

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141908.D
 Acq On : 10 Mar 2025 17:39
 Operator : RC/JU
 Sample : SP6752
 Misc : 8270 SPIKE
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP6752

Quant Time: Mar 10 18:00:37 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	6.881	152	185405	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	771371	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	480697	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	790145	20.000	ng	0.00
76) Chrysene-d12	14.039	240	501951	20.000	ng	0.00
86) Perylene-d12	15.509	264	402796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	421	0.038	ng	0.00
7) Phenol-d6	6.498	99	1219	0.086	ng	0.00
23) Nitrobenzene-d5	7.392	82	59837	4.365	ng	-0.05
42) 2,4,6-Tribromophenol	10.704	330	312	0.051	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	377	0.012	ng	0.00
79) Terphenyl-d14	12.974	244	970	0.029	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	244133	52.449	ng	99
3) Pyridine	3.516	79	618434	54.165	ng	99
4) n-Nitrosodimethylamine	3.481	42	285997	52.547	ng	98
6) Aniline	6.539	93	568451	40.740	ng	100
8) 2-Chlorophenol	6.663	128	675576	54.832	ng	100
9) Benzaldehyde	6.434	77	529557	66.943	ng	100
10) Phenol	6.510	94	825248	55.460	ng	96
11) bis(2-Chloroethyl)ether	6.610	93	586909	52.528	ng	100
12) 1,3-Dichlorobenzene	6.822	146	701404	52.731	ng	99
13) 1,4-Dichlorobenzene	6.898	146	705711	52.437	ng	99
14) 1,2-Dichlorobenzene	7.051	146	680366	53.672	ng	98
15) Benzyl Alcohol	7.016	79	605767	52.976	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	696059	51.601	ng	99
17) 2-Methylphenol	7.128	107	550955	56.241	ng	99
18) Hexachloroethane	7.392	117	267040	52.913	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	462946	50.938	ng	99
20) 3+4-Methylphenols	7.281	107	681231	54.291	ng	# 90
22) Acetophenone	7.286	105	901514	48.803	ng	96
24) Nitrobenzene	7.457	77	716114	52.554	ng	100
25) Isophorone	7.698	82	1354353	55.897	ng	99
26) 2-Nitrophenol	7.775	139	369084	55.187	ng	99
27) 2,4-Dimethylphenol	7.810	122	678883	73.721	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	799608	52.617	ng	100
29) 2,4-Dichlorophenol	8.016	162	623367	54.536	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	659721	52.373	ng	99
31) Naphthalene	8.186	128	1968215	49.672	ng	100
32) Benzoic acid	7.934	122	441735	54.570	ng	98
33) 4-Chloroaniline	8.228	127	209441	14.973	ng	99
34) Hexachlorobutadiene	8.298	225	430248	52.374	ng	99
35) Caprolactam	8.610	113	124060	35.600	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	680224	53.348	ng	99
37) 2-Methylnaphthalene	8.875	142	1275441	48.157	ng	99
38) 1-Methylnaphthalene	8.975	142	1309524	51.238	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	708155	48.387	ng	98
41) Hexachlorocyclopentadiene	9.028	237	1002146	174.966	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	497612	52.026	ng	99

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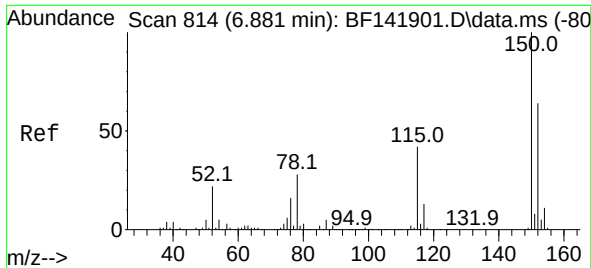
Quant Time: Mar 10 18:00:37 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	499132	51.525	ng	99
46) 1,1'-Biphenyl	9.339	154	1719033	47.066	ng	100
47) 2-Chloronaphthalene	9.363	162	1306548	47.994	ng	99
48) 2-Nitroaniline	9.457	65	414114	52.538	ng	99
49) Acenaphthylene	9.780	152	2131591	52.765	ng	99
50) Dimethylphthalate	9.645	163	1666317	49.501	ng	100
51) 2,6-Dinitrotoluene	9.704	165	359046	51.228	ng	96
52) Acenaphthene	9.951	154	1551085	54.635	ng	99
53) 3-Nitroaniline	9.869	138	170083	23.923	ng	98
54) 2,4-Dinitrophenol	9.975	184	391165	96.731	ng	# 50
55) Dibenzofuran	10.127	168	1915054	47.208	ng	100
56) 4-Nitrophenol	10.027	139	573340	106.938	ng	99
57) 2,4-Dinitrotoluene	10.110	165	492330	53.782	ng	97
58) Fluorene	10.469	166	1480049	47.311	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	430080	48.789	ng	99
60) Diethylphthalate	10.339	149	1557805	46.411	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	773805	47.445	ng	100
62) 4-Nitroaniline	10.486	138	333400	48.169	ng	99
63) Azobenzene	10.616	77	1457594	46.709	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	258662	54.913	ng	98
66) n-Nitrosodiphenylamine	10.575	169	1306247	51.086	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	518071	52.208	ng	96
68) Hexachlorobenzene	11.016	284	587628	53.992	ng	96
69) Atrazine	11.104	200	498311	63.572	ng	99
70) Pentachlorophenol	11.204	266	700539	104.469	ng	99
71) Phenanthrene	11.427	178	2127811	49.857	ng	100
72) Anthracene	11.480	178	2149035	50.191	ng	99
73) Carbazole	11.633	167	1834992	49.693	ng	99
74) Di-n-butylphthalate	11.963	149	2368601	48.342	ng	100
75) Fluoranthene	12.616	202	2179525	48.143	ng	100
77) Benzidine	12.733	184	1186709	169.453	ng	99
78) Pyrene	12.845	202	2262627	52.111	ng	100
80) Butylbenzylphthalate	13.463	149	895717	52.706	ng	100
81) Benzo(a)anthracene	14.027	228	1759395	53.415	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	212718	22.347	ng	100
83) Chrysene	14.068	228	1514957	50.740	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	1243937	53.088	ng	99
85) Di-n-octyl phthalate	14.633	149	1814905	55.667	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	1367511	52.483	ng	99
88) Benzo(b)fluoranthene	15.080	252	1279727	46.357	ng	100
89) Benzo(k)fluoranthene	15.110	252	1275222	53.979	ng	100
90) Benzo(a)pyrene	15.451	252	1182056	54.723	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	1126749	52.411	ng	99
92) Benzo(g,h,i)perylene	17.451	276	1039840	48.946	ng	99

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

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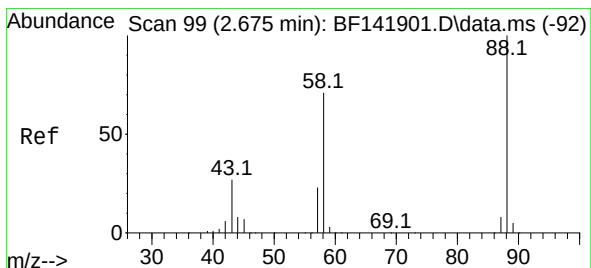
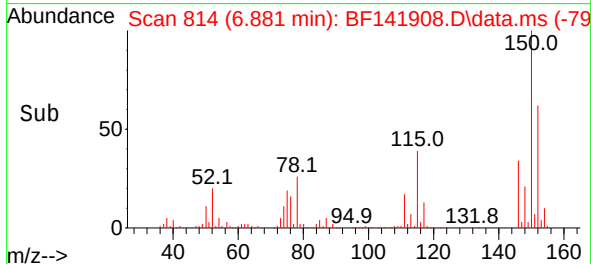
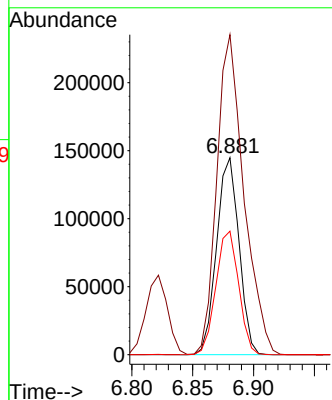
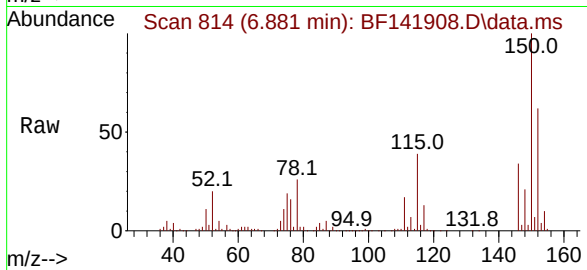




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141908.D
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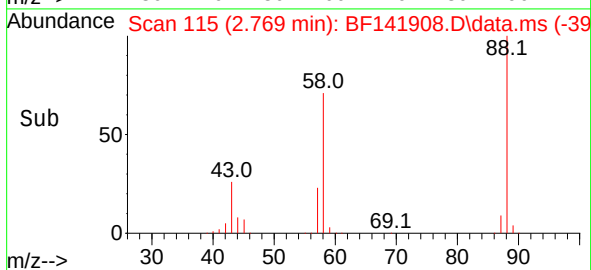
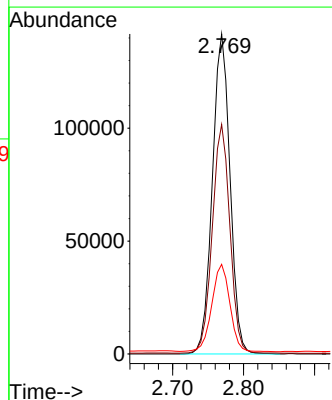
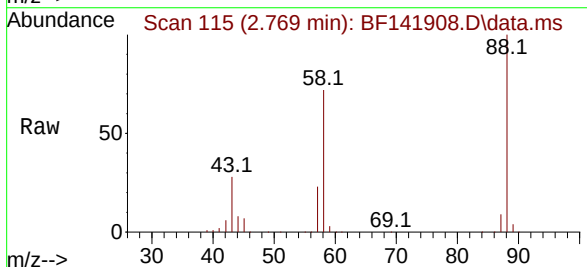
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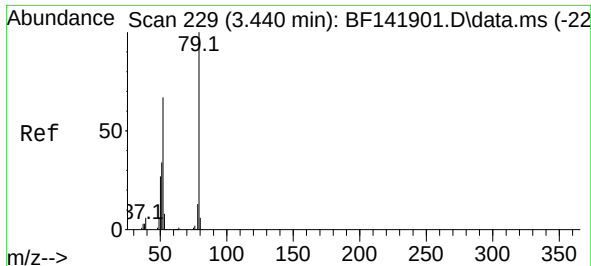
Tgt Ion:152 Resp: 185405
Ion Ratio Lower Upper
152 100
150 162.5 127.4 191.2
115 62.7 51.9 77.9



#2
1,4-Dioxane
Concen: 52.449 ng
RT: 2.769 min Scan# 115
Delta R.T. 0.094 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion: 88 Resp: 244133
Ion Ratio Lower Upper
88 100
58 71.6 57.4 86.2
43 28.1 21.5 32.3

