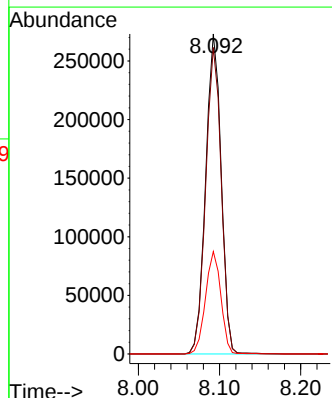
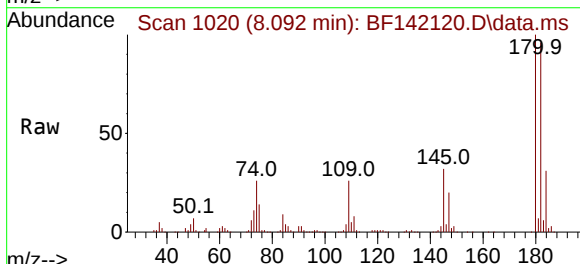
Tgt Ion:180 Resp: 361727

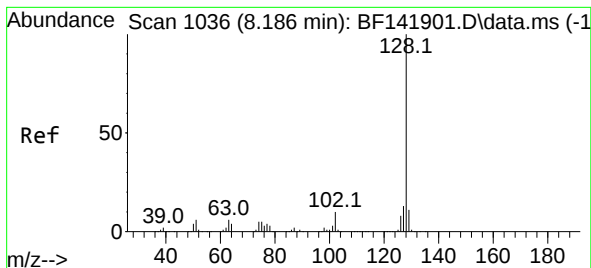
Ion Ratio Lower Upper

180 100

182 95.8 77.5 116.3

145 32.0 25.8 38.6





#31

Naphthalene

Concen: 42.643 ng

RT: 8.175 min Scan# 1109339

Delta R.T. -0.012 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167326BSD

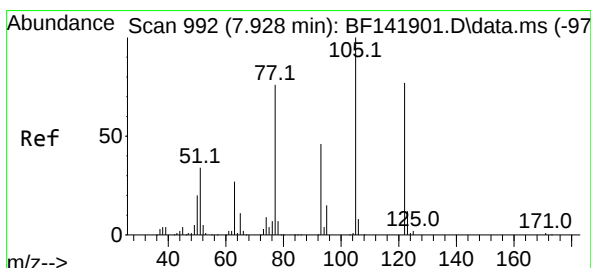
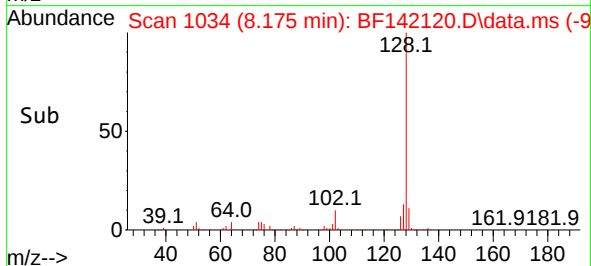
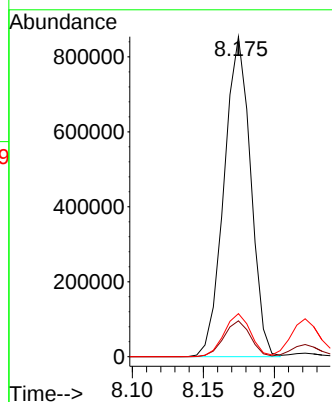
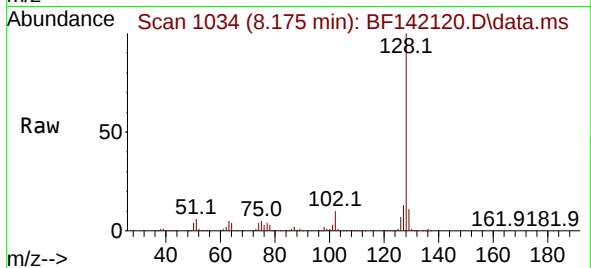
Tgt Ion:128 Resp: 1109339

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.5 10.8 16.2



#32

Benzoic acid

Concen: 50.209 ng

RT: 7.922 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

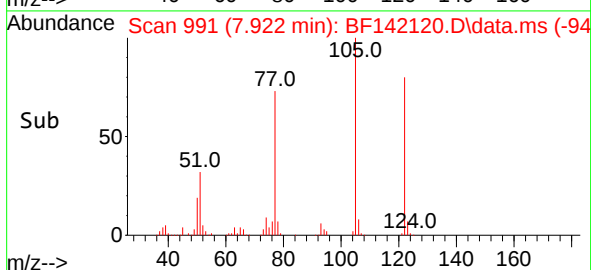
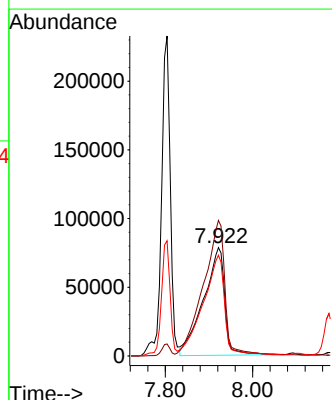
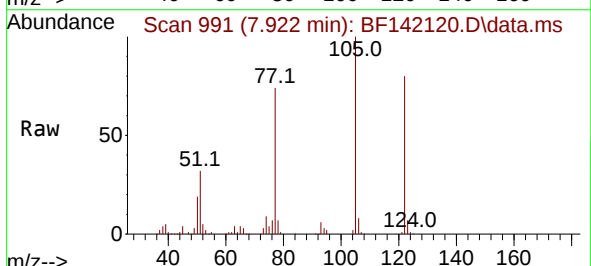
Tgt Ion:122 Resp: 266839

Ion Ratio Lower Upper

122 100

105 125.1 107.9 147.9

77 93.1 79.0 119.0

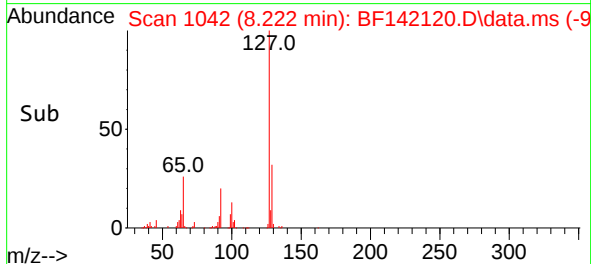
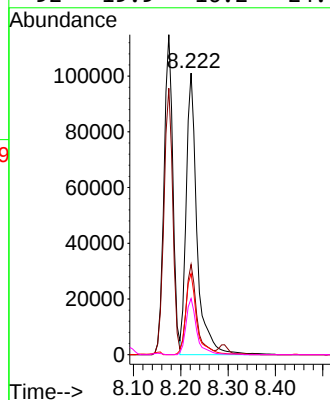
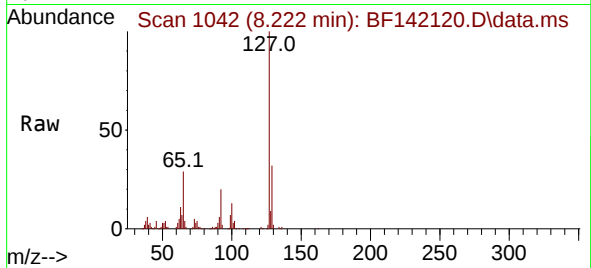




#33
4-Chloroaniline
Concen: 17.565 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

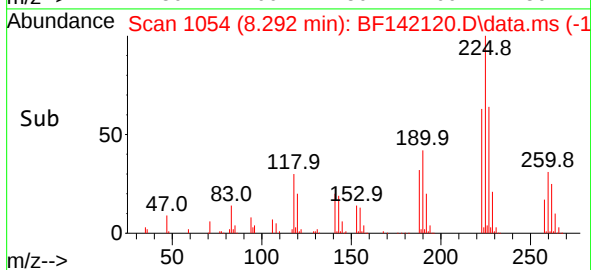
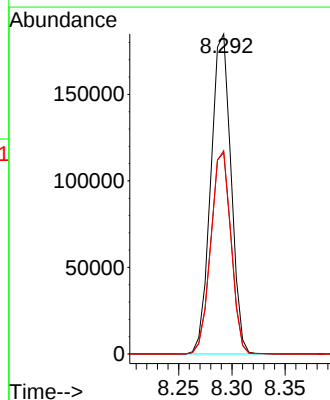
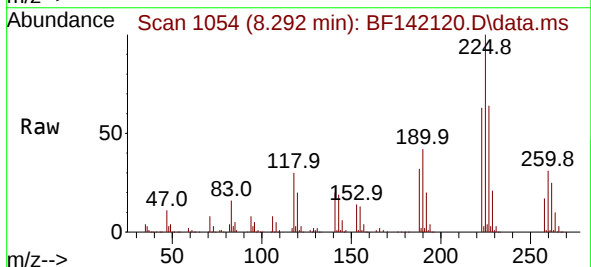
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

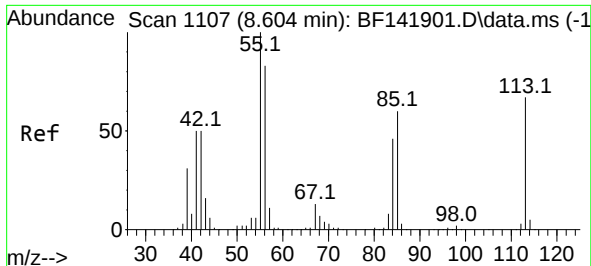
Tgt Ion:	127	Resp:	161312
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.4
65	28.8	25.4	38.2
92	19.9	16.2	24.4



#34
Hexachlorobutadiene
Concen: 45.329 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:	225	Resp:	244475
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	75.8
227	63.5	52.2	78.2

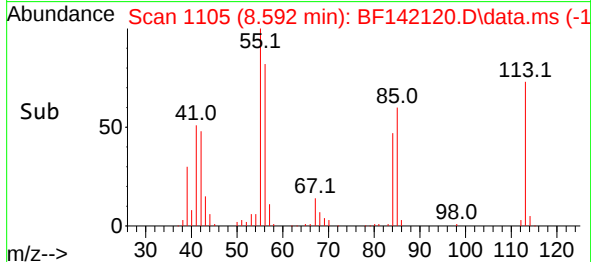
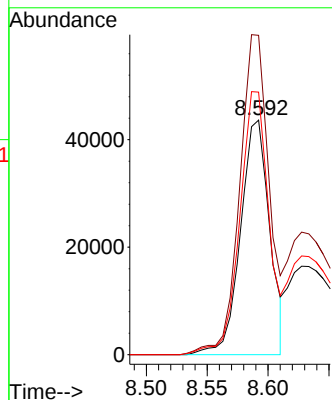
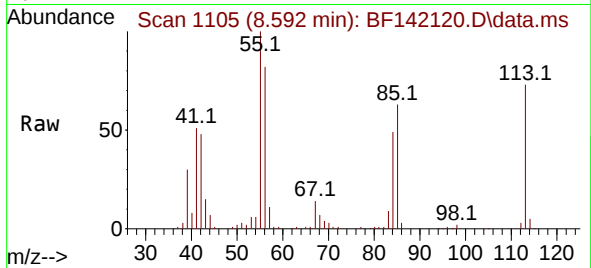




#35
Caprolactam
Concen: 31.733 ng
RT: 8.592 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

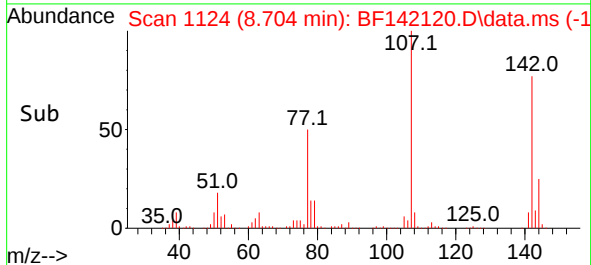
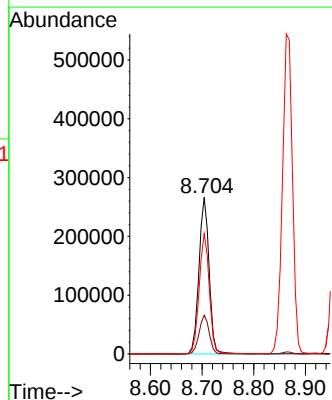
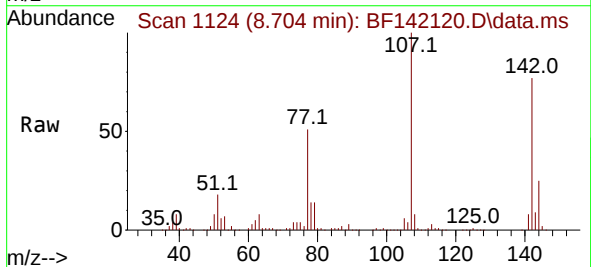
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

Tgt Ion:113 Resp: 72603
Ion Ratio Lower Upper
113 100
55 136.2 129.6 169.6
56 111.9 104.0 144.0



#36
4-Chloro-3-methylphenol
Concen: 43.525 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:107 Resp: 364359
Ion Ratio Lower Upper
107 100
144 24.7 19.0 28.6
142 76.9 59.2 88.8

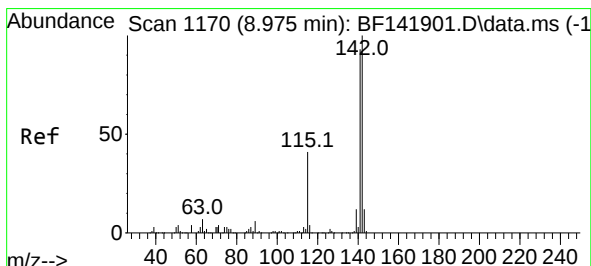
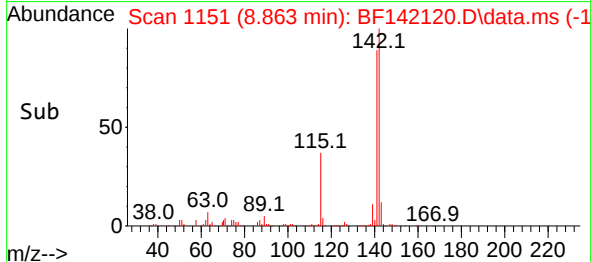
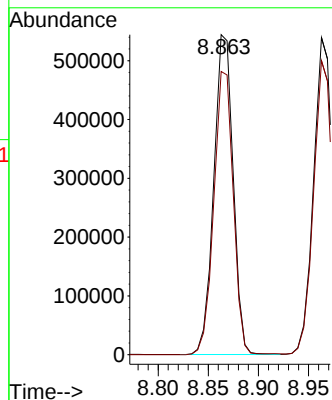
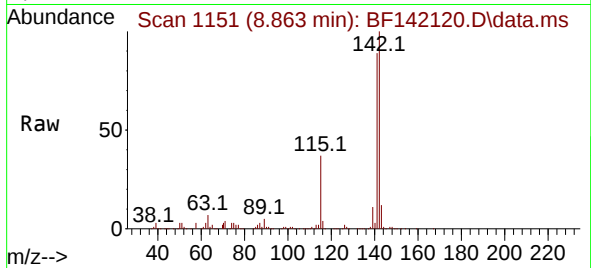




#37
2-Methylnaphthalene
Concen: 41.963 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.012 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

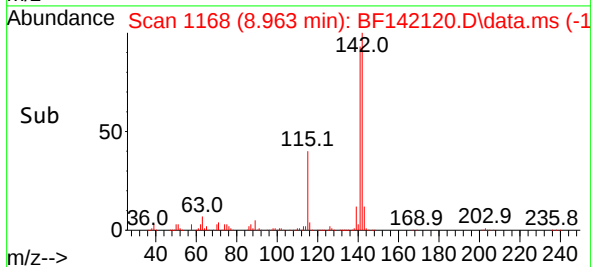
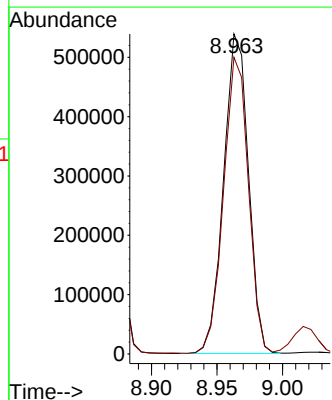
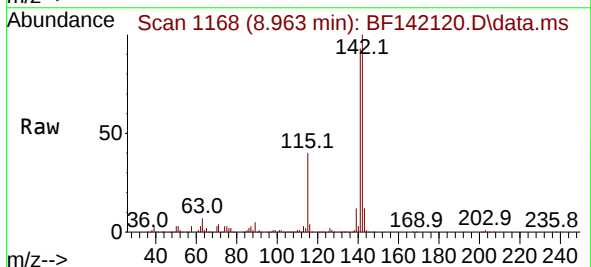
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

