

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
 Data File : BF142011.D
 Acq On : 20 Mar 2025 15:01
 Operator : RC/JU
 Sample : PB167206BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167206BS

Quant Time: Mar 20 15:28:57 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	6.875	152	157249	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	620108	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	350350	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	607454	20.000	ng	0.00
76) Chrysene-d12	14.033	240	347058	20.000	ng	0.00
86) Perylene-d12	15.510	264	334560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1211861	128.621	ng	0.01
7) Phenol-d6	6.504	99	1489083	124.129	ng	0.00
23) Nitrobenzene-d5	7.434	82	987206	89.591	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	632241	142.248	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2081720	90.364	ng	0.00
79) Terphenyl-d14	12.980	244	2260679	96.304	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	162214	41.089	ng	99
3) Pyridine	3.499	79	373202	38.539	ng	98
4) n-Nitrosodimethylamine	3.440	42	185623	40.212	ng	96
6) Aniline	6.534	93	371372	31.381	ng	96
8) 2-Chlorophenol	6.657	128	459950	44.016	ng	99
9) Benzaldehyde	6.422	77	120077	17.897	ng	99
10) Phenol	6.516	94	523891	41.511	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	396427	41.833	ng	98
12) 1,3-Dichlorobenzene	6.816	146	486723	43.143	ng	99
13) 1,4-Dichlorobenzene	6.893	146	495869	43.442	ng	99
14) 1,2-Dichlorobenzene	7.045	146	476008	44.274	ng	98
15) Benzyl Alcohol	7.010	79	398042	41.042	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	443107	38.731	ng	98
17) 2-Methylphenol	7.122	107	358717	43.174	ng	99
18) Hexachloroethane	7.387	117	185112	43.247	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	301110	39.063	ng	100
20) 3+4-Methylphenols	7.275	107	451979	42.470	ng	# 86
22) Acetophenone	7.281	105	681861	45.916	ng	97
24) Nitrobenzene	7.457	77	466752	42.609	ng	99
25) Isophorone	7.692	82	840420	43.147	ng	99
26) 2-Nitrophenol	7.769	139	244337	45.447	ng	99
27) 2,4-Dimethylphenol	7.804	122	395045	53.362	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	502258	41.112	ng	99
29) 2,4-Dichlorophenol	8.010	162	395083	42.996	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	435202	42.977	ng	99
31) Naphthalene	8.181	128	1339198	42.042	ng	99
32) Benzoic acid	7.922	122	310968	47.786	ng	96
33) 4-Chloroaniline	8.222	127	174896	15.553	ng	97
34) Hexachlorobutadiene	8.292	225	292945	44.359	ng	99
35) Caprolactam	8.592	113	88171	31.473	ng	92
36) 4-Chloro-3-methylphenol	8.704	107	428873	41.840	ng	99
37) 2-Methylnaphthalene	8.869	142	868284	40.781	ng	100
38) 1-Methylnaphthalene	8.969	142	838786	40.825	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	516333	48.406	ng	99
41) Hexachlorocyclopentadiene	9.022	237	628126	150.466	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	304050	43.616	ng	99

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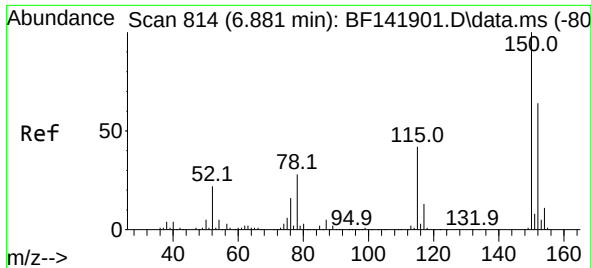
Quant Time: Mar 20 15:28:57 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	317077	44.909	ng	99
46) 1,1'-Biphenyl	9.334	154	1252843	47.064	ng	100
47) 2-Chloronaphthalene	9.357	162	860840	43.386	ng	99
48) 2-Nitroaniline	9.451	65	247627	43.104	ng	99
49) Acenaphthylene	9.775	152	1338573	45.462	ng	100
50) Dimethylphthalate	9.634	163	1029908	41.979	ng	100
51) 2,6-Dinitrotoluene	9.692	165	227147	44.467	ng	96
52) Acenaphthene	9.945	154	996164	48.143	ng	100
53) 3-Nitroaniline	9.863	138	121411	23.431	ng	96
54) 2,4-Dinitrophenol	9.969	184	263921	90.035	ng	# 48
55) Dibenzofuran	10.122	168	1221571	41.317	ng	98
56) 4-Nitrophenol	10.022	139	348081	89.078	ng	98
57) 2,4-Dinitrotoluene	10.098	165	310491	46.537	ng	99
58) Fluorene	10.463	166	976875	42.845	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	278049	43.278	ng	98
60) Diethylphthalate	10.333	149	1008455	41.223	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	505204	42.500	ng	98
62) 4-Nitroaniline	10.475	138	200935	39.832	ng	98
63) Azobenzene	10.616	77	900903	39.610	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	173183	47.823	ng	97
66) n-Nitrosodiphenylamine	10.569	169	838174	42.639	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	325140	42.619	ng	96
68) Hexachlorobenzene	11.010	284	377242	45.086	ng	95
69) Atrazine	11.098	200	334968	55.585	ng	99
70) Pentachlorophenol	11.204	266	450590	87.404	ng	99
71) Phenanthrene	11.422	178	1439697	43.879	ng	100
72) Anthracene	11.475	178	1464576	44.492	ng	100
73) Carbazole	11.628	167	1185513	41.760	ng	100
74) Di-n-butylphthalate	11.957	149	1519548	40.340	ng	99
75) Fluoranthene	12.610	202	1384289	39.773	ng	100
77) Benzidine	12.727	184	283320	58.512	ng	99
78) Pyrene	12.839	202	1372197	45.708	ng	99
80) Butylbenzylphthalate	13.457	149	501229	42.657	ng	96
81) Benzo(a)anthracene	14.027	228	998393	43.839	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	149865	22.771	ng	100
83) Chrysene	14.063	228	882766	42.761	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	672308	41.498	ng	100
85) Di-n-octyl phthalate	14.627	149	1055840	46.838	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	877070	40.526	ng	98
88) Benzo(b)fluoranthene	15.074	252	976921	42.606	ng	100
89) Benzo(k)fluoranthene	15.104	252	810913	41.326	ng	100
90) Benzo(a)pyrene	15.445	252	808714	45.075	ng	99
91) Dibenzo(a,h)anthracene	17.010	278	705085	39.486	ng	99
92) Benzo(g,h,i)perylene	17.445	276	657226	37.245	ng	98

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

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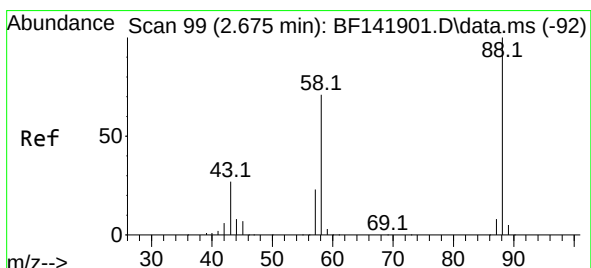
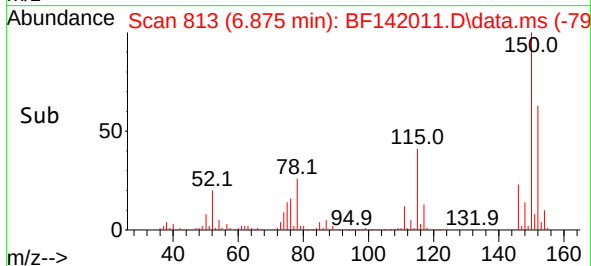
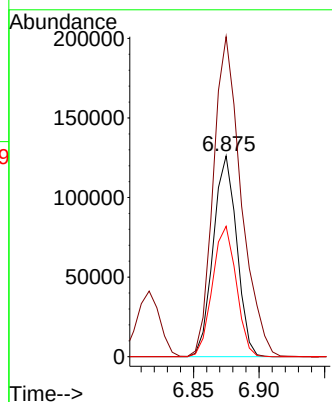
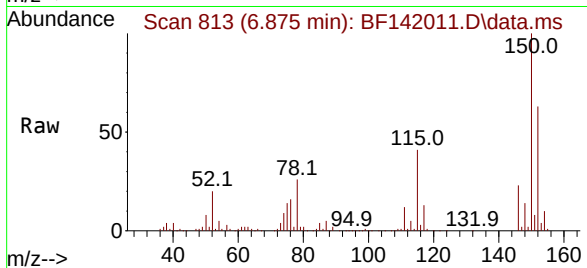




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF142011.D
 Acq: 20 Mar 2025 15:01

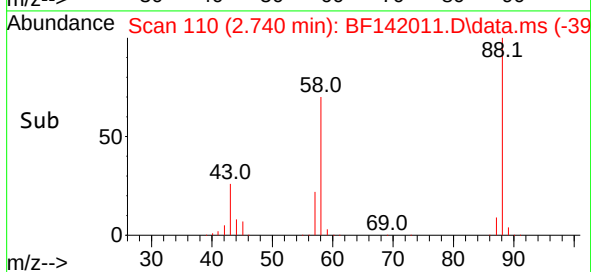
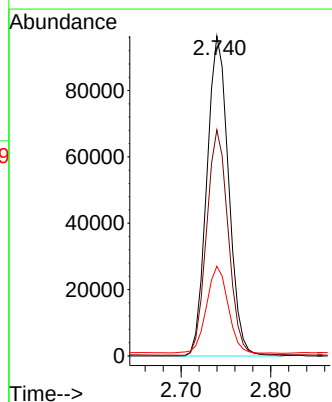
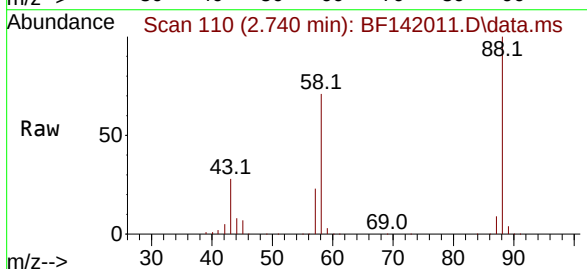
Instrument :
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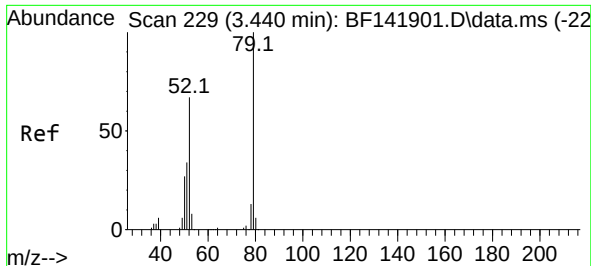
Tgt Ion:152 Resp: 157249
 Ion Ratio Lower Upper
 152 100
 150 159.3 127.4 191.2
 115 64.9 51.9 77.9



#2
 1,4-Dioxane
 Concen: 41.089 ng
 RT: 2.740 min Scan# 110
 Delta R.T. 0.065 min
 Lab File: BF142011.D
 Acq: 20 Mar 2025 15:01

Tgt Ion: 88 Resp: 162214
 Ion Ratio Lower Upper
 88 100
 58 70.5 57.4 86.2
 43 27.1 21.5 32.3

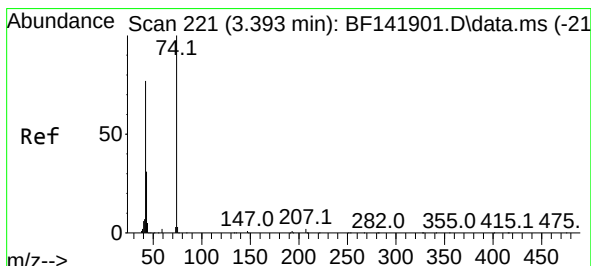
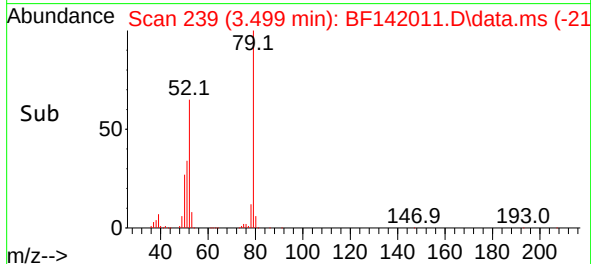
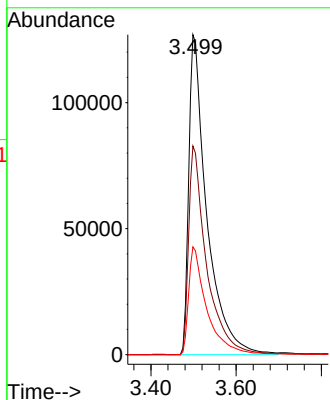
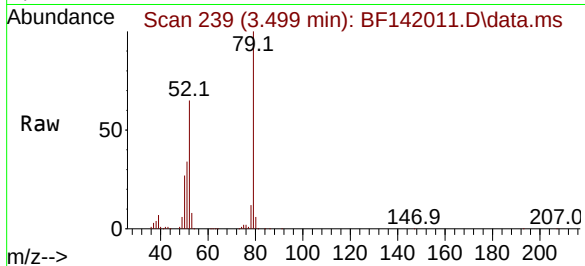




#3
 Pyridine
 Concen: 38.539 ng
 RT: 3.499 min Scan# 21
 Delta R.T. 0.059 min
 Lab File: BF142011.D
 Acq: 20 Mar 2025 15:01

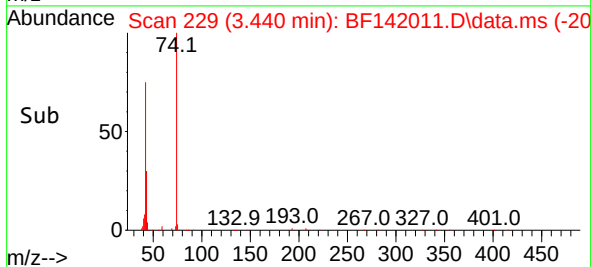
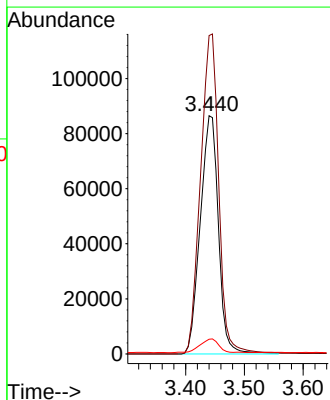
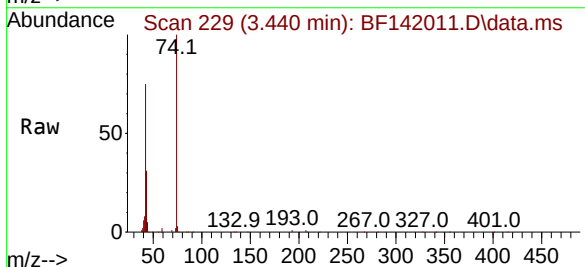
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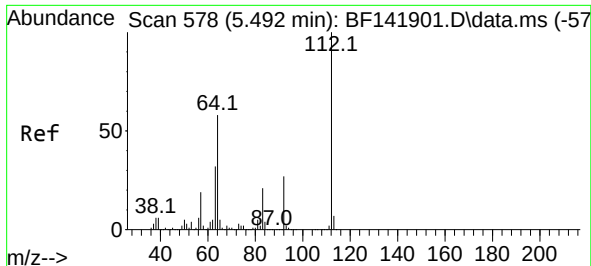
Tgt Ion: 79 Resp: 373202
 Ion Ratio Lower Upper
 79 100
 52 65.2 53.3 79.9
 51 33.7 27.6 41.4



#4
 n-Nitrosodimethylamine
 Concen: 40.212 ng
 RT: 3.440 min Scan# 229
 Delta R.T. 0.047 min
 Lab File: BF142011.D
 Acq: 20 Mar 2025 15:01

Tgt Ion: 42 Resp: 185623
 Ion Ratio Lower Upper
 42 100
 74 133.6 103.4 155.0
 44 6.2 5.0 7.4

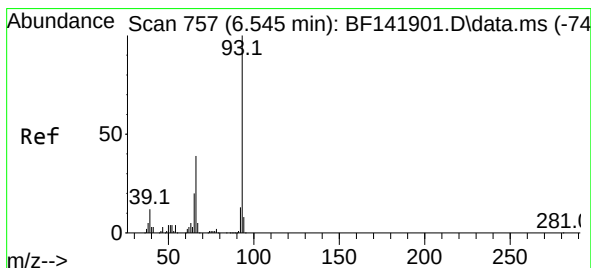
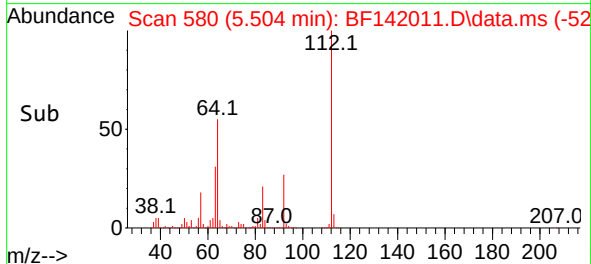
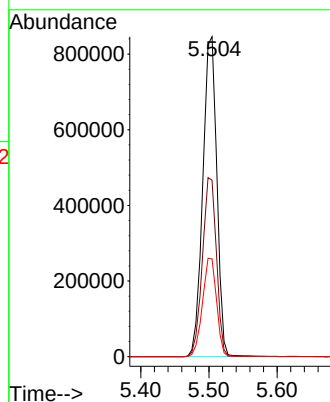
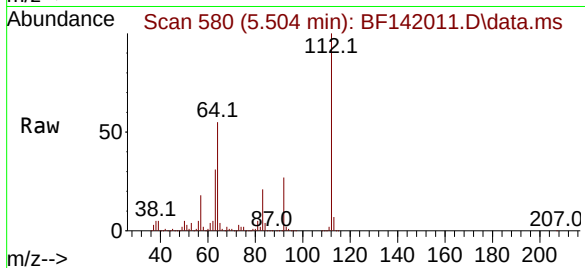




#5
2-Fluorophenol
Concen: 128.621 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

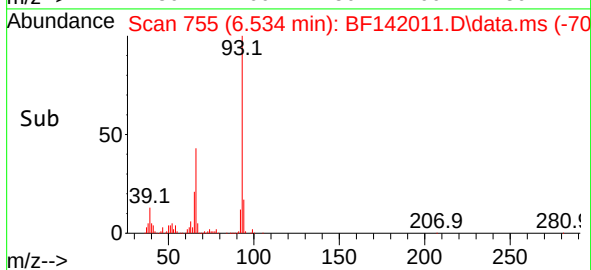
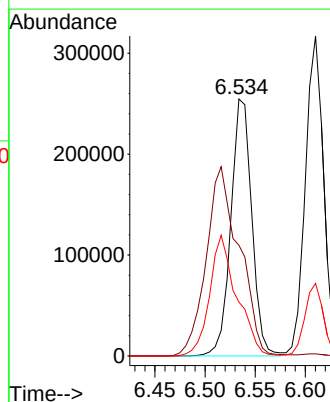
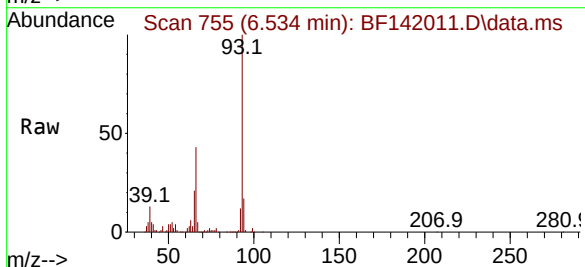
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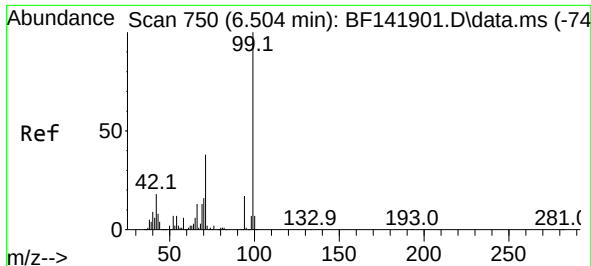
Tgt Ion:112 Resp: 1211861
Ion Ratio Lower Upper
112 100
64 55.2 46.5 69.7
63 30.5 25.4 38.2



#6
Aniline
Concen: 31.381 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion: 93 Resp: 371372
Ion Ratio Lower Upper
93 100
66 43.1 31.9 47.9
65 21.0 15.8 23.6



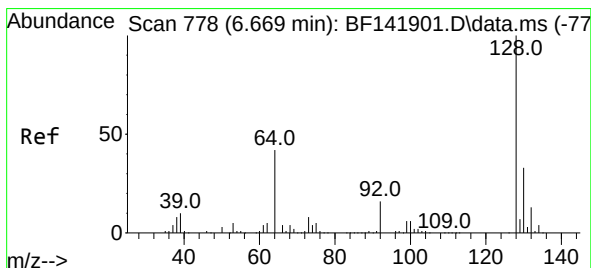
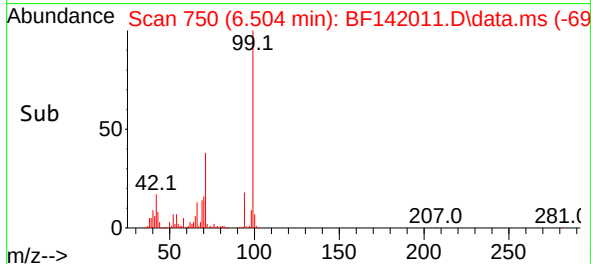
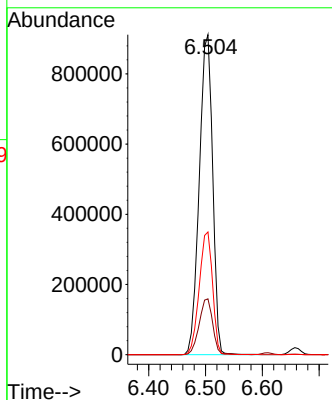
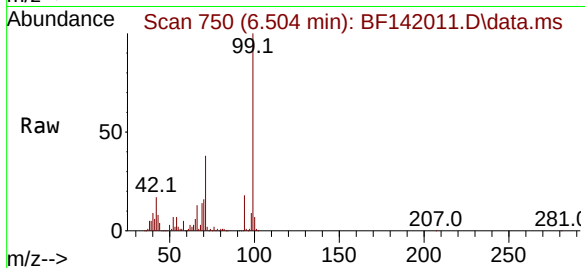


#7
Phenol-d6
Concen: 124.129 ng
RT: 6.504 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Instrument :
BNA_F
ClientSampleId :
PB167206BS

Tgt Ion: 99 Resp: 1489083

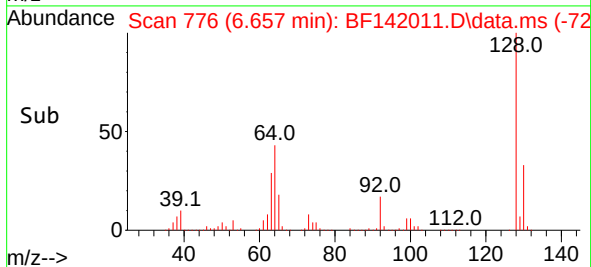
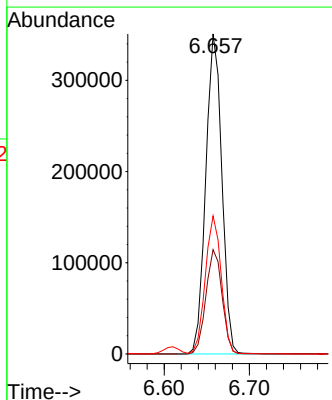
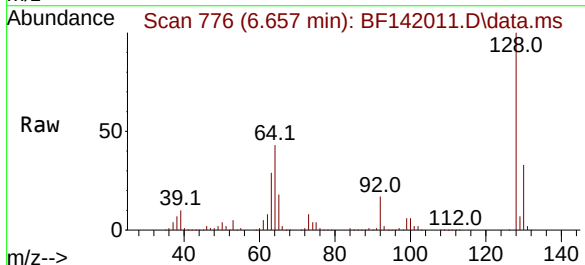
Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.6	21.8
71	38.4	30.8	46.2

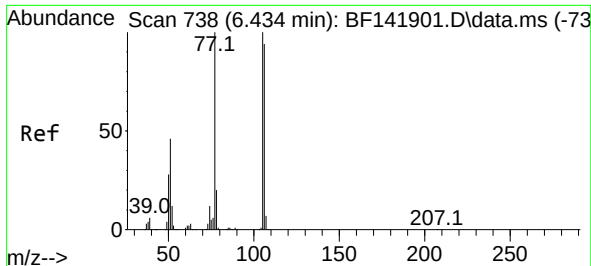


#8
2-Chlorophenol
Concen: 44.016 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion:128 Resp: 459950

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.8	52.8
64	43.2	24.4	64.4

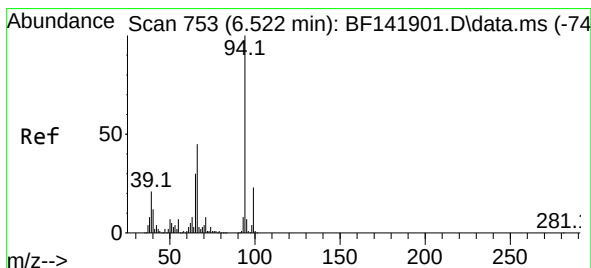
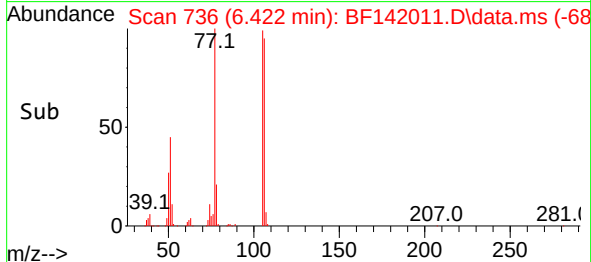
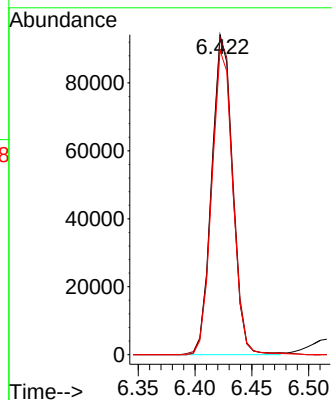
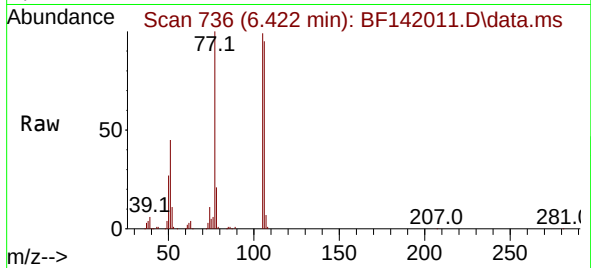