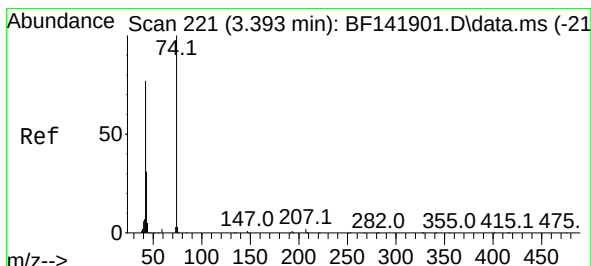
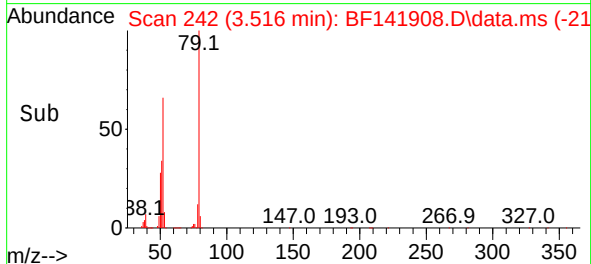
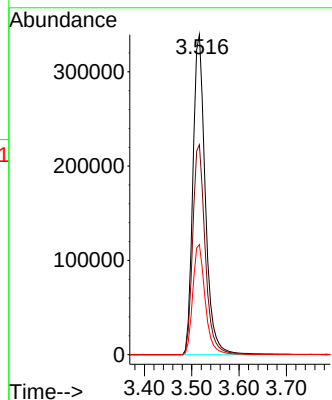
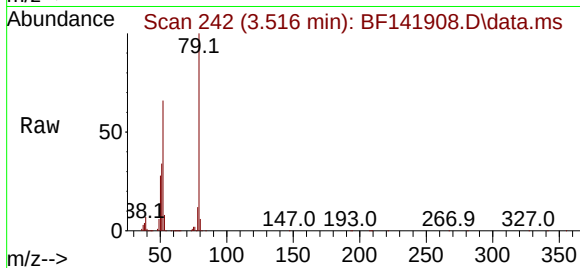




#3
Pyridine
Concen: 54.165 ng
RT: 3.516 min Scan# 242
Delta R.T. 0.076 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

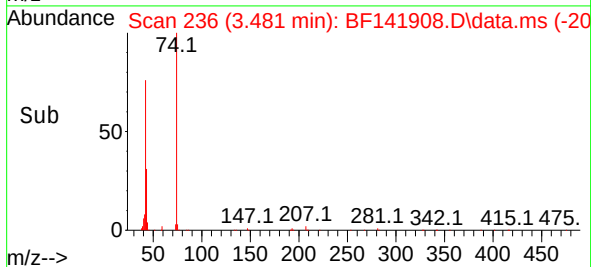
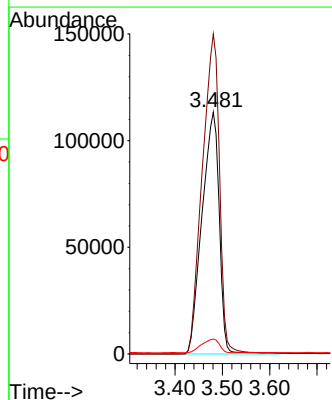
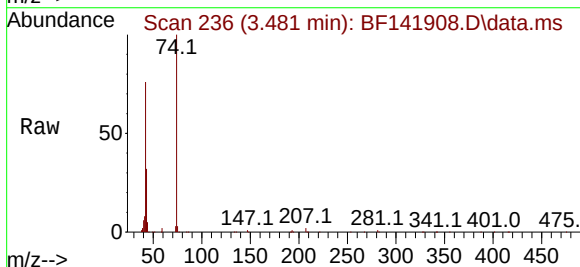
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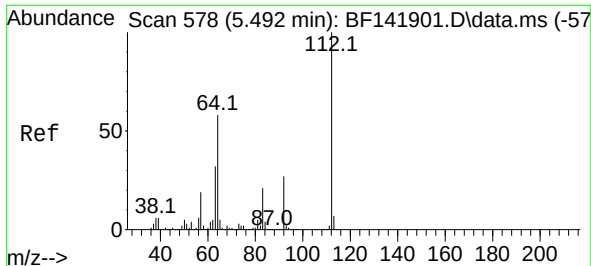
Tgt Ion: 79 Resp: 618434
Ion Ratio Lower Upper
79 100
52 65.6 53.3 79.9
51 34.4 27.6 41.4



#4
n-Nitrosodimethylamine
Concen: 52.547 ng
RT: 3.481 min Scan# 236
Delta R.T. 0.088 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion: 42 Resp: 285997
Ion Ratio Lower Upper
42 100
74 132.2 103.4 155.0
44 6.2 5.0 7.4

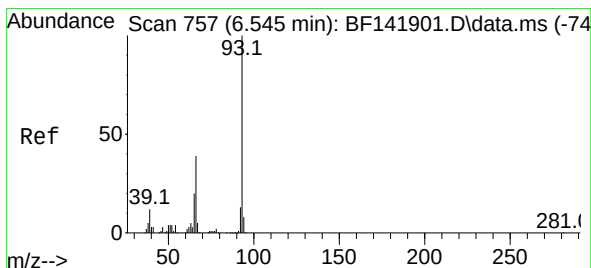
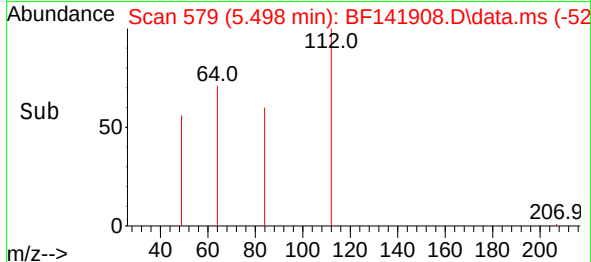
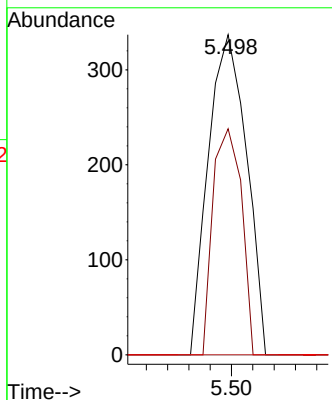
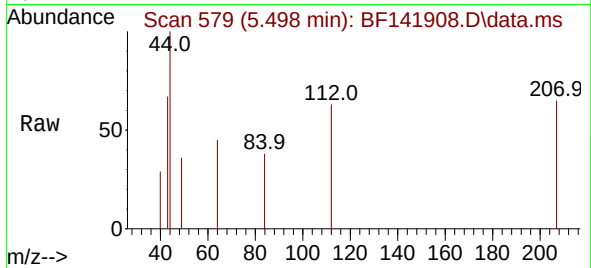




#5
2-Fluorophenol
Concen: 0.038 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

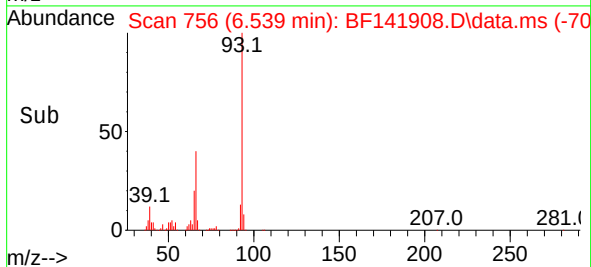
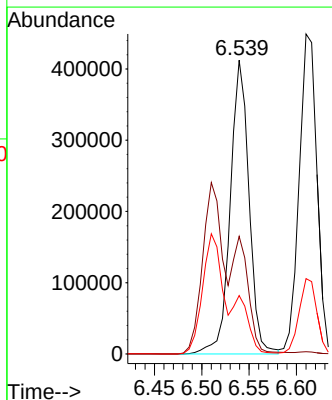
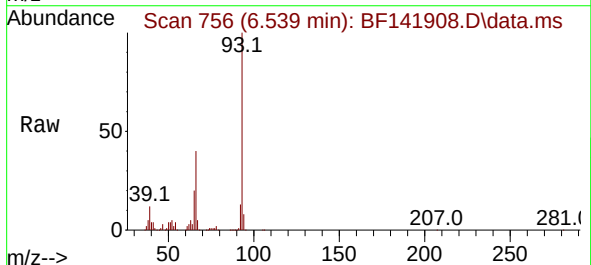
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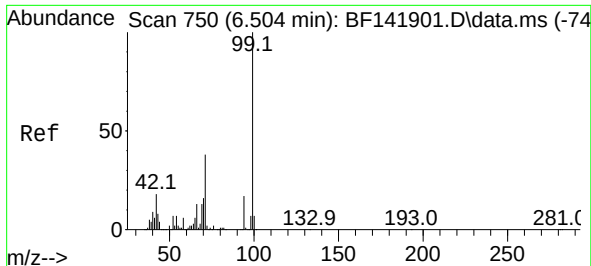
Tgt Ion:112 Resp: 421
Ion Ratio Lower Upper
112 100
64 70.6 46.5 69.7#
63 0.0 25.4 38.2#



#6
Aniline
Concen: 40.740 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion: 93 Resp: 568451
Ion Ratio Lower Upper
93 100
66 40.0 31.9 47.9
65 19.9 15.8 23.6

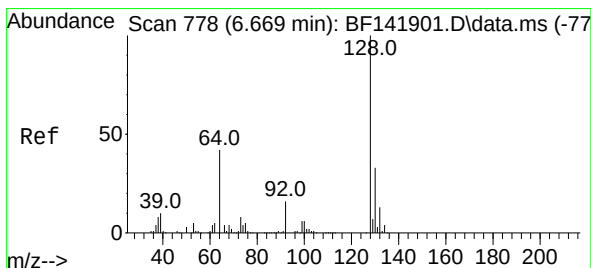
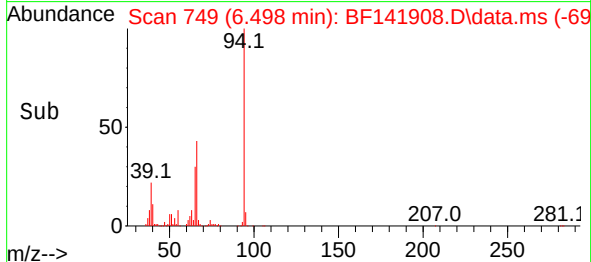
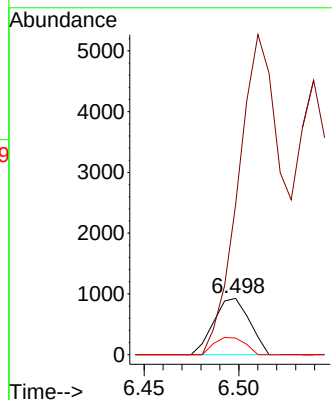
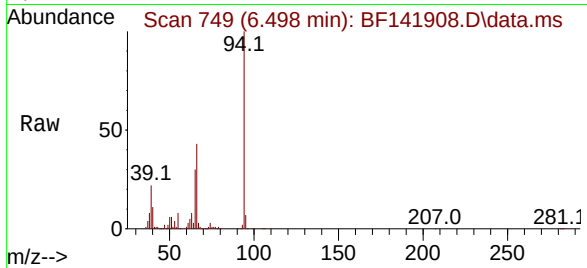