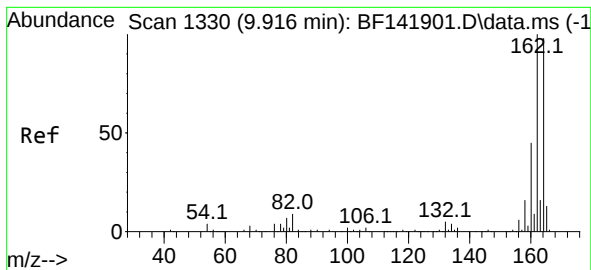
Tgt Ion:142 Resp: 729673
Ion Ratio Lower Upper
142 100
141 88.5 71.2 106.8



#38
1-Methylnaphthalene
Concen: 42.326 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.012 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:142 Resp: 710214
Ion Ratio Lower Upper
142 100
141 92.7 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167326BSD

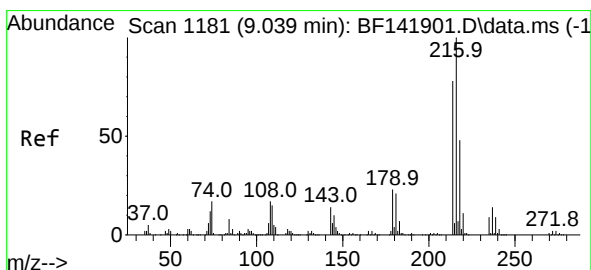
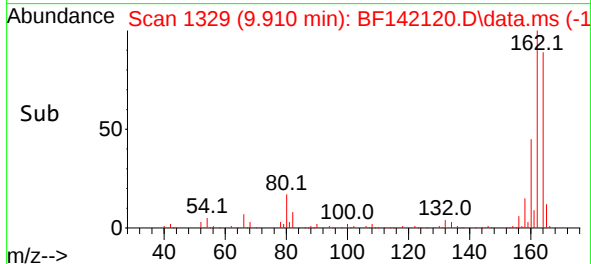
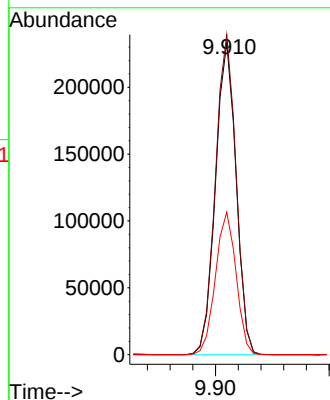
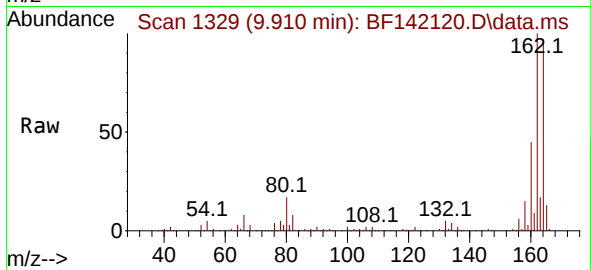
Tgt Ion:164 Resp: 293607

Ion Ratio Lower Upper

164 100

162 102.6 81.8 122.6

160 45.7 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.897 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

Tgt Ion:216 Resp: 437099

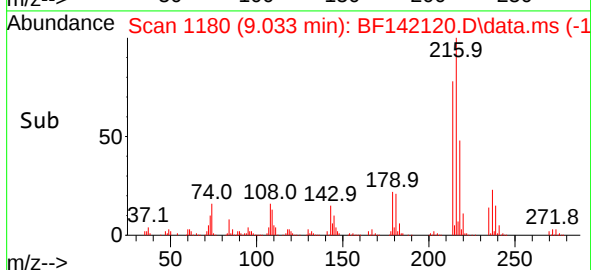
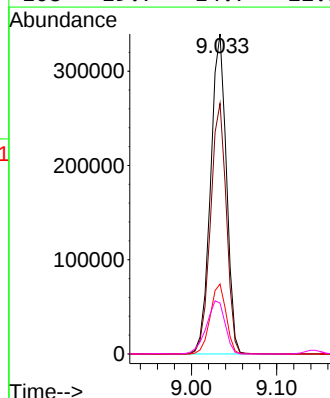
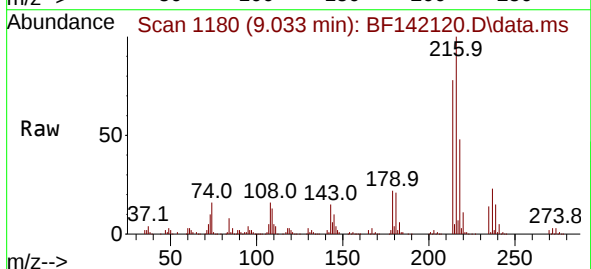
Ion Ratio Lower Upper

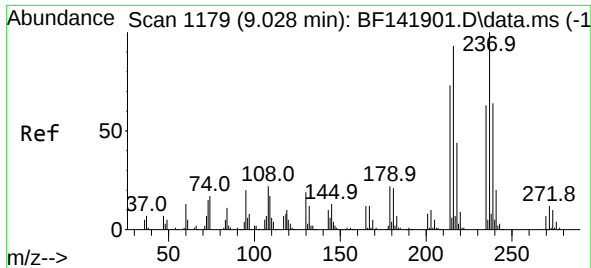
216 100

214 78.4 61.9 92.9

179 21.9 18.1 27.1

108 19.7 14.7 22.1

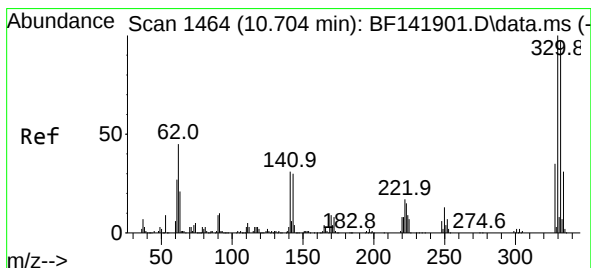
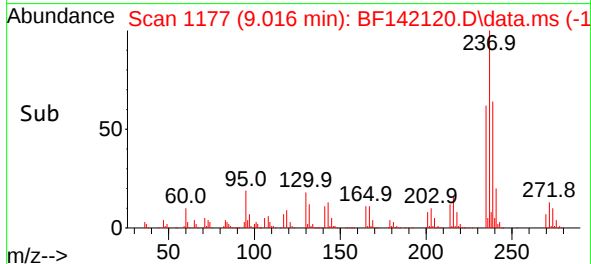
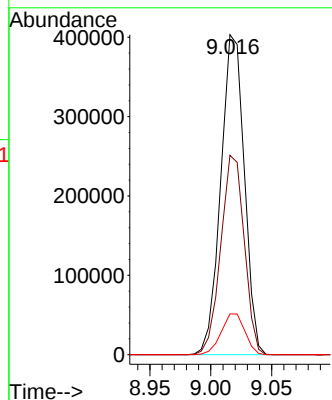
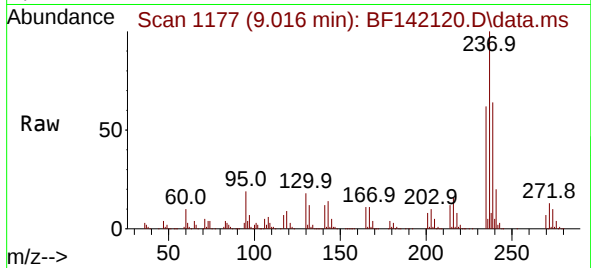




#41
Hexachlorocyclopentadiene
Concen: 155.120 ng
RT: 9.016 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

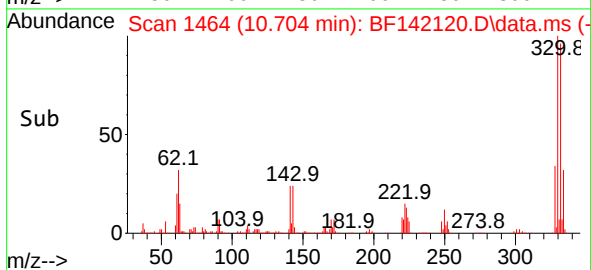
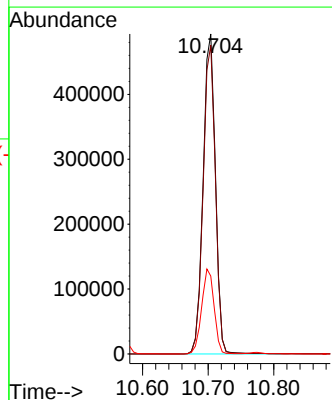
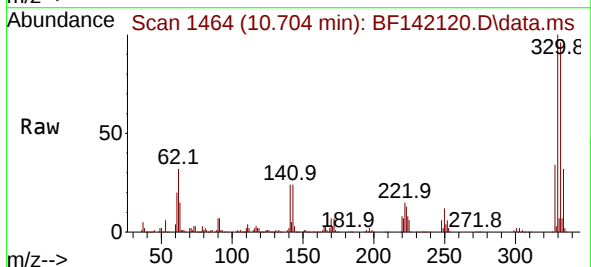
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

Tgt Ion:237 Resp: 542675
Ion Ratio Lower Upper
237 100
235 62.3 43.1 83.1
272 12.8 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 172.743 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:330 Resp: 643432
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 26.9 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 44.887 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167326BSD

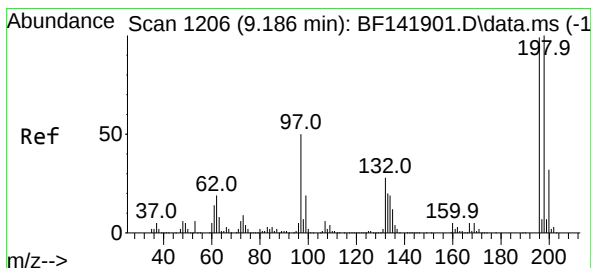
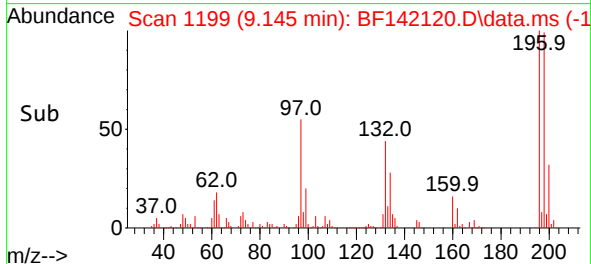
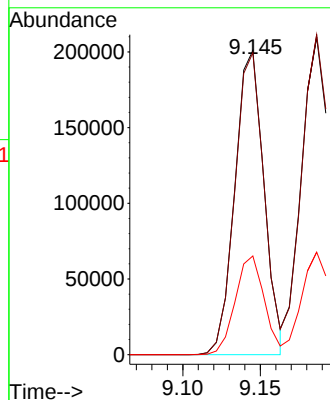
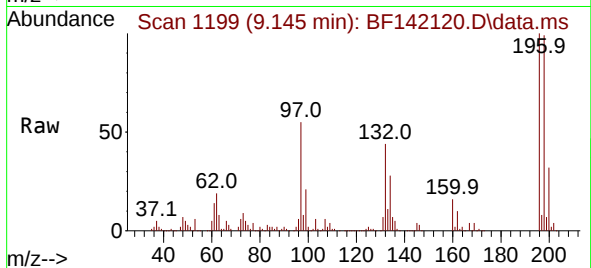
Tgt Ion:196 Resp: 262235

Ion Ratio Lower Upper

196 100

198 99.3 80.6 121.0

200 32.4 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 46.808 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

Tgt Ion:196 Resp: 276957

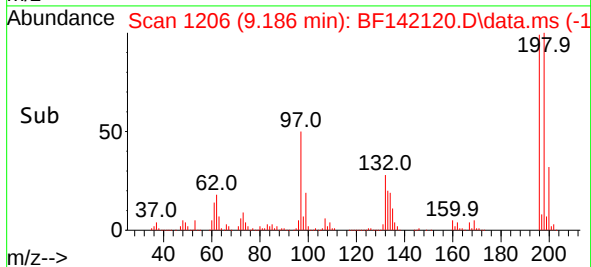
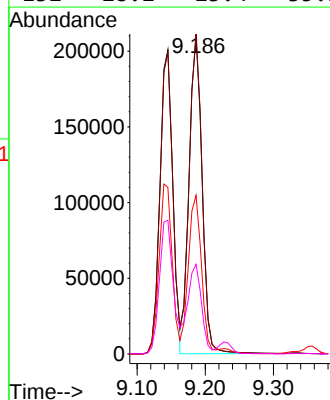
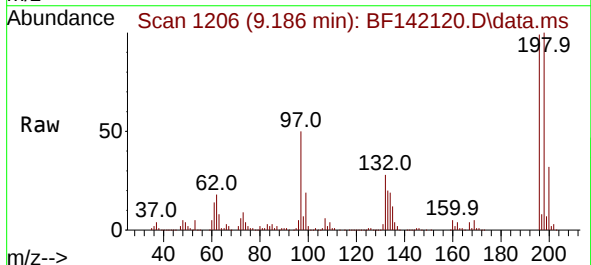
Ion Ratio Lower Upper

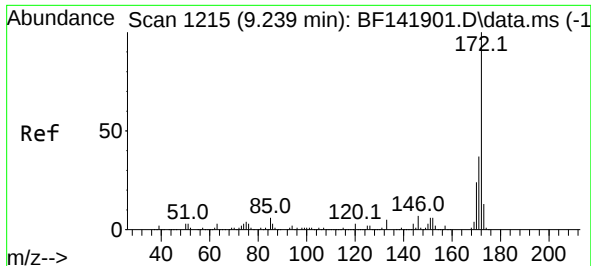
196 100

198 100.8 80.7 121.1

97 50.0 42.1 63.1

132 28.2 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 98.857 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167326BSD

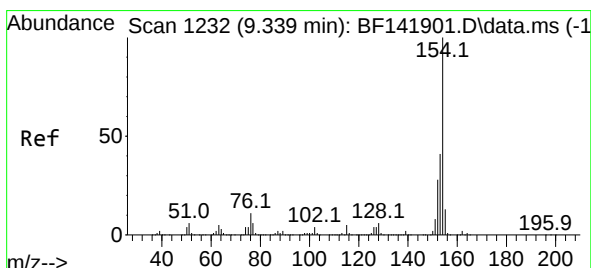
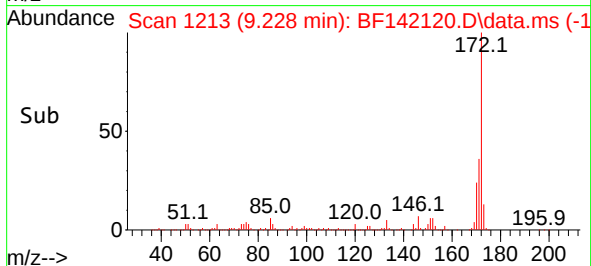
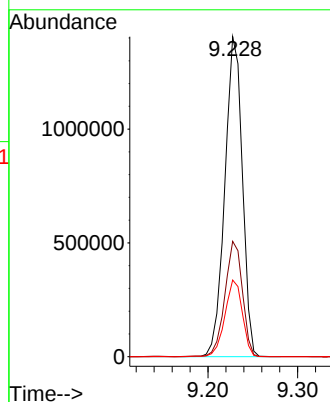
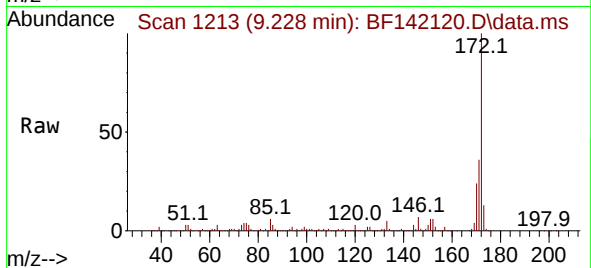
Tgt Ion:172 Resp: 1908522

Ion Ratio Lower Upper

172 100

171 36.1 29.3 43.9

170 24.0 19.4 29.0



#46

1,1'-Biphenyl

Concen: 48.134 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.012 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