#9
Benzaldehyde
Concen: 17.897 ng
RT: 6.422 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

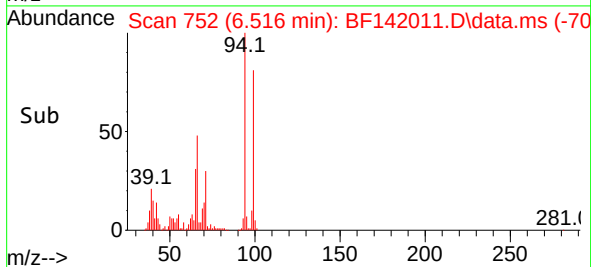
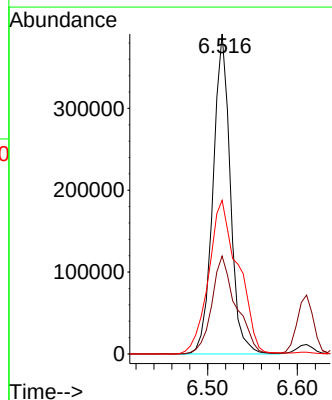
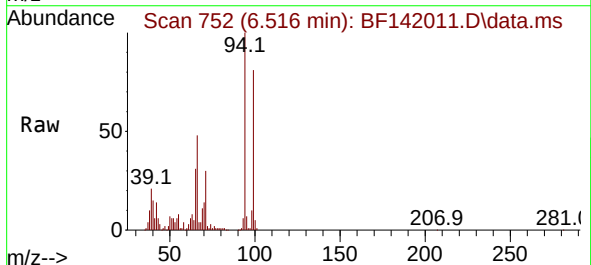
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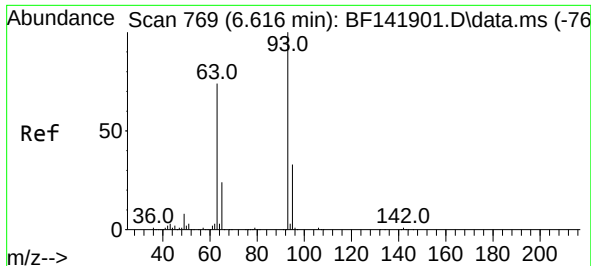
Tgt Ion: 77 Resp: 120077
Ion Ratio Lower Upper
77 100
105 99.2 80.0 120.0
106 95.1 74.5 114.5



#10
Phenol
Concen: 41.511 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion: 94 Resp: 523891
Ion Ratio Lower Upper
94 100
65 30.6 10.5 50.5
66 48.0 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 41.833 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

Instrument :

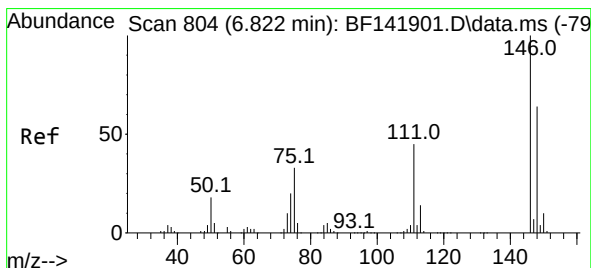
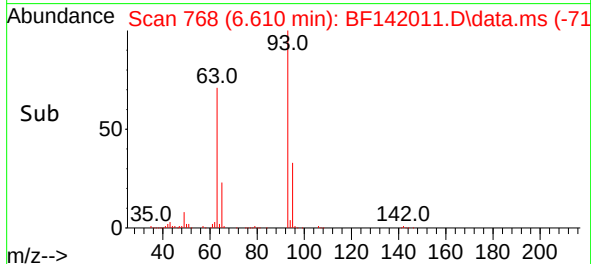
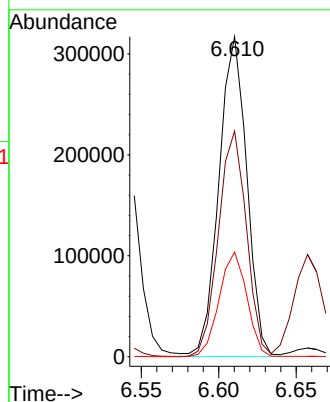
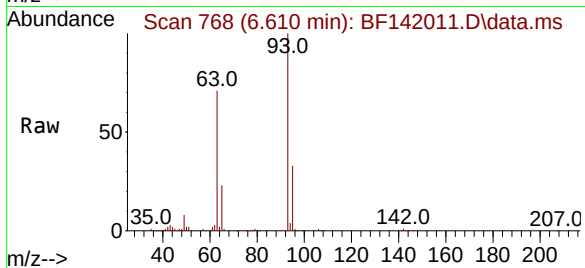
BNA_F

ClientSampleId :

PB167206BS

Tgt Ion: 93 Resp: 396427

Ion	Ratio	Lower	Upper
93	100		
63	70.6	53.0	93.0
95	32.7	12.9	52.9



#12

1,3-Dichlorobenzene

Concen: 43.143 ng

RT: 6.816 min Scan# 803

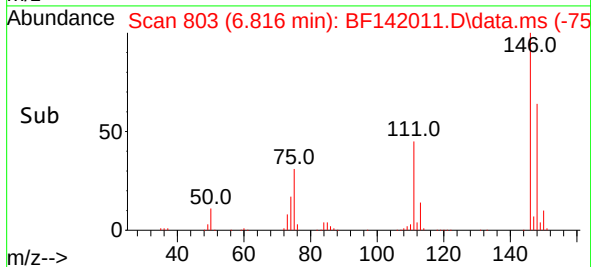
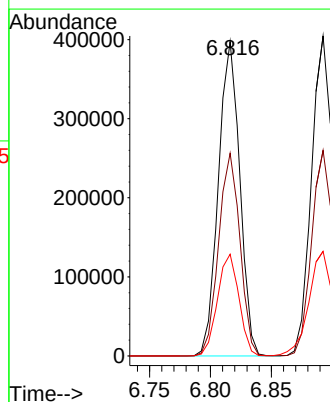
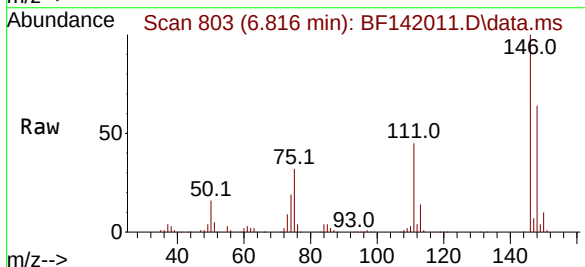
Delta R.T. -0.006 min

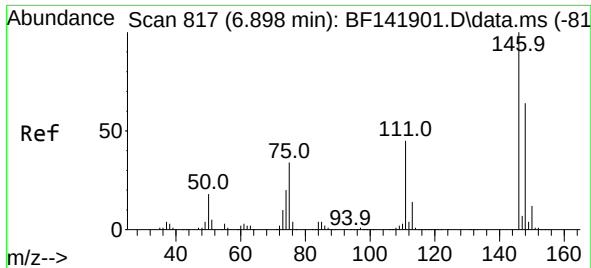
Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

Tgt Ion: 146 Resp: 486723

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.3	76.9
75	32.4	26.6	40.0

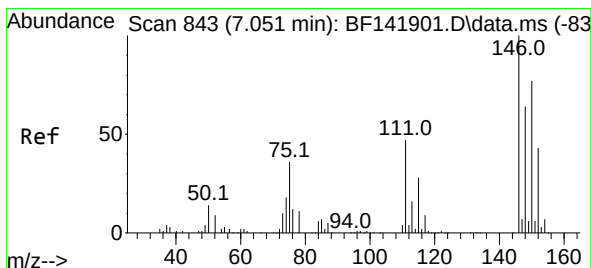
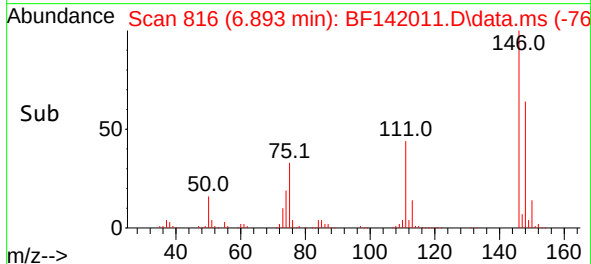
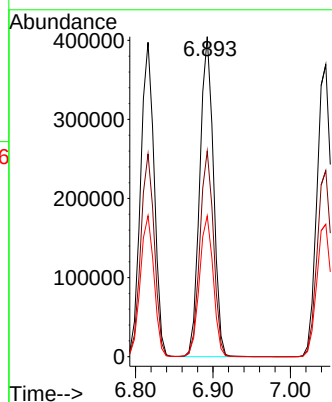
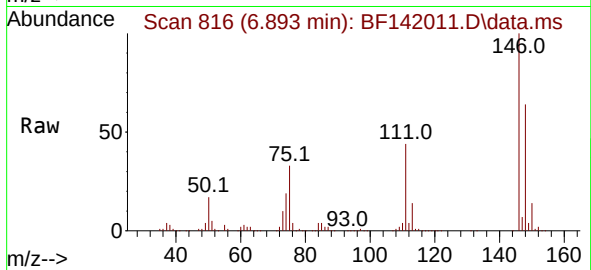




#13
1,4-Dichlorobenzene
Concen: 43.442 ng
RT: 6.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

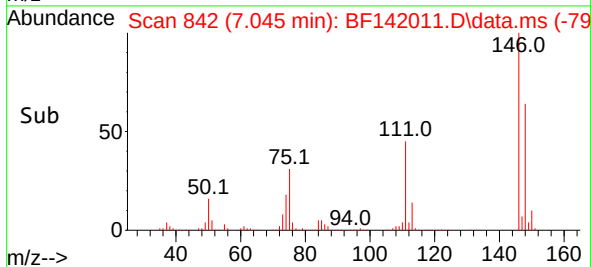
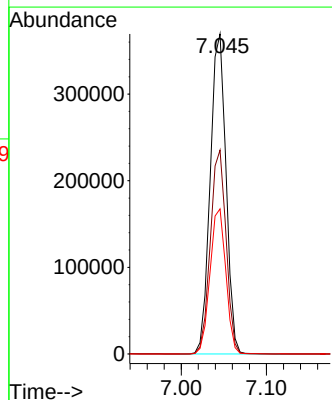
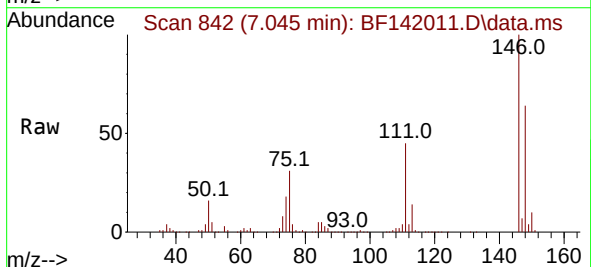
Instrument :
BNA_F
ClientSampleId :
PB167206BS

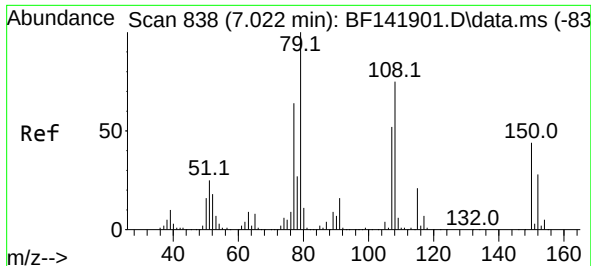
Tgt Ion:146 Resp: 495869
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
111 44.0 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 44.274 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion:146 Resp: 476008
Ion Ratio Lower Upper
146 100
148 63.7 50.8 76.2
111 45.4 38.0 57.0

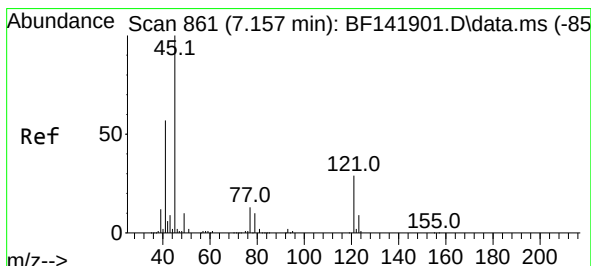
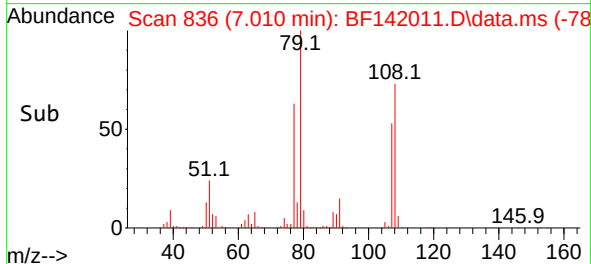
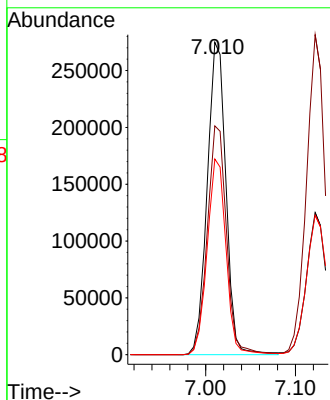
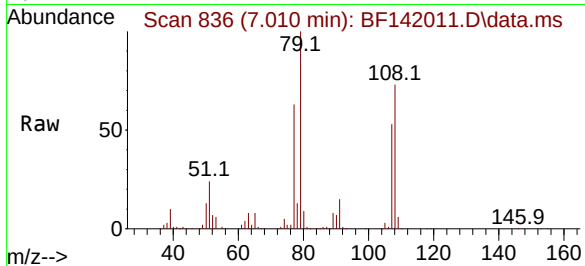




#15
Benzyl Alcohol
Concen: 41.042 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

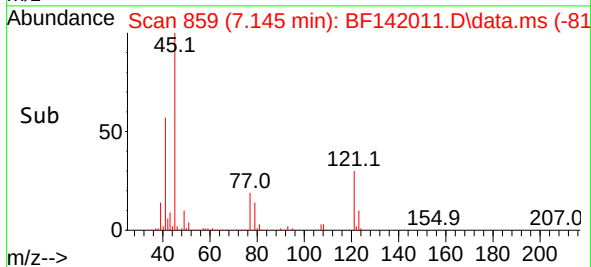
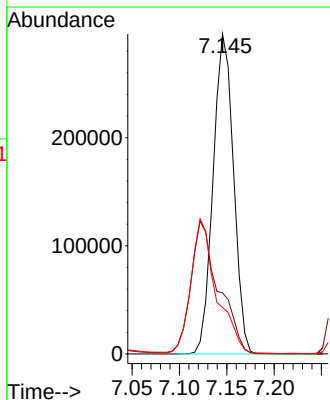
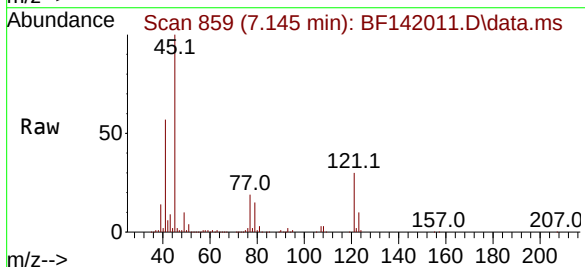
Instrument :
BNA_F
ClientSampleId :
PB167206BS

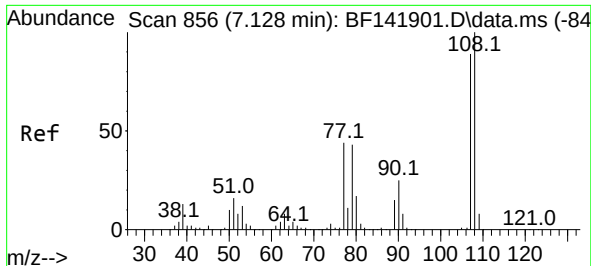
Tgt Ion: 79 Resp: 398042
Ion Ratio Lower Upper
79 100
108 73.2 59.7 89.5
77 62.7 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.731 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion: 45 Resp: 443107
Ion Ratio Lower Upper
45 100
77 19.1 0.0 37.8
79 14.5 0.0 34.2

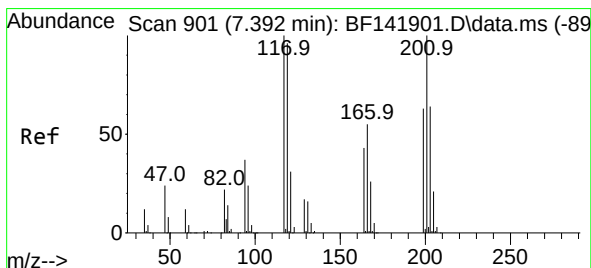
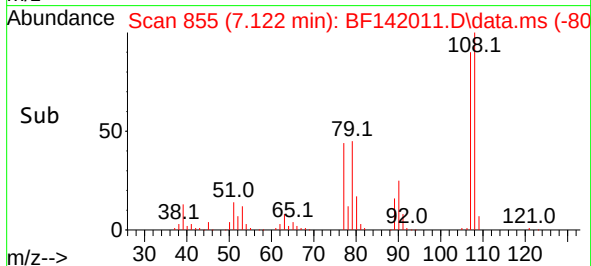
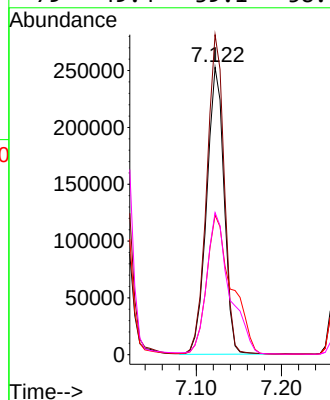
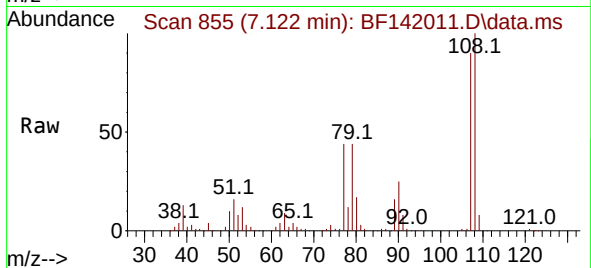




#17
2-Methylphenol
Concen: 43.174 ng
RT: 7.122 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

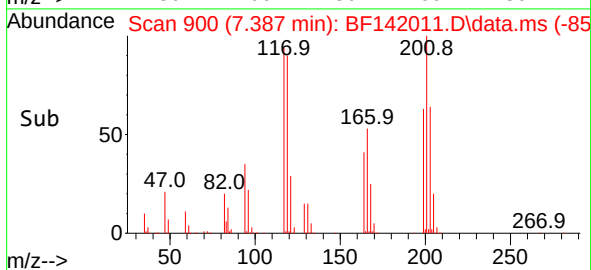
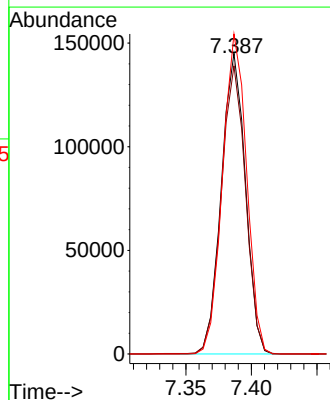
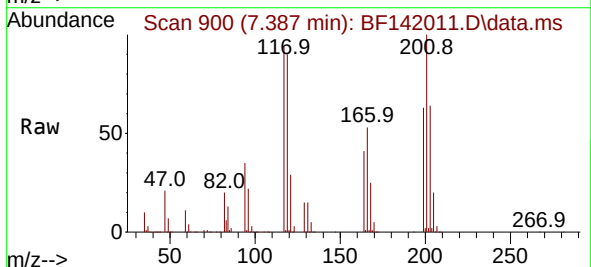
Instrument :
BNA_F
ClientSampleId :
PB167206BS

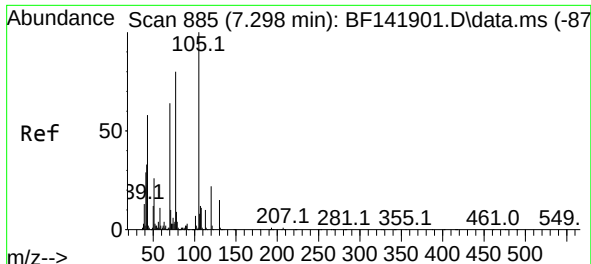
Tgt Ion:	107	Resp:	358717
Ion	Ratio	Lower	Upper
107	100		
108	111.3	90.2	135.2
77	48.6	39.6	59.4
79	49.4	39.1	58.7



#18
Hexachloroethane
Concen: 43.247 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion:	117	Resp:	185112
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.9	115.3
201	106.5	79.9	119.9

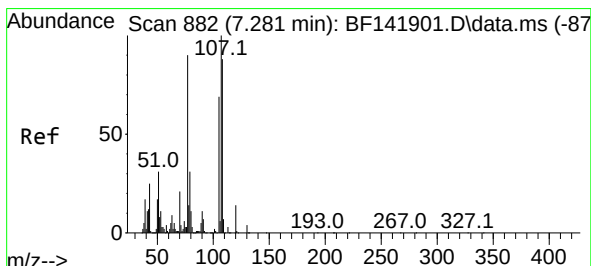
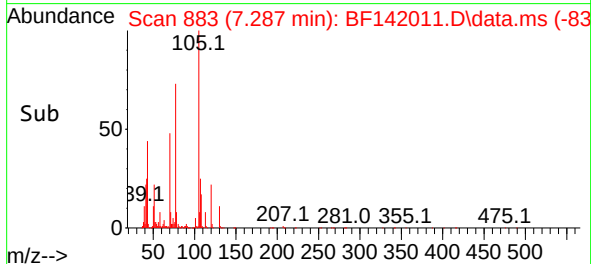
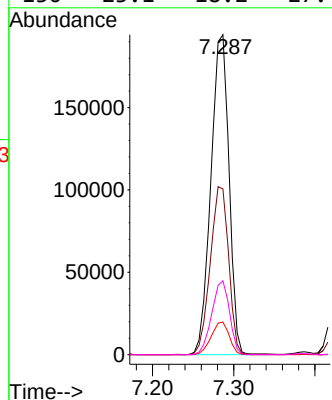
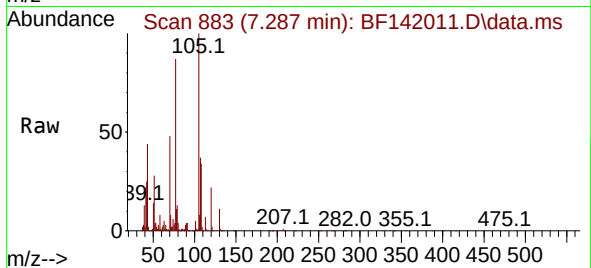




#19
n-Nitroso-di-n-propylamine
Concen: 39.063 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

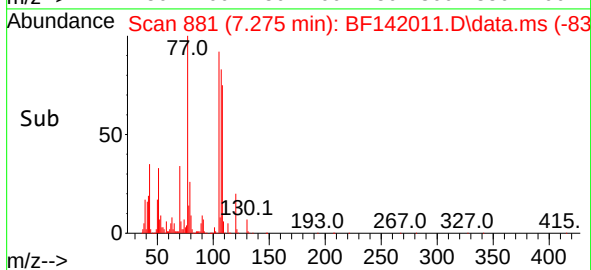
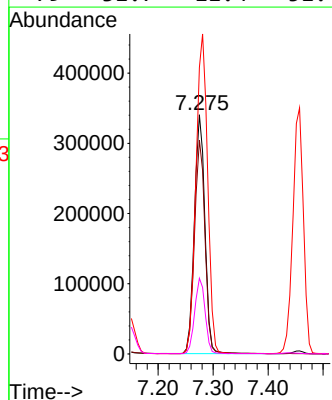
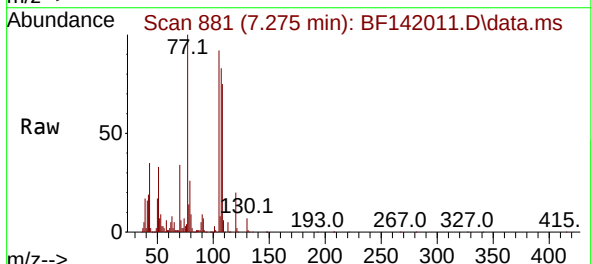
Instrument :
BNA_F
ClientSampleId :
PB167206BS

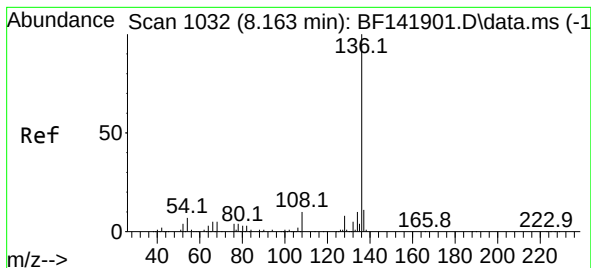
Tgt Ion: 70 Resp: 301110
Ion Ratio Lower Upper
70 100
42 51.8 41.4 62.0
101 10.2 8.2 12.2
130 23.1 18.2 27.4



#20
3+4-Methylphenols
Concen: 42.470 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion:107 Resp: 451979
Ion Ratio Lower Upper
107 100
108 89.4 68.4 108.4
77 119.8 69.7 109.7#
79 31.7 11.4 51.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB167206BS