#7
Phenol-d6
Concen: 0.086 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

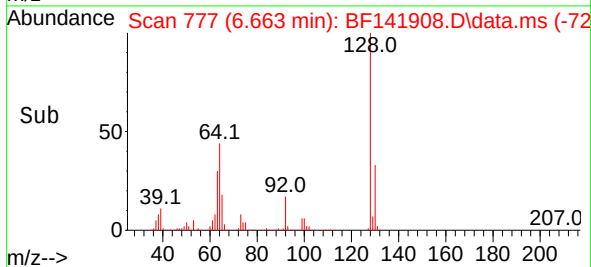
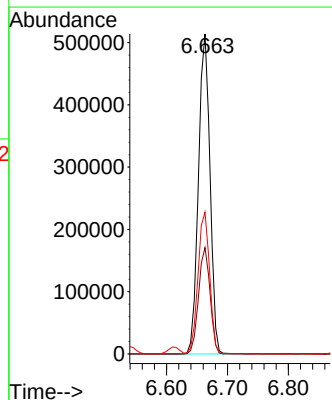
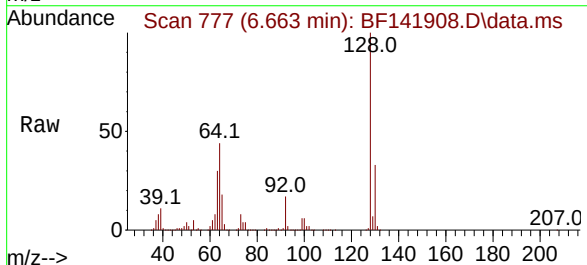
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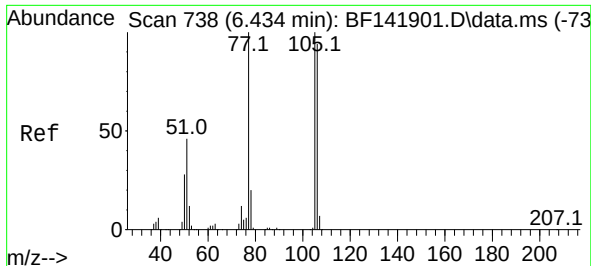
Tgt Ion: 99 Resp: 1219
Ion Ratio Lower Upper
99 100
42 265.4 14.6 21.8#
71 29.5 30.8 46.2#



#8
2-Chlorophenol
Concen: 54.832 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF141908.D
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Tgt Ion: 128 Resp: 675576
Ion Ratio Lower Upper
128 100
130 33.3 12.8 52.8
64 44.3 24.4 64.4

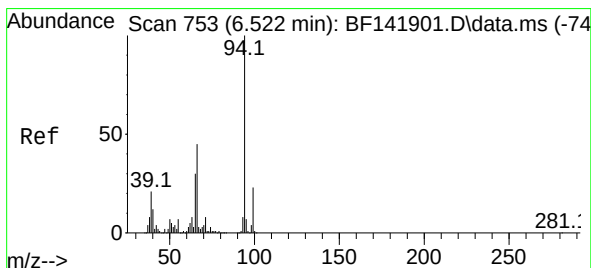
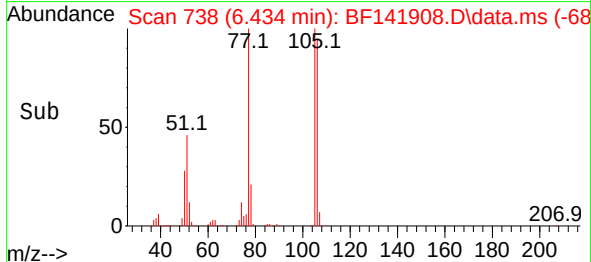
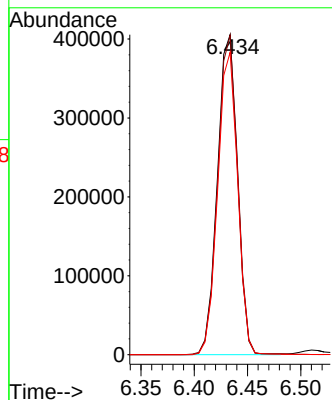
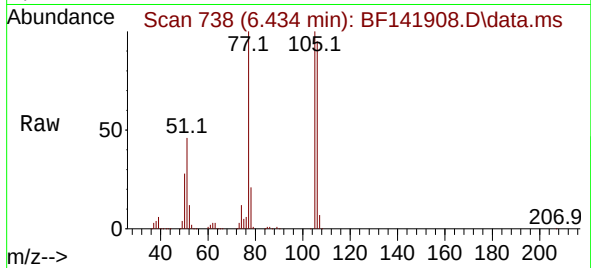




#9
Benzaldehyde
Concen: 66.943 ng
RT: 6.434 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

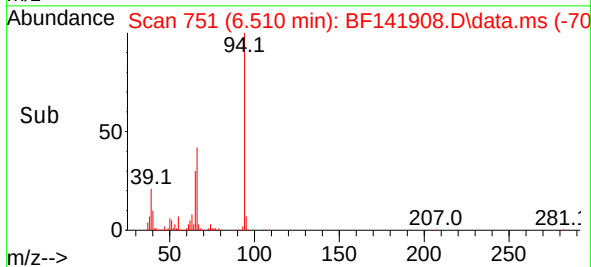
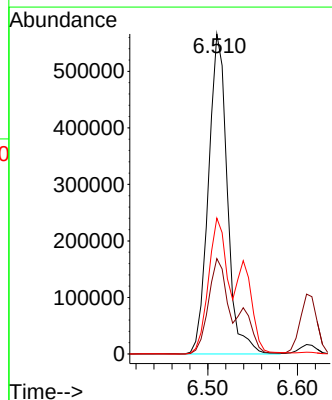
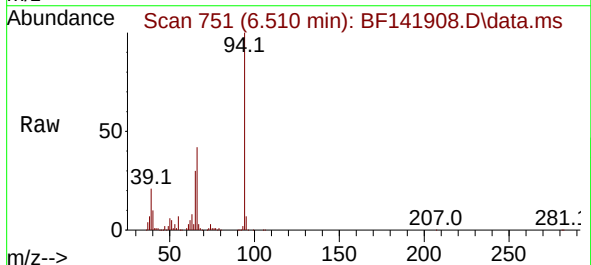
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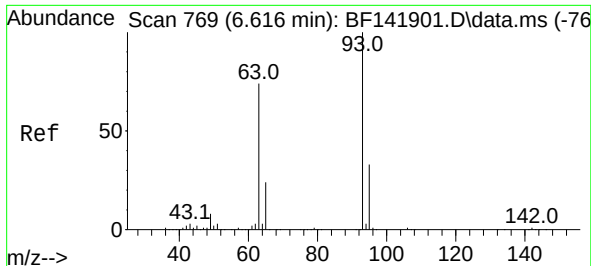
Tgt Ion: 77 Resp: 529557
Ion Ratio Lower Upper
77 100
105 99.8 80.0 120.0
106 94.5 74.5 114.5



#10
Phenol
Concen: 55.460 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF141908.D
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Tgt Ion: 94 Resp: 825248
Ion Ratio Lower Upper
94 100
65 29.8 10.5 50.5
66 42.5 25.8 65.8

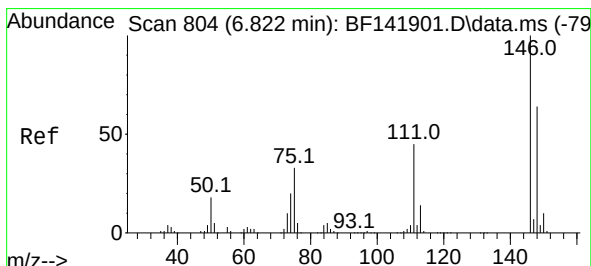
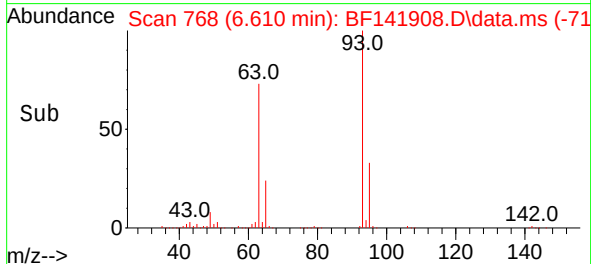
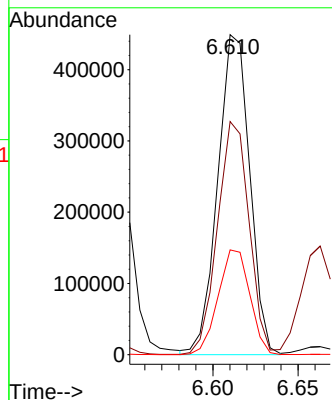
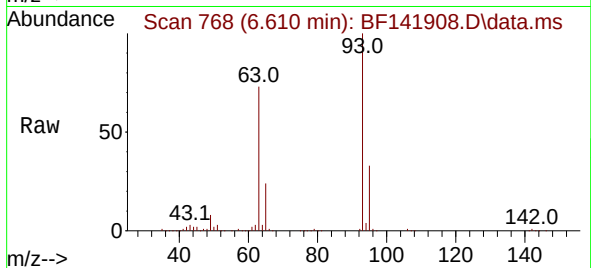




#11
bis(2-Chloroethyl)ether
Concen: 52.528 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

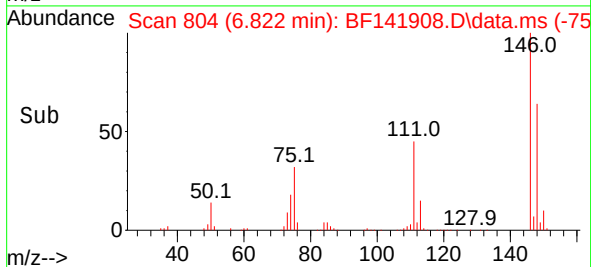
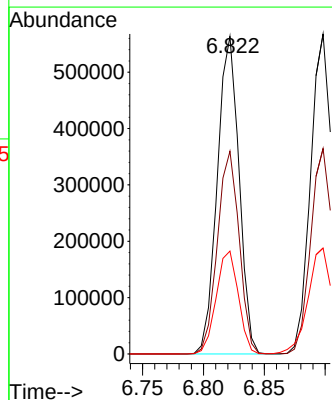
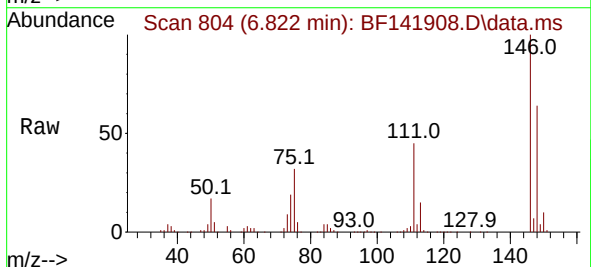
Instrument :
BNA_F
ClientSampleId :
SP6752