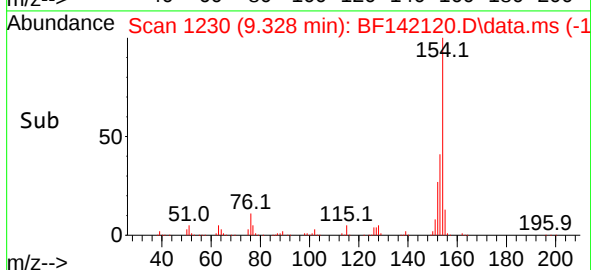
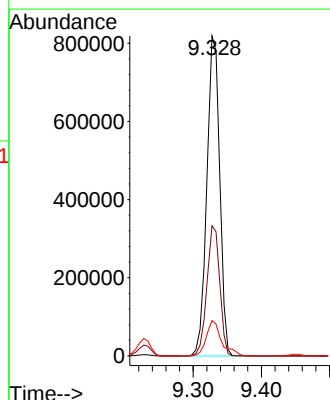
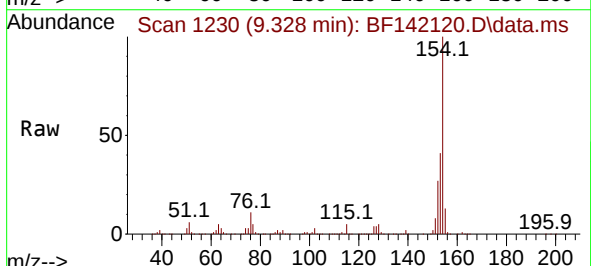
Tgt Ion:154 Resp: 1073797

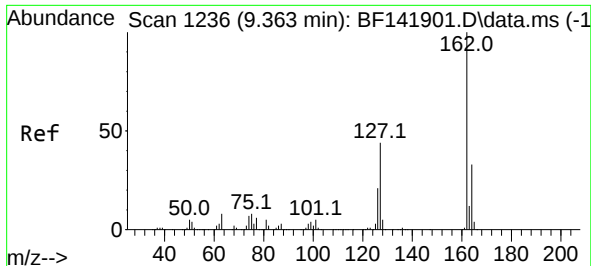
Ion Ratio Lower Upper

154 100

153 40.7 21.1 61.1

76 11.1 0.0 31.3





#47

2-Chloronaphthalene

Concen: 44.365 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167326BSD

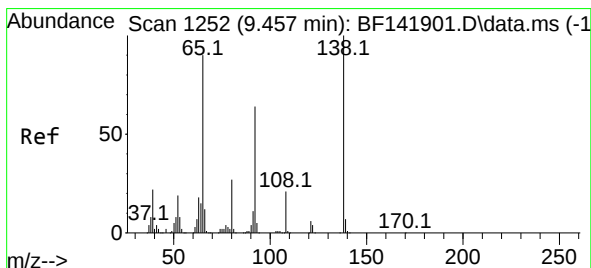
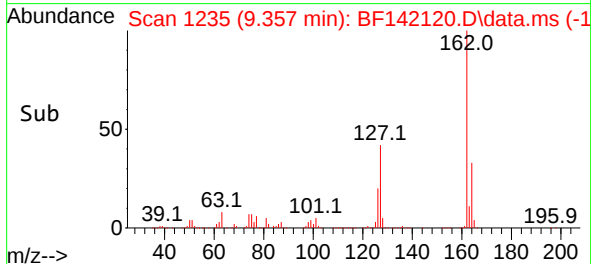
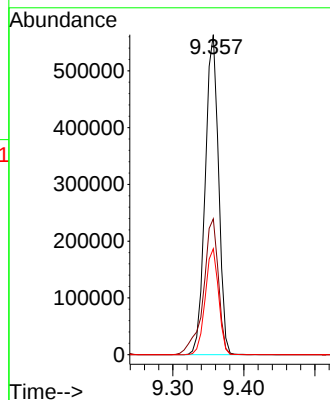
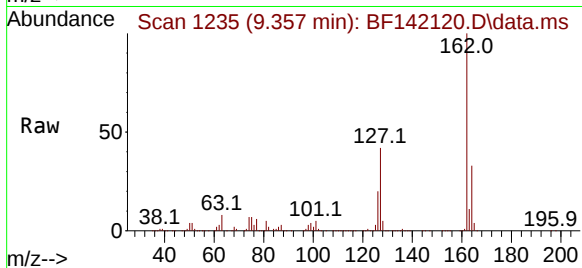
Tgt Ion:162 Resp: 737688

Ion Ratio Lower Upper

162 100

127 42.5 35.5 53.3

164 33.1 26.6 40.0



#48

2-Nitroaniline

Concen: 44.976 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

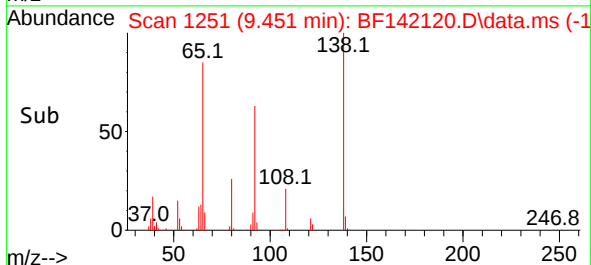
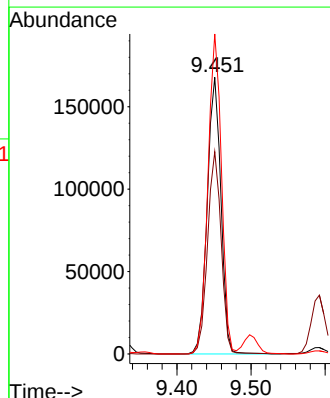
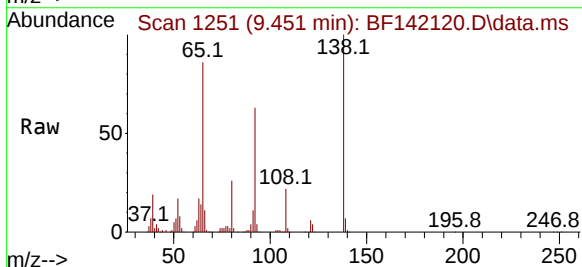
Tgt Ion: 65 Resp: 216532

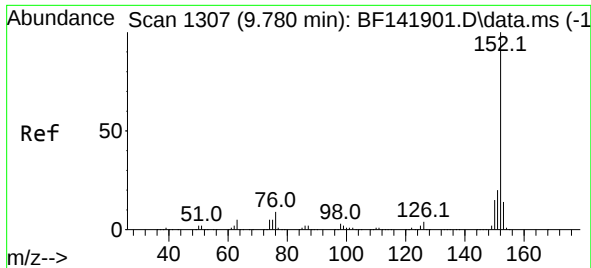
Ion Ratio Lower Upper

65 100

92 73.1 56.6 84.8

138 115.7 88.6 133.0





#49

Acenaphthylene

Concen: 46.809 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167326BSD

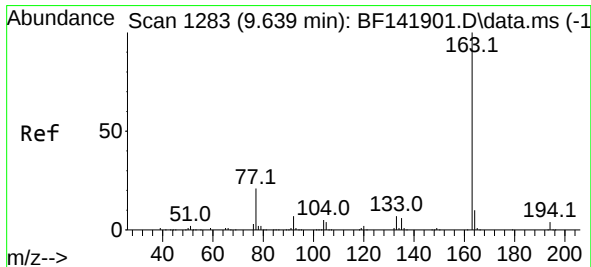
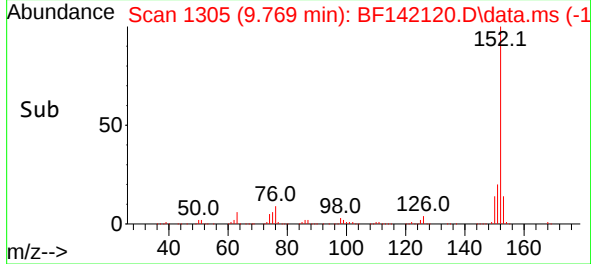
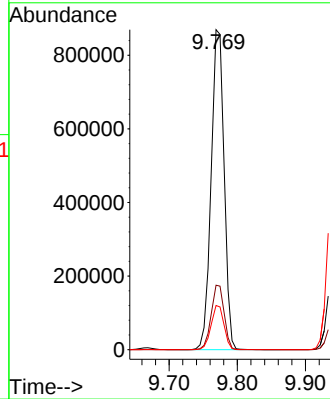
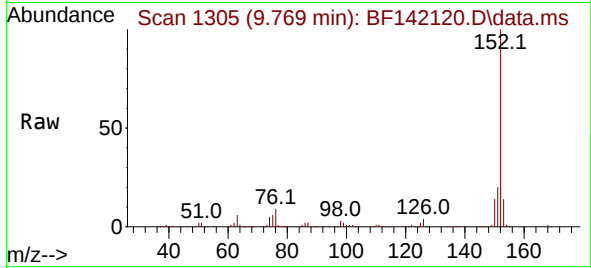
Tgt Ion:152 Resp: 1155014

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

153 13.8 11.1 16.7



#50

Dimethylphthalate

Concen: 44.522 ng

RT: 9.627 min Scan# 1281

Delta R.T. -0.012 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

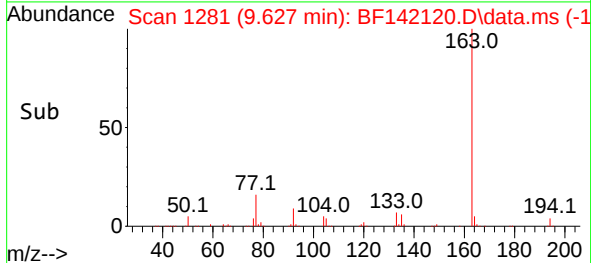
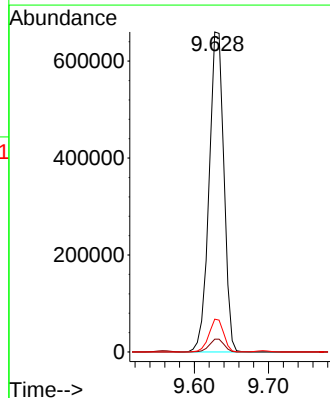
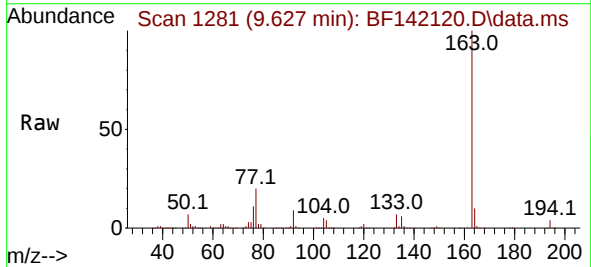
Tgt Ion:163 Resp: 915399

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.3 8.2 12.4

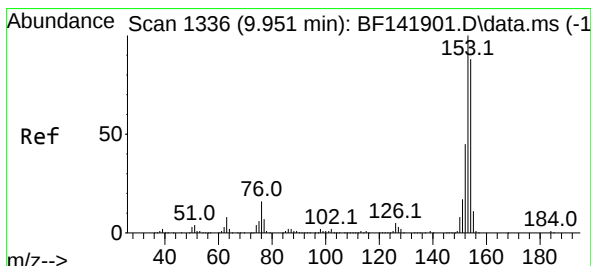
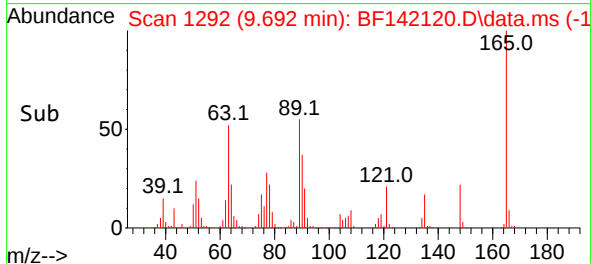
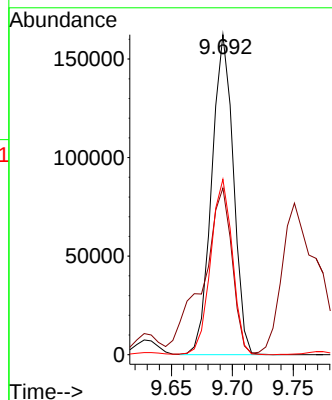
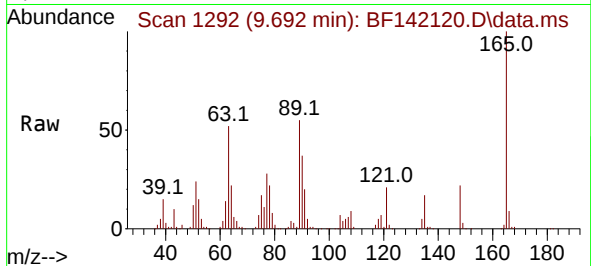




#51
2,6-Dinitrotoluene
Concen: 46.902 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

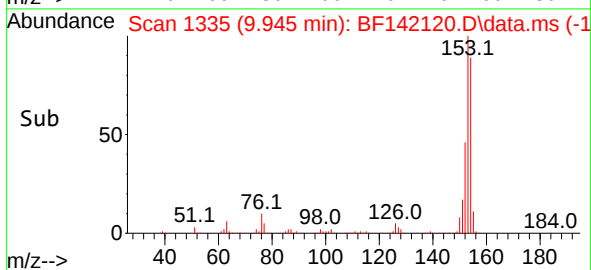
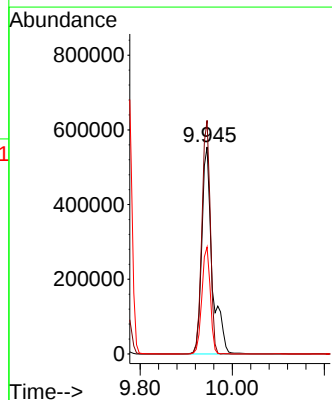
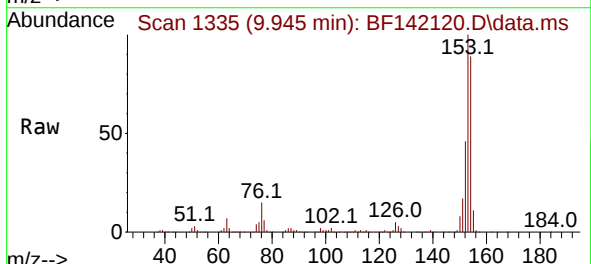
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

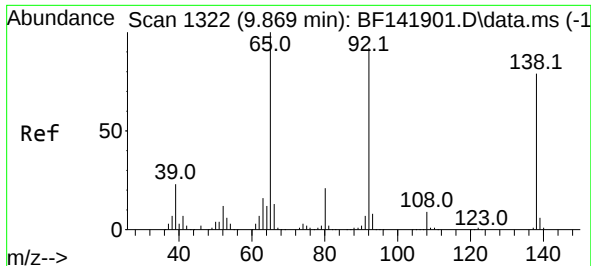
Tgt Ion:165 Resp: 200782
Ion Ratio Lower Upper
165 100
63 52.1 47.0 70.4
89 54.8 47.4 71.2



#52
Acenaphthene
Concen: 50.332 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:154 Resp: 872781
Ion Ratio Lower Upper
154 100
153 112.9 90.7 136.1
152 51.6 41.1 61.7

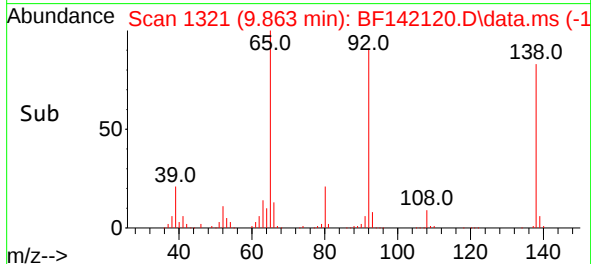
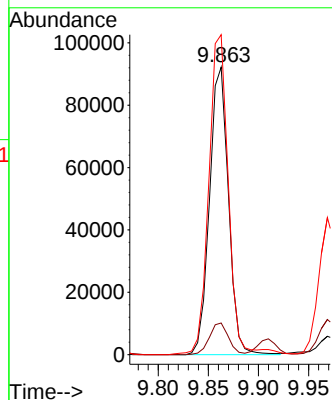
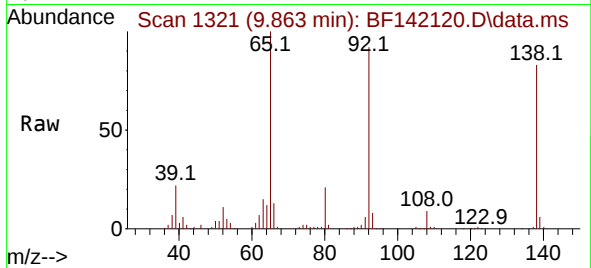