Tgt Ion:136 Resp: 620108

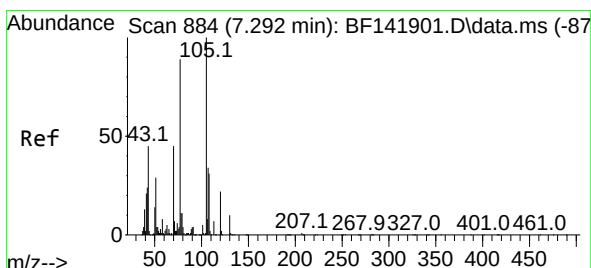
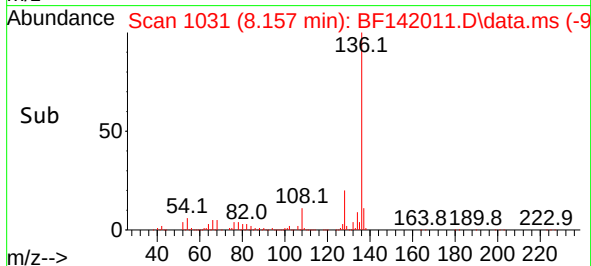
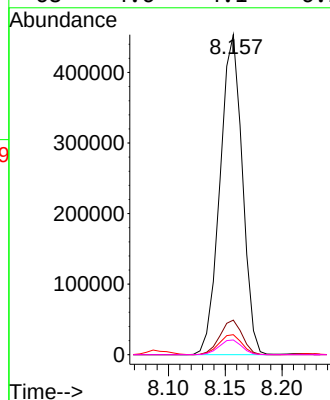
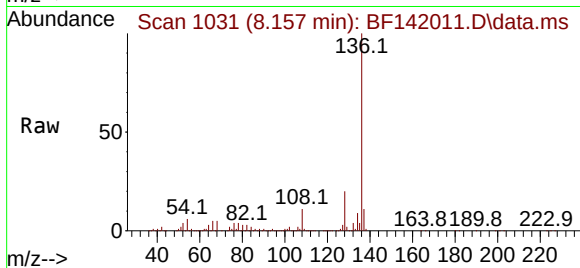
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.2 5.8 8.8

68 4.6 4.1 6.1



#22

Acetophenone

Concen: 45.916 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.012 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

Tgt Ion:105 Resp: 681861

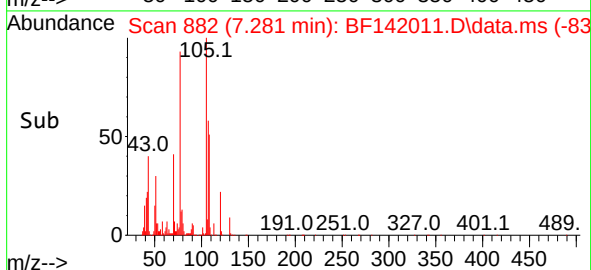
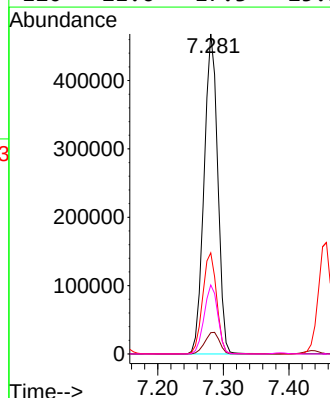
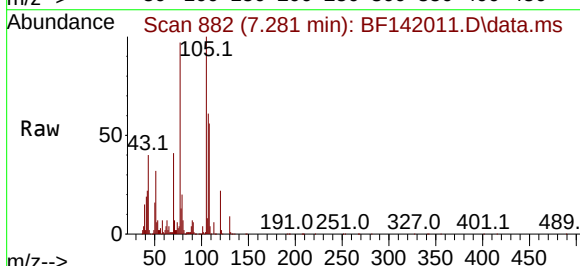
Ion Ratio Lower Upper

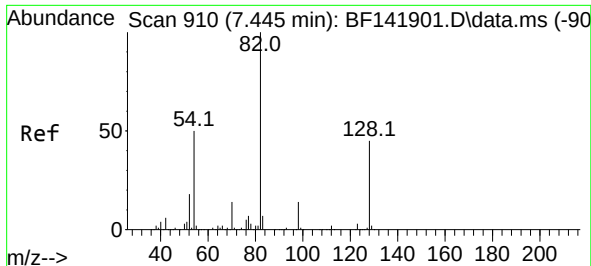
105 100

71 6.6 5.8 8.8

51 31.6 23.4 35.0

120 21.6 17.3 25.9





#23

Nitrobenzene-d5

Concen: 89.591 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB167206BS

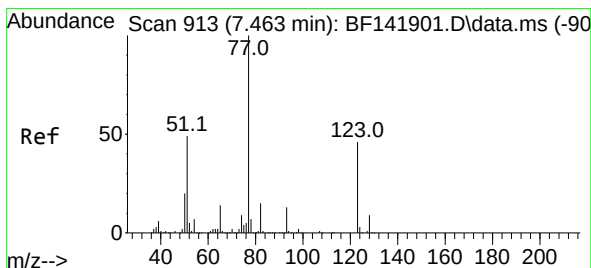
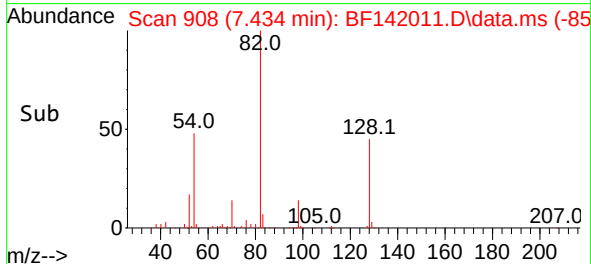
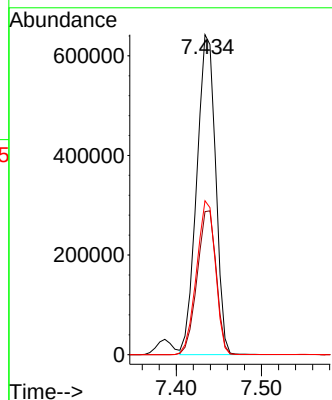
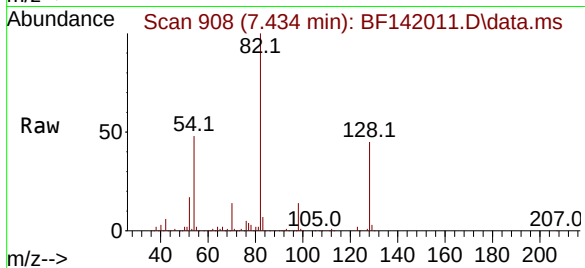
Tgt Ion: 82 Resp: 987206

Ion Ratio Lower Upper

82 100

128 44.7 36.0 54.0

54 48.1 39.6 59.4



#24

Nitrobenzene

Concen: 42.609 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

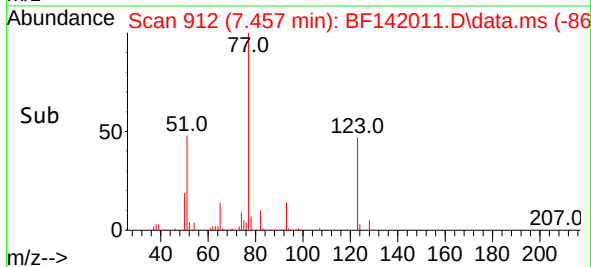
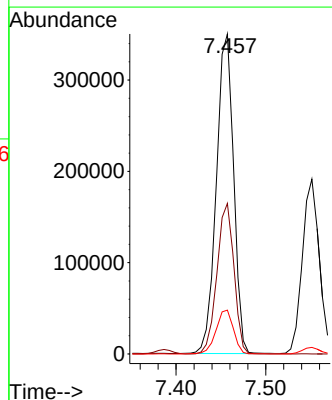
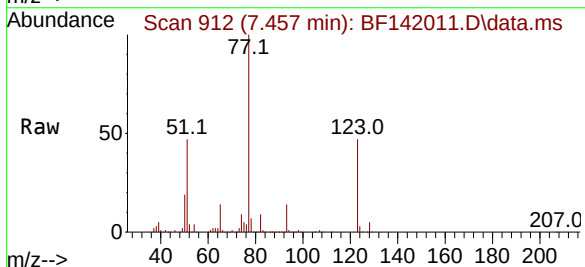
Tgt Ion: 77 Resp: 466752

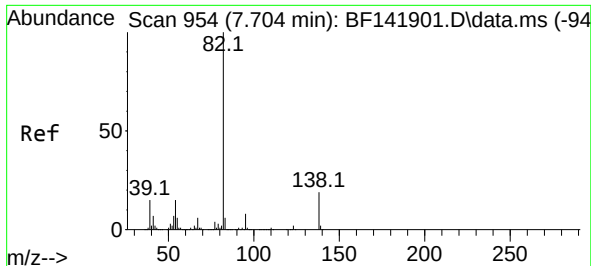
Ion Ratio Lower Upper

77 100

123 47.1 37.0 55.4

65 13.7 11.3 16.9

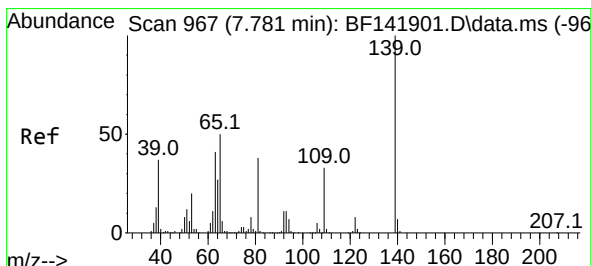
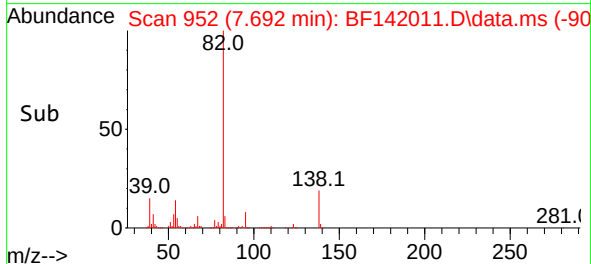
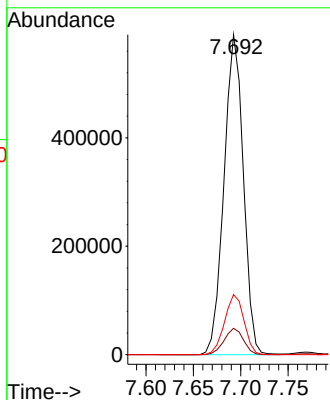
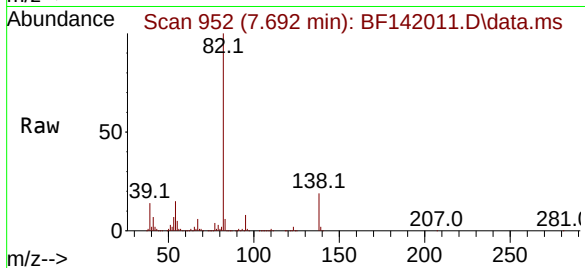




#25
Isophorone
Concen: 43.147 ng
RT: 7.692 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

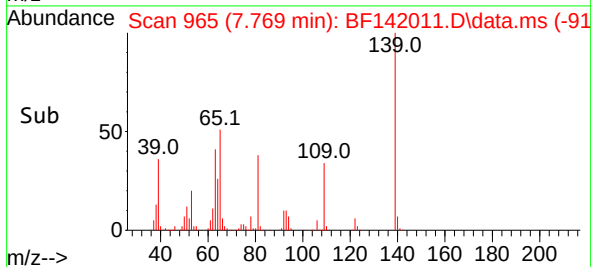
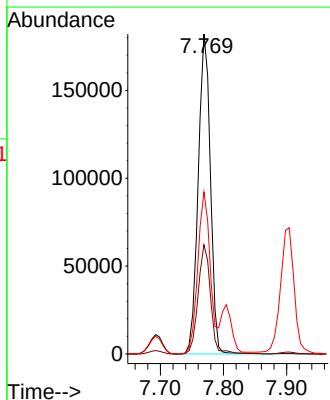
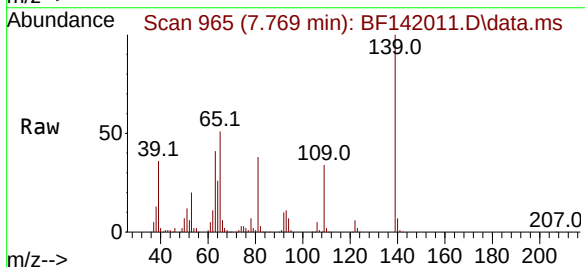
Instrument :
BNA_F
ClientSampleId :
PB167206BS

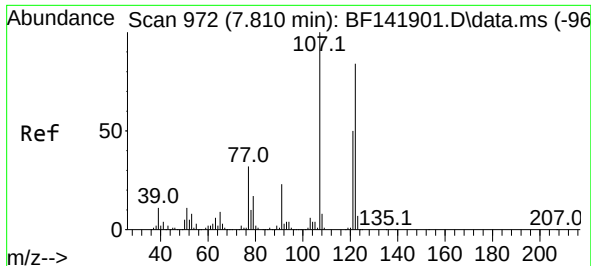
Tgt Ion: 82 Resp: 840420
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 18.8 14.9 22.3



#26
2-Nitrophenol
Concen: 45.447 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion:139 Resp: 244337
Ion Ratio Lower Upper
139 100
109 34.1 26.5 39.7
65 50.7 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 53.362 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB167206BS

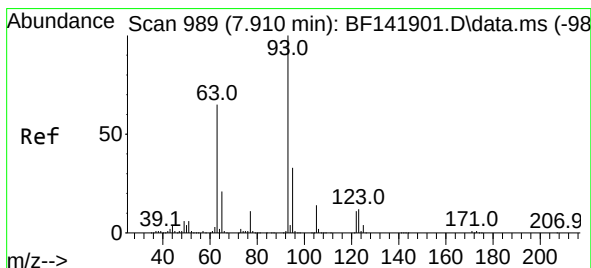
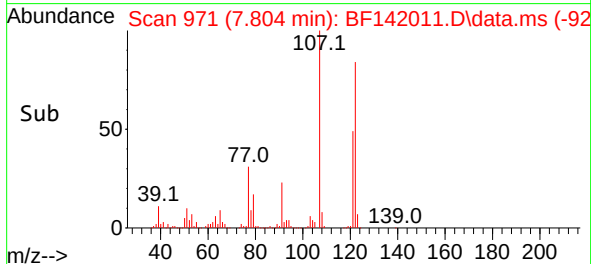
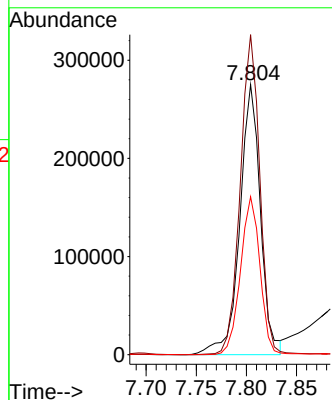
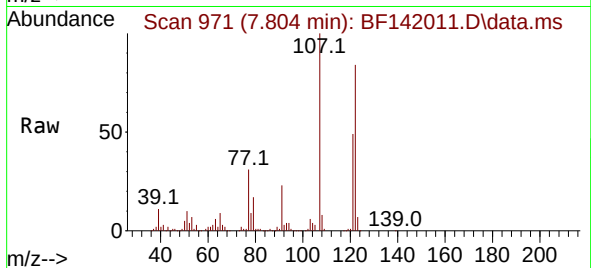
Tgt Ion:122 Resp: 395045

Ion Ratio Lower Upper

122 100

107 118.5 94.8 142.2

121 58.5 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 41.112 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

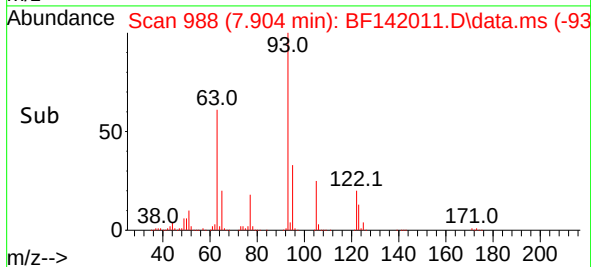
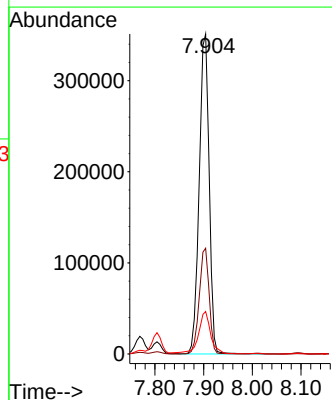
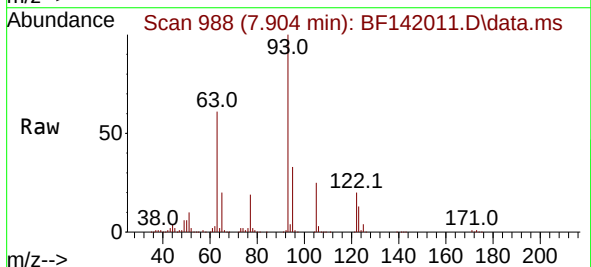
Tgt Ion: 93 Resp: 502258

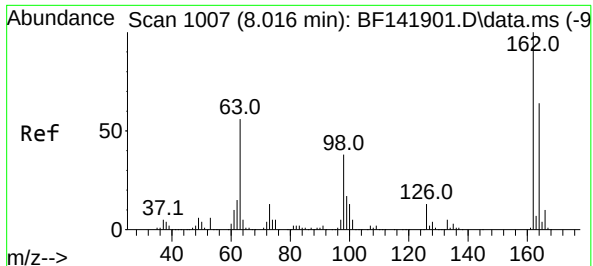
Ion Ratio Lower Upper

93 100

95 33.1 26.6 40.0

123 13.2 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 42.996 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB167206BS

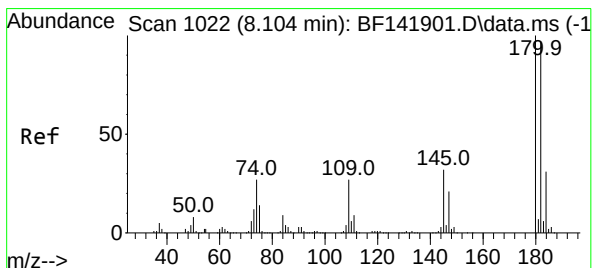
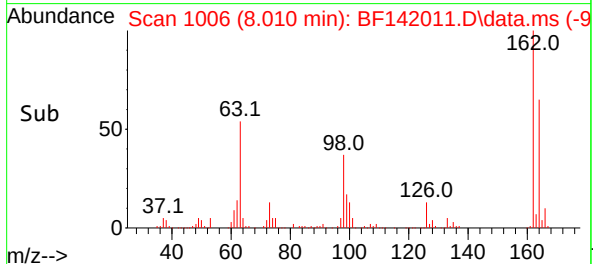
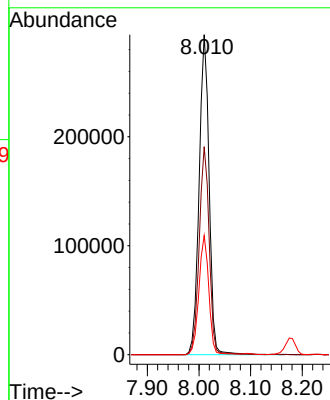
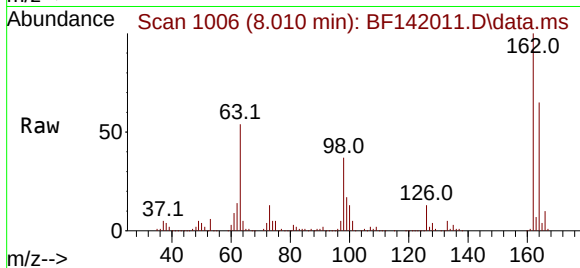
Tgt Ion:162 Resp: 395083

Ion Ratio Lower Upper

162 100

164 65.0 43.8 83.8

98 37.2 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 42.977 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

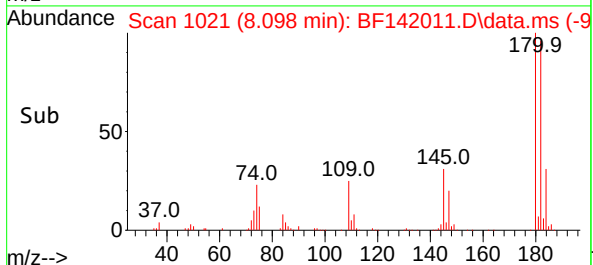
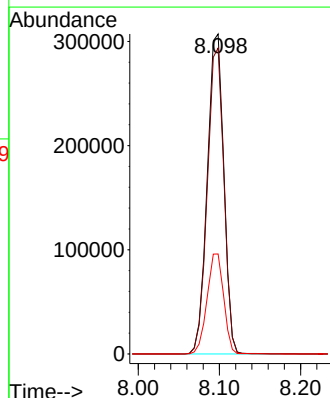
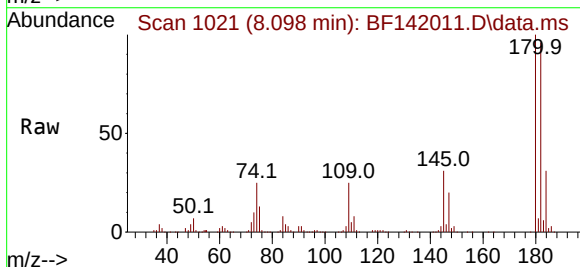
Tgt Ion:180 Resp: 435202

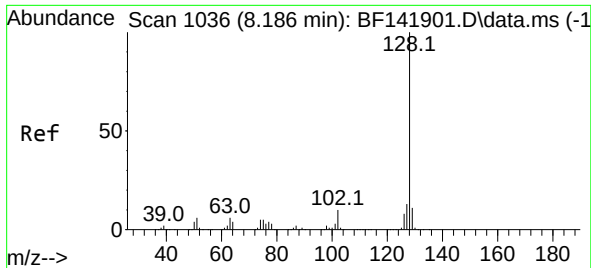
Ion Ratio Lower Upper

180 100

182 95.6 77.5 116.3

145 31.3 25.8 38.6

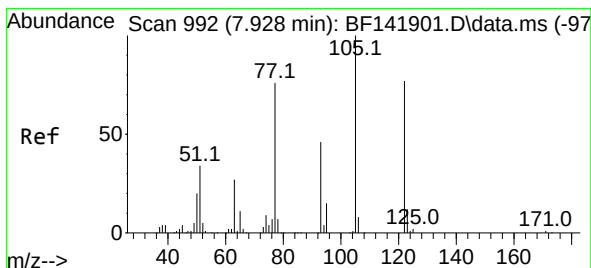
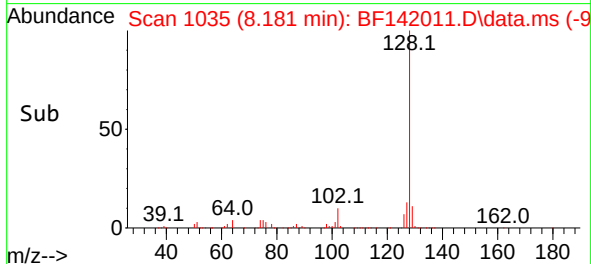
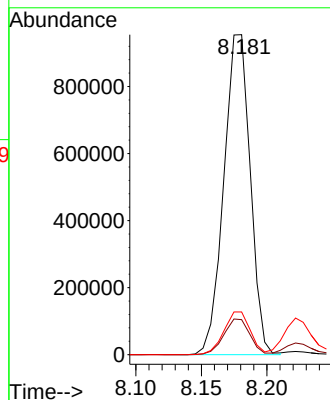
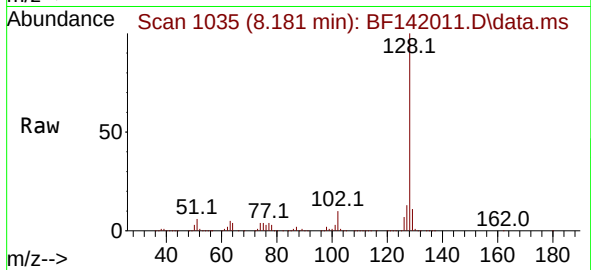




#31
Naphthalene
Concen: 42.042 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

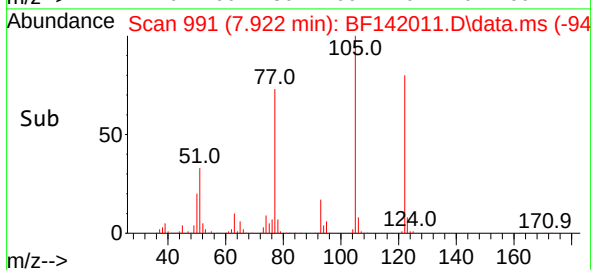
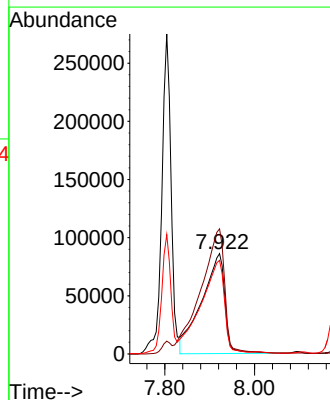
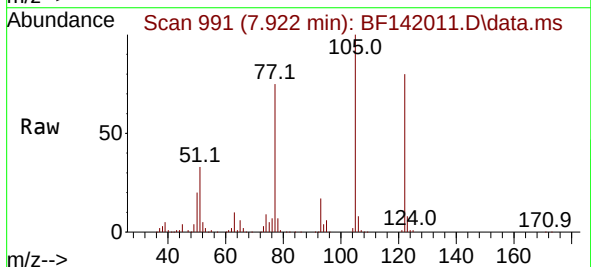
Instrument :
BNA_F
ClientSampleId :
PB167206BS

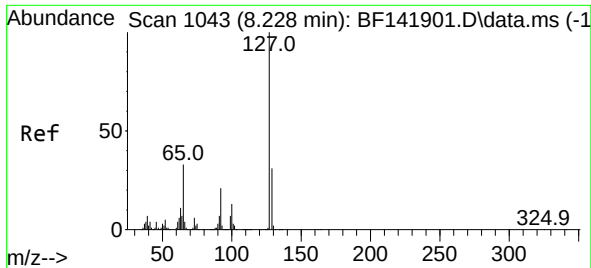
Tgt Ion:128 Resp: 1339198
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 47.786 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion:122 Resp: 310968
Ion Ratio Lower Upper
122 100
105 124.6 107.9 147.9
77 93.3 79.0 119.0