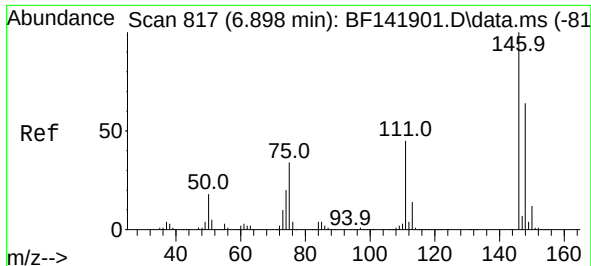
Tgt Ion: 93 Resp: 586909
Ion Ratio Lower Upper
93 100
63 72.9 53.0 93.0
95 32.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 52.731 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion:146 Resp: 701404
Ion Ratio Lower Upper
146 100
148 63.9 51.3 76.9
75 32.4 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 52.437 ng

RT: 6.898 min Scan# 817

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

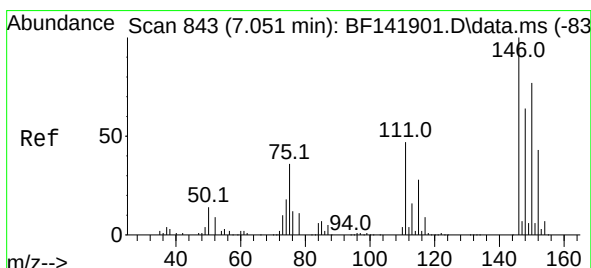
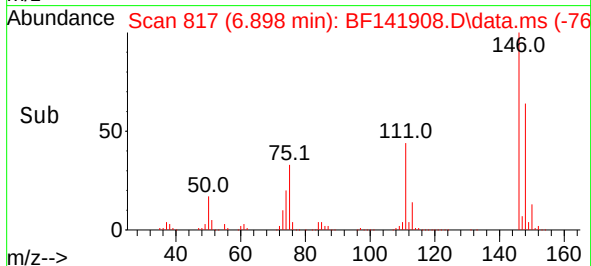
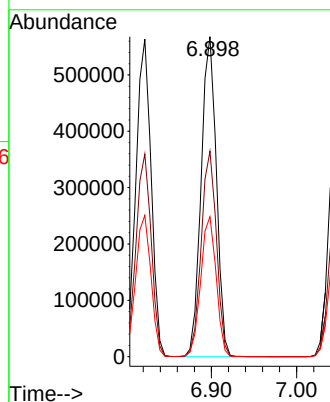
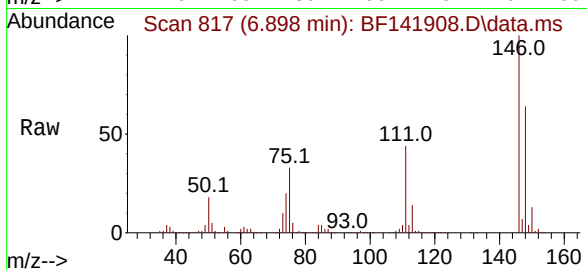
Tgt Ion:146 Resp: 705711

Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.6

111 43.7 35.7 53.5



#14

1,2-Dichlorobenzene

Concen: 53.672 ng

RT: 7.051 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

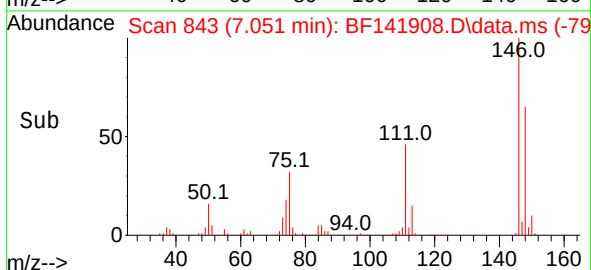
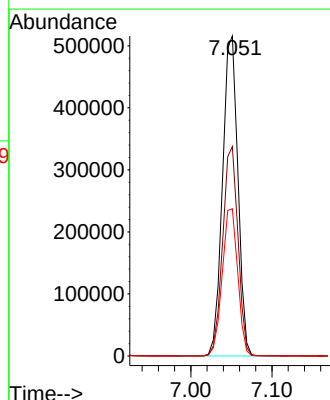
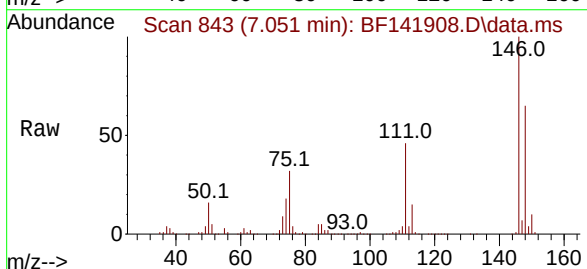
Tgt Ion:146 Resp: 680366

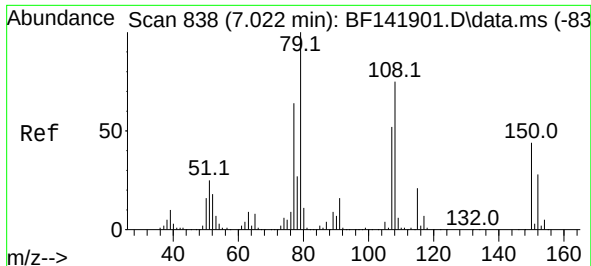
Ion Ratio Lower Upper

146 100

148 65.5 50.8 76.2

111 46.0 38.0 57.0





#15

Benzyl Alcohol

Concen: 52.976 ng

RT: 7.016 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

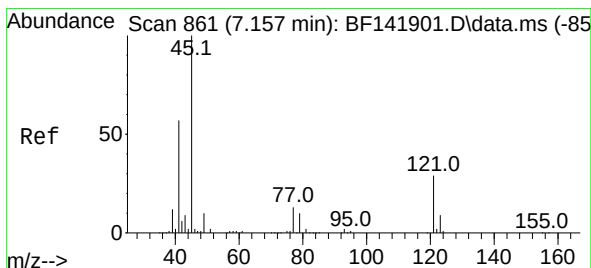
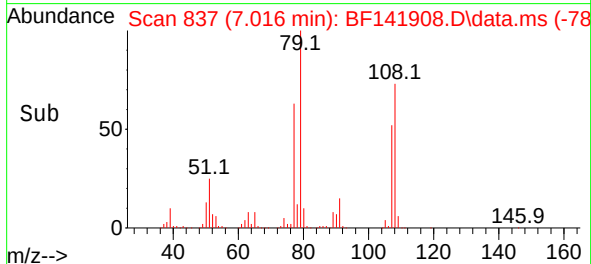
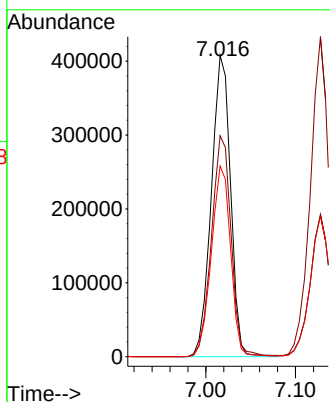
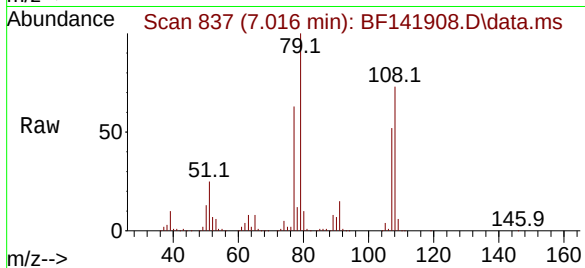
Tgt Ion: 79 Resp: 605767

Ion Ratio Lower Upper

79 100

108 73.4 59.7 89.5

77 63.3 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.601 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

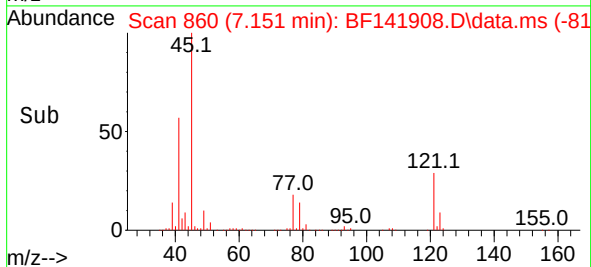
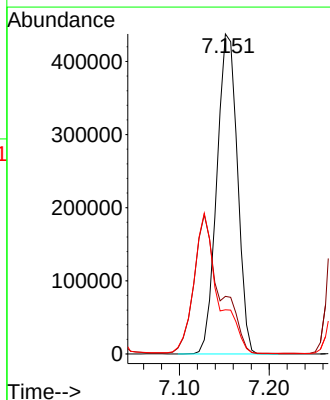
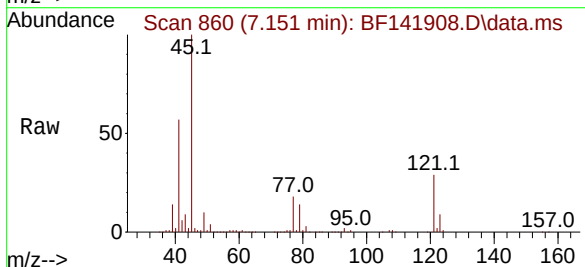
Tgt Ion: 45 Resp: 696059

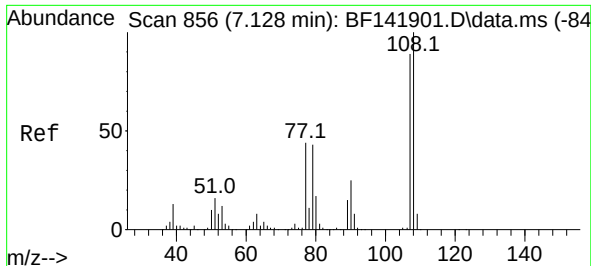
Ion Ratio Lower Upper

45 100

77 18.0 0.0 37.8

79 13.8 0.0 34.2

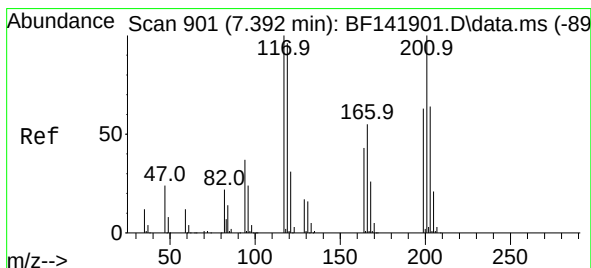
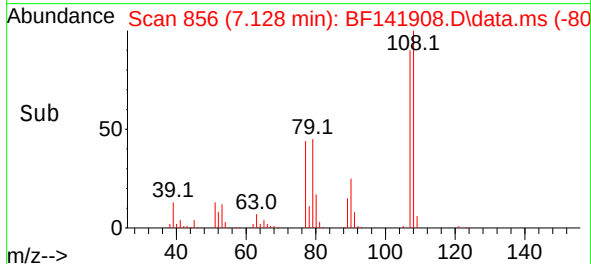
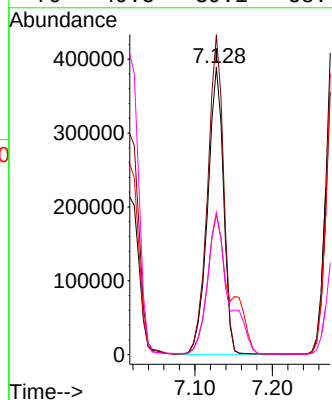
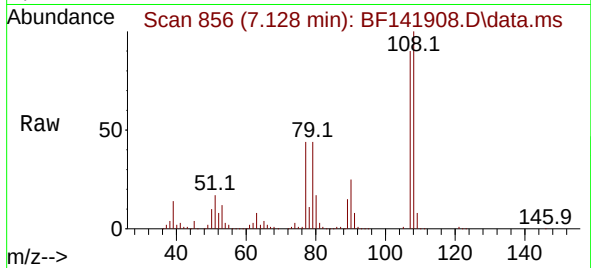