#53
3-Nitroaniline
Concen: 28.004 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

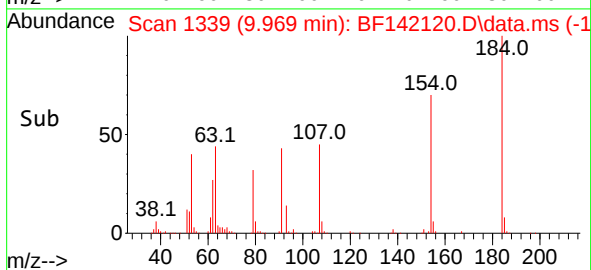
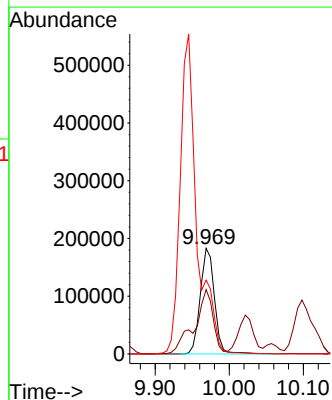
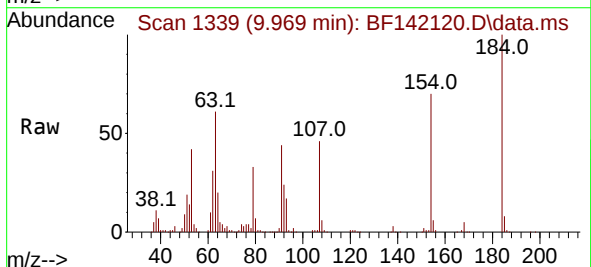
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

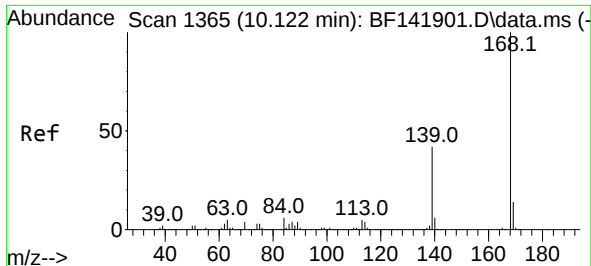
Tgt Ion:138 Resp: 121605
Ion Ratio Lower Upper
138 100
108 11.0 9.3 13.9
92 111.3 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 98.804 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:184 Resp: 244415
Ion Ratio Lower Upper
184 100
63 61.0 60.2 90.4
154 70.0 132.9 199.3#

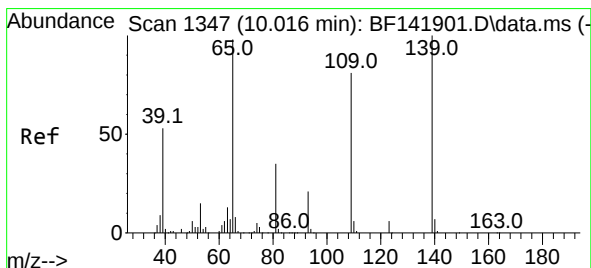
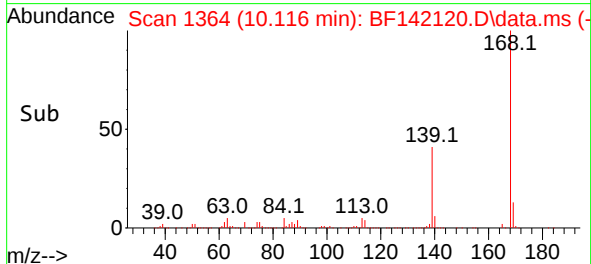
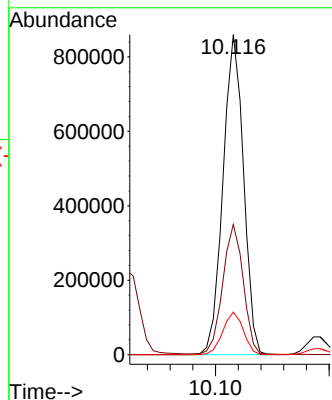
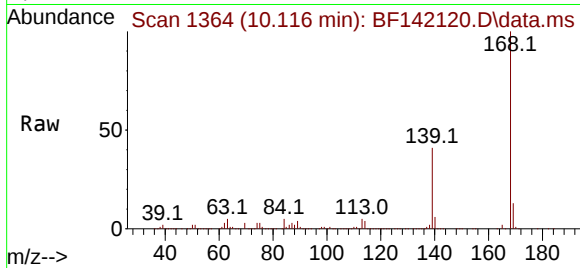




#55
Dibenzenofuran
Concen: 43.558 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

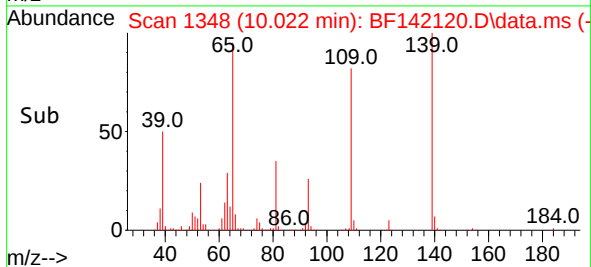
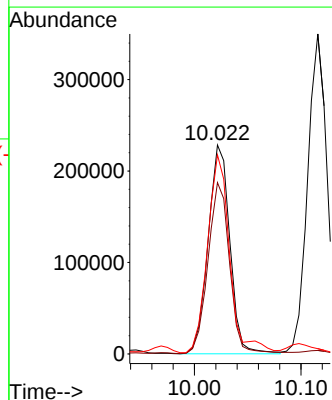
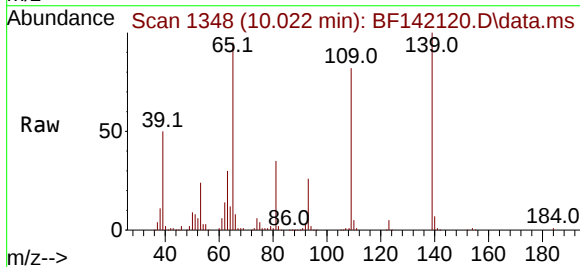
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

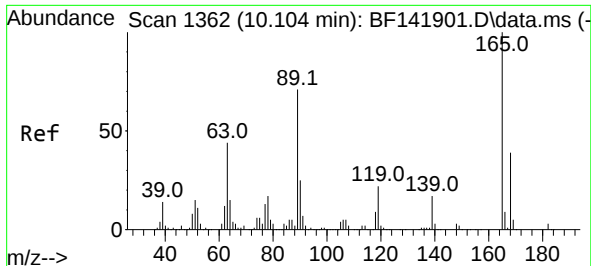
Tgt Ion:168 Resp: 1079259
Ion Ratio Lower Upper
168 100
139 40.7 33.9 50.9
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 98.844 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:139 Resp: 323687
Ion Ratio Lower Upper
139 100
109 82.0 61.6 101.6
65 95.2 79.4 119.4

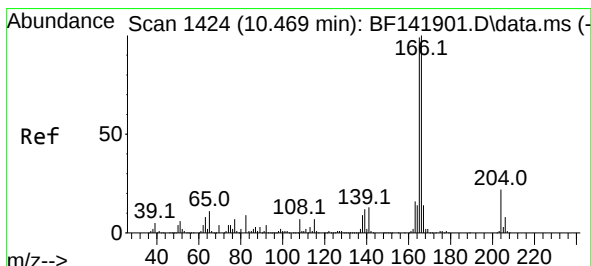
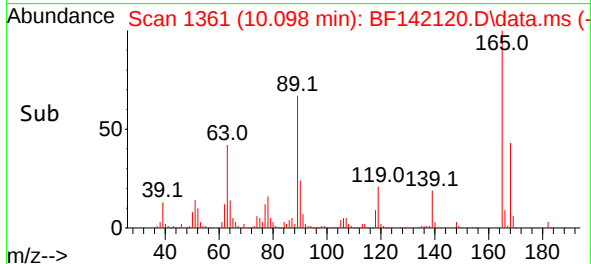
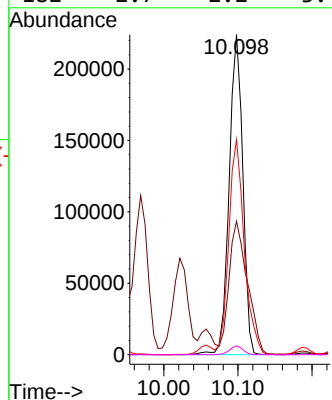
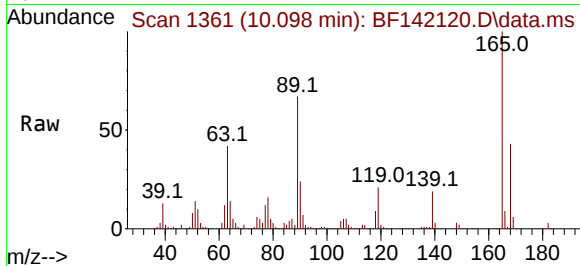




#57
2,4-Dinitrotoluene
Concen: 51.021 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

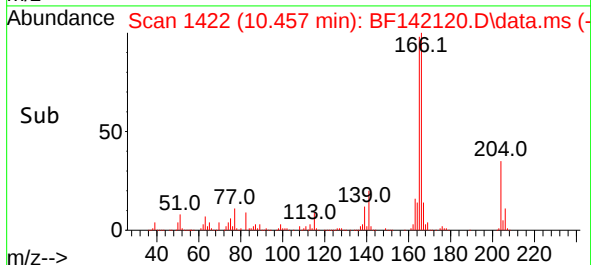
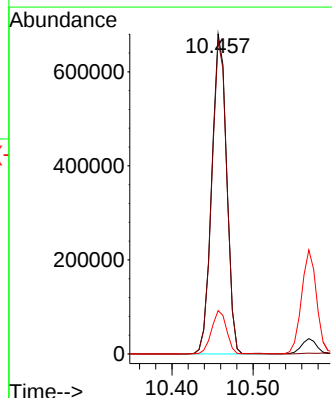
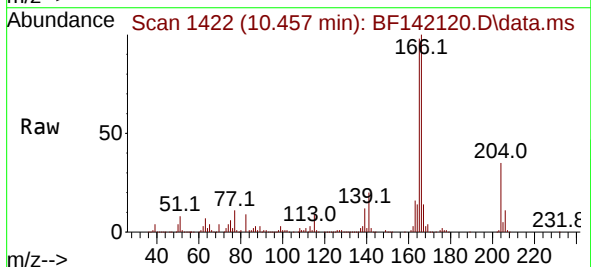
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

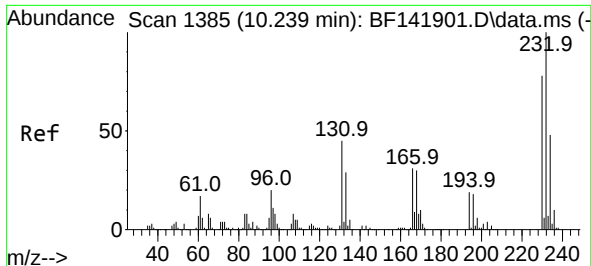
Tgt Ion:165 Resp: 285275
Ion Ratio Lower Upper
165 100
63 41.7 35.4 53.2
89 67.2 56.6 84.8
182 2.7 2.2 3.4



#58
Fluorene
Concen: 45.321 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:166 Resp: 865980
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.4
167 13.6 11.0 16.4

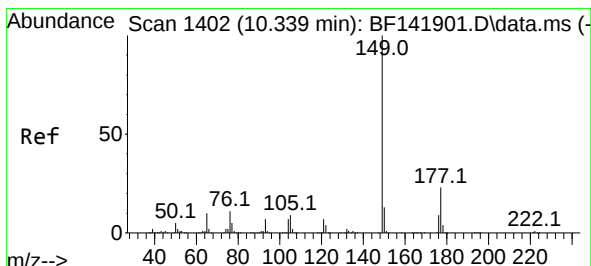
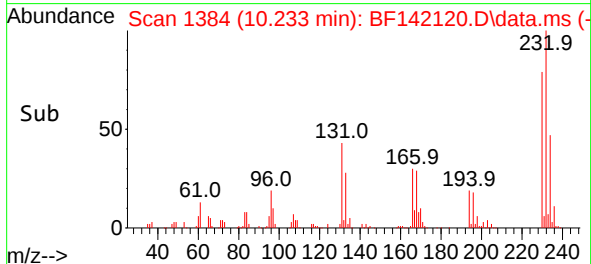
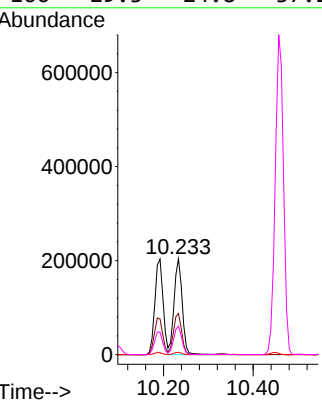
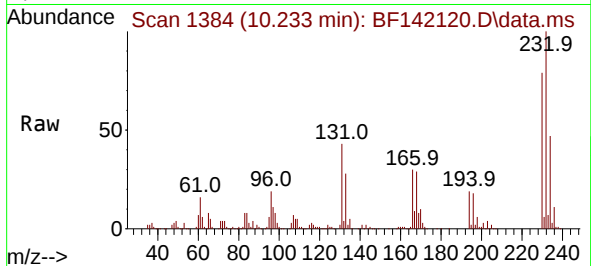




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.937 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

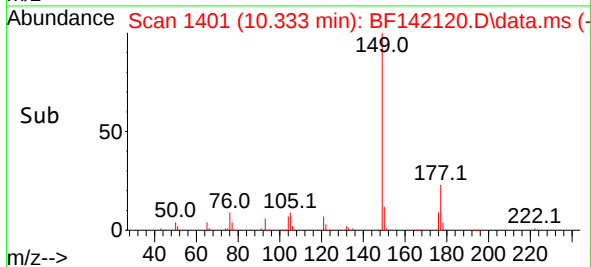
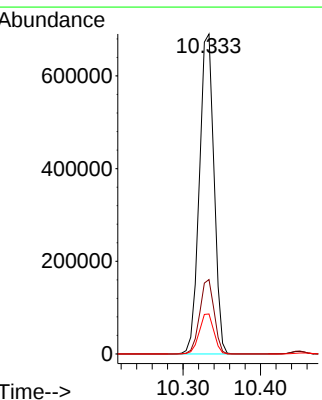
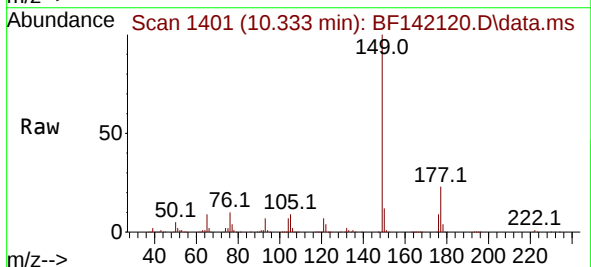
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

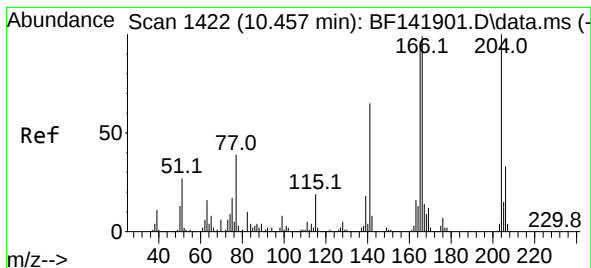
Tgt Ion:232 Resp: 258101
Ion Ratio Lower Upper
232 100
131 43.4 37.3 55.9
130 2.4 1.9 2.9
166 29.3 24.8 37.2



#60
Diethylphthalate
Concen: 44.151 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:149 Resp: 905154
Ion Ratio Lower Upper
149 100
177 23.3 18.0 27.0
150 12.5 10.2 15.4