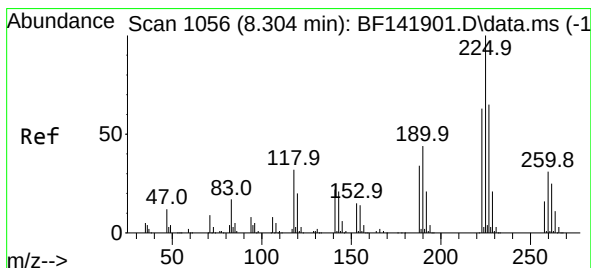
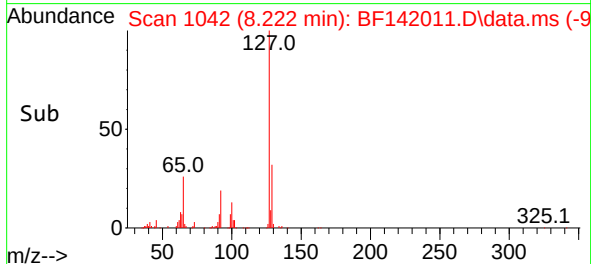
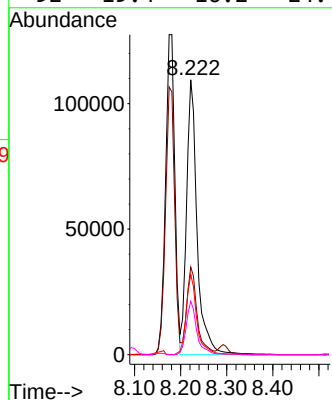
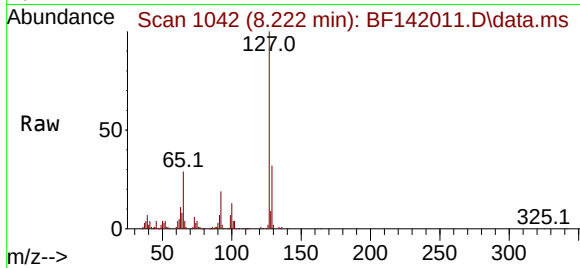




#33
4-Chloroaniline
Concen: 15.553 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

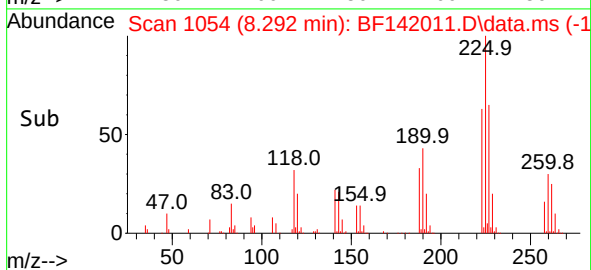
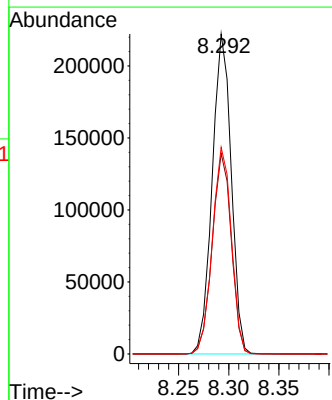
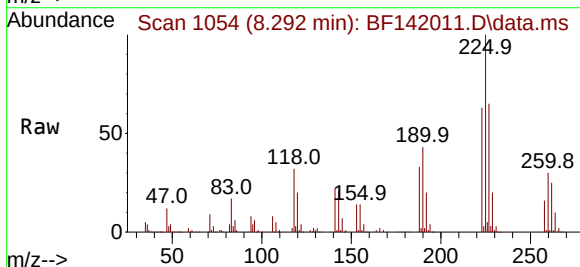
Instrument :
BNA_F
ClientSampleId :
PB167206BS

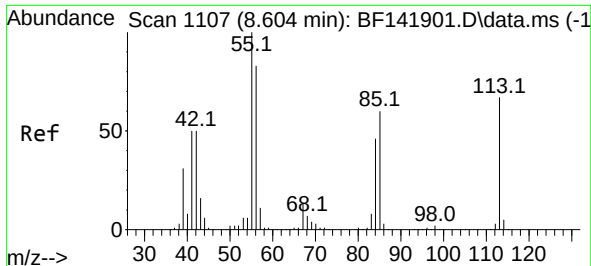
Tgt Ion:	127	Resp:	174896
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	29.2	25.4	38.2
92	19.4	16.2	24.4



#34
Hexachlorobutadiene
Concen: 44.359 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion:	225	Resp:	292945
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	75.8
227	64.6	52.2	78.2

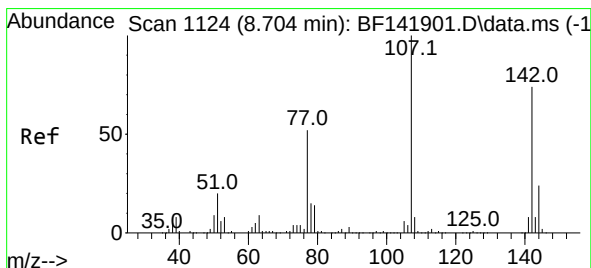
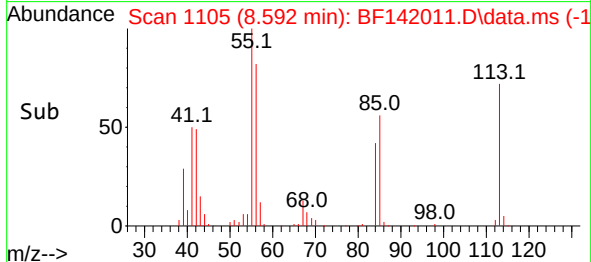
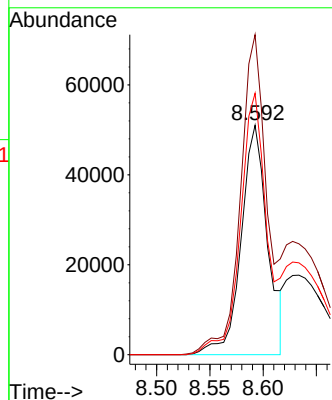
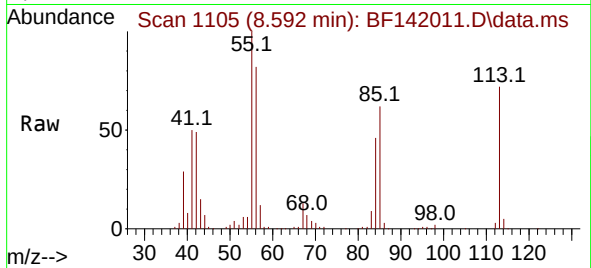




#35
Caprolactam
Concen: 31.473 ng
RT: 8.592 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

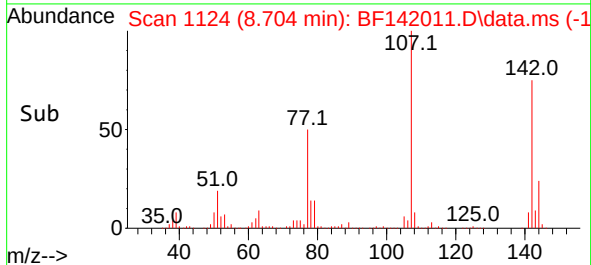
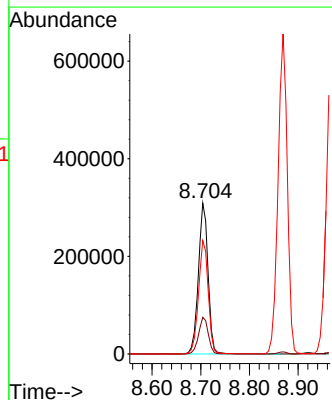
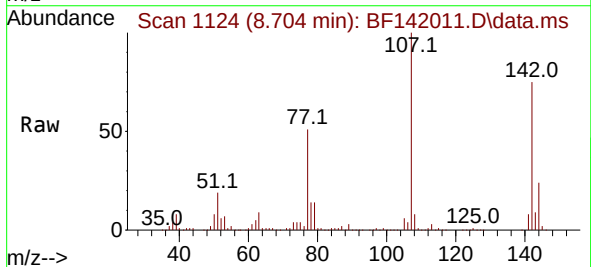
Instrument :
BNA_F
ClientSampleId :
PB167206BS

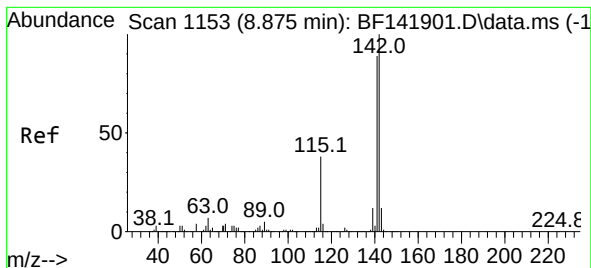
Tgt Ion:113 Resp: 88171
Ion Ratio Lower Upper
113 100
55 139.5 129.6 169.6
56 114.0 104.0 144.0



#36
4-Chloro-3-methylphenol
Concen: 41.840 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion:107 Resp: 428873
Ion Ratio Lower Upper
107 100
144 24.3 19.0 28.6
142 75.2 59.2 88.8





#37

2-Methylnaphthalene

Concen: 40.781 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

Instrument :

BNA_F

ClientSampleId :

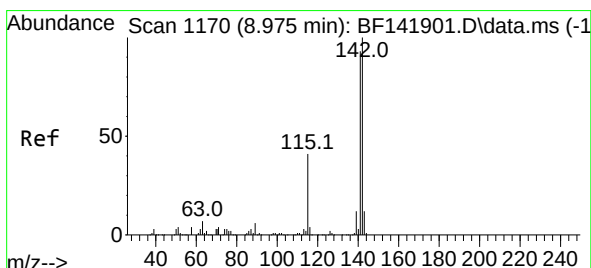
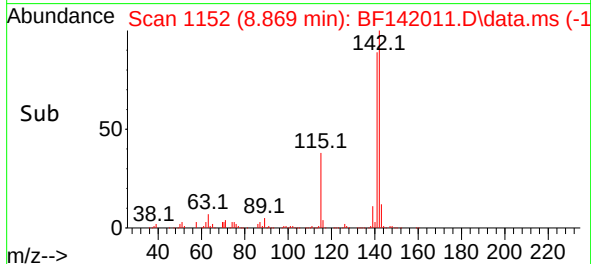
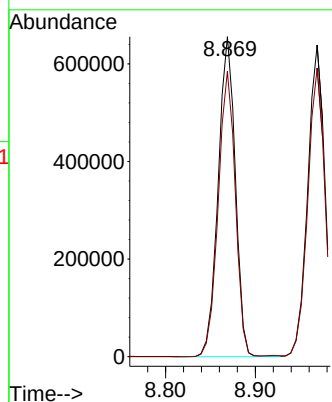
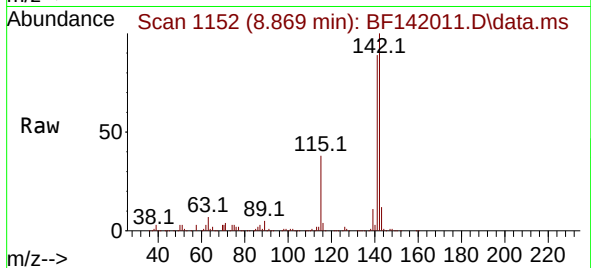
PB167206BS

Tgt Ion:142 Resp: 868284

Ion Ratio Lower Upper

142 100

141 89.1 71.2 106.8



#38

1-Methylnaphthalene

Concen: 40.825 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142011.D

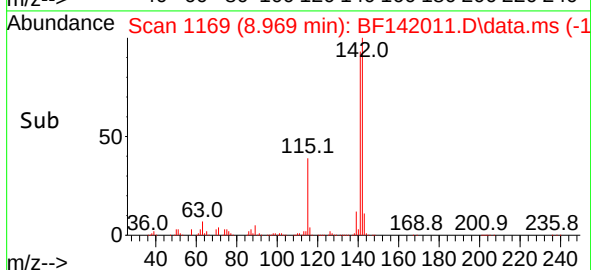
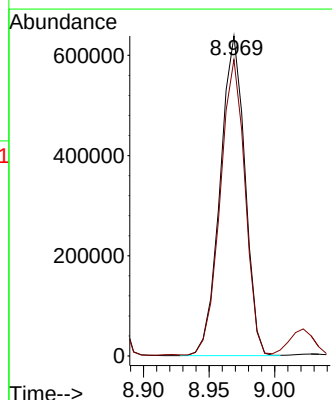
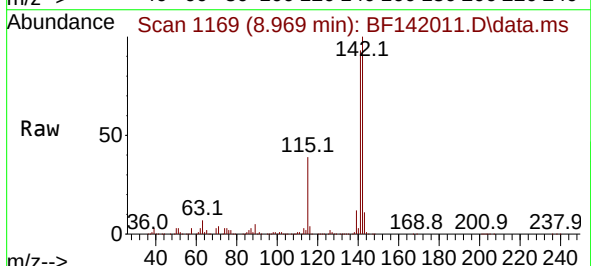
Acq: 20 Mar 2025 15:01

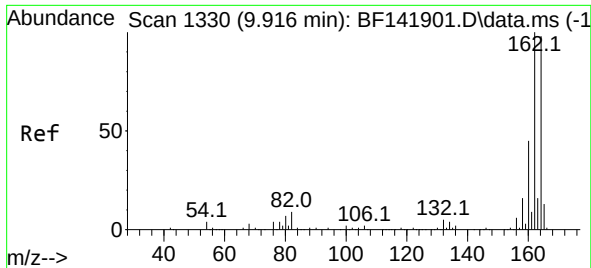
Tgt Ion:142 Resp: 838786

Ion Ratio Lower Upper

142 100

141 92.6 74.2 111.4

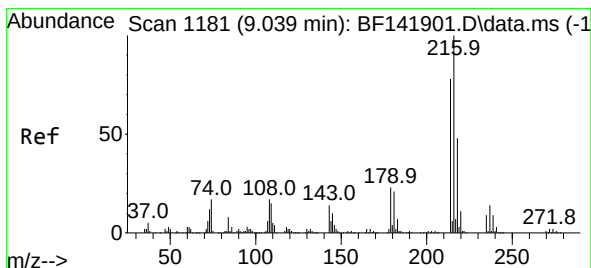
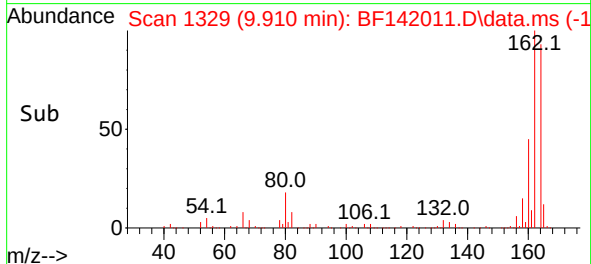
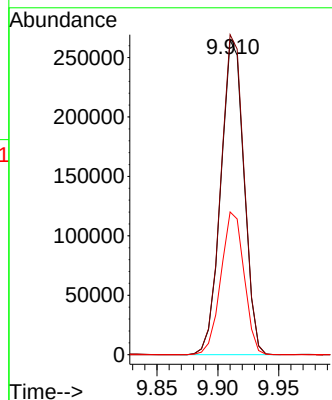
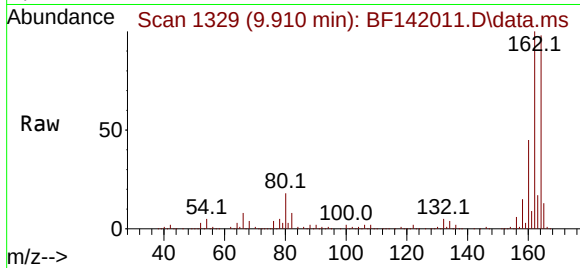




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

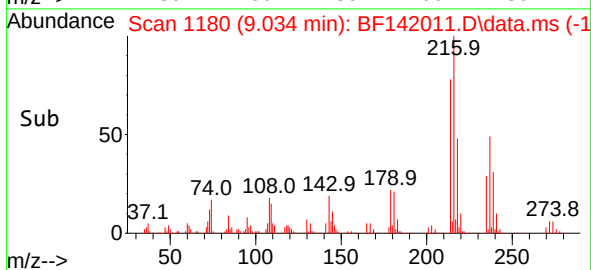
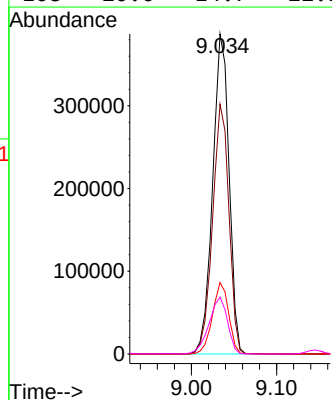
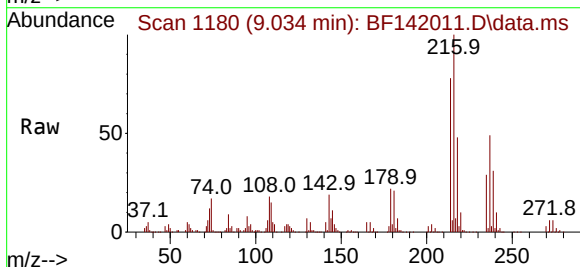
Instrument :
BNA_F
ClientSampleId :
PB167206BS

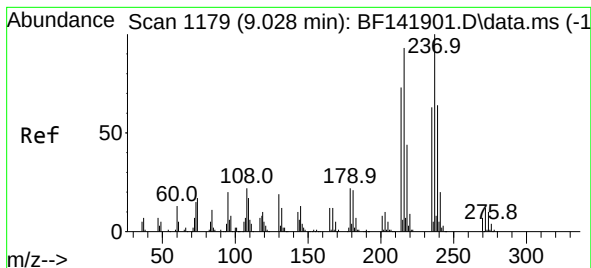
Tgt Ion:164 Resp: 350350
Ion Ratio Lower Upper
164 100
162 101.7 81.8 122.6
160 45.4 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.406 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion:216 Resp: 516333
Ion Ratio Lower Upper
216 100
214 78.0 61.9 92.9
179 22.1 18.1 27.1
108 20.0 14.7 22.1





#41

Hexachlorocyclopentadiene

Concen: 150.466 ng

RT: 9.022 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB167206BS

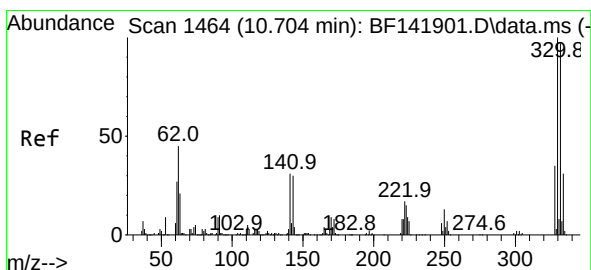
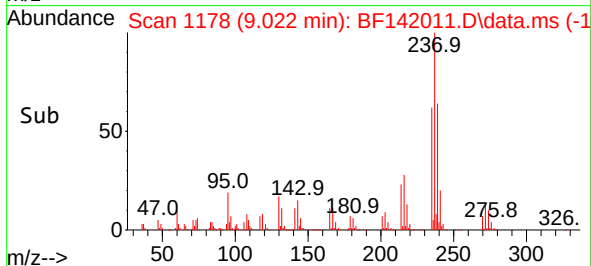
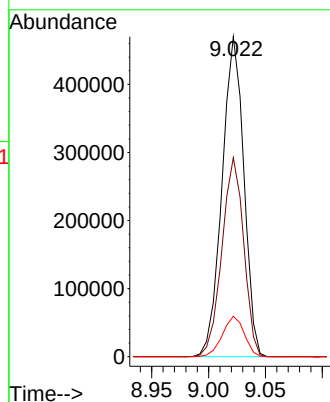
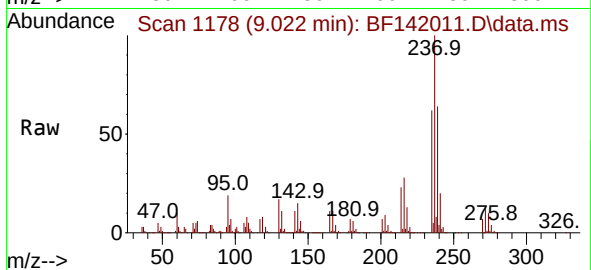
Tgt Ion:237 Resp: 628126

Ion Ratio Lower Upper

237 100

235 62.2 43.1 83.1

272 12.7 0.0 32.0



#42

2,4,6-Tribromophenol

Concen: 142.248 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

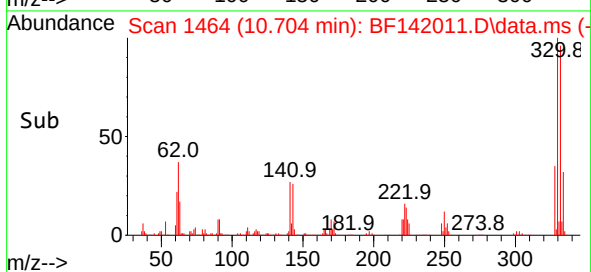
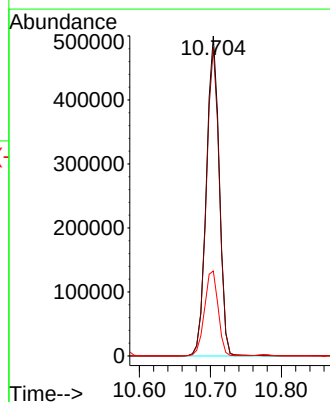
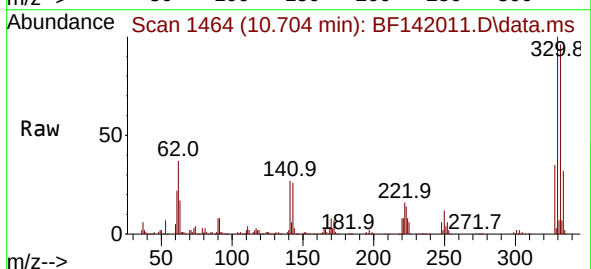
Tgt Ion:330 Resp: 632241

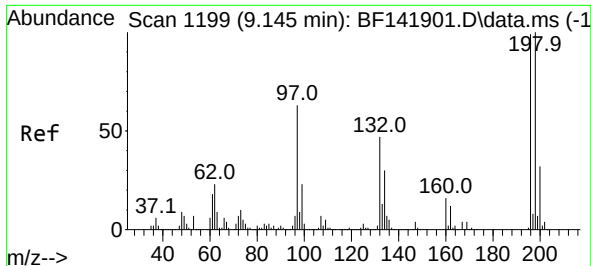
Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

141 28.2 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 43.616 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB167206BS

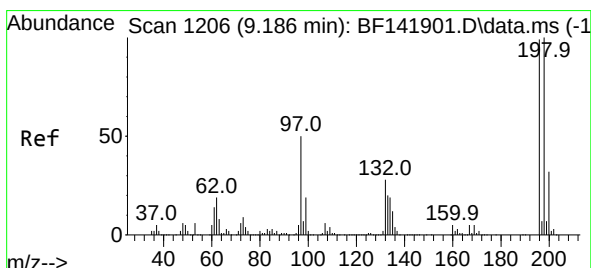
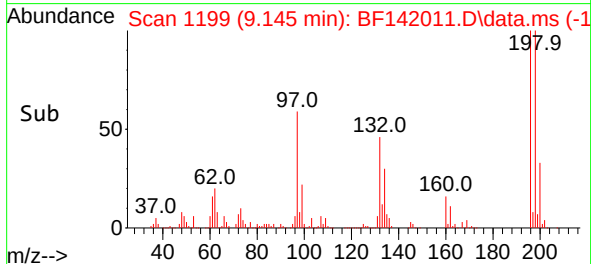
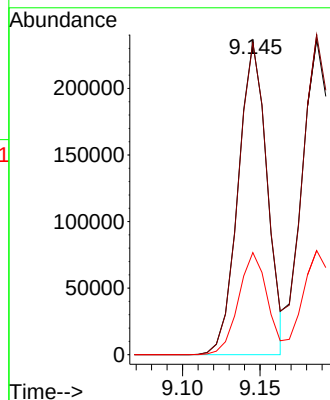
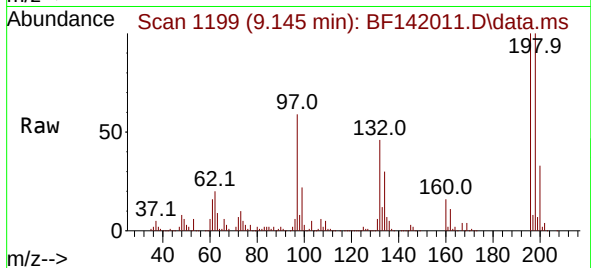
Tgt Ion:196 Resp: 304050

Ion Ratio Lower Upper

196 100

198 99.7 80.6 121.0

200 32.6 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 44.909 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

Tgt Ion:196 Resp: 317077

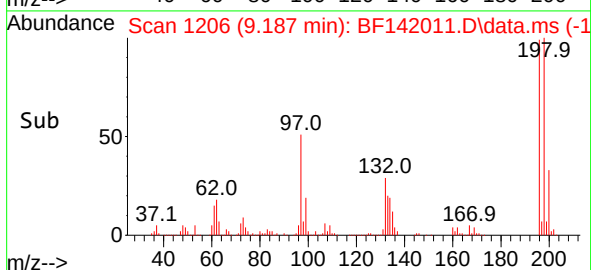
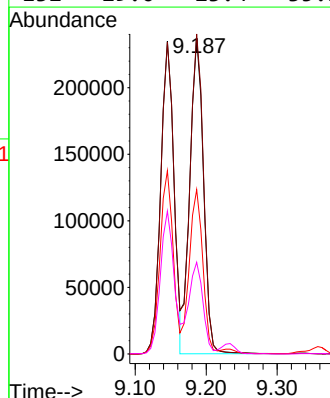
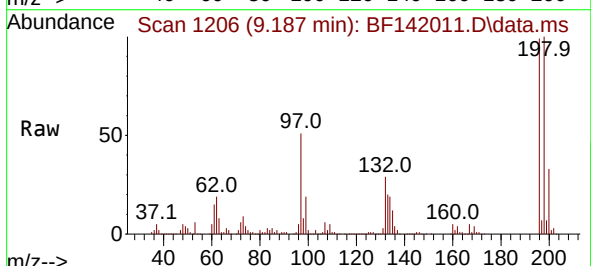
Ion Ratio Lower Upper

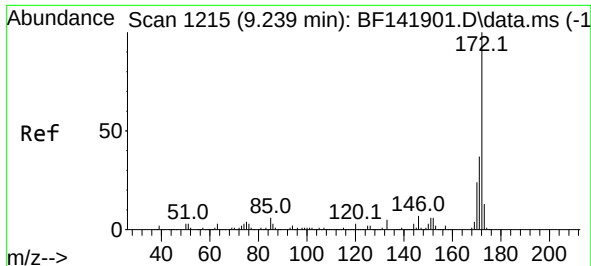
196 100

198 101.4 80.7 121.1

97 52.1 42.1 63.1

132 29.0 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 90.364 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB167206BS