#17
2-Methylphenol
Concen: 56.241 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

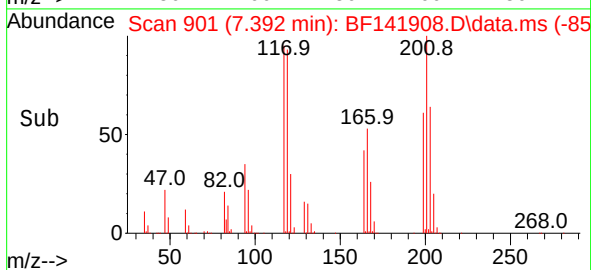
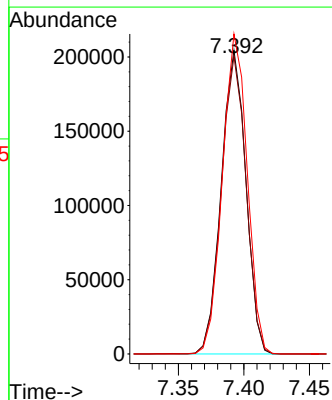
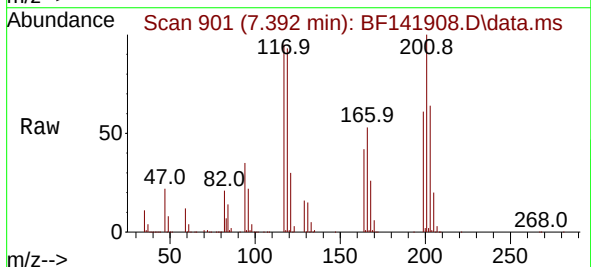
Instrument :
BNA_F
ClientSampleId :
SP6752

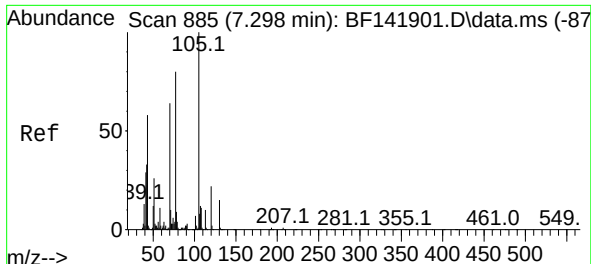
Tgt Ion:	107	Resp:	550955
Ion	Ratio	Lower	Upper
107	100		
108	111.4	90.2	135.2
77	49.0	39.6	59.4
79	49.5	39.1	58.7



#18
Hexachloroethane
Concen: 52.913 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion:	117	Resp:	267040
Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.9	115.3
201	105.4	79.9	119.9





#19

n-Nitroso-di-n-propylamine

Concen: 50.938 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

Tgt Ion: 70 Resp: 462946

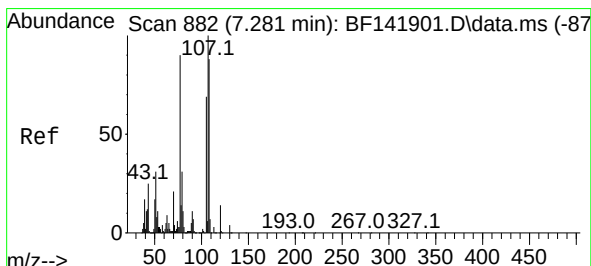
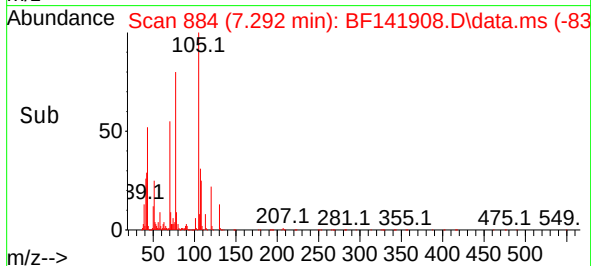
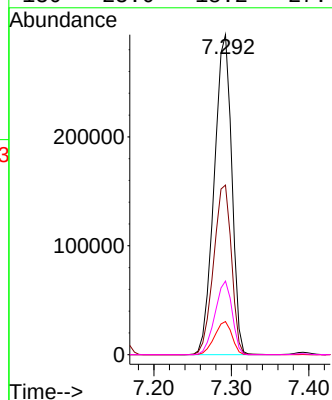
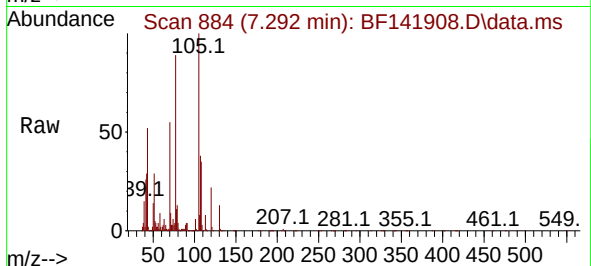
Ion Ratio Lower Upper

70 100

42 53.0 41.4 62.0

101 10.4 8.2 12.2

130 23.0 18.2 27.4



#20

3+4-Methylphenols

Concen: 54.291 ng

RT: 7.281 min Scan# 882

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Tgt Ion:107 Resp: 681231

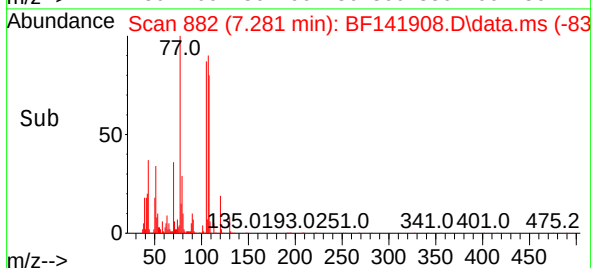
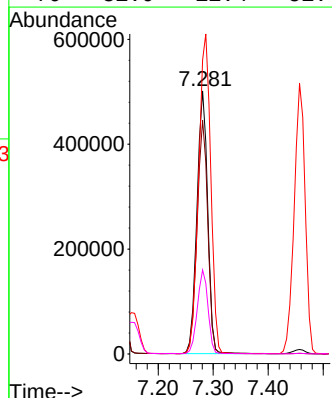
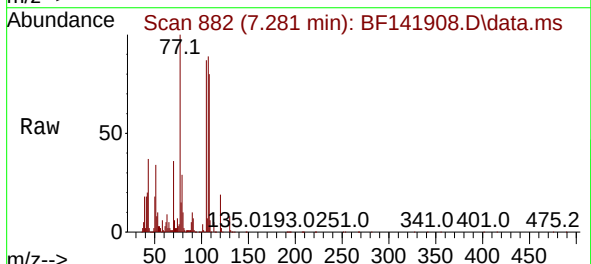
Ion Ratio Lower Upper

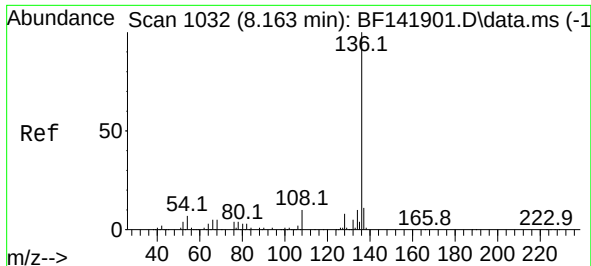
107 100

108 88.9 68.4 108.4

77 111.8 69.7 109.7#

79 31.9 11.4 51.4



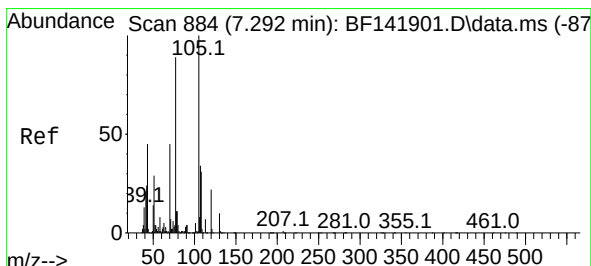
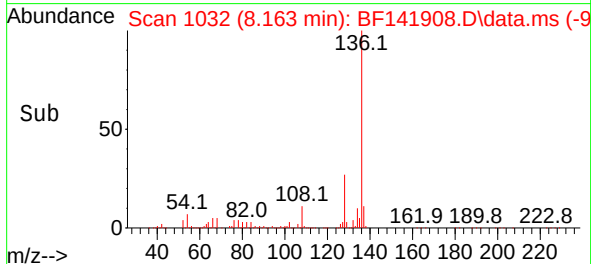
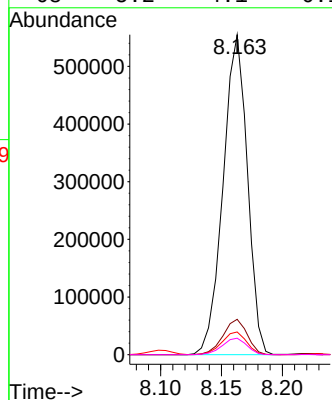
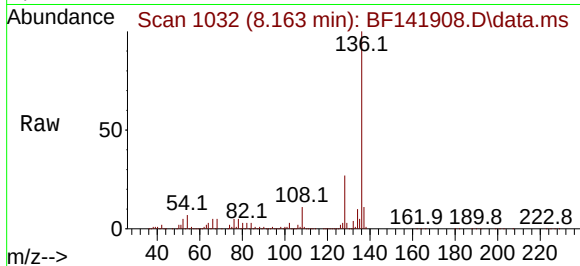


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Instrument :
BNA_F
ClientSampleId :
SP6752