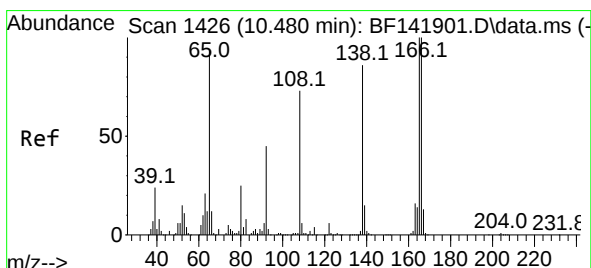
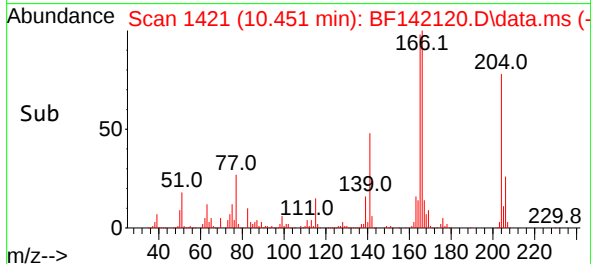
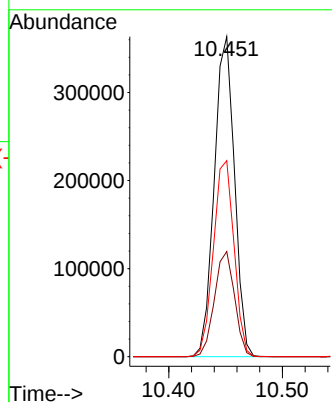
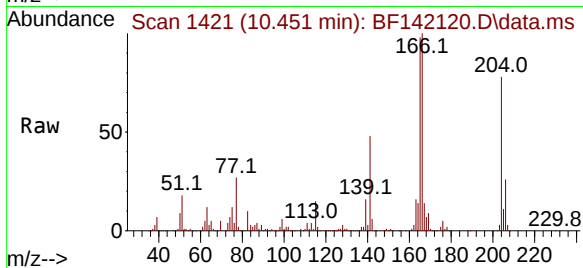




#61
4-Chlorophenyl-phenylether
Concen: 45.189 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

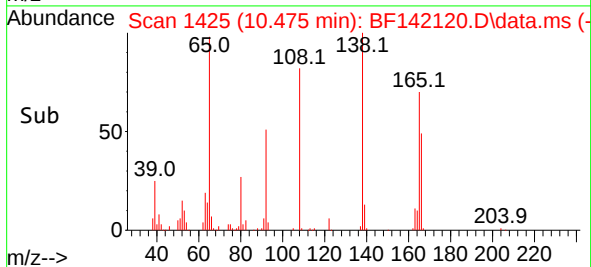
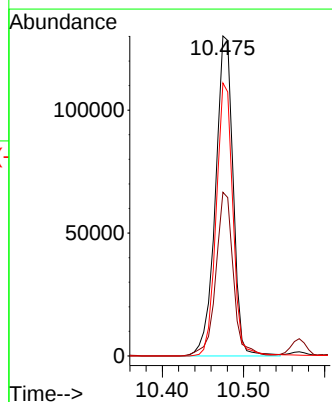
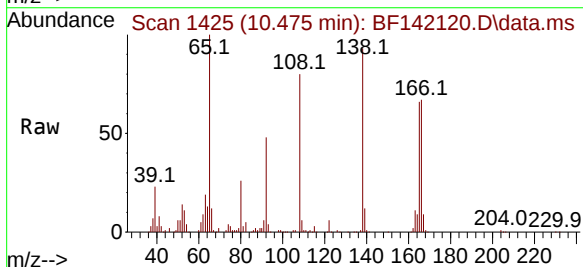
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

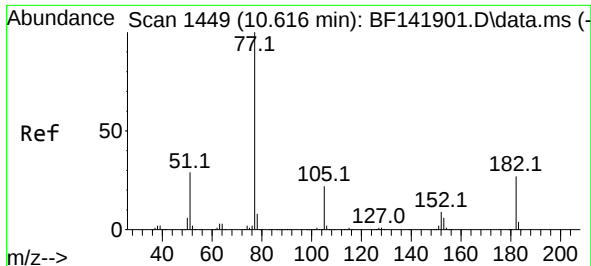
Tgt Ion:204 Resp: 450165
Ion Ratio Lower Upper
204 100
206 32.9 26.8 40.2
141 61.2 52.4 78.6



#62
4-Nitroaniline
Concen: 46.747 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:138 Resp: 197627
Ion Ratio Lower Upper
138 100
92 51.1 32.6 72.6
108 85.3 65.0 105.0

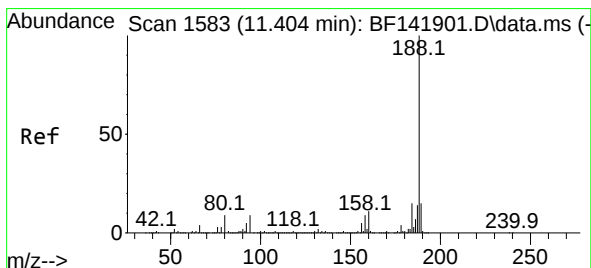
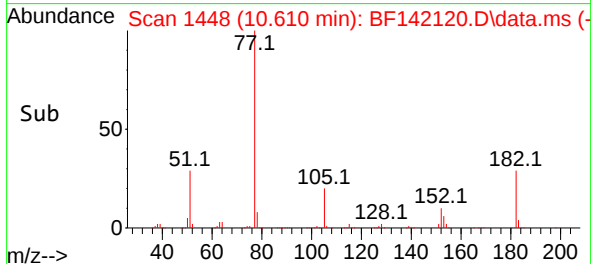
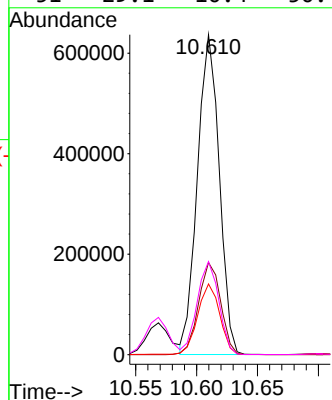
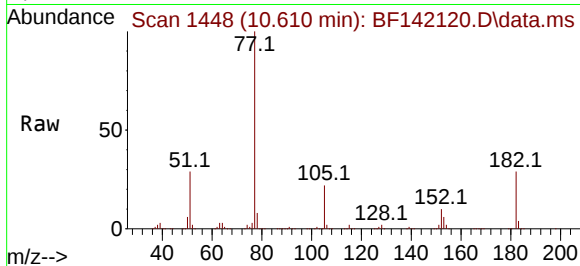




#63
 Azobenzene
 Concen: 41.649 ng
 RT: 10.610 min Scan# 1449
 Delta R.T. -0.006 min
 Lab File: BF142120.D
 Acq: 27 Mar 2025 12:02

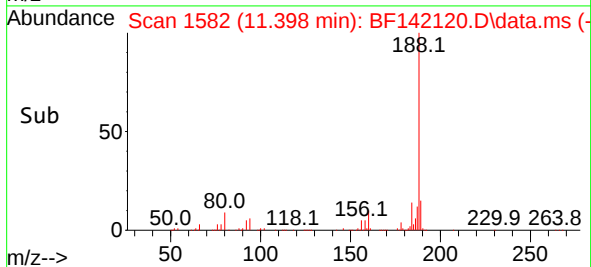
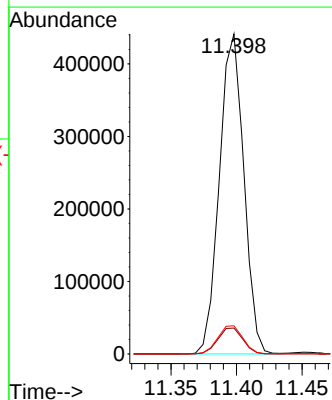
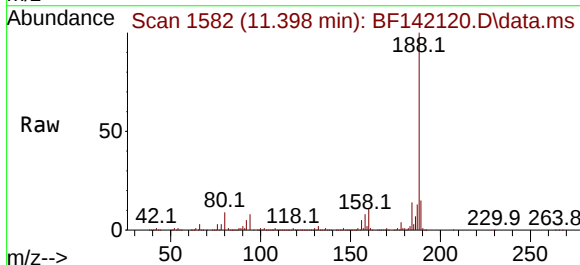
Instrument :
 BNA_F
 ClientSampleId :
 PB167326BSD

Tgt Ion:	77	Resp:	793844
Ion	Ratio	Lower	Upper
77	100		
182	28.8	6.6	46.6
105	22.1	1.3	41.3
51	29.1	10.4	50.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.398 min Scan# 1582
 Delta R.T. -0.006 min
 Lab File: BF142120.D
 Acq: 27 Mar 2025 12:02

Tgt Ion:	188	Resp:	571064
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.8	10.2
80	8.8	7.6	11.4

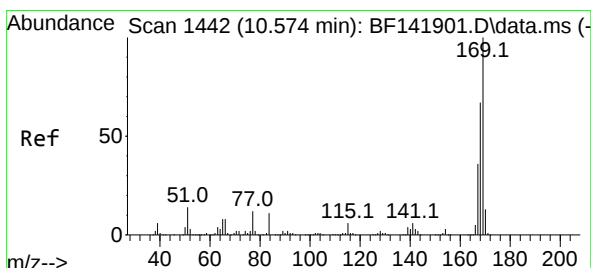
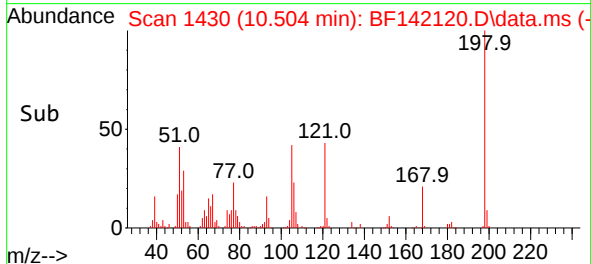
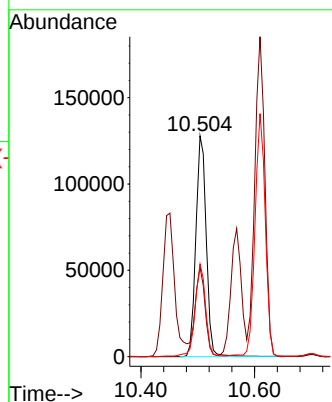
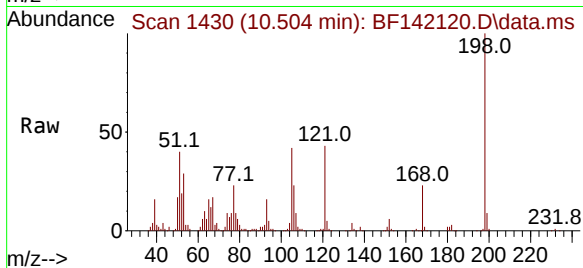




#65
4,6-Dinitro-2-methylphenol
Concen: 48.073 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

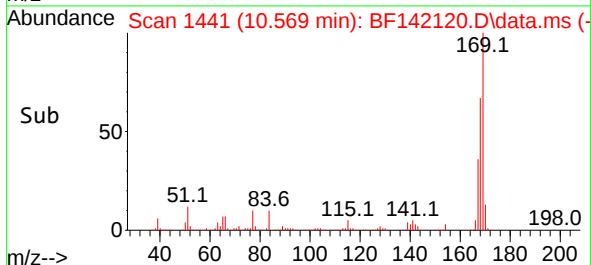
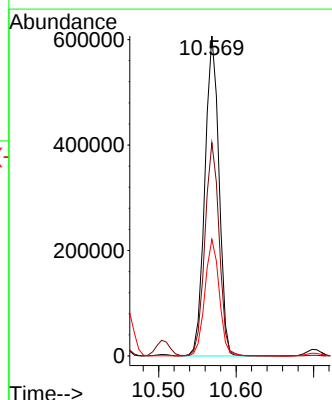
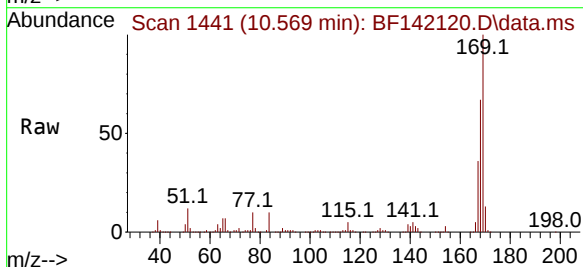
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

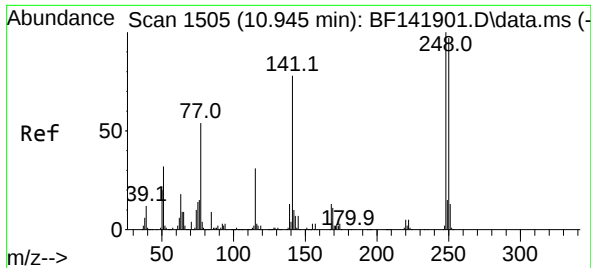
Tgt Ion:198 Resp: 163659
Ion Ratio Lower Upper
198 100
51 40.4 22.3 62.3
105 42.0 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 41.458 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:169 Resp: 766134
Ion Ratio Lower Upper
169 100
168 66.7 53.7 80.5
167 36.4 29.2 43.8

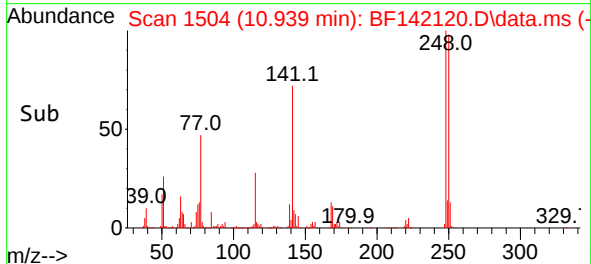
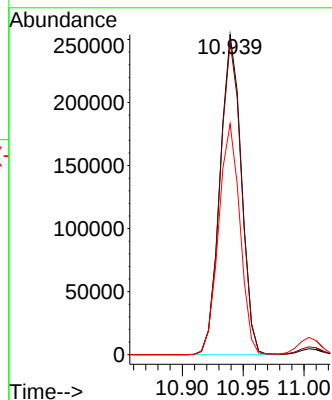
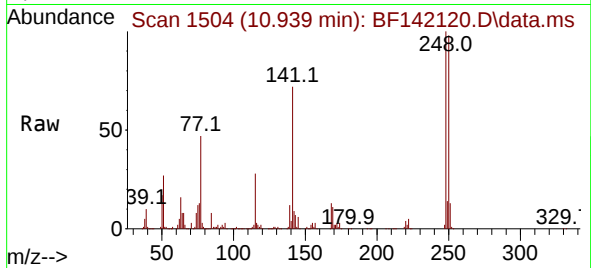




#67
4-Bromophenyl-phenylether
Concen: 43.148 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

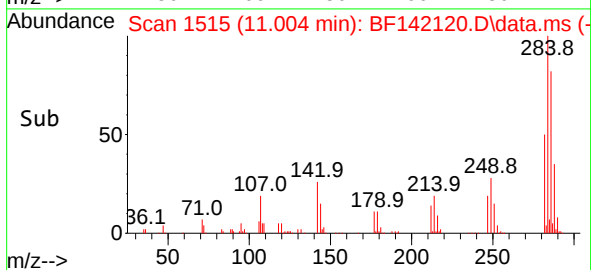
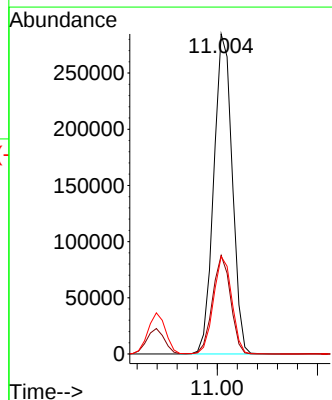
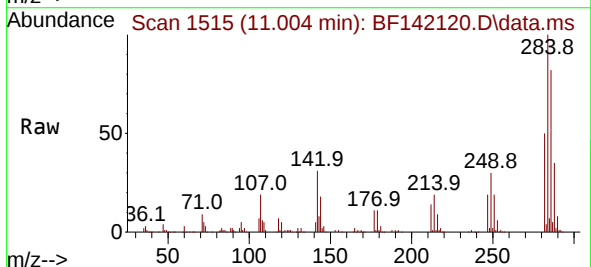
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

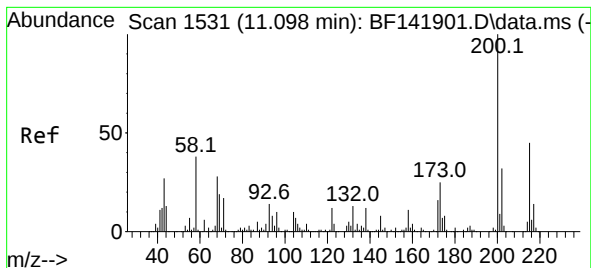
Tgt Ion:248 Resp: 309451
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.8
141 72.2 62.6 93.8