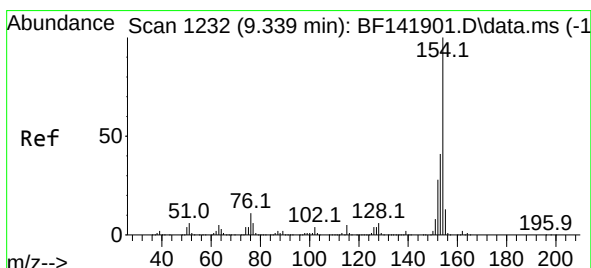
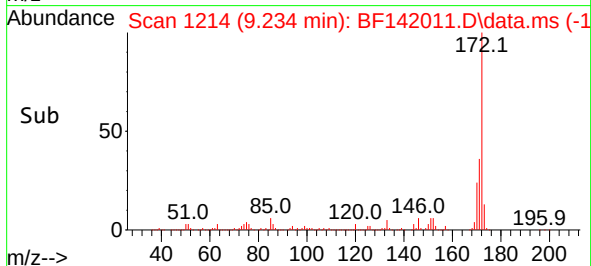
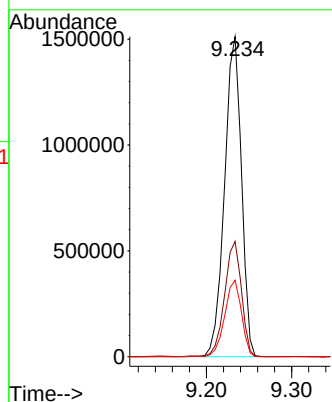
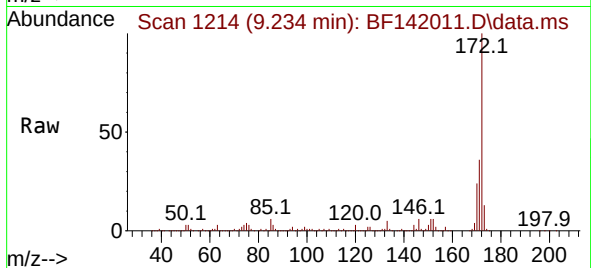
Tgt Ion:172 Resp: 2081720

Ion Ratio Lower Upper

172 100

171 36.0 29.3 43.9

170 23.9 19.4 29.0



#46

1,1'-Biphenyl

Concen: 47.064 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

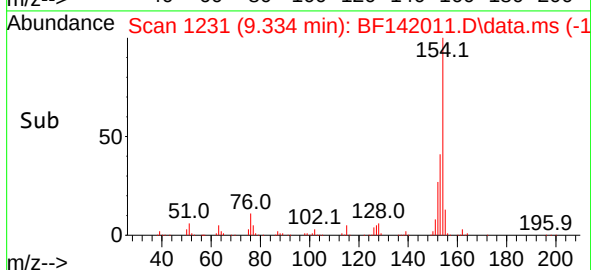
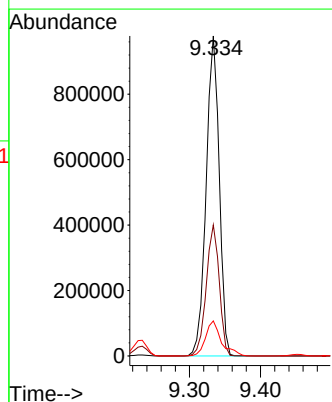
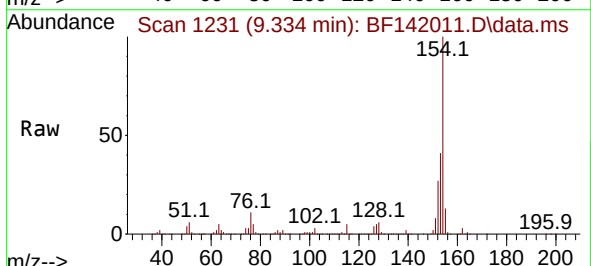
Tgt Ion:154 Resp: 1252843

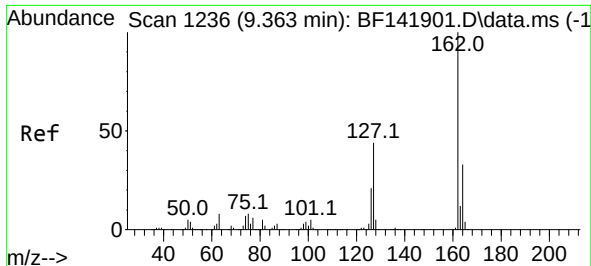
Ion Ratio Lower Upper

154 100

153 40.9 21.1 61.1

76 11.0 0.0 31.3

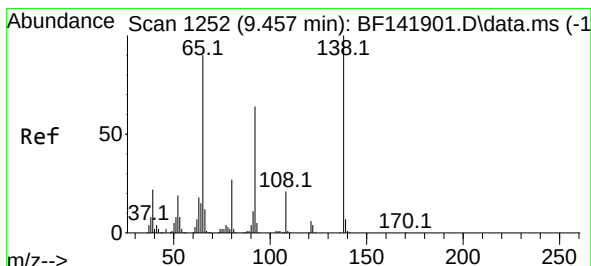
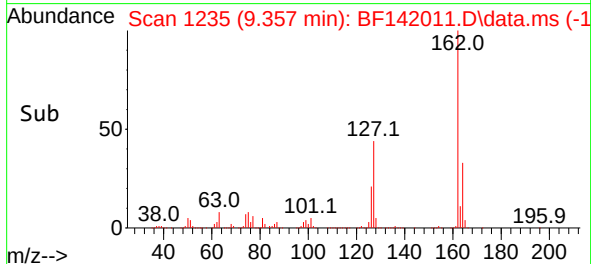
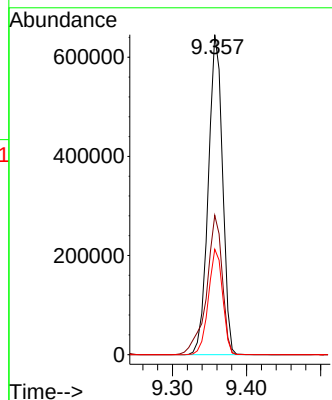
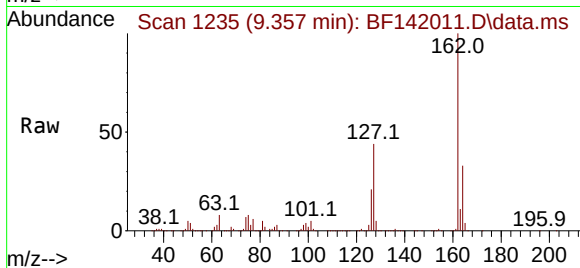




#47
2-Chloronaphthalene
Concen: 43.386 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

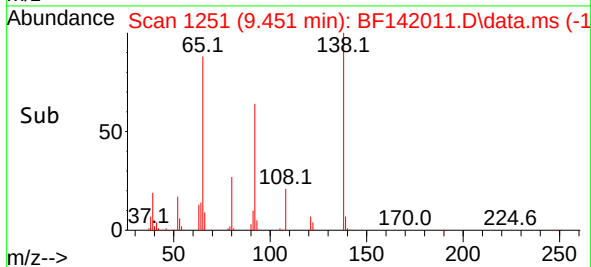
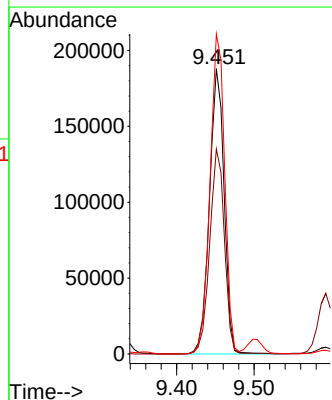
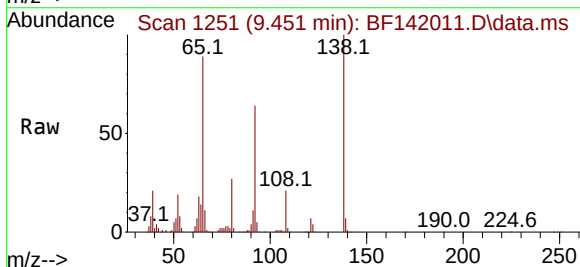
Instrument :
BNA_F
ClientSampleId :
PB167206BS

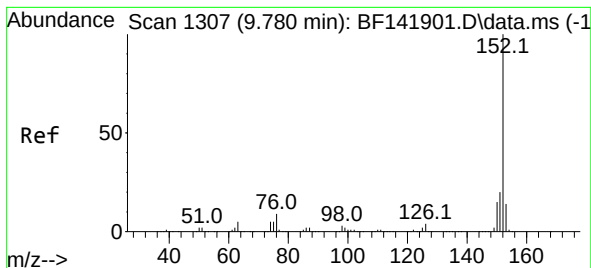
Tgt Ion:162 Resp: 860840
Ion Ratio Lower Upper
162 100
127 43.5 35.5 53.3
164 32.9 26.6 40.0



#48
2-Nitroaniline
Concen: 43.104 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion: 65 Resp: 247627
Ion Ratio Lower Upper
65 100
92 71.8 56.6 84.8
138 112.2 88.6 133.0





#49

Acenaphthylene

Concen: 45.462 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB167206BS

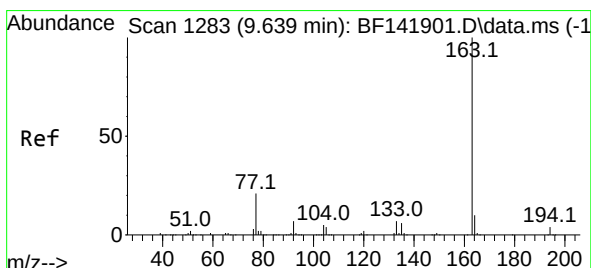
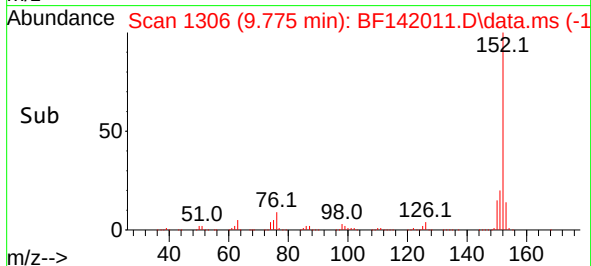
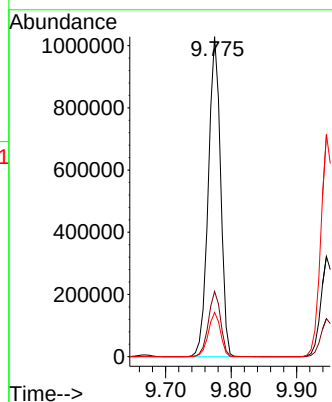
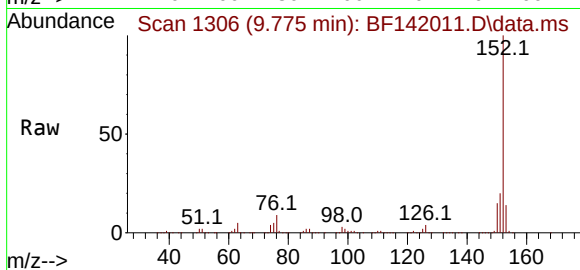
Tgt Ion:152 Resp: 1338573

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.8 11.1 16.7



#50

Dimethylphthalate

Concen: 41.979 ng

RT: 9.634 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

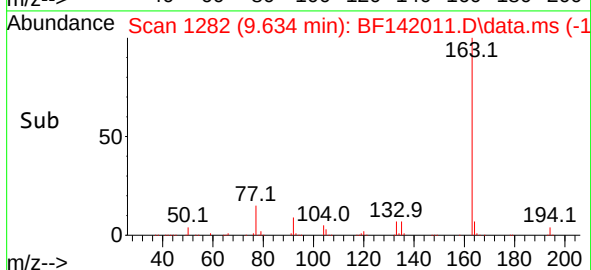
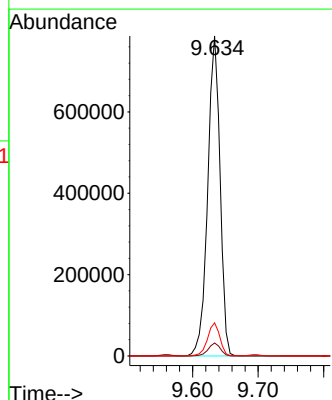
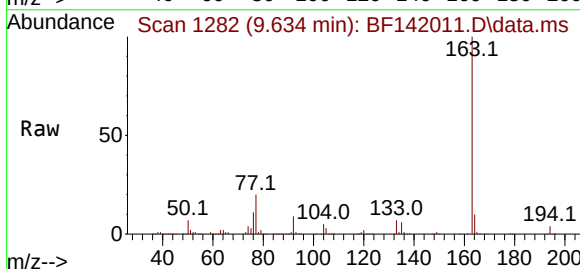
Tgt Ion:163 Resp: 1029908

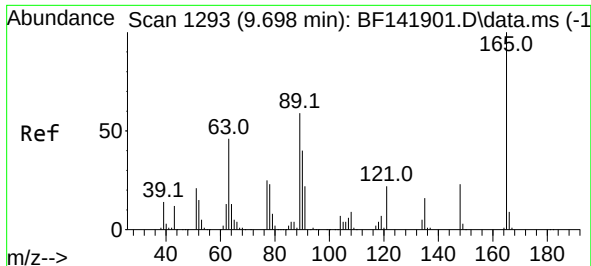
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.4 8.2 12.4

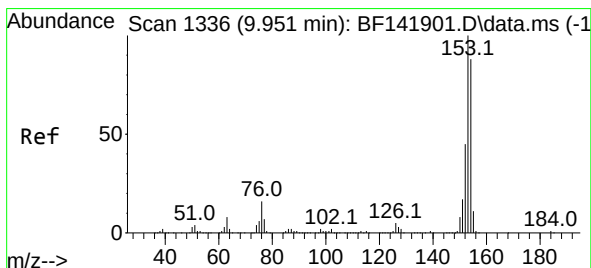
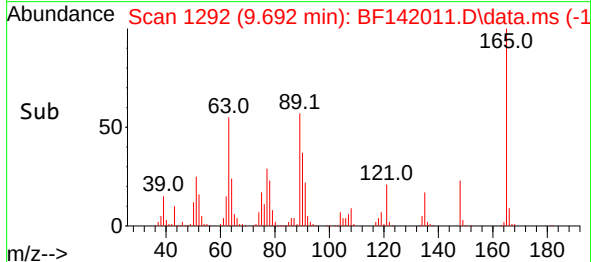
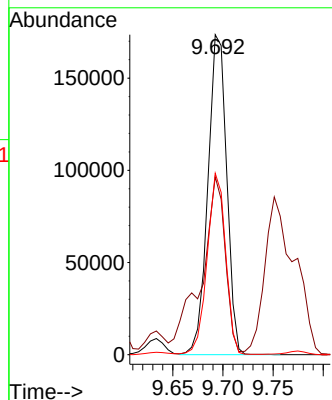
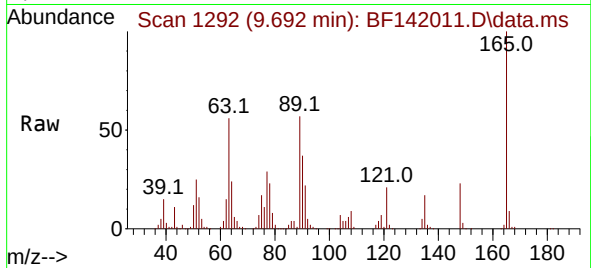




#51
2,6-Dinitrotoluene
Concen: 44.467 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

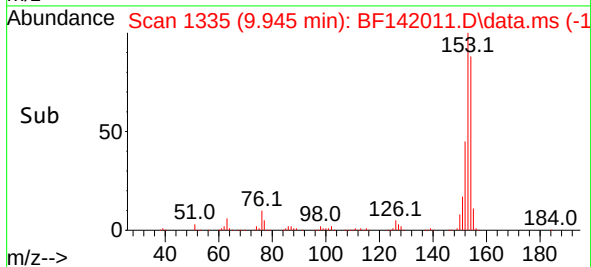
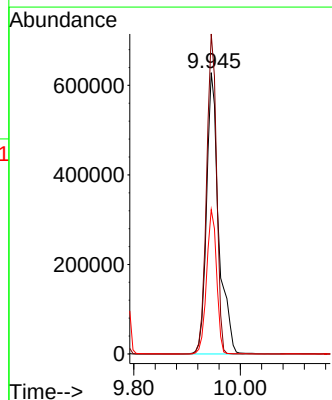
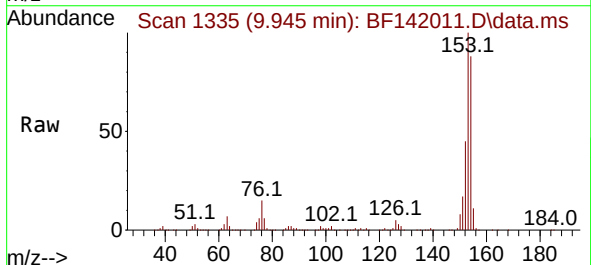
Instrument :
BNA_F
ClientSampleId :
PB167206BS

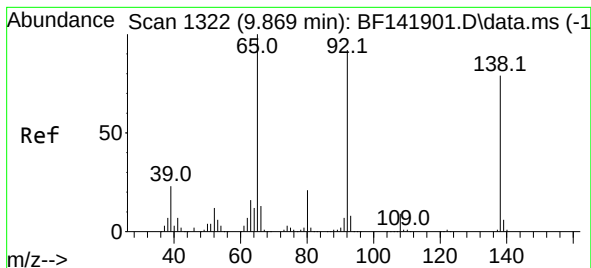
Tgt Ion:165 Resp: 227147
Ion Ratio Lower Upper
165 100
63 55.6 47.0 70.4
89 56.7 47.4 71.2



#52
Acenaphthene
Concen: 48.143 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion:154 Resp: 996164
Ion Ratio Lower Upper
154 100
153 113.8 90.7 136.1
152 51.3 41.1 61.7





#53

3-Nitroaniline

Concen: 23.431 ng

RT: 9.863 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB167206BS

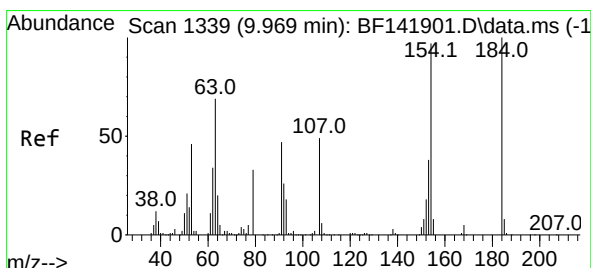
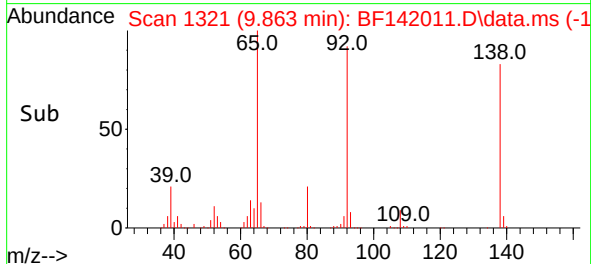
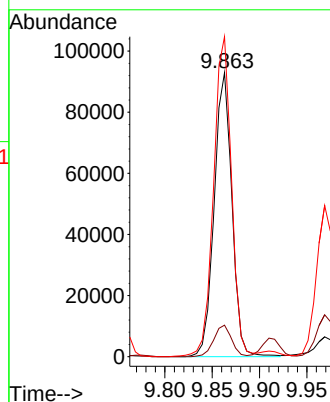
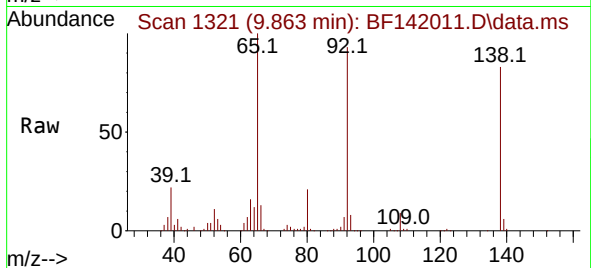
Tgt Ion:138 Resp: 121411

Ion Ratio Lower Upper

138 100

108 11.1 9.3 13.9

92 112.7 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 90.035 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

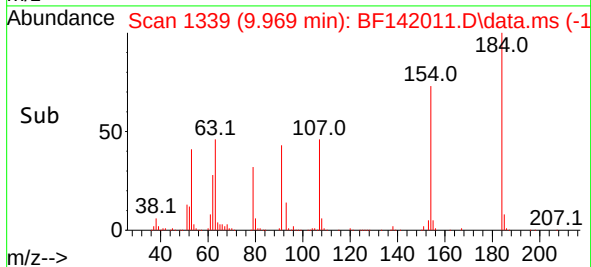
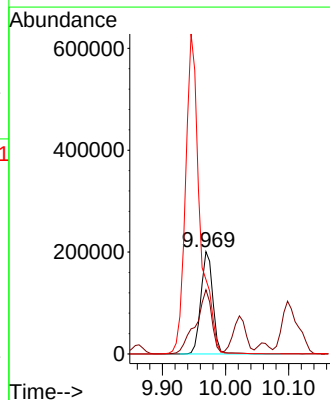
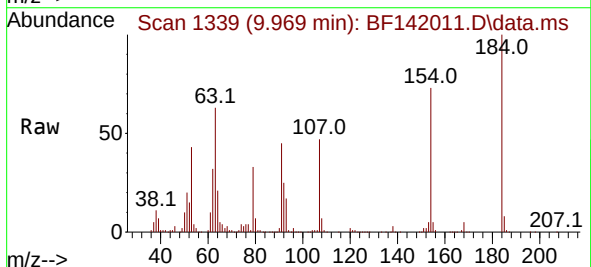
Tgt Ion:184 Resp: 263921

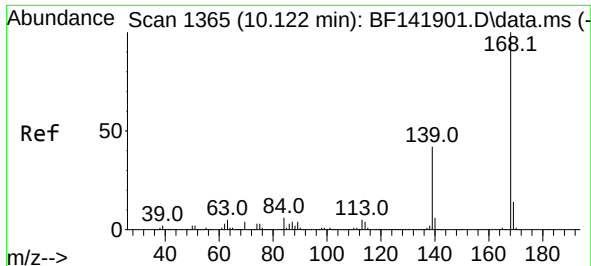
Ion Ratio Lower Upper

184 100

63 62.8 60.2 90.4

154 72.8 132.9 199.3#

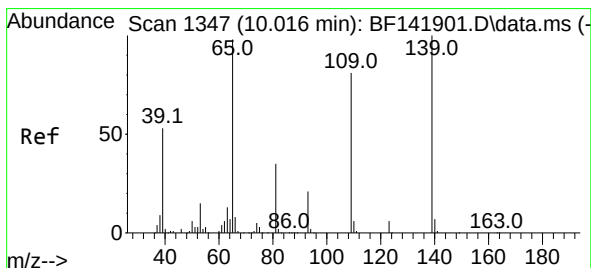
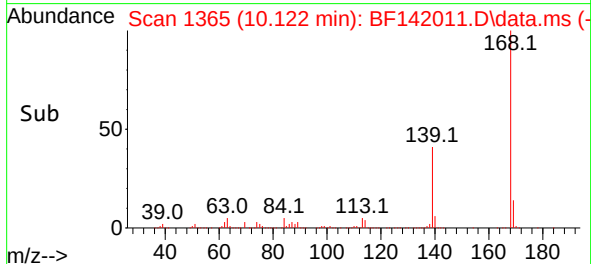
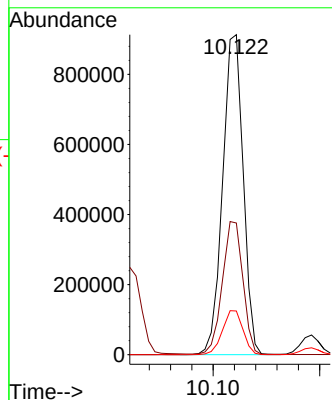
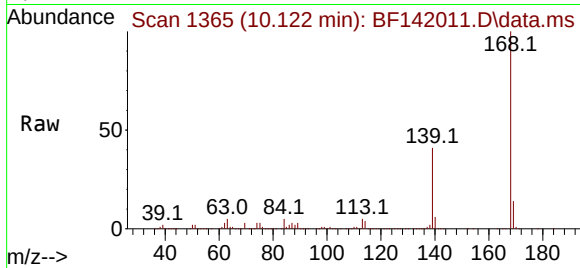




#55
Dibenzofuran
Concen: 41.317 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

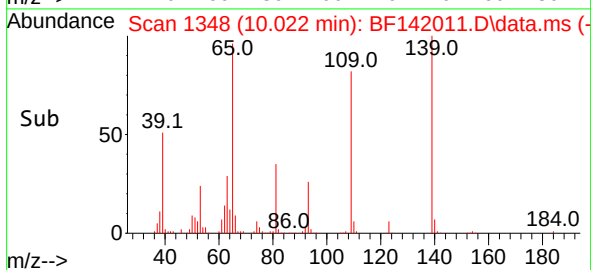
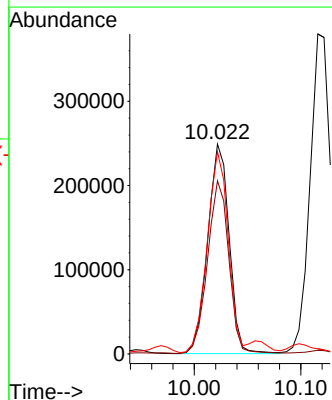
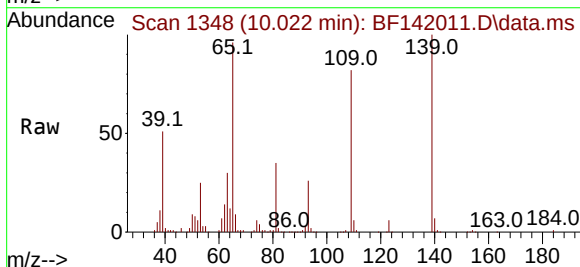
Instrument :
BNA_F
ClientSampleId :
PB167206BS