Tgt Ion:136 Resp: 771371

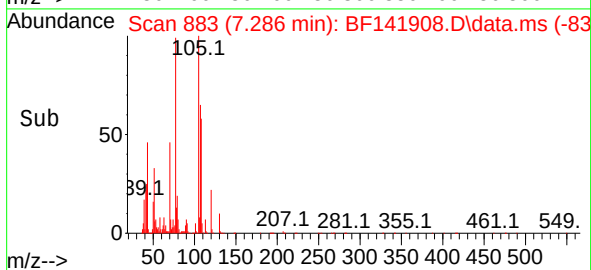
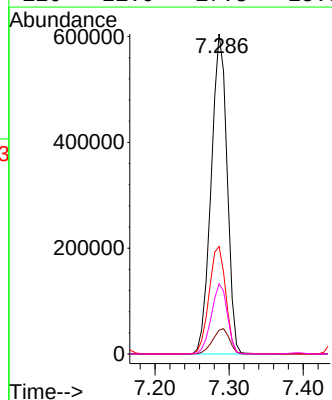
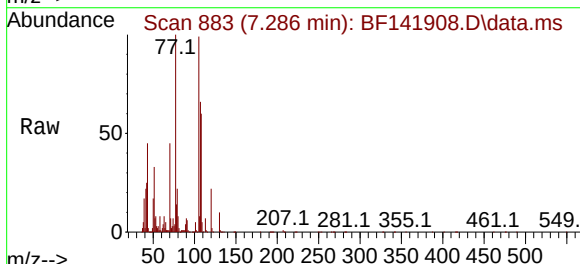
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.1	5.8	8.8
68	5.2	4.1	6.1

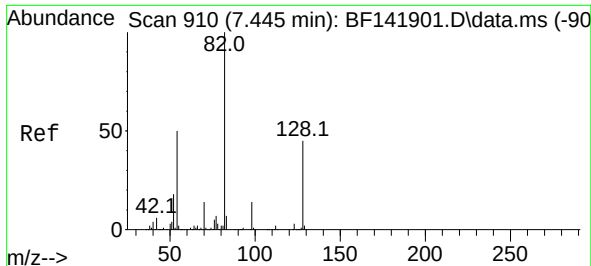


#22
Acetophenone
Concen: 48.803 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion:105 Resp: 901514

Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.8	8.8
51	33.6	23.4	35.0
120	21.9	17.3	25.9





#23

Nitrobenzene-d5

Concen: 4.365 ng

RT: 7.392 min Scan# 90

Delta R.T. -0.053 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

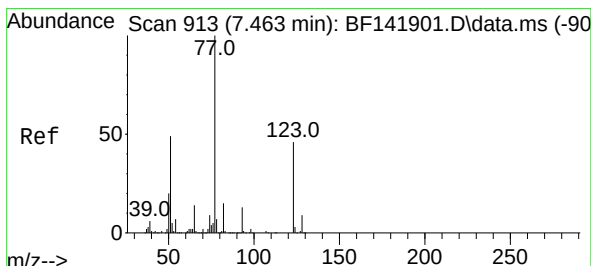
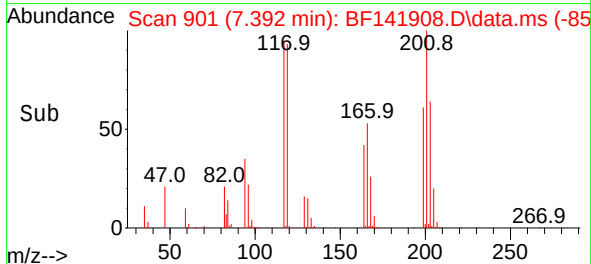
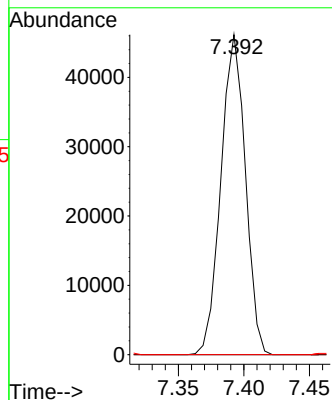
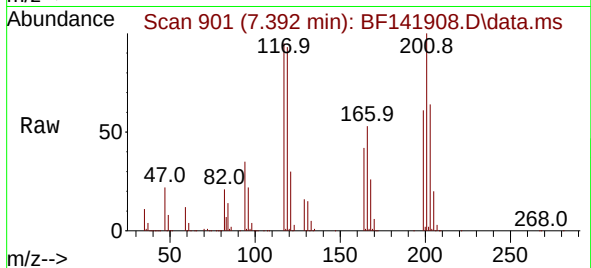
Tgt Ion: 82 Resp: 59837

Ion Ratio Lower Upper

82 100

128 0.0 36.0 54.0#

54 0.0 39.6 59.4#



#24

Nitrobenzene

Concen: 52.554 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

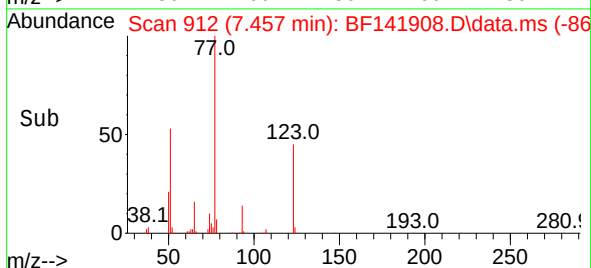
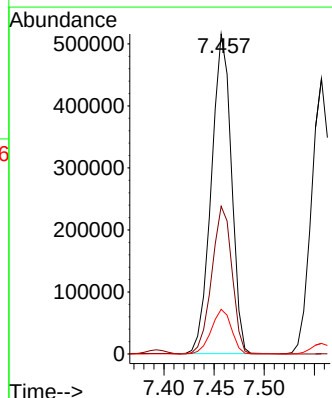
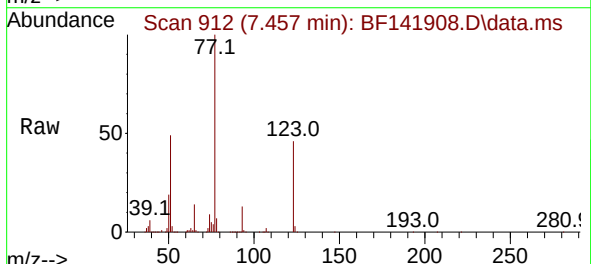
Tgt Ion: 77 Resp: 716114

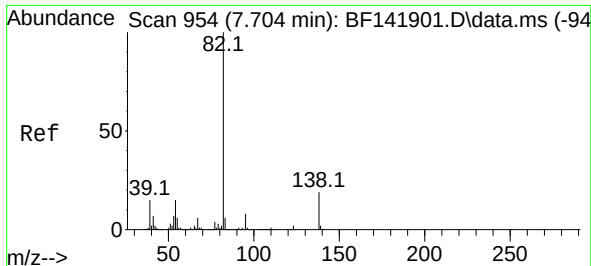
Ion Ratio Lower Upper

77 100

123 46.1 37.0 55.4

65 13.9 11.3 16.9





#25

Isophorone

Concen: 55.897 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

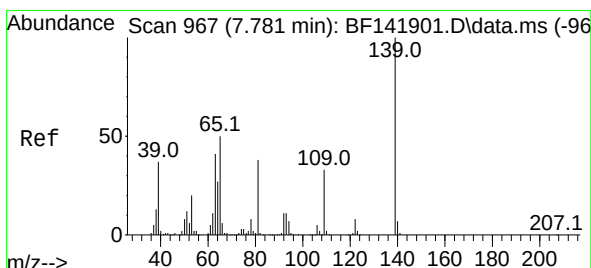
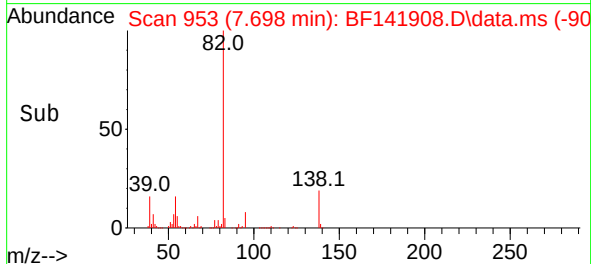
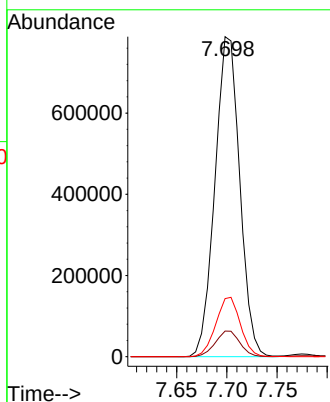
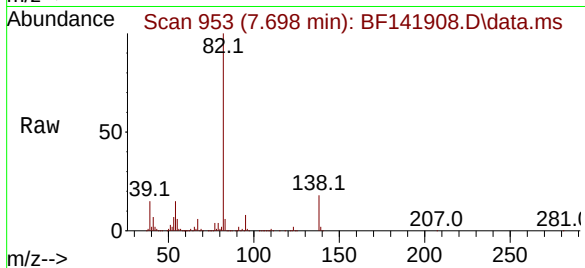
BNA_F

ClientSampleId :

SP6752

Tgt Ion: 82 Resp: 1354353

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.4	9.6
138	18.1	14.9	22.3



#26

2-Nitrophenol

Concen: 55.187 ng

RT: 7.775 min Scan# 966

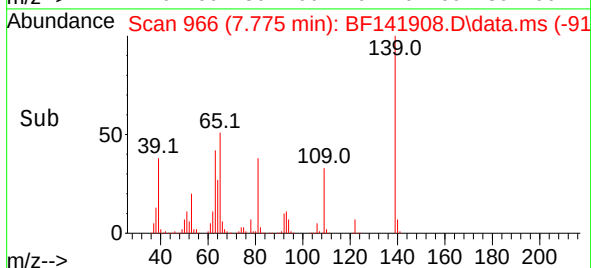
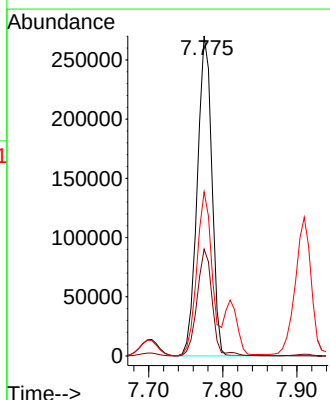
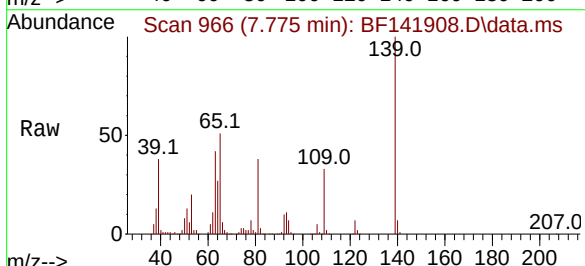
Delta R.T. -0.006 min

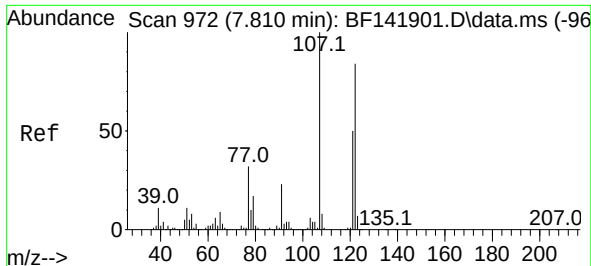
Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Tgt Ion:139 Resp: 369084