#68
Hexachlorobenzene
Concen: 46.182 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:284 Resp: 363268
Ion Ratio Lower Upper
284 100
142 30.8 27.0 40.6
249 30.4 25.2 37.8





#69

Atrazine

Concen: 59.164 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167326BSD

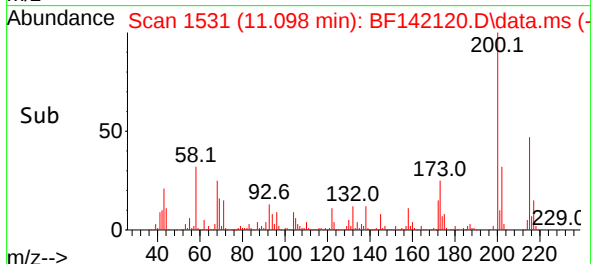
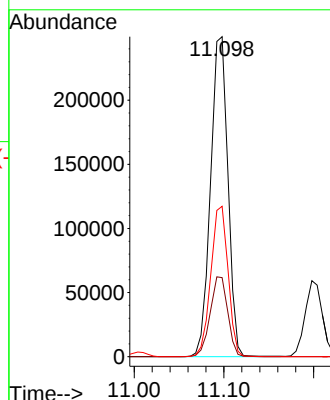
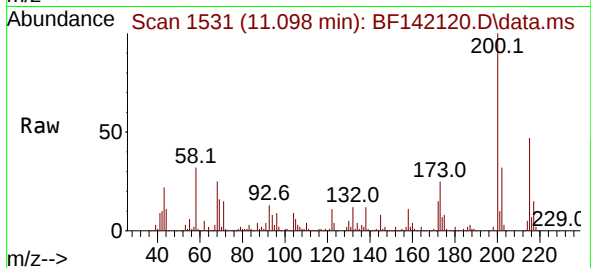
Tgt Ion:200 Resp: 335176

Ion Ratio Lower Upper

200 100

173 24.7 4.7 44.7

215 47.0 25.4 65.4



#70

Pentachlorophenol

Concen: 91.034 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

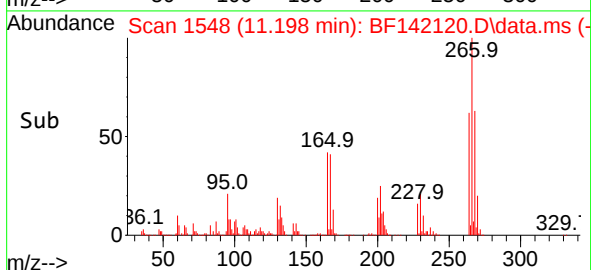
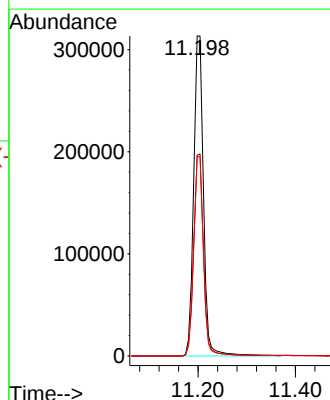
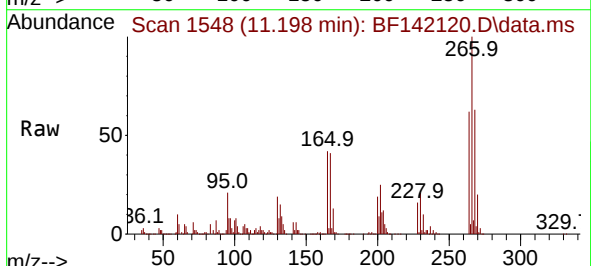
Tgt Ion:266 Resp: 441191

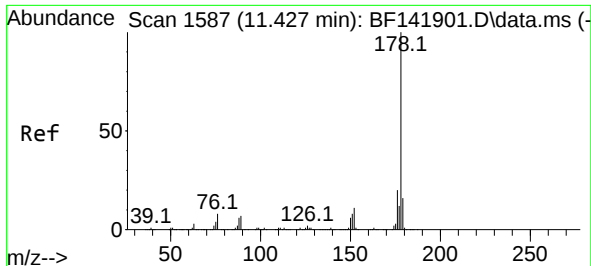
Ion Ratio Lower Upper

266 100

268 62.7 51.0 76.6

264 62.3 50.2 75.2

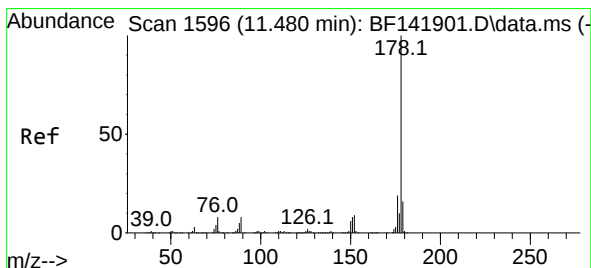
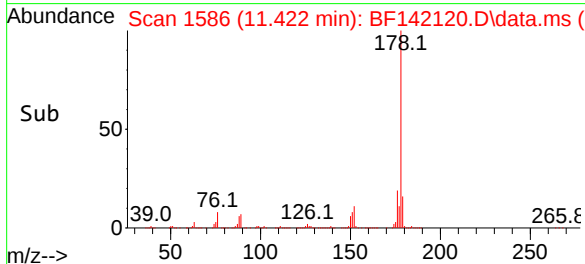
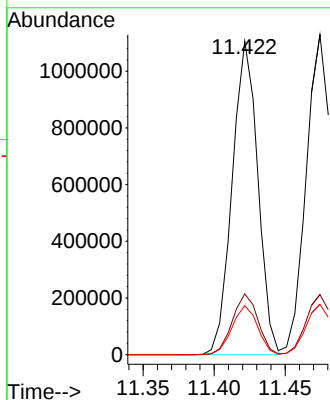
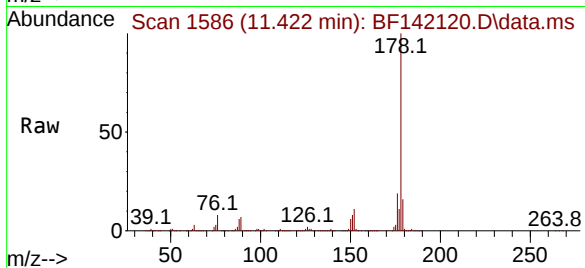




#71
Phenanthrene
Concen: 44.928 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

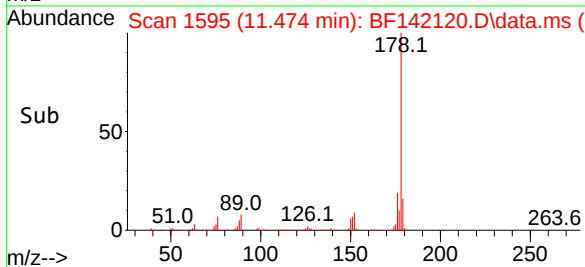
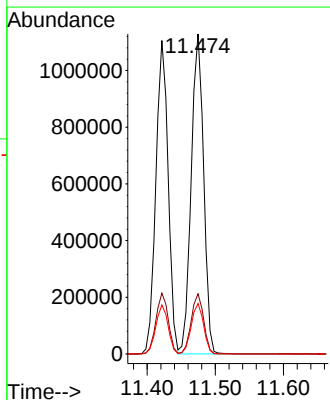
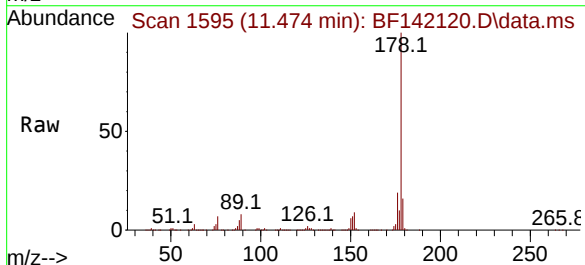
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

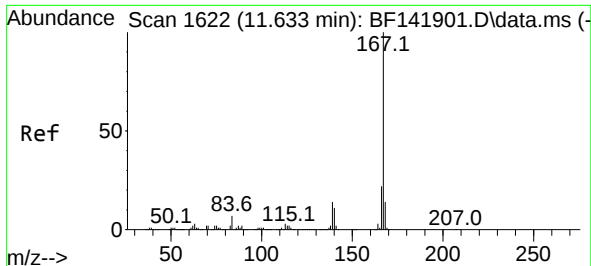
Tgt Ion:178 Resp: 1385798
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.6 12.6 19.0



#72
Anthracene
Concen: 45.823 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:178 Resp: 1418009
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.7 12.6 19.0

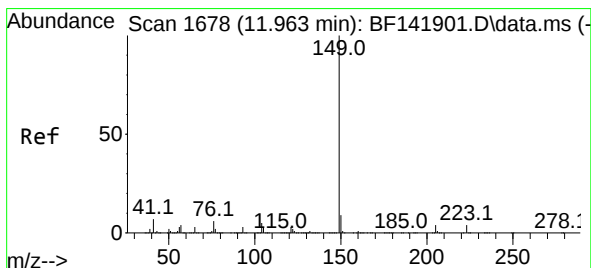
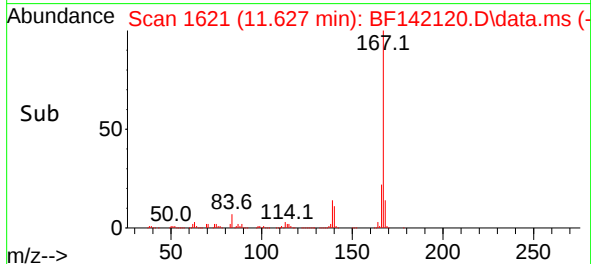
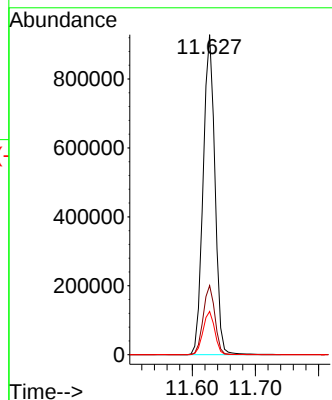
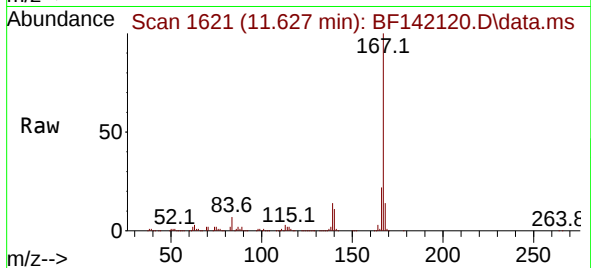




#73
Carbazole
Concen: 45.056 ng
RT: 11.627 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

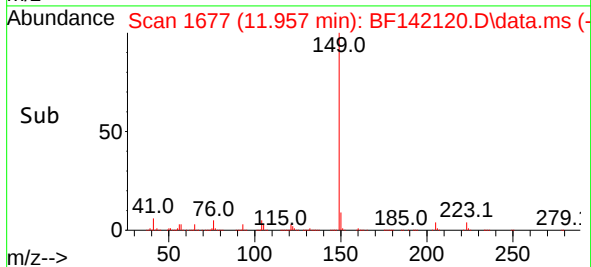
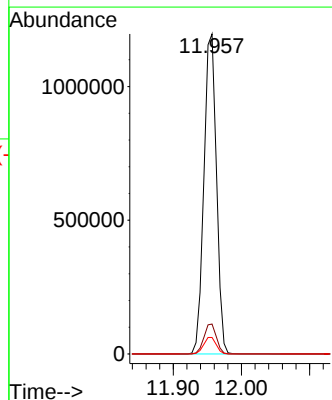
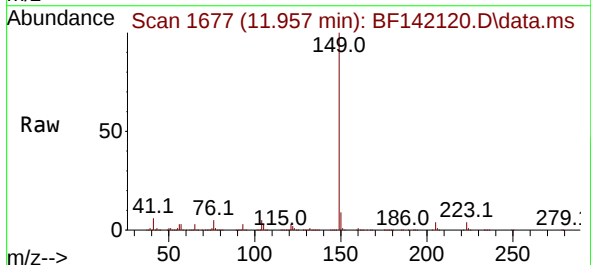
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

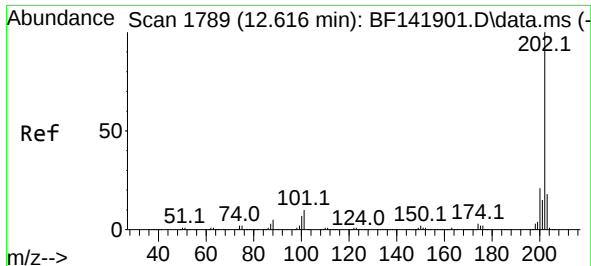
Tgt Ion:167 Resp: 1202459
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.2
139 13.5 11.0 16.6



#74
Di-n-butylphthalate
Concen: 43.238 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

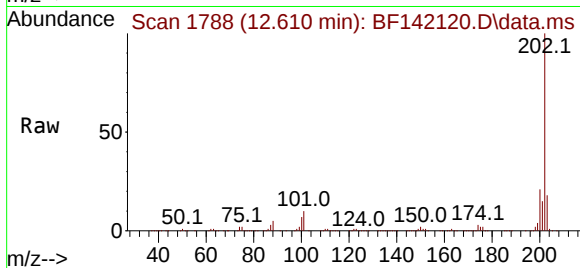
Tgt Ion:149 Resp: 1531120
Ion Ratio Lower Upper
149 100
150 9.3 7.6 11.4
104 5.2 4.4 6.6



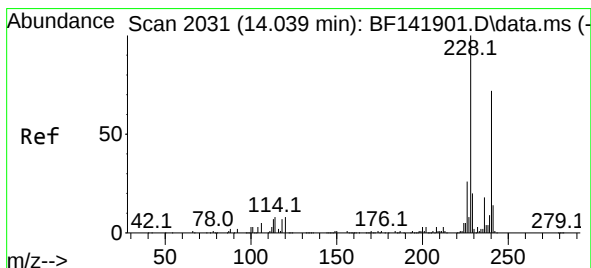
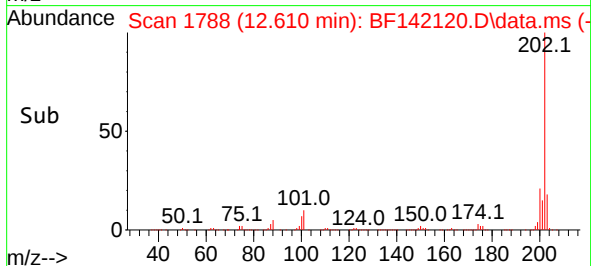
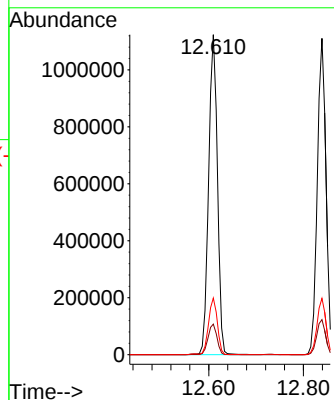


#75
Fluoranthene
Concen: 44.195 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Instrument :
BNA_F
ClientSampleId :
PB167326BSD

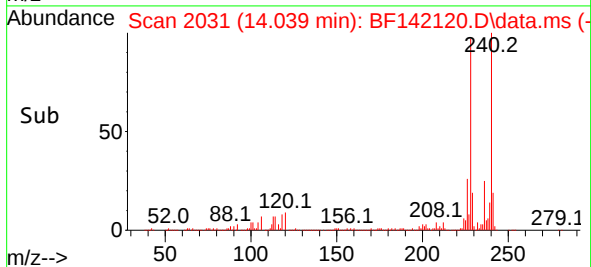
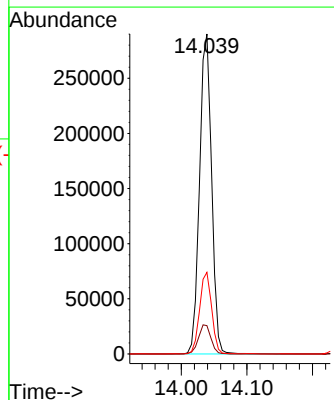
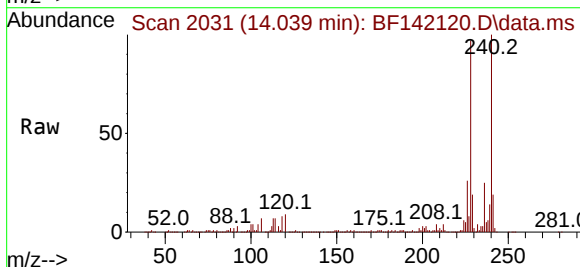