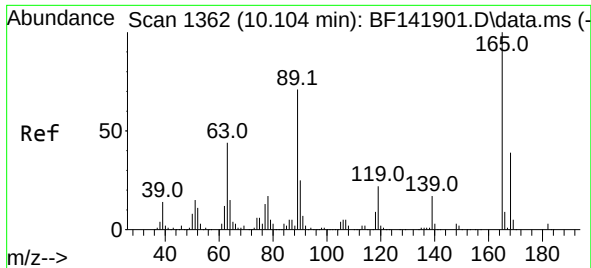
Tgt Ion:168 Resp: 1221571
Ion Ratio Lower Upper
168 100
139 41.1 33.9 50.9
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 89.078 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion:139 Resp: 348081
Ion Ratio Lower Upper
139 100
109 82.5 61.6 101.6
65 96.4 79.4 119.4

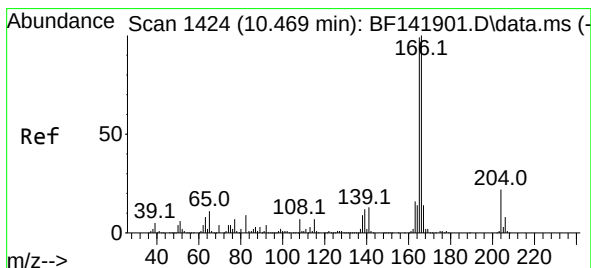
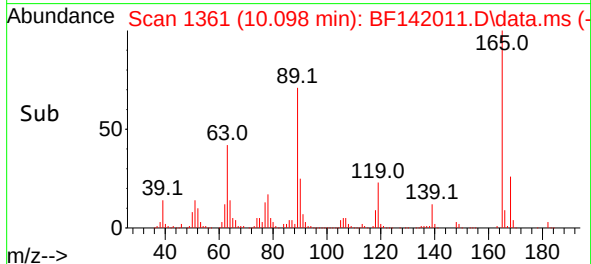
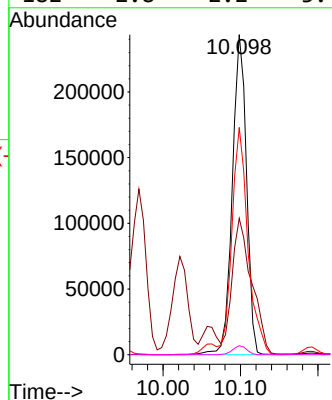
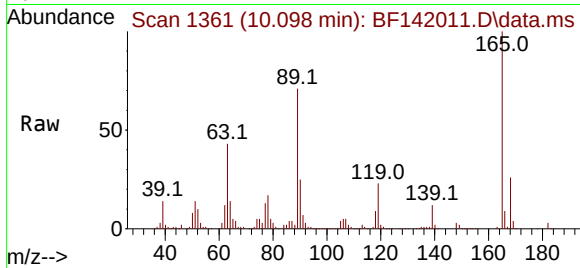




#57
2,4-Dinitrotoluene
Concen: 46.537 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

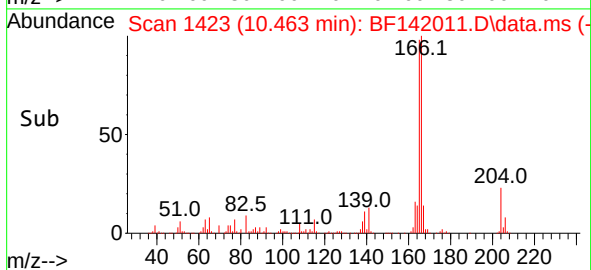
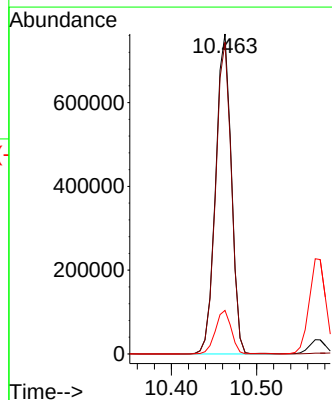
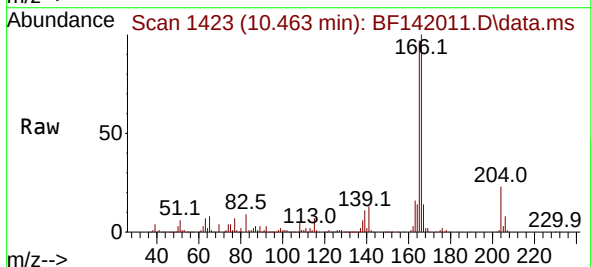
Instrument :
BNA_F
ClientSampleId :
PB167206BS

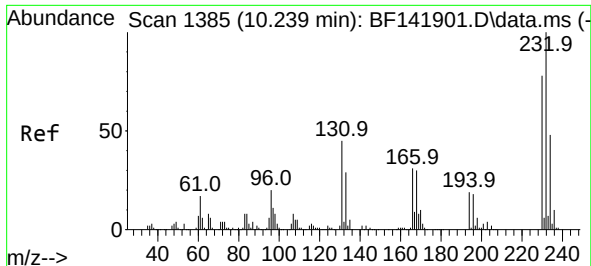
Tgt Ion:165 Resp: 310491
Ion Ratio Lower Upper
165 100
63 42.6 35.4 53.2
89 71.0 56.6 84.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 42.845 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion:166 Resp: 976875
Ion Ratio Lower Upper
166 100
165 97.4 79.0 118.4
167 13.6 11.0 16.4

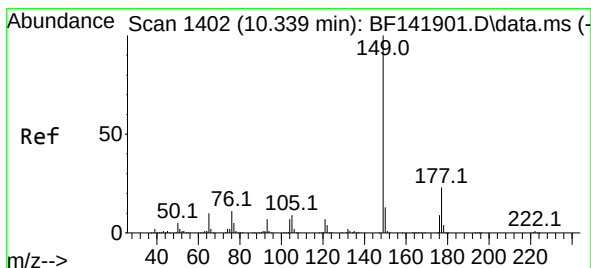
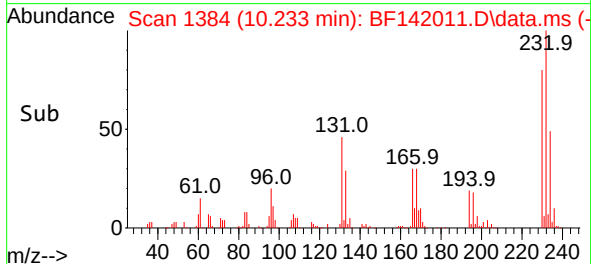
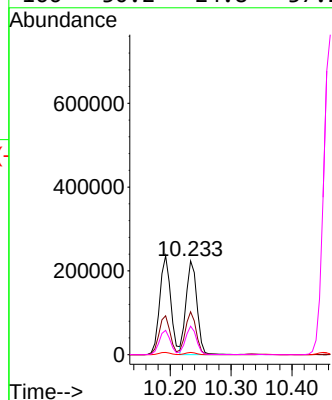
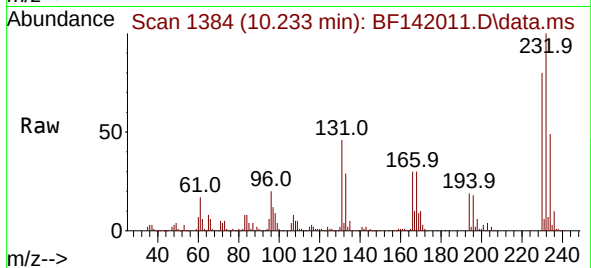




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.278 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

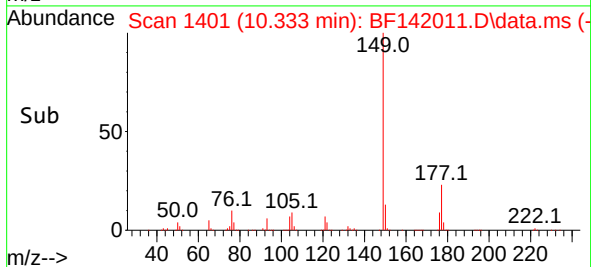
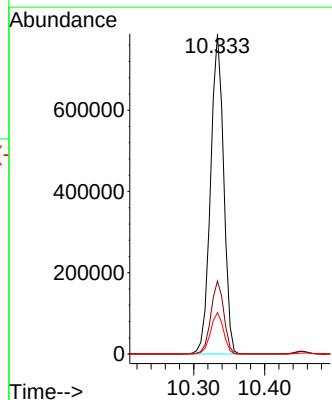
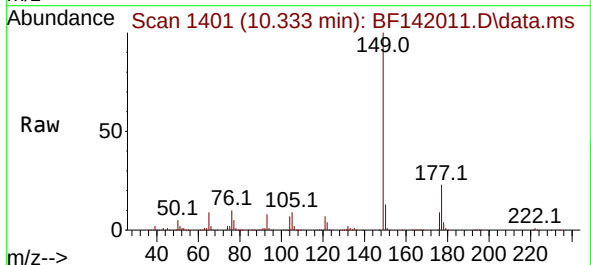
Instrument :
BNA_F
ClientSampleId :
PB167206BS

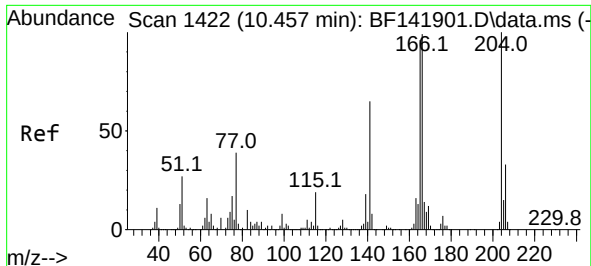
Tgt Ion:232 Resp: 278049
Ion Ratio Lower Upper
232 100
131 45.4 37.3 55.9
130 2.4 1.9 2.9
166 30.2 24.8 37.2



#60
Diethylphthalate
Concen: 41.223 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion:149 Resp: 1008455
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 12.9 10.2 15.4

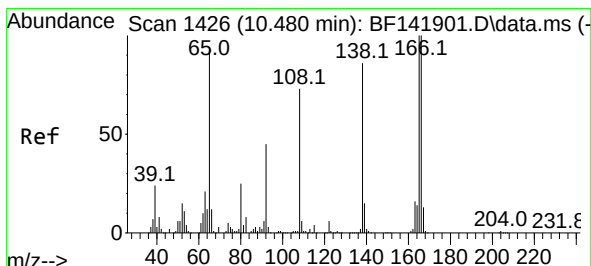
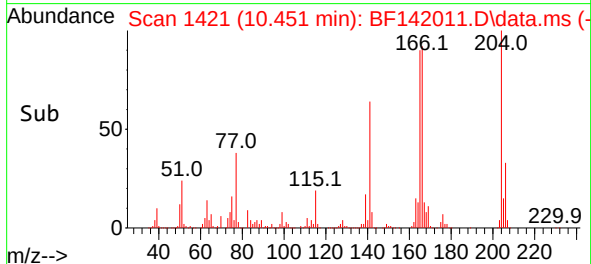
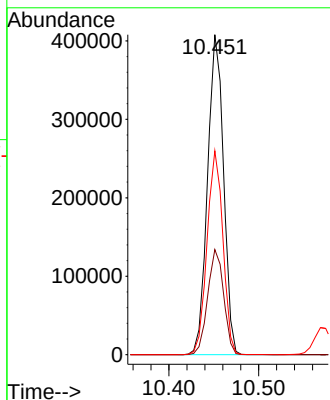
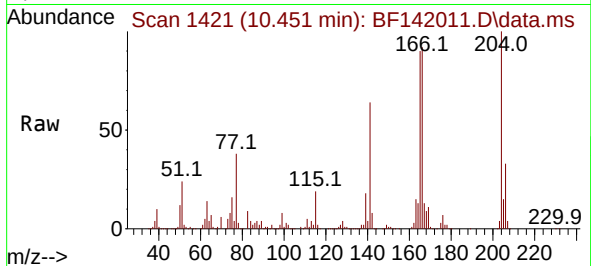




#61
4-Chlorophenyl-phenylether
Concen: 42.500 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

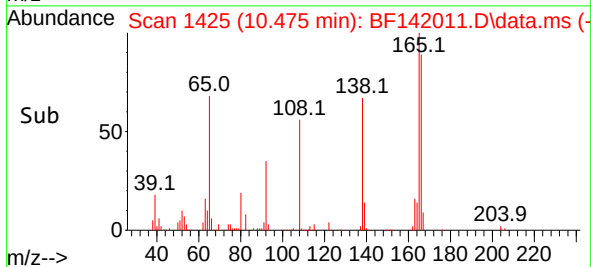
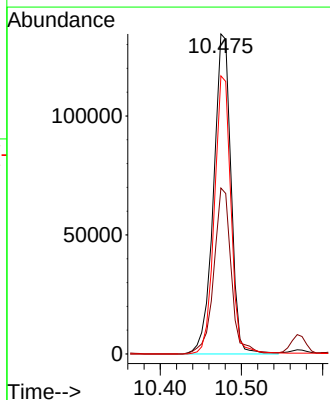
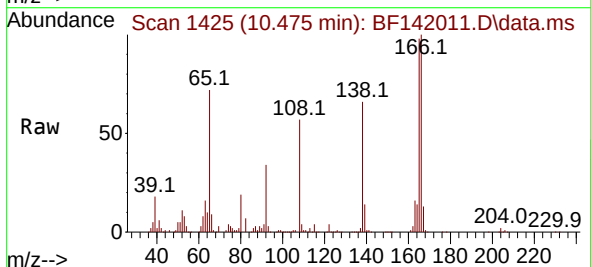
Instrument :
BNA_F
ClientSampleId :
PB167206BS

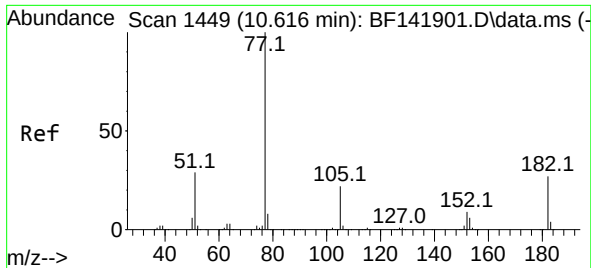
Tgt Ion:204 Resp: 505204
Ion Ratio Lower Upper
204 100
206 32.8 26.8 40.2
141 63.7 52.4 78.6



#62
4-Nitroaniline
Concen: 39.832 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion:138 Resp: 200935
Ion Ratio Lower Upper
138 100
92 51.9 32.6 72.6
108 86.9 65.0 105.0

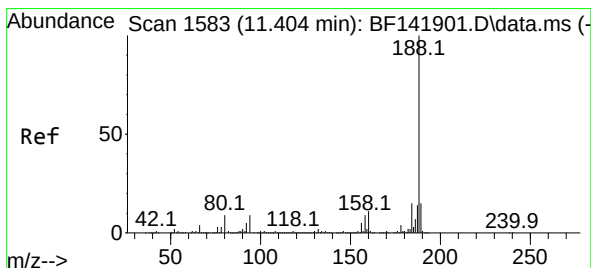
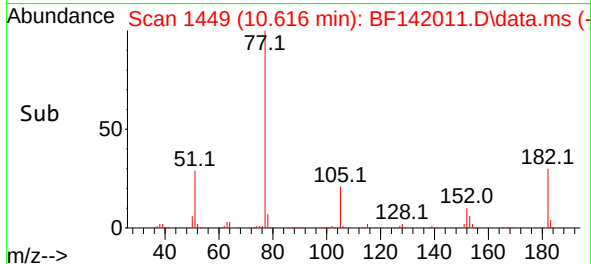
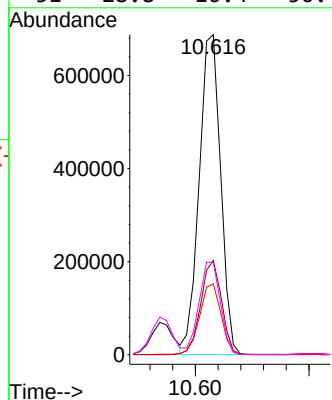
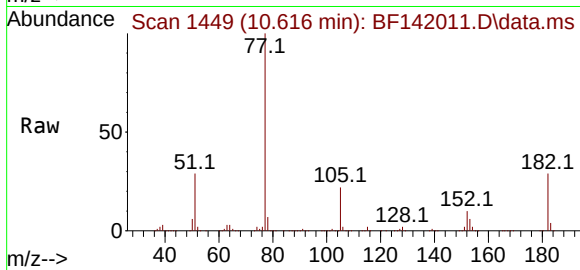




#63
Azobenzene
Concen: 39.610 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

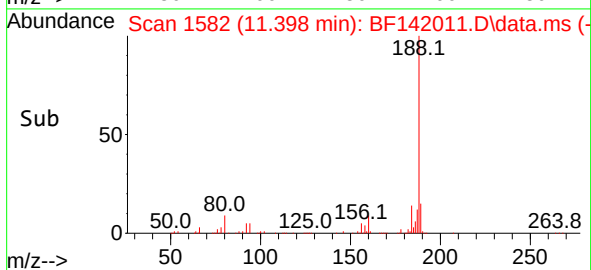
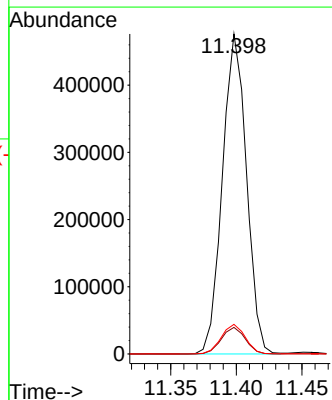
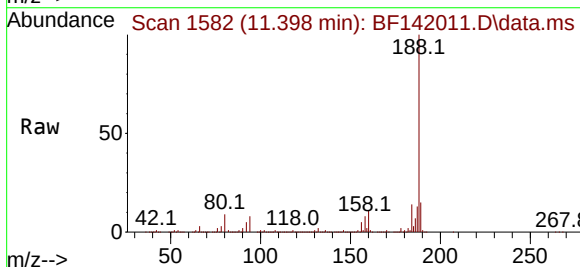
Instrument :
BNA_F
ClientSampleId :
PB167206BS

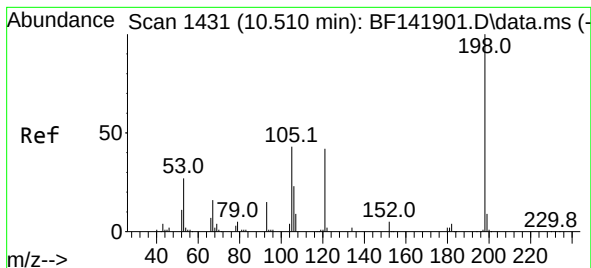
Tgt Ion: 77	Resp: 900903
Ion Ratio	Lower Upper
77 100	
182 29.5	6.6 46.6
105 22.1	1.3 41.3
51 28.8	10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion:188	Resp: 607454
Ion Ratio	Lower Upper
188 100	
94 8.3	6.8 10.2
80 9.3	7.6 11.4

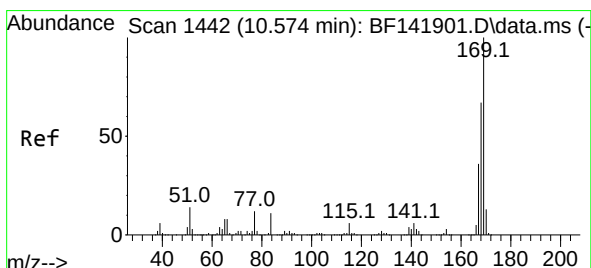
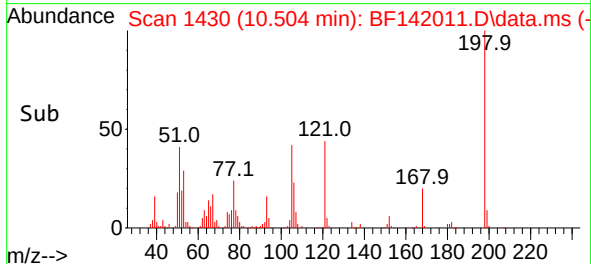
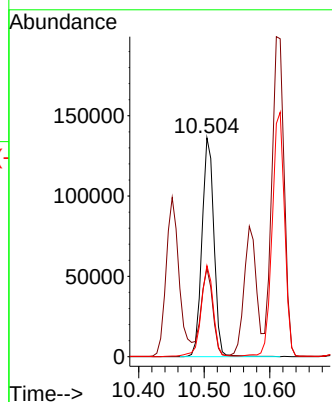
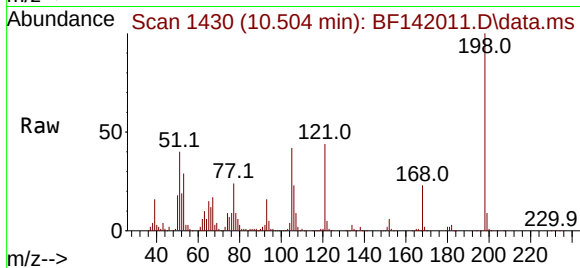




#65
4,6-Dinitro-2-methylphenol
Concen: 47.823 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

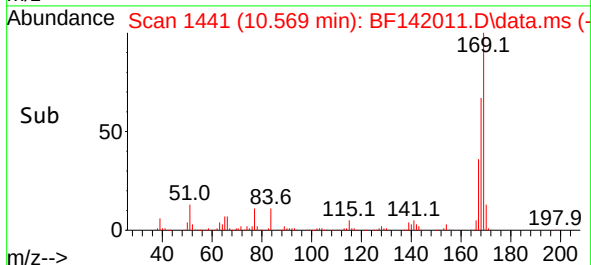
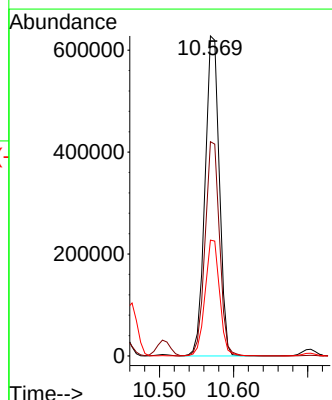
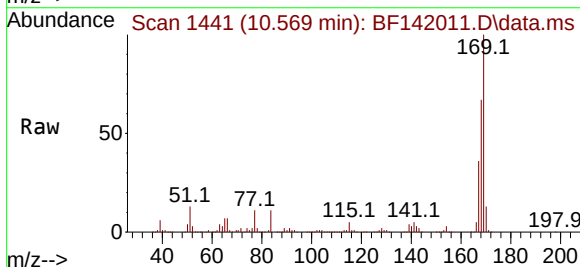
Instrument :
BNA_F
ClientSampleId :
PB167206BS

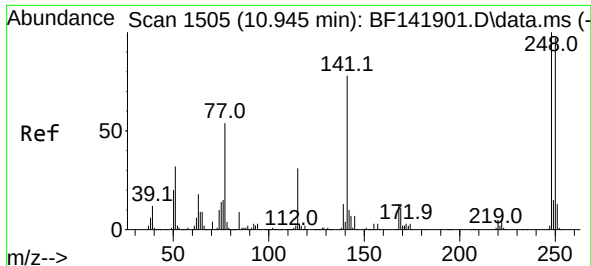
Tgt Ion:198 Resp: 173183
Ion Ratio Lower Upper
198 100
51 40.3 22.3 62.3
105 41.6 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 42.639 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion:169 Resp: 838174
Ion Ratio Lower Upper
169 100
168 67.0 53.7 80.5
167 36.2 29.2 43.8

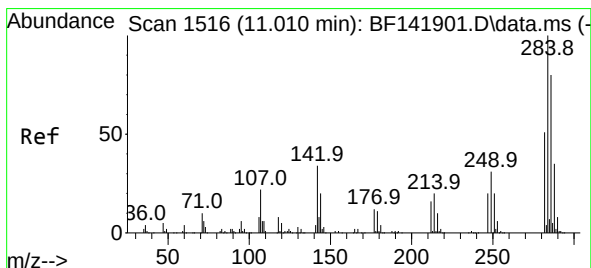
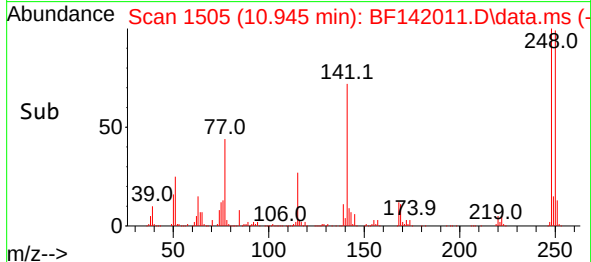
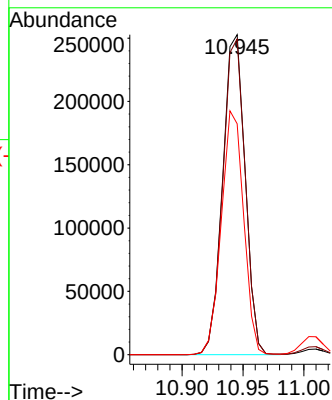
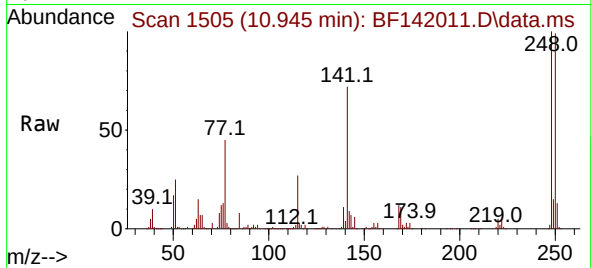




#67
4-Bromophenyl-phenylether
Concen: 42.619 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