Ion	Ratio	Lower	Upper
139	100		
109	33.4	26.5	39.7
65	51.3	40.3	60.5

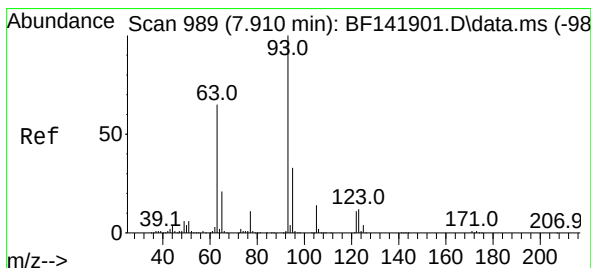
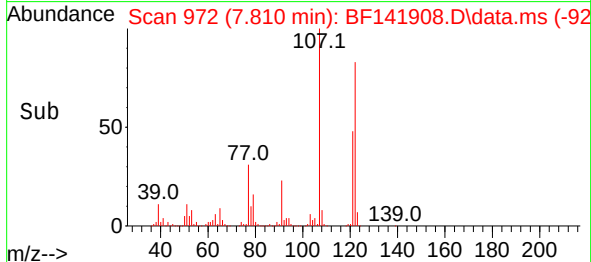
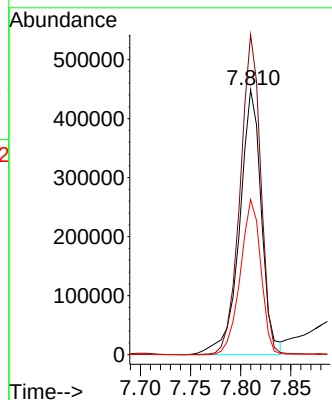
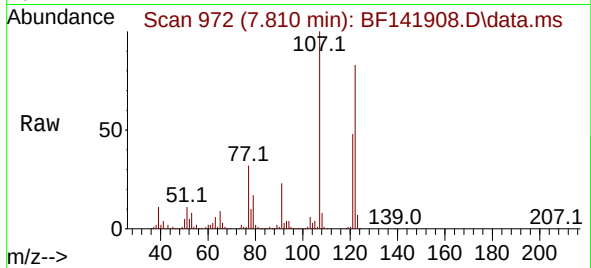




#27
2,4-Dimethylphenol
Concen: 73.721 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

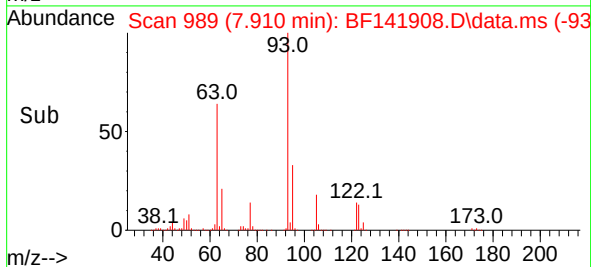
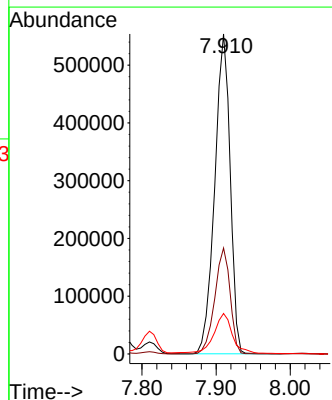
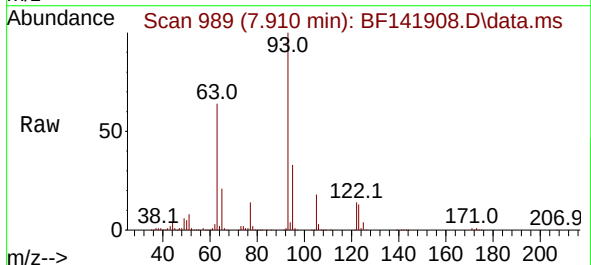
Instrument :
BNA_F
ClientSampleId :
SP6752

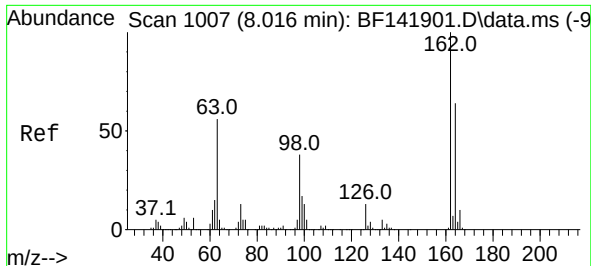
Tgt Ion:122 Resp: 678883
Ion Ratio Lower Upper
122 100
107 120.8 94.8 142.2
121 58.5 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 52.617 ng
RT: 7.910 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion: 93 Resp: 799608
Ion Ratio Lower Upper
93 100
95 33.1 26.6 40.0
123 12.7 10.2 15.4

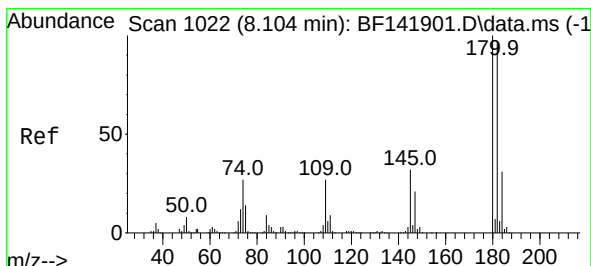
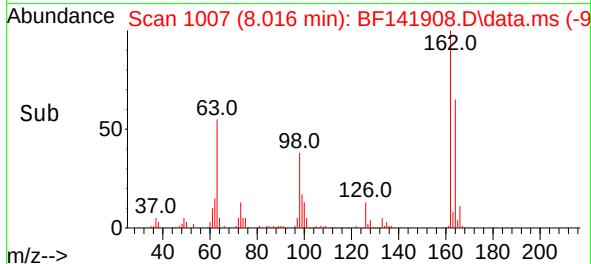
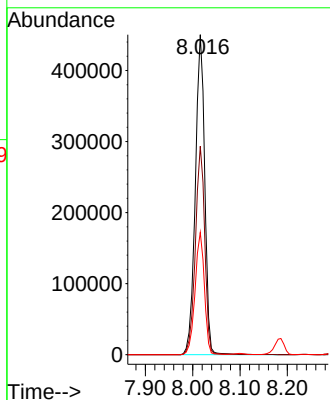
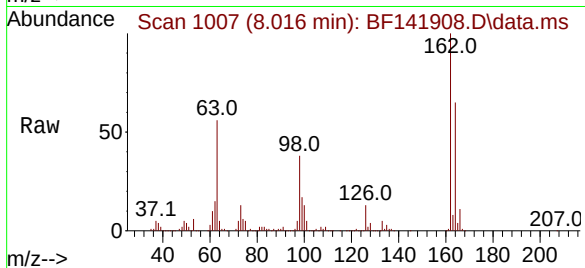




#29
2,4-Dichlorophenol
Concen: 54.536 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

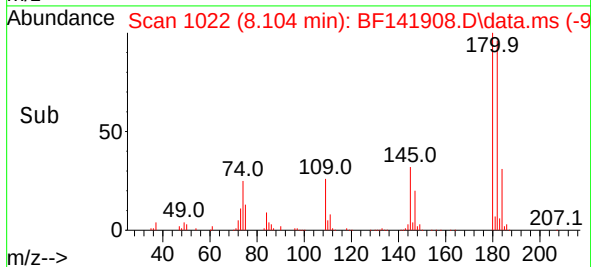
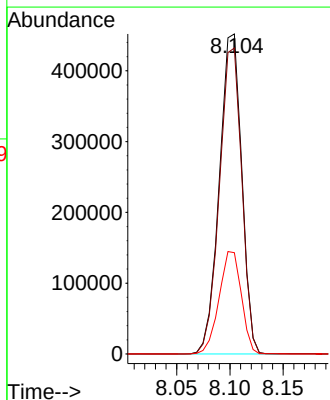
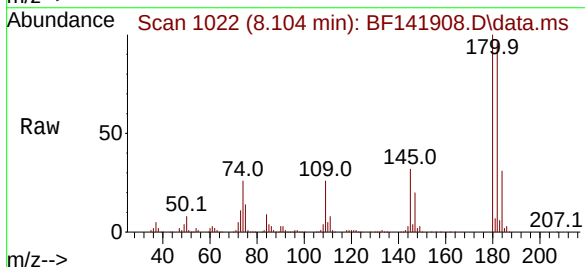
Instrument :
BNA_F
ClientSampleId :
SP6752

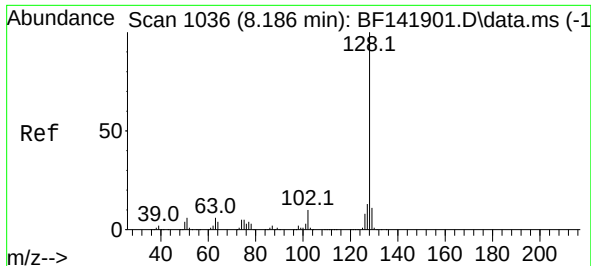
Tgt Ion:162 Resp: 623367
Ion Ratio Lower Upper
162 100
164 65.1 43.8 83.8
98 38.2 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 52.373 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion:180 Resp: 659721
Ion Ratio Lower Upper
180 100
182 95.6 77.5 116.3
145 31.7 25.8 38.6

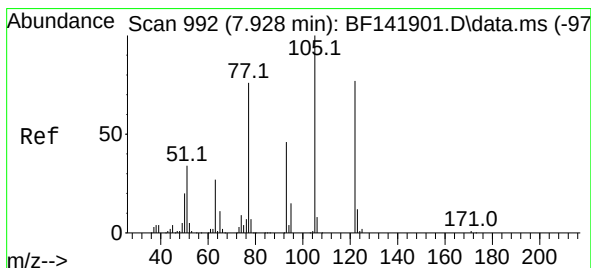
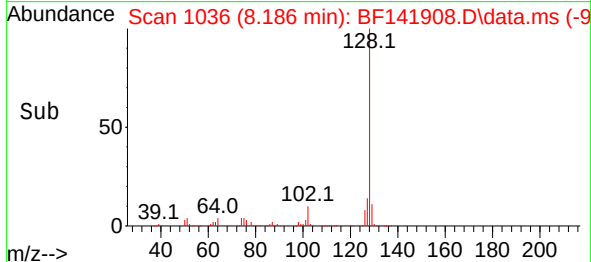
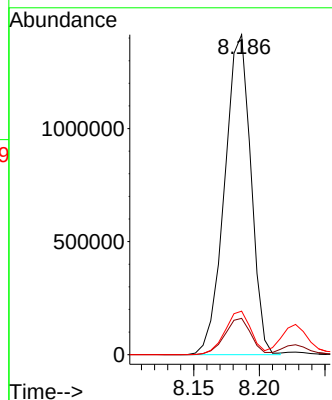
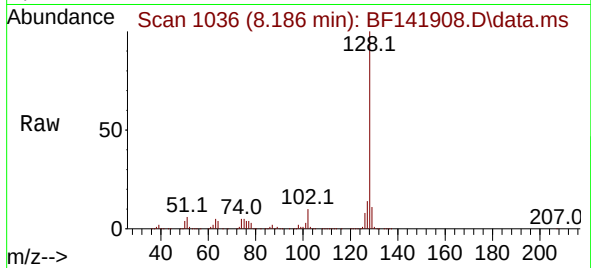




#31
Naphthalene
Concen: 49.672 ng
RT: 8.186 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