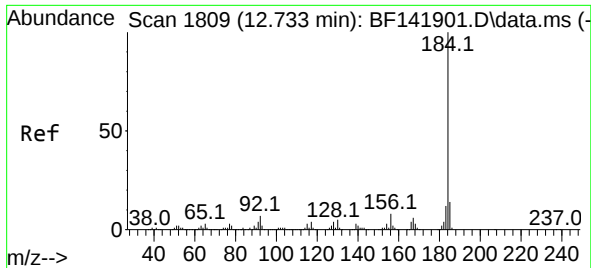
Tgt Ion:202 Resp: 1446036
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.7
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:240 Resp: 370781
Ion Ratio Lower Upper
240 100
120 8.9 8.4 12.6
236 25.5 20.5 30.7

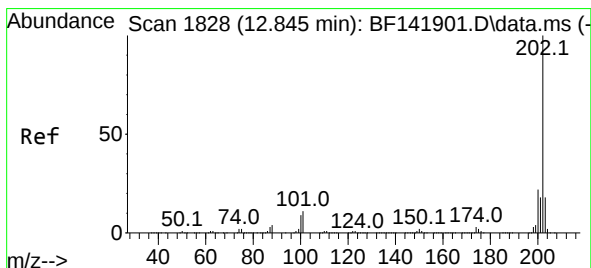
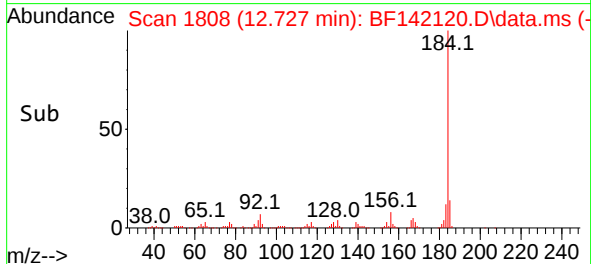
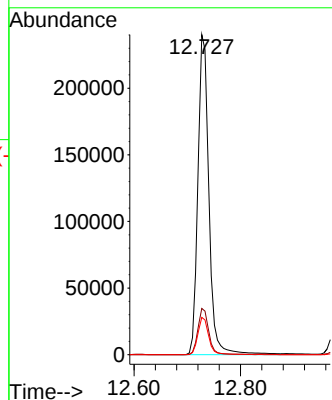
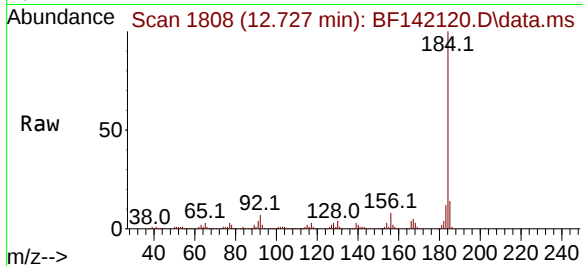




#77
Benzidine
Concen: 66.514 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

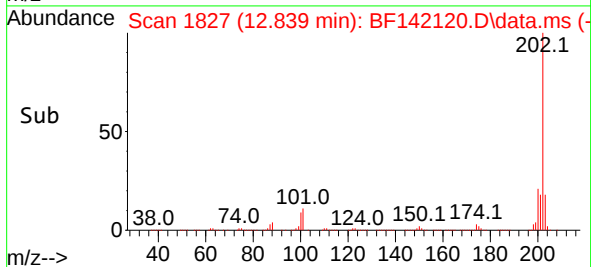
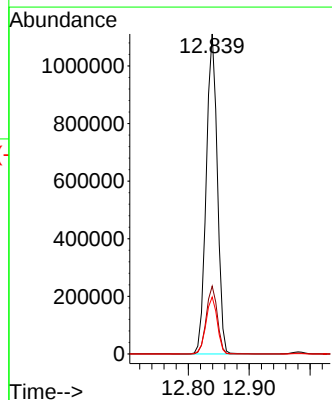
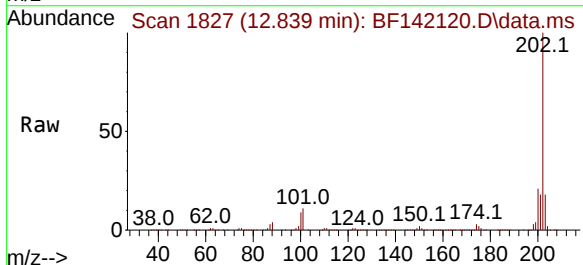
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

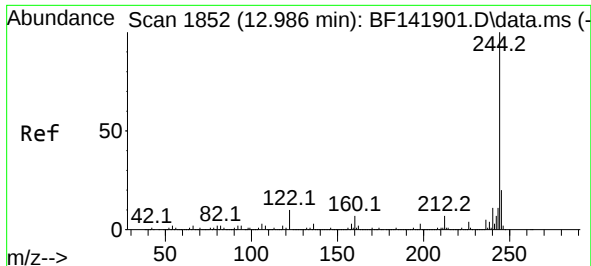
Tgt Ion:184 Resp: 344081
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.7 9.7 14.5



#78
Pyrene
Concen: 43.797 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:202 Resp: 1404705
Ion Ratio Lower Upper
202 100
200 21.2 17.3 25.9
203 17.8 14.4 21.6

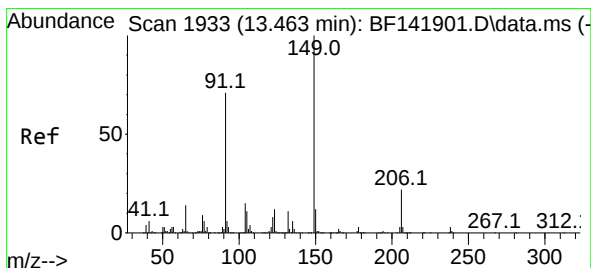
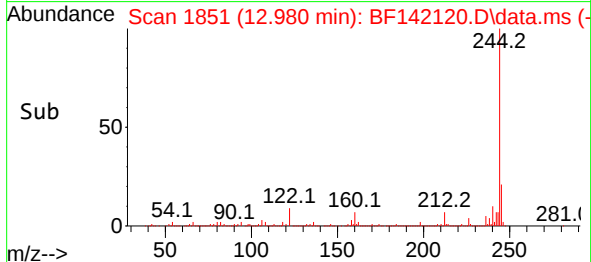
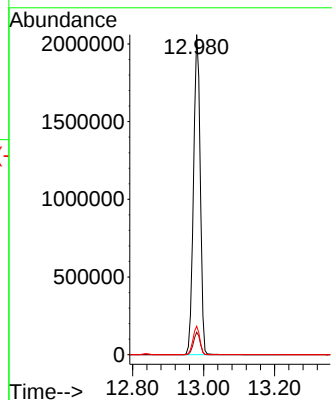
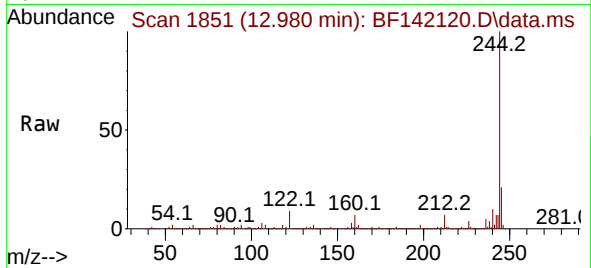




#79
 Terphenyl-d14
 Concen: 108.307 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142120.D
 Acq: 27 Mar 2025 12:02

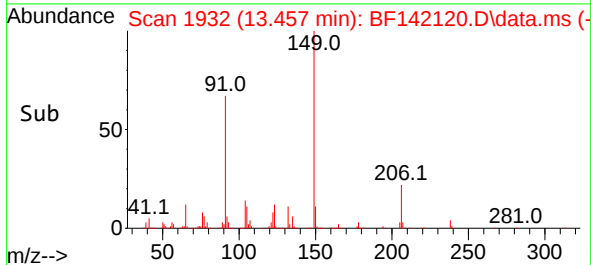
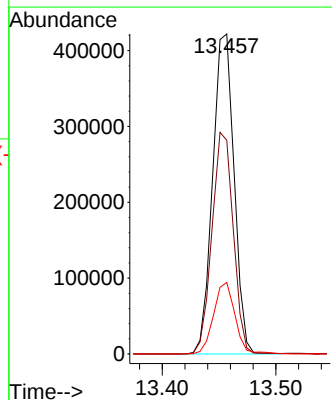
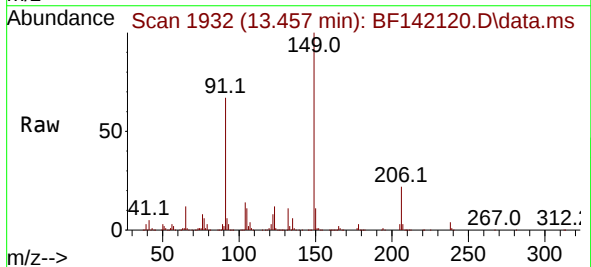
Instrument :
 BNA_F
 ClientSampleId :
 PB167326BSD

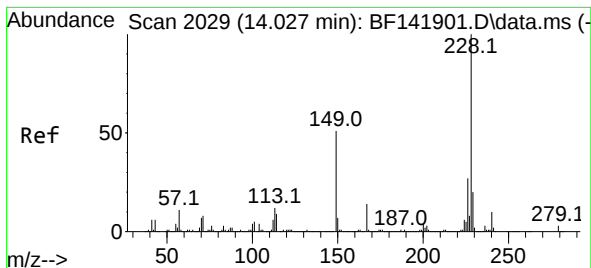
Tgt Ion:244 Resp: 2716225
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.9 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 44.129 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF142120.D
 Acq: 27 Mar 2025 12:02

Tgt Ion:149 Resp: 553970
 Ion Ratio Lower Upper
 149 100
 91 66.8 56.5 84.7
 206 22.4 17.3 25.9





#81

Benzo(a)anthracene

Concen: 46.441 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167326BSD

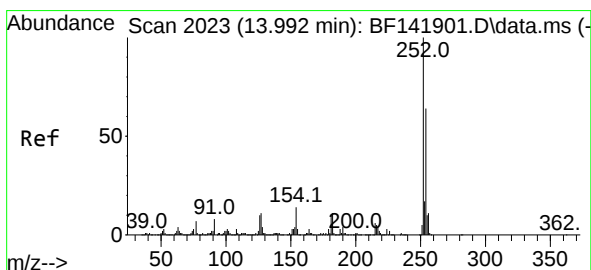
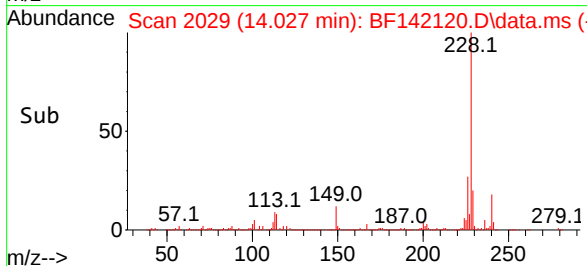
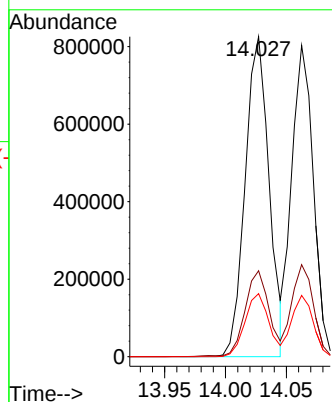
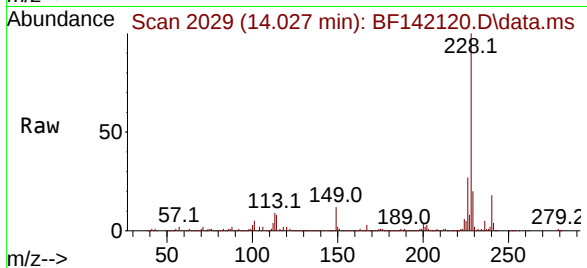
Tgt Ion:228 Resp: 1129956

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 19.7 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 28.504 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

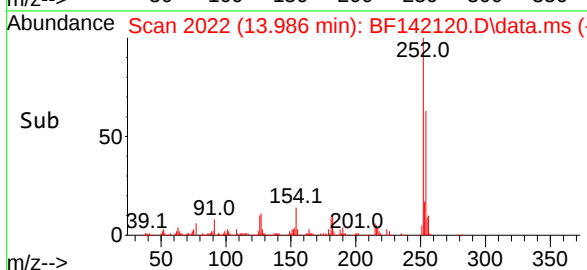
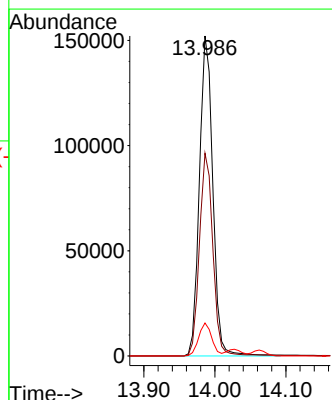
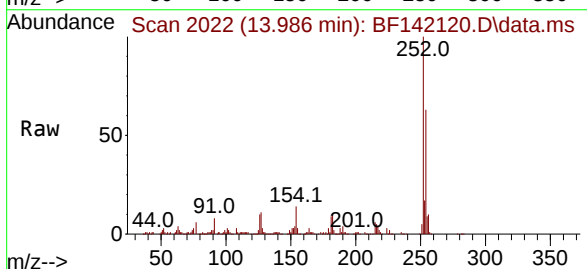
Tgt Ion:252 Resp: 200417

Ion Ratio Lower Upper

252 100

254 63.4 51.0 76.6

126 10.3 8.4 12.6





#83

Chrysene

Concen: 45.108 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB167326BSD

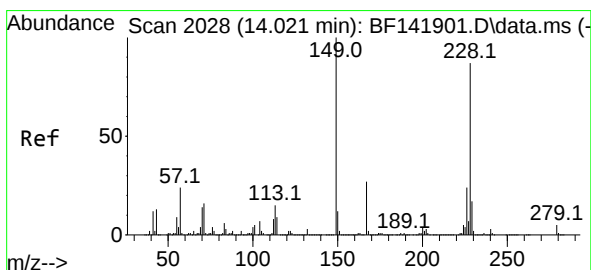
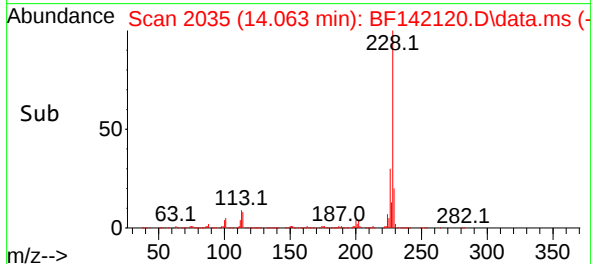
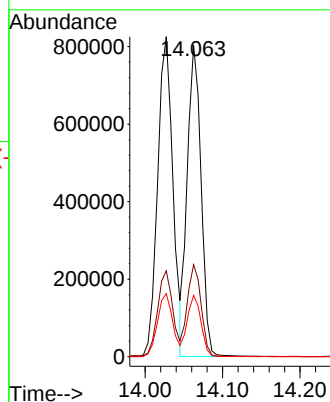
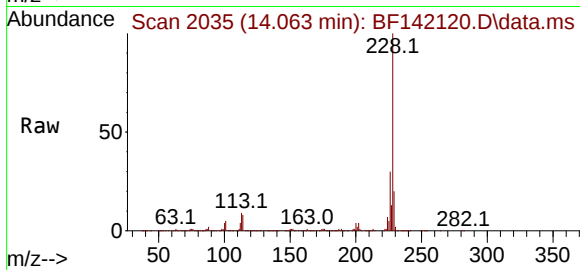
Tgt Ion:228 Resp: 994865

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.629 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF142120.D