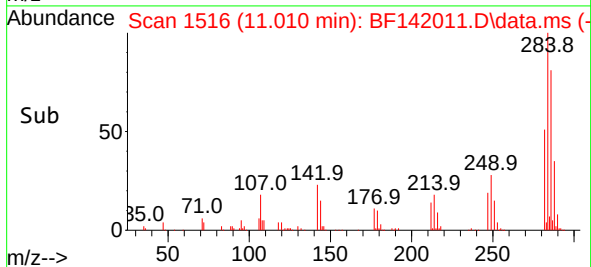
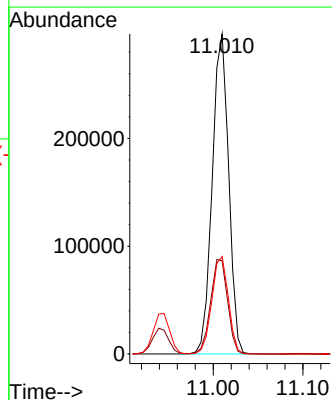
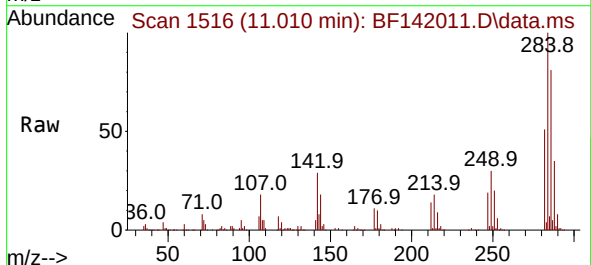
Instrument :
BNA_F
ClientSampleId :
PB167206BS

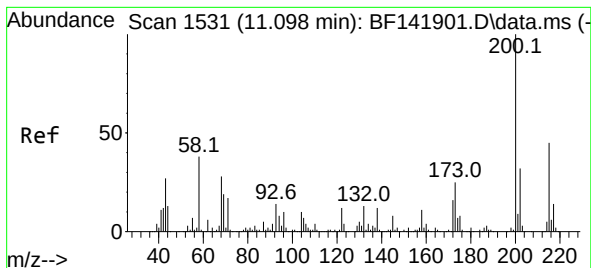
Tgt Ion:248 Resp: 325140
Ion Ratio Lower Upper
248 100
250 98.7 77.8 116.8
141 72.2 62.6 93.8



#68
Hexachlorobenzene
Concen: 45.086 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion:284 Resp: 377242
Ion Ratio Lower Upper
284 100
142 29.1 27.0 40.6
249 30.5 25.2 37.8





#69

Atrazine

Concen: 55.585 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB167206BS

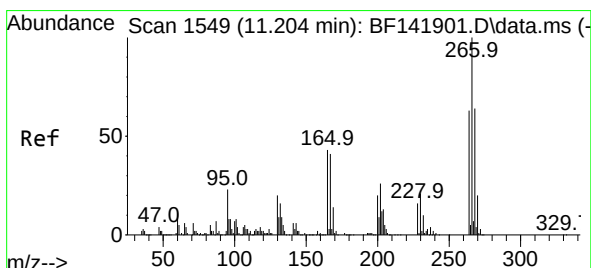
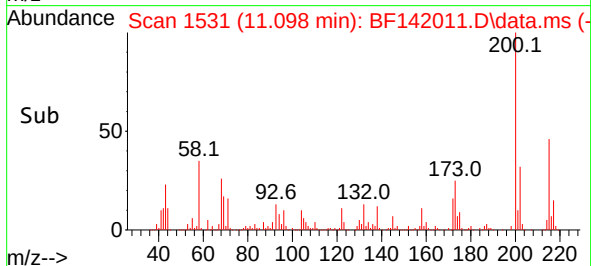
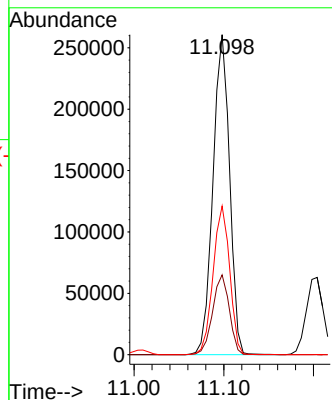
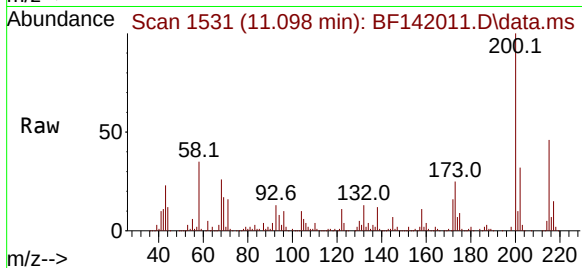
Tgt Ion:200 Resp: 334968

Ion Ratio Lower Upper

200 100

173 24.9 4.7 44.7

215 46.4 25.4 65.4



#70

Pentachlorophenol

Concen: 87.404 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

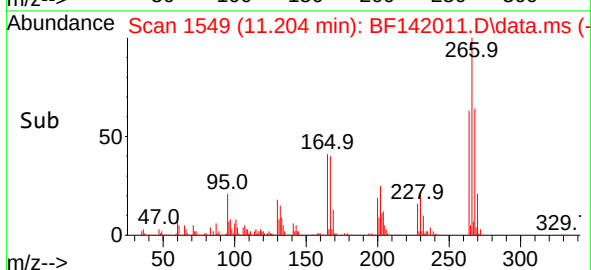
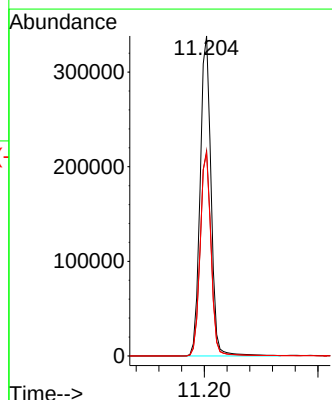
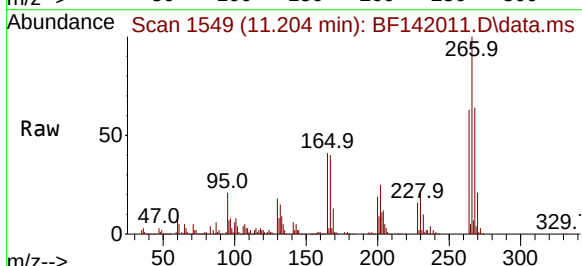
Tgt Ion:266 Resp: 450590

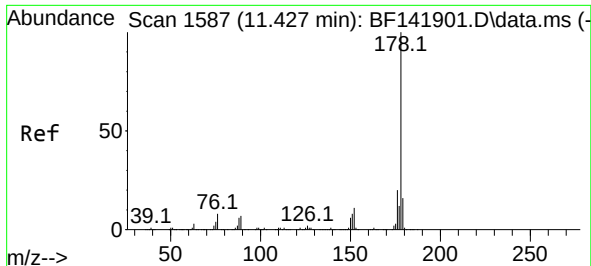
Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.6

264 63.4 50.2 75.2

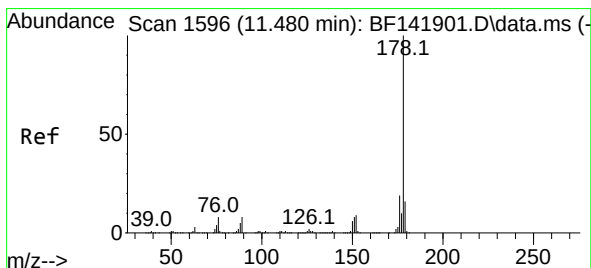
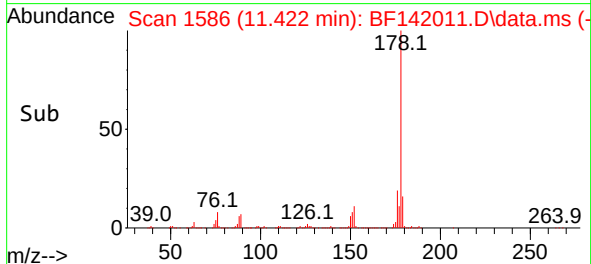
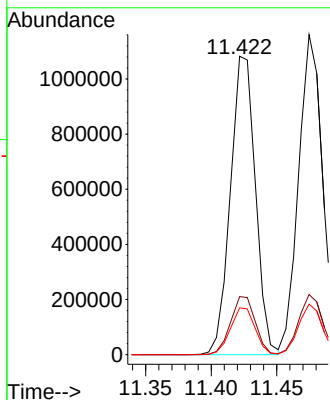
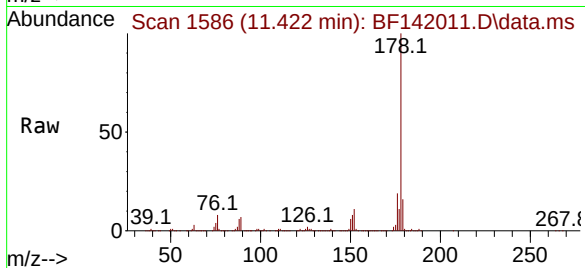




#71
Phenanthrene
Concen: 43.879 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

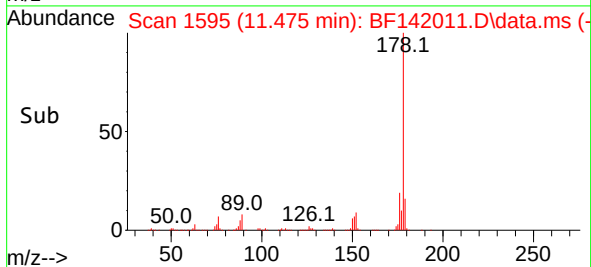
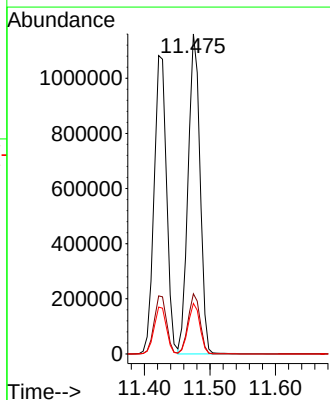
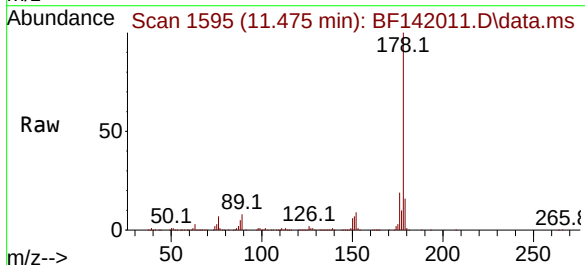
Instrument :
BNA_F
ClientSampleId :
PB167206BS

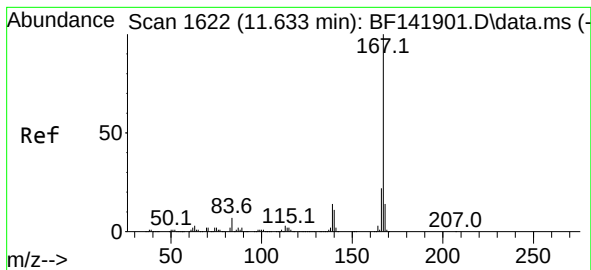
Tgt Ion:178 Resp: 1439697
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.7 12.6 19.0



#72
Anthracene
Concen: 44.492 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion:178 Resp: 1464576
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.8 12.6 19.0

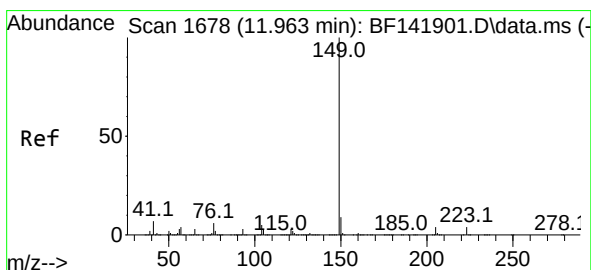
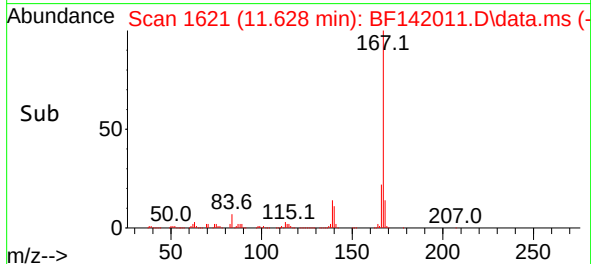
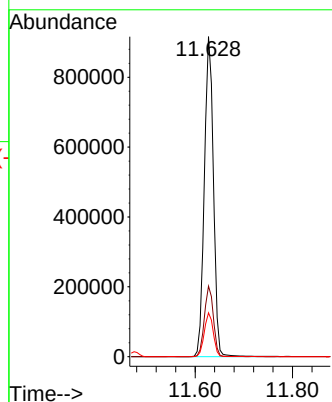
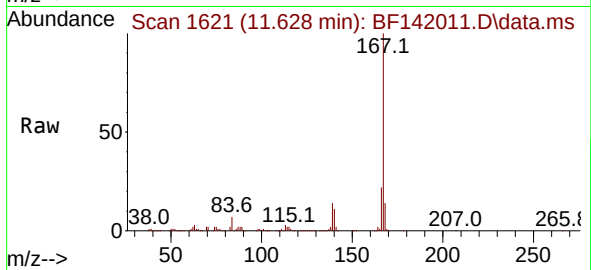




#73
 Carbazole
 Concen: 41.760 ng
 RT: 11.628 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF142011.D
 Acq: 20 Mar 2025 15:01

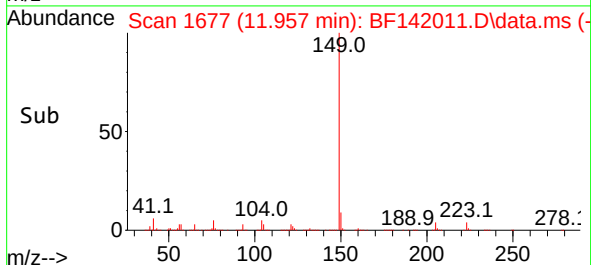
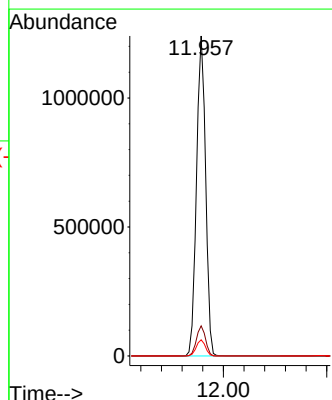
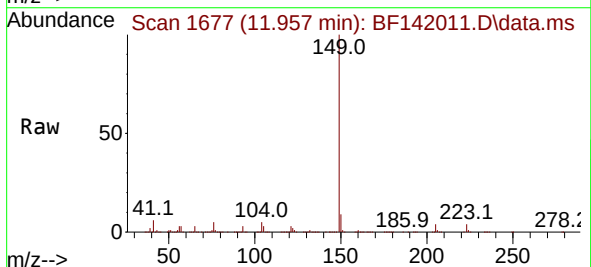
Instrument :
 BNA_F
 ClientSampleId :
 PB167206BS

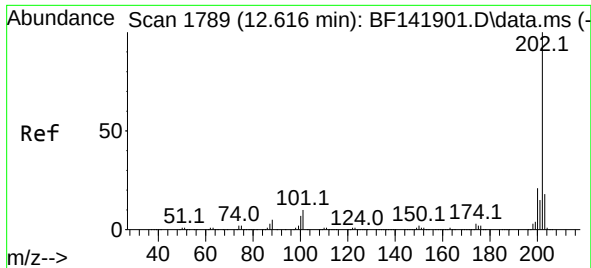
Tgt Ion:167 Resp: 1185513
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.2
 139 13.7 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 40.340 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF142011.D
 Acq: 20 Mar 2025 15:01

Tgt Ion:149 Resp: 1519548
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 5.1 4.4 6.6

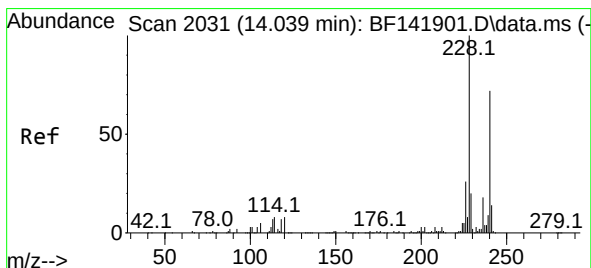
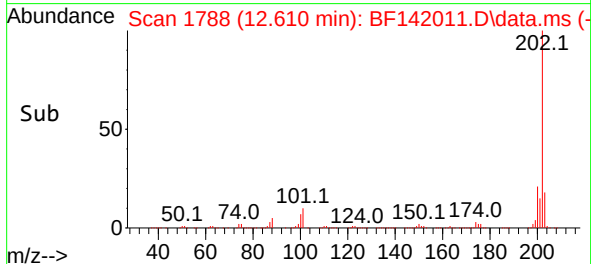
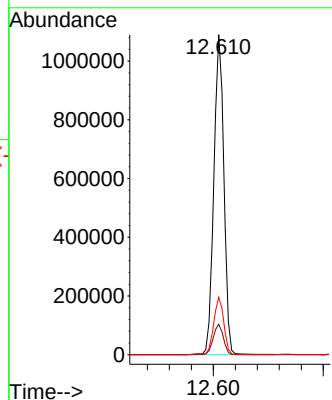
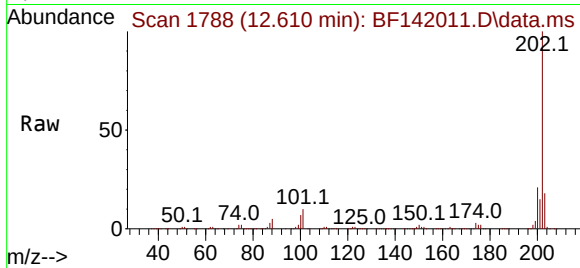




#75
Fluoranthene
Concen: 39.773 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

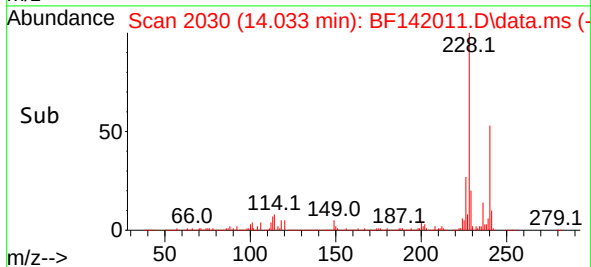
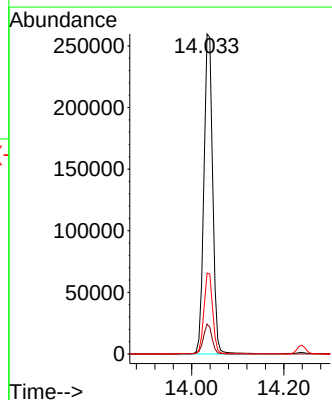
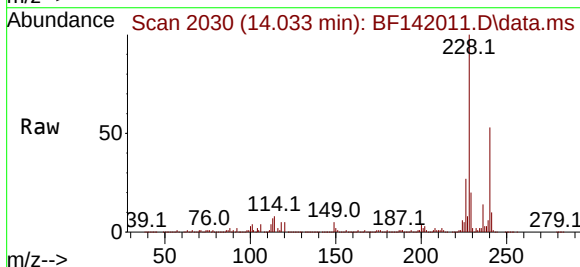
Instrument :
BNA_F
ClientSampleId :
PB167206BS

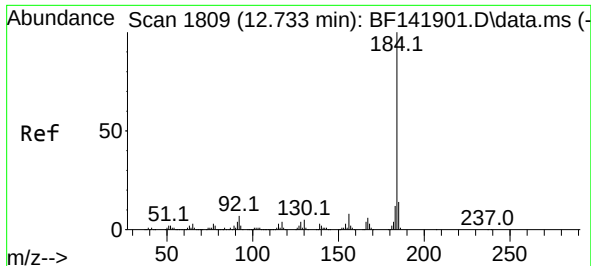
Tgt Ion:202 Resp: 1384289
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.7
203 18.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion:240 Resp: 347058
Ion Ratio Lower Upper
240 100
120 9.4 8.4 12.6
236 25.2 20.5 30.7

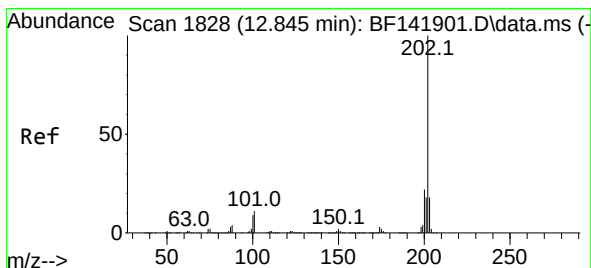
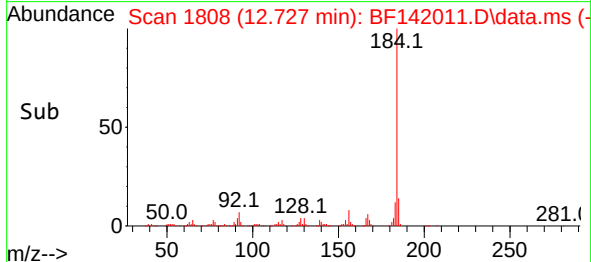
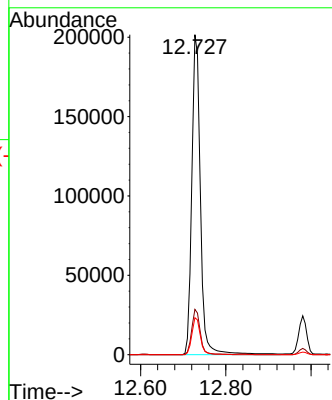
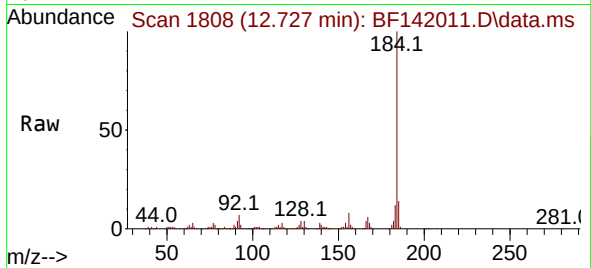




#77
Benzidine
Concen: 58.512 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

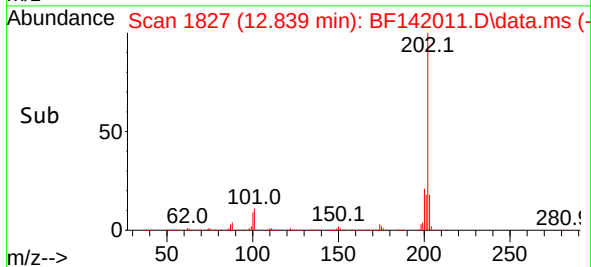
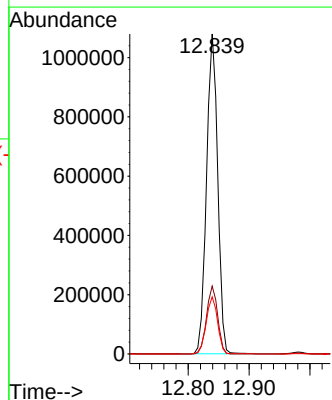
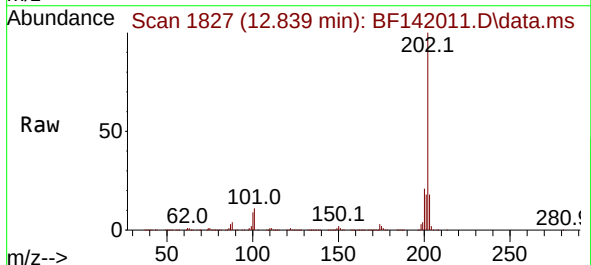
Instrument :
BNA_F
ClientSampleId :
PB167206BS

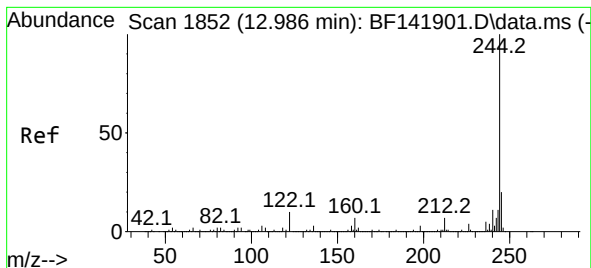
Tgt Ion:184 Resp: 283320
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.5 9.7 14.5



#78
Pyrene
Concen: 45.708 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion:202 Resp: 1372197
Ion Ratio Lower Upper
202 100
200 21.2 17.3 25.9
203 17.9 14.4 21.6





#79

Terphenyl-d14

Concen: 96.304 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB167206BS

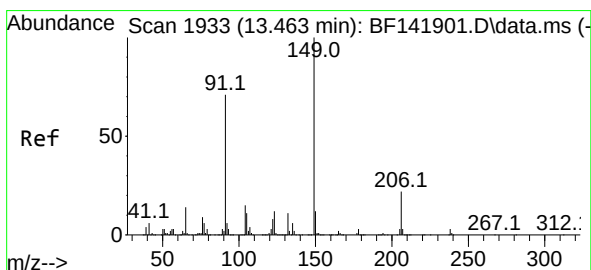
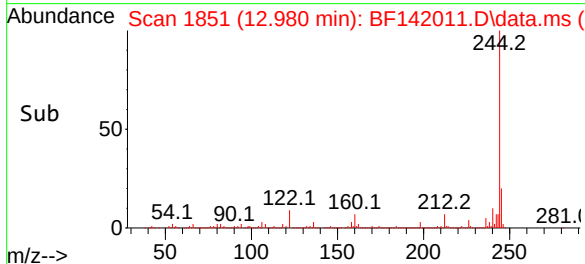
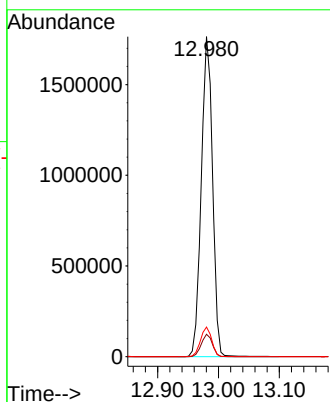
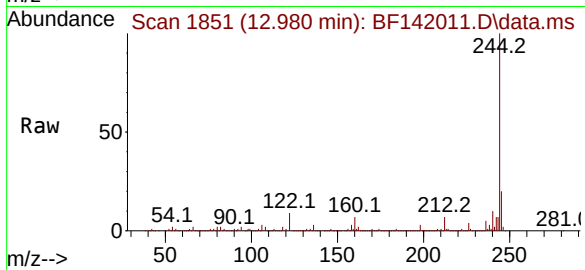
Tgt Ion:244 Resp: 2260679