Acq: 27 Mar 2025 12:02

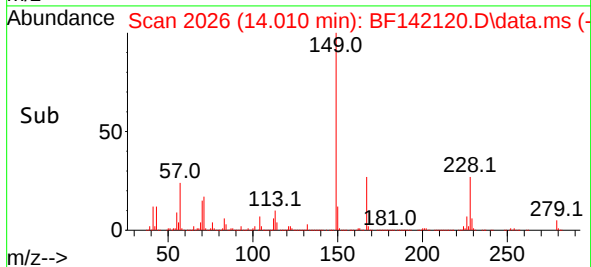
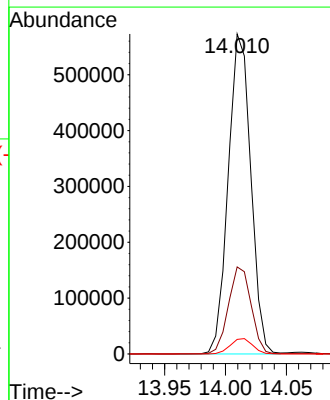
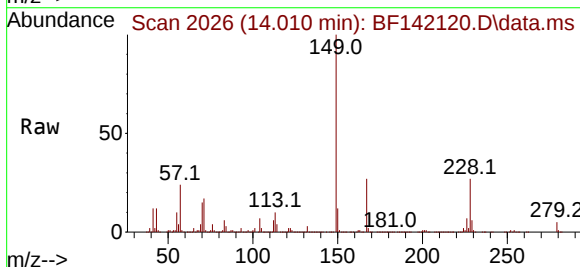
Tgt Ion:149 Resp: 737838

Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.6 3.8 5.6

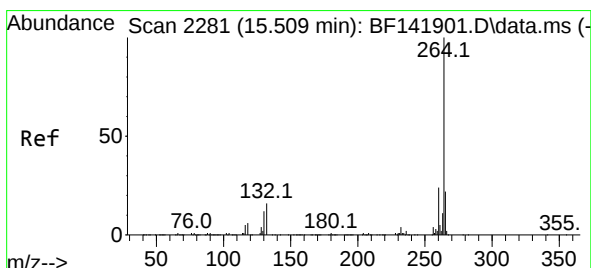
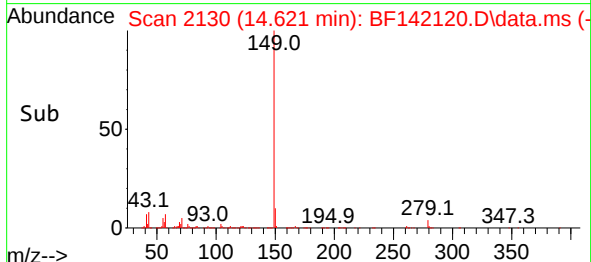
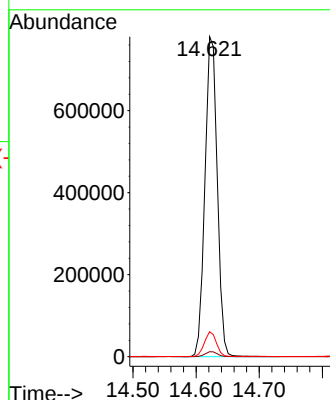
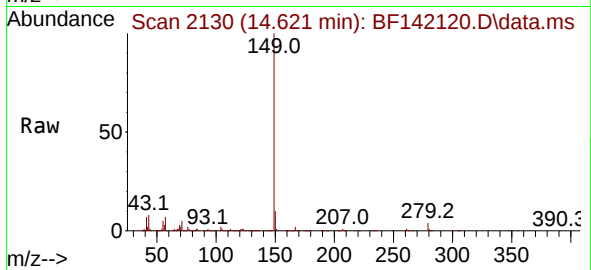




#85
Di-n-octyl phthalate
Concen: 43.925 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

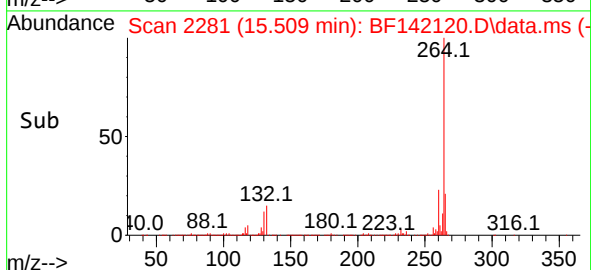
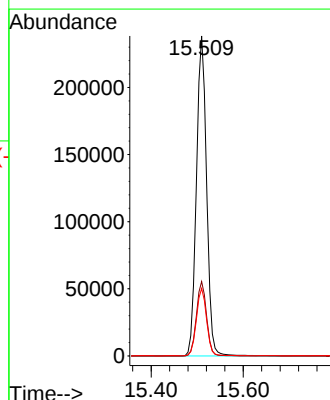
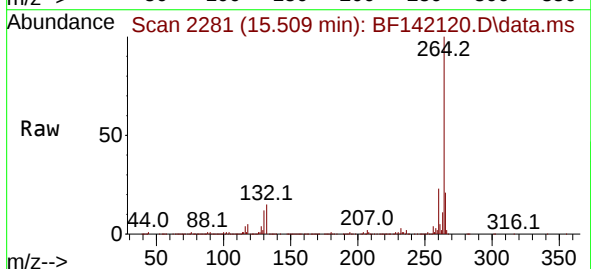
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

Tgt Ion:149 Resp: 1057849
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.5 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:264 Resp: 364885
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 21.1 17.5 26.3

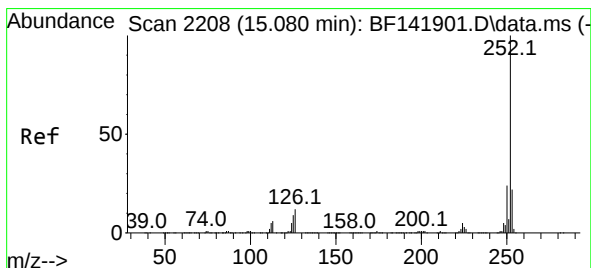
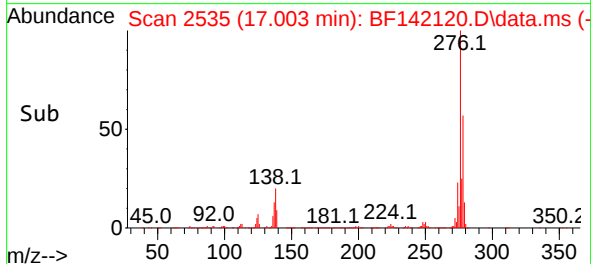
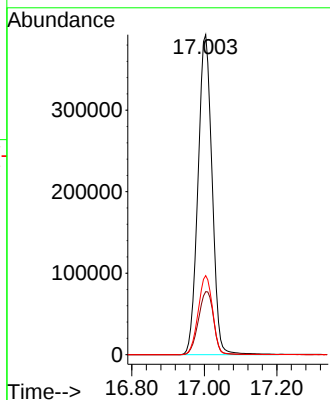
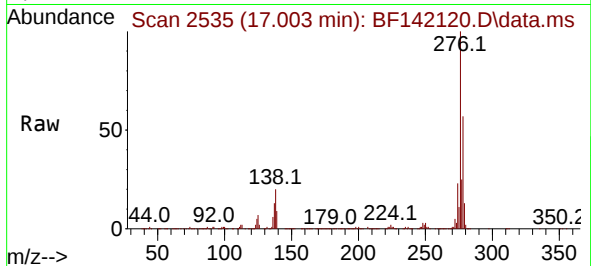




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.846 ng
RT: 17.003 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

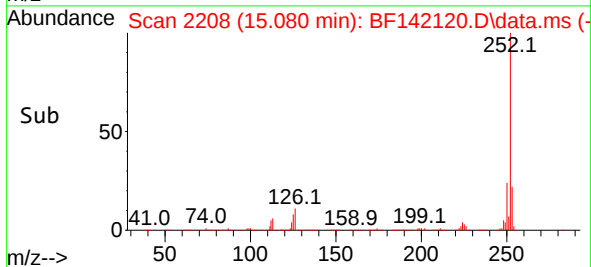
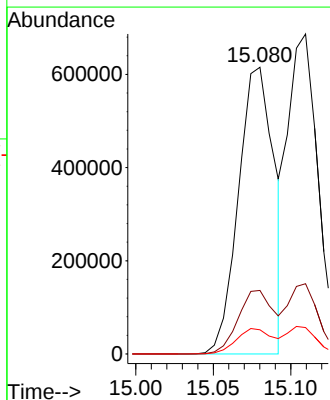
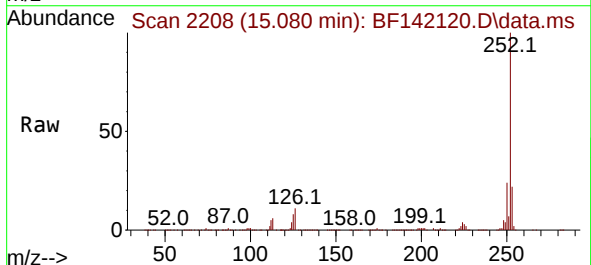
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

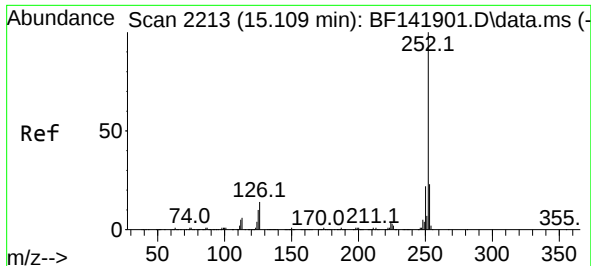
Tgt Ion:276 Resp: 1058528
Ion Ratio Lower Upper
276 100
138 21.2 18.4 27.6
277 25.4 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 39.517 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:252 Resp: 988239
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.4 7.0 10.4

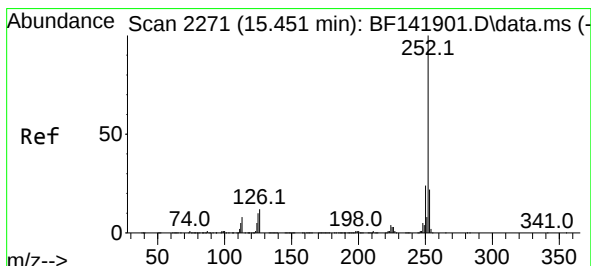
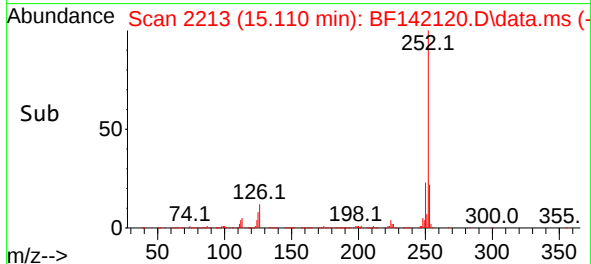
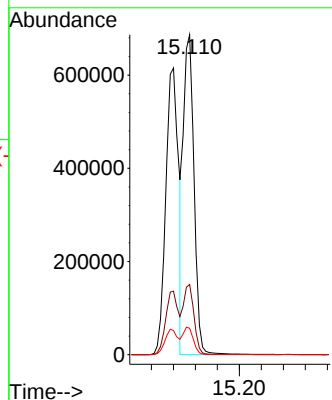
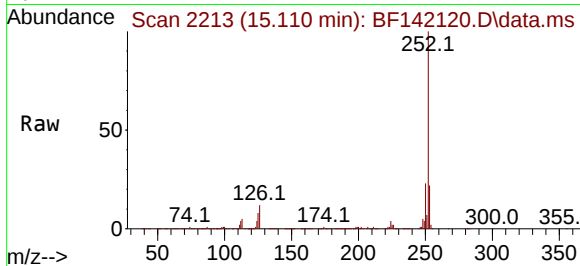




#89
Benzo(k)fluoranthene
Concen: 43.381 ng
RT: 15.110 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

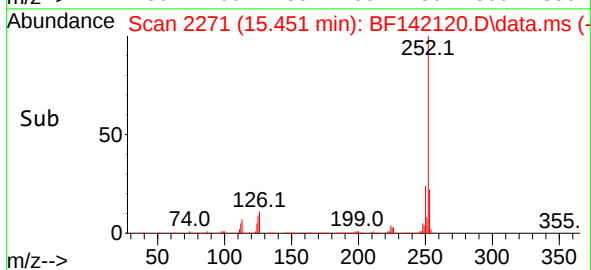
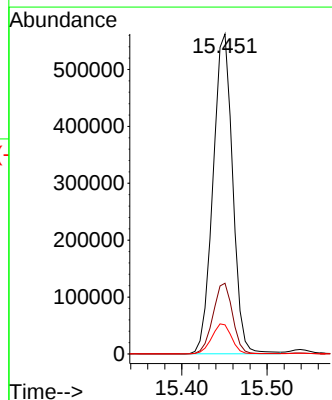
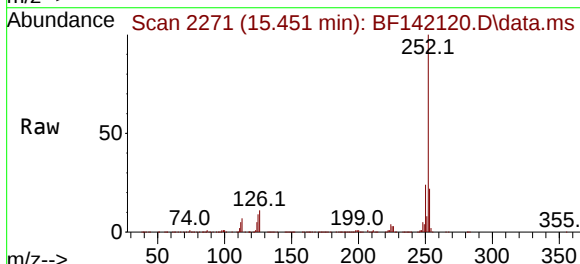
Instrument :
BNA_F
ClientSampleId :
PB167326BSD

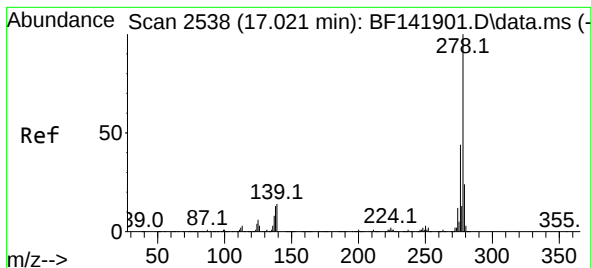
Tgt Ion:252 Resp: 928386
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 8.3 7.2 10.8



#90
Benzo(a)pyrene
Concen: 46.028 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:252 Resp: 900651
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.1 7.8 11.8

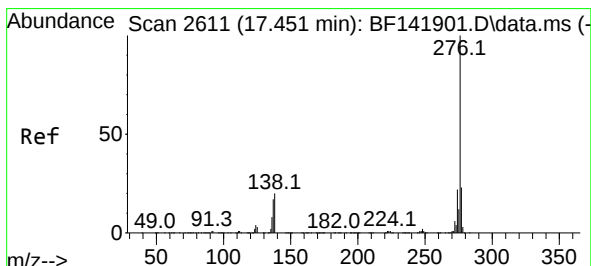
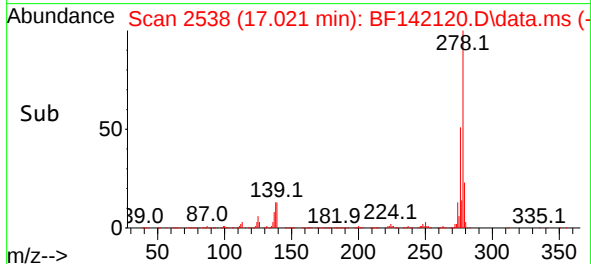
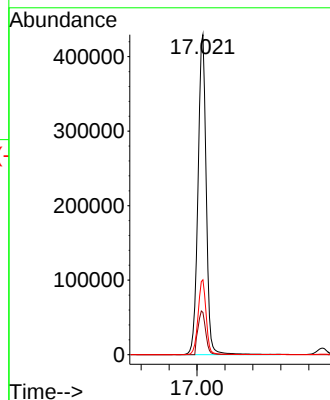
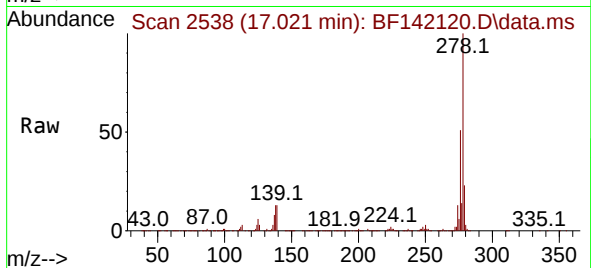




#91
Dibenzo(a,h)anthracene
Concen: 44.874 ng
RT: 17.021 min Scan# 2538
Delta R.T. 0.000 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Instrument :
BNA_F
ClientSampleId :
PB167326BSD

Tgt Ion:278 Resp: 873928
Ion Ratio Lower Upper
278 100
139 13.2 11.4 17.2
279 23.4 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 40.652 ng
RT: 17.451 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BF142120.D
Acq: 27 Mar 2025 12:02

Tgt Ion:276 Resp: 782366
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 18.0 15.8 23.8