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.3 7.7 11.5



#80

Butylbenzylphthalate

Concen: 42.657 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

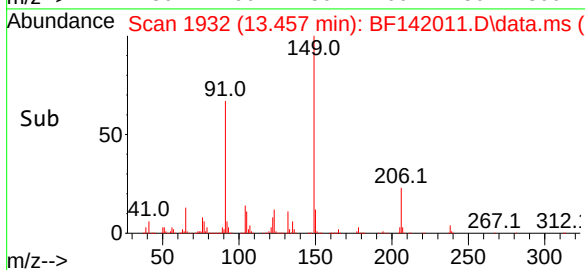
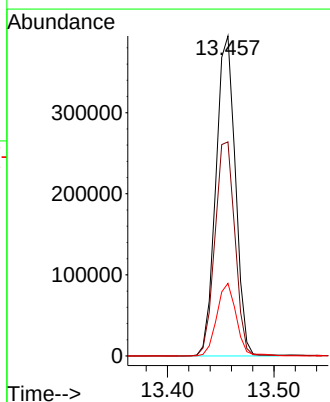
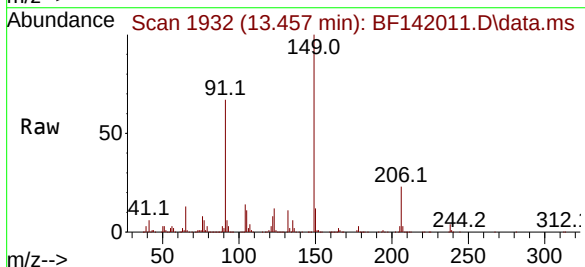
Tgt Ion:149 Resp: 501229

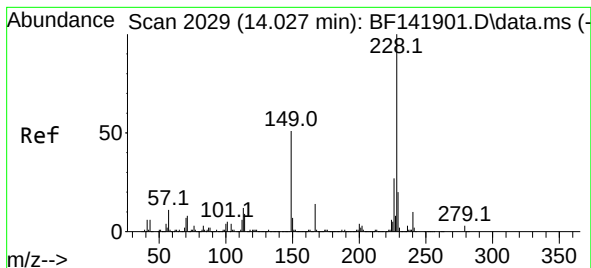
Ion Ratio Lower Upper

149 100

91 66.9 56.5 84.7

206 22.7 17.3 25.9





#81

Benzo(a)anthracene

Concen: 43.839 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB167206BS

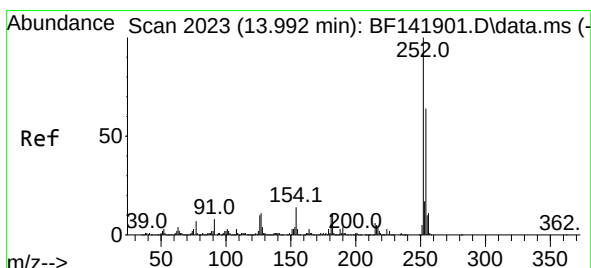
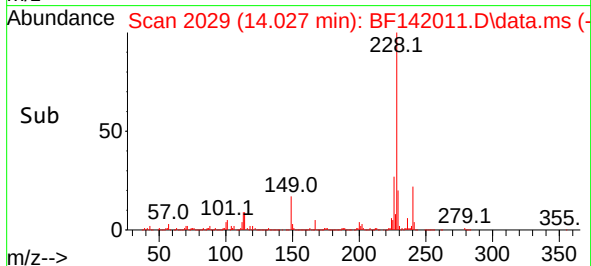
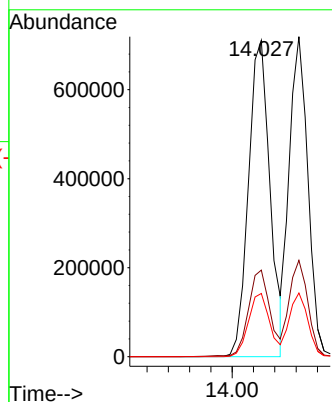
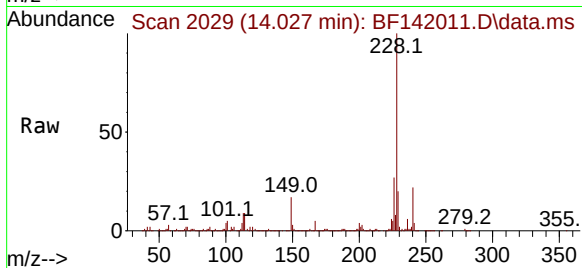
Tgt Ion:228 Resp: 998393

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 20.0 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 22.771 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

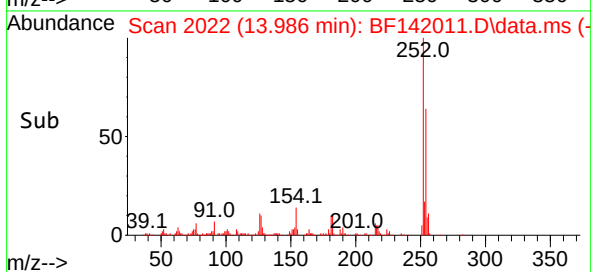
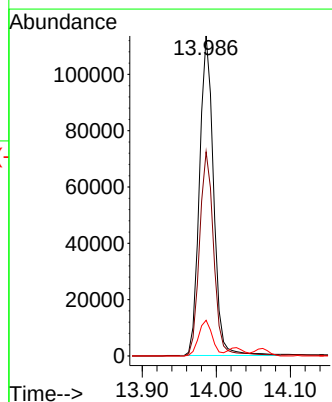
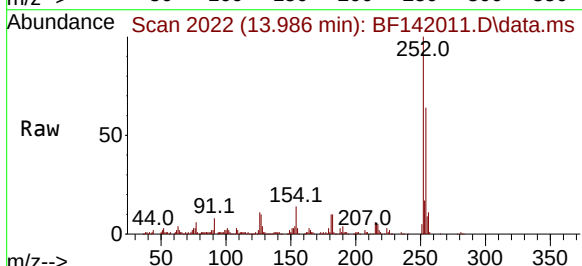
Tgt Ion:252 Resp: 149865

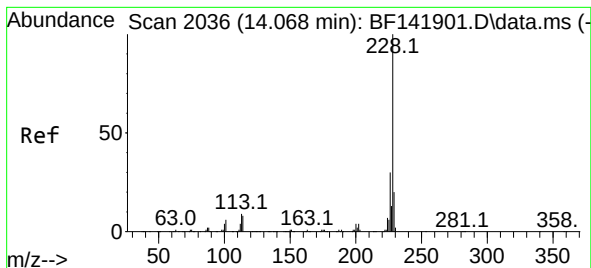
Ion Ratio Lower Upper

252 100

254 63.8 51.0 76.6

126 11.1 8.4 12.6





#83

Chrysene

Concen: 42.761 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB167206BS

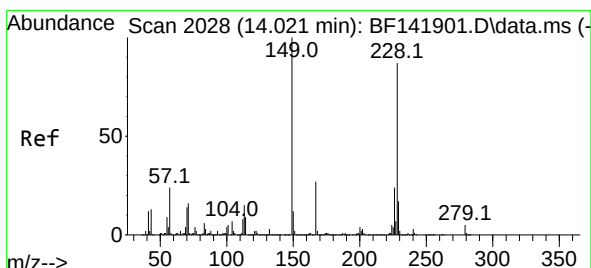
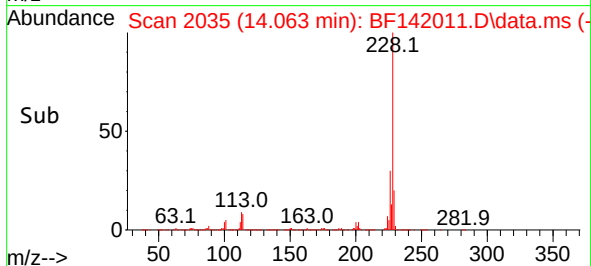
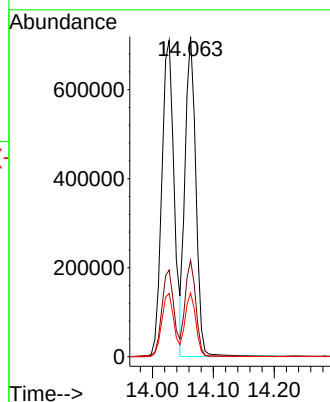
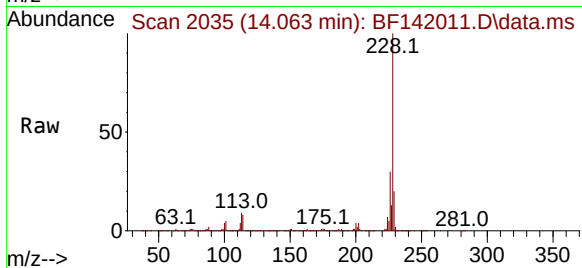
Tgt Ion:228 Resp: 882766

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.498 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

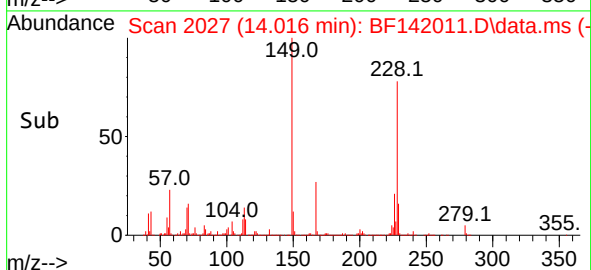
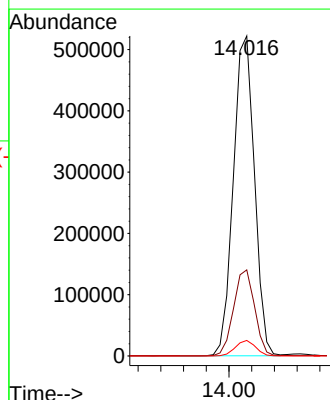
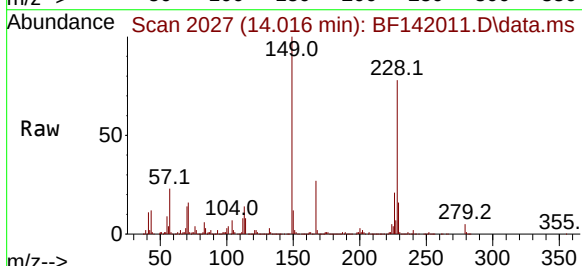
Tgt Ion:149 Resp: 672308

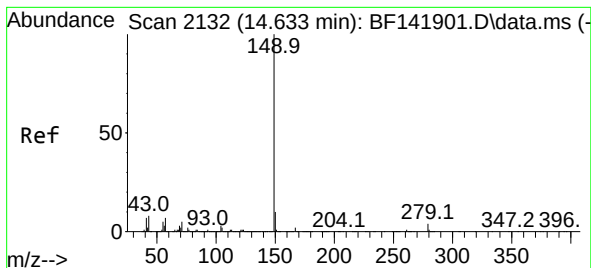
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 46.838 ng

RT: 14.627 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB167206BS

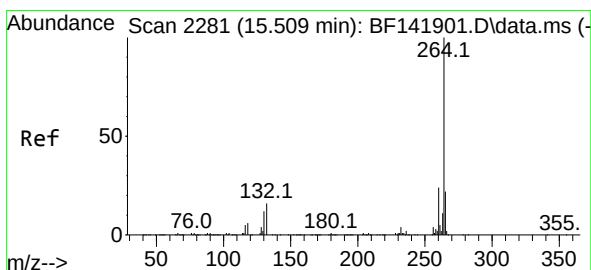
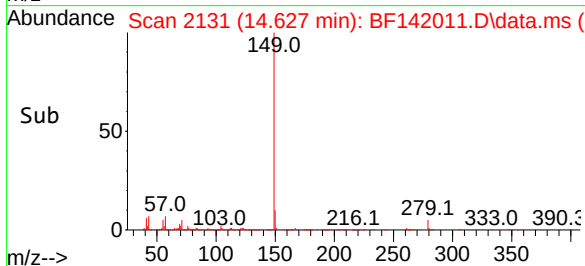
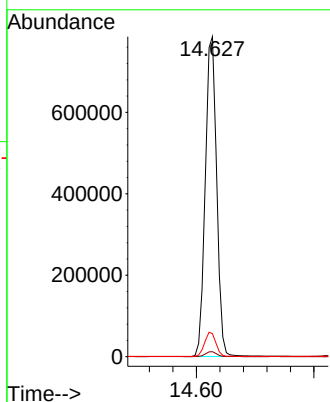
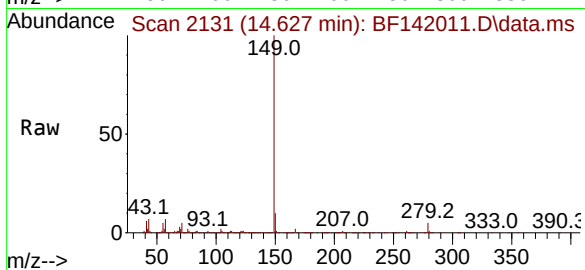
Tgt Ion:149 Resp: 1055840

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 7.5 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142011.D

Acq: 20 Mar 2025 15:01

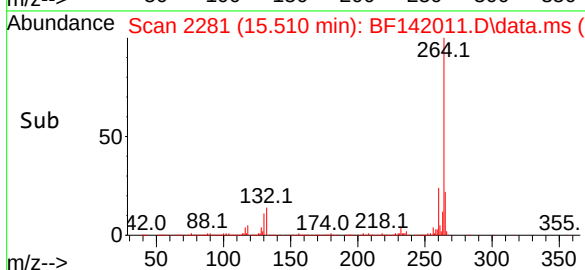
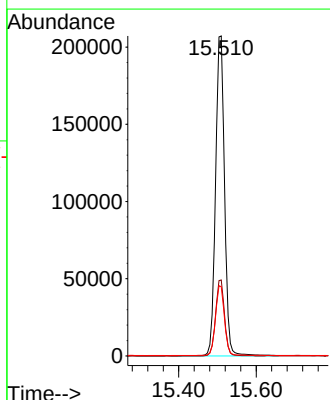
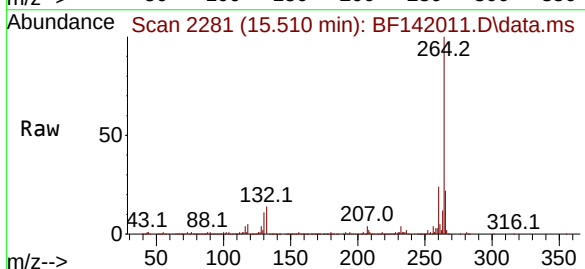
Tgt Ion:264 Resp: 334560

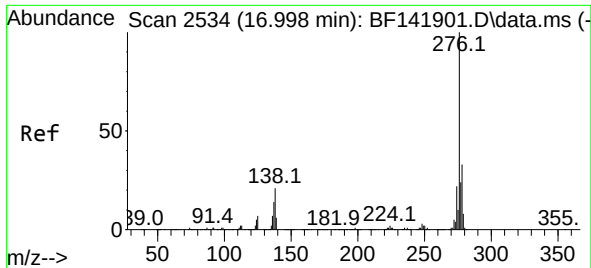
Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.7 17.5 26.3

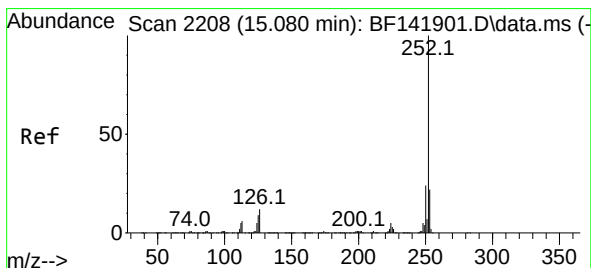
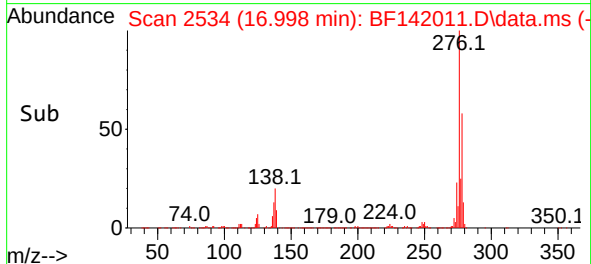
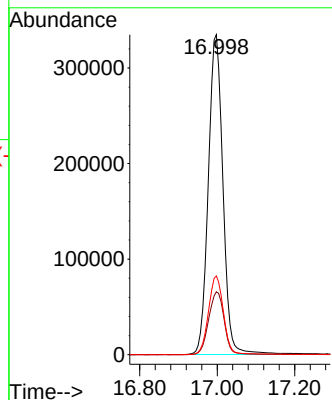
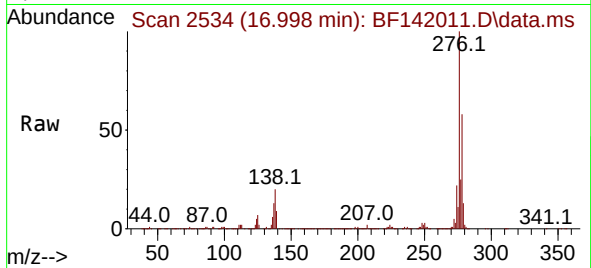




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.526 ng
 RT: 16.998 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF142011.D
 Acq: 20 Mar 2025 15:01

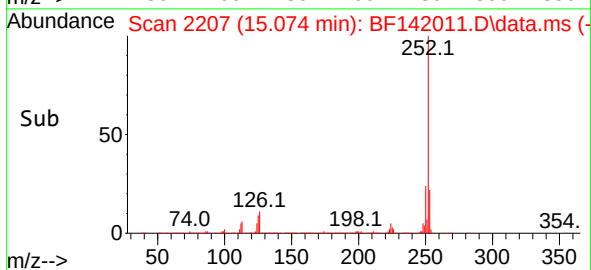
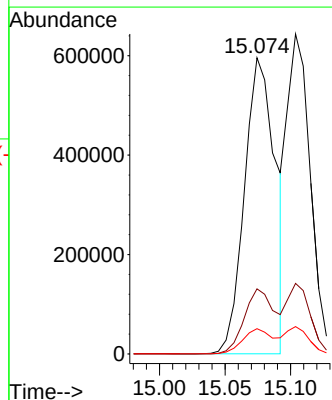
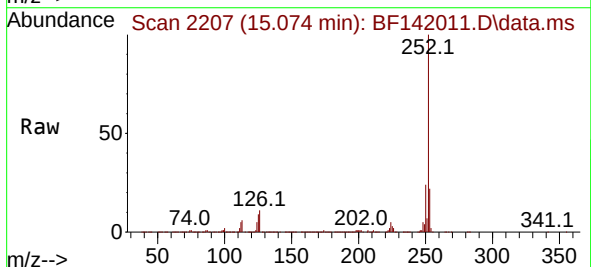
Instrument :
 BNA_F
 ClientSampleId :
 PB167206BS

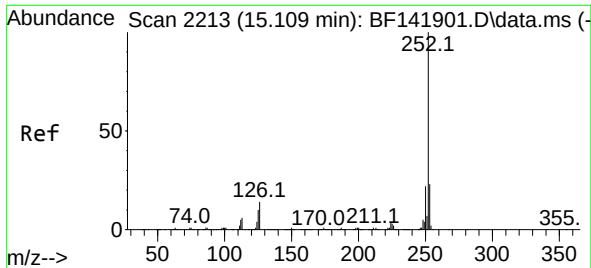
Tgt Ion:276 Resp: 877070
 Ion Ratio Lower Upper
 276 100
 138 21.0 18.4 27.6
 277 25.5 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 42.606 ng
 RT: 15.074 min Scan# 2207
 Delta R.T. -0.006 min
 Lab File: BF142011.D
 Acq: 20 Mar 2025 15:01

Tgt Ion:252 Resp: 976921
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.5 26.3
 125 8.5 7.0 10.4

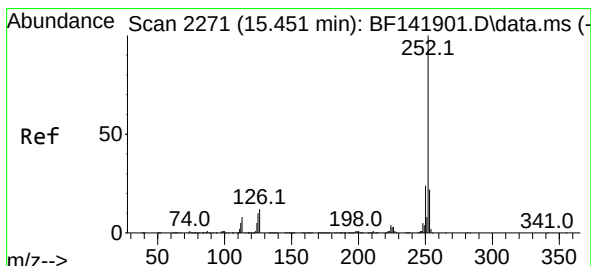
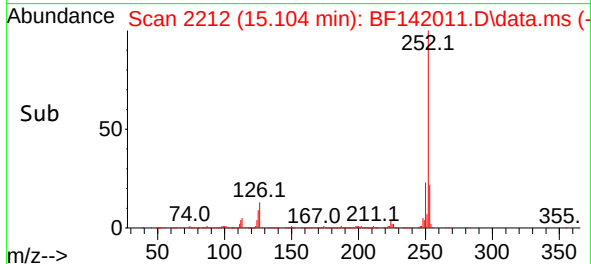
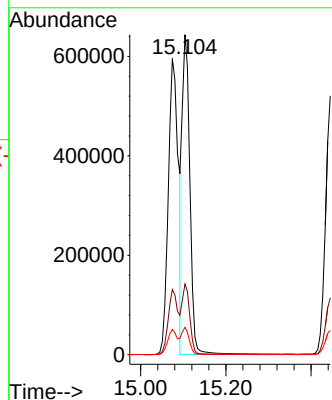
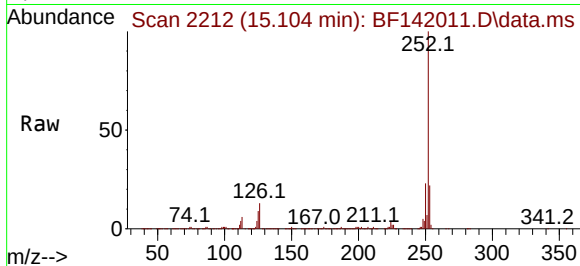




#89
Benzo(k)fluoranthene
Concen: 41.326 ng
RT: 15.104 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

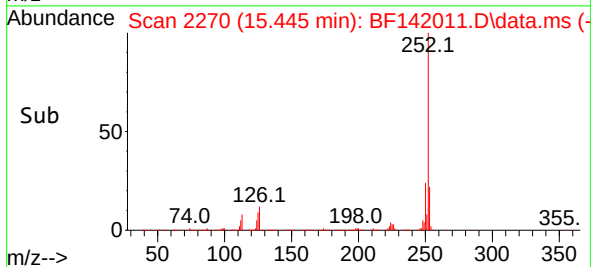
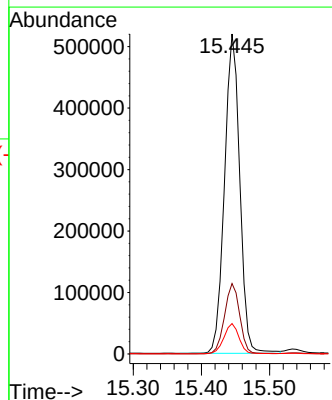
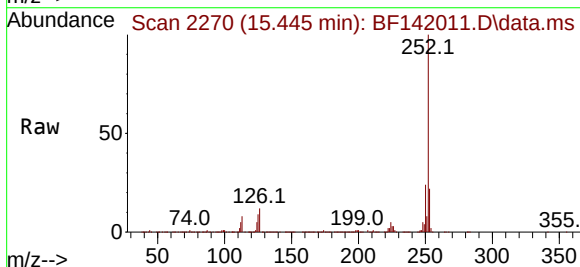
Instrument :
BNA_F
ClientSampleId :
PB167206BS

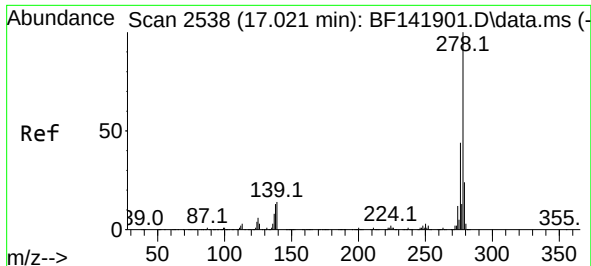
Tgt Ion:252 Resp: 810913
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 8.6 7.2 10.8



#90
Benzo(a)pyrene
Concen: 45.075 ng
RT: 15.445 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion:252 Resp: 808714
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.5 7.8 11.8

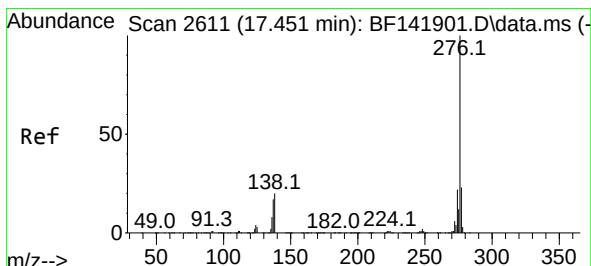
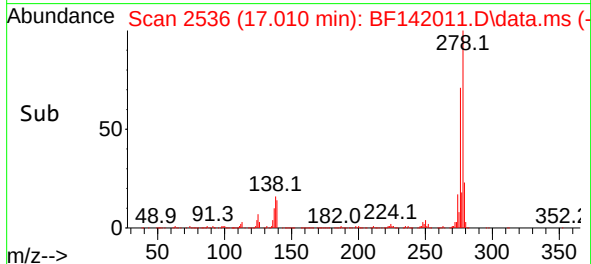
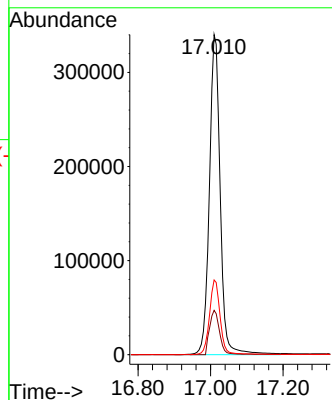
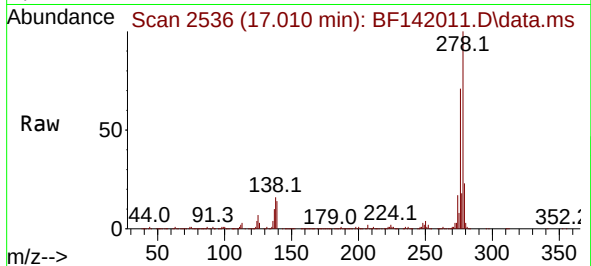




#91
Dibenzo(a,h)anthracene
Concen: 39.486 ng
RT: 17.010 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Instrument :
BNA_F
ClientSampleId :
PB167206BS

Tgt Ion:278 Resp: 705085
Ion Ratio Lower Upper
278 100
139 13.9 11.4 17.2
279 23.4 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 37.245 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.006 min
Lab File: BF142011.D
Acq: 20 Mar 2025 15:01

Tgt Ion:276 Resp: 657226
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 18.2 15.8 23.8