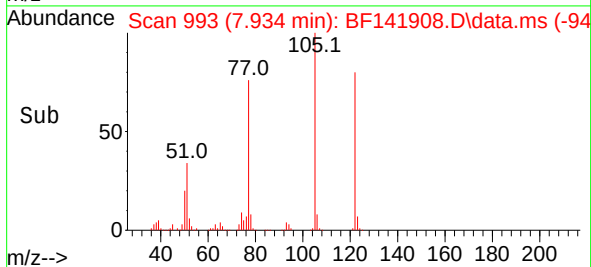
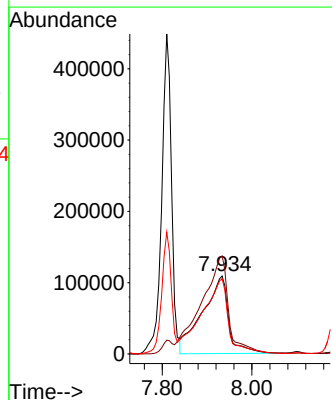
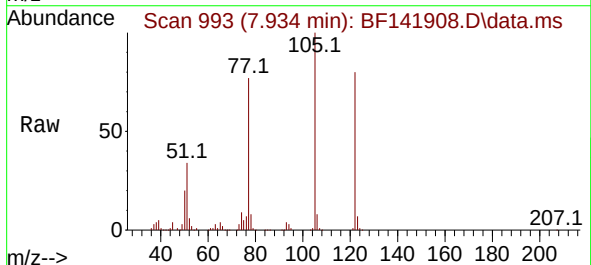
Instrument :
BNA_F
ClientSampleId :
SP6752

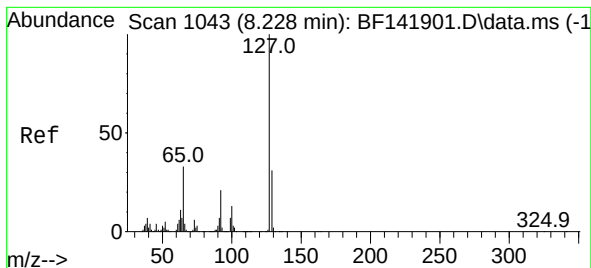
Tgt Ion:128 Resp: 1968215
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 54.570 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion:122 Resp: 441735
Ion Ratio Lower Upper
122 100
105 125.7 107.9 147.9
77 96.6 79.0 119.0





#33

4-Chloroaniline

Concen: 14.973 ng

RT: 8.228 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

Tgt Ion:127 Resp: 209441

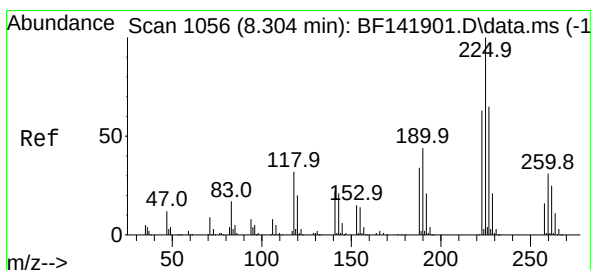
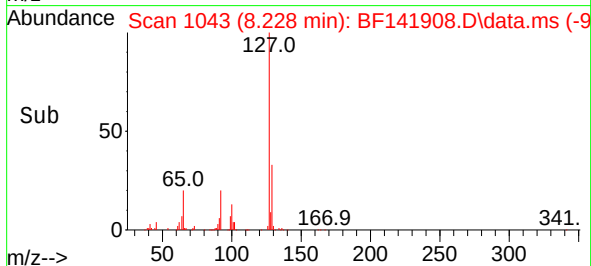
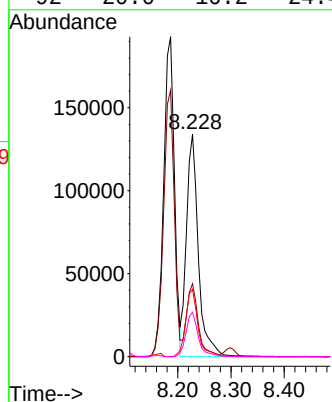
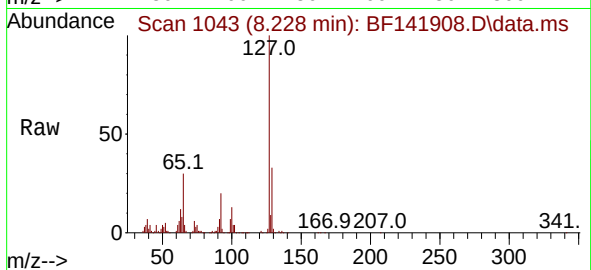
Ion Ratio Lower Upper

127 100

129 32.9 26.2 39.4

65 30.3 25.4 38.2

92 20.0 16.2 24.4



#34

Hexachlorobutadiene

Concen: 52.374 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.006 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

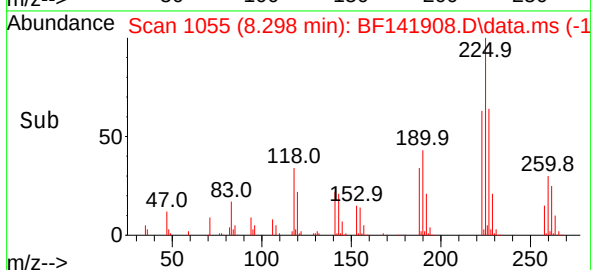
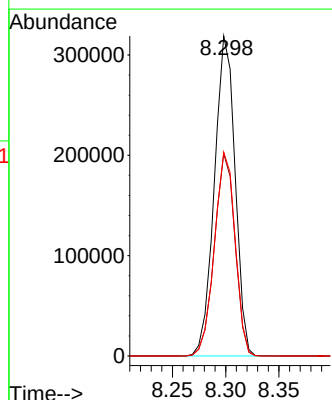
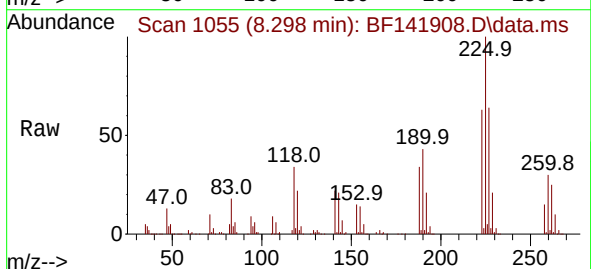
Tgt Ion:225 Resp: 430248

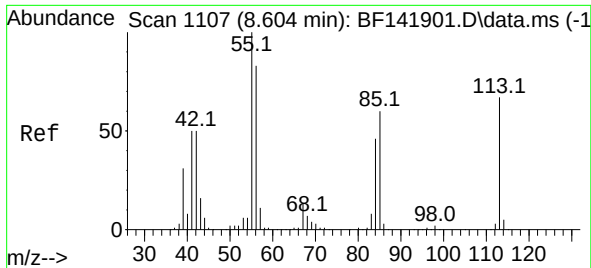
Ion Ratio Lower Upper

225 100

223 63.1 50.6 75.8

227 63.8 52.2 78.2





#35

Caprolactam

Concen: 35.600 ng

RT: 8.610 min Scan# 1108

Delta R.T. 0.006 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

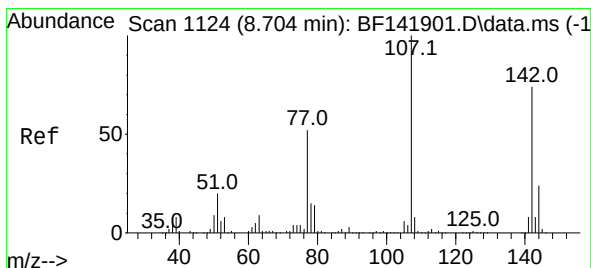
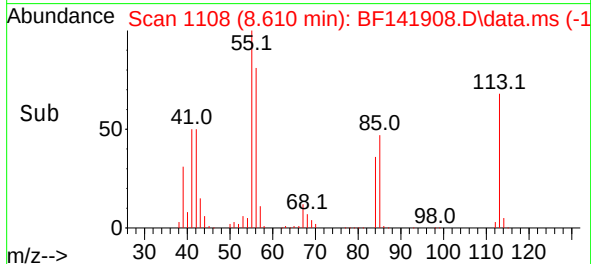
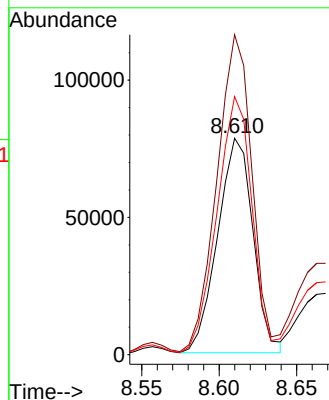
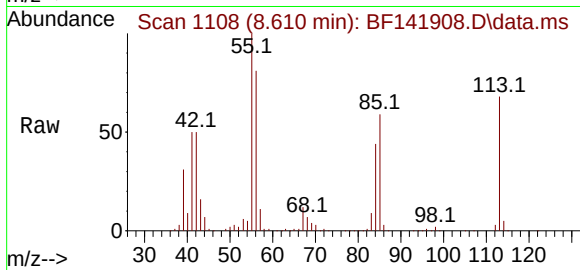
Tgt Ion:113 Resp: 124060

Ion Ratio Lower Upper

113 100

55 147.8 129.6 169.6

56 119.2 104.0 144.0



#36

4-Chloro-3-methylphenol

Concen: 53.348 ng

RT: 8.710 min Scan# 1125

Delta R.T. 0.006 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

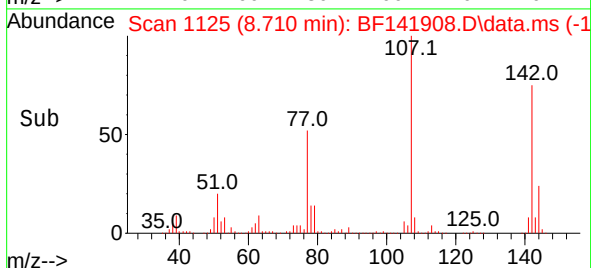
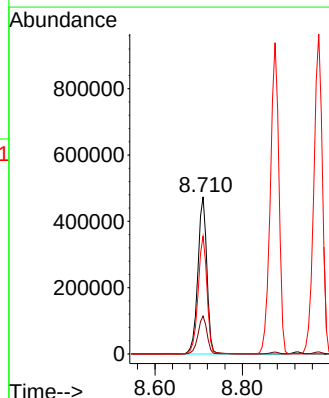
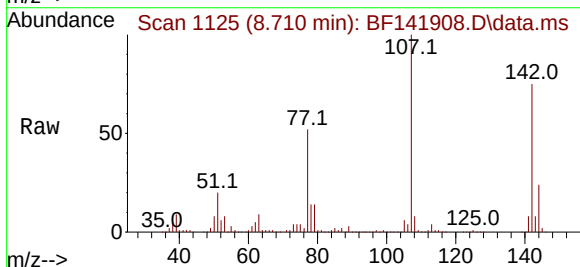
Tgt Ion:107 Resp: 680224

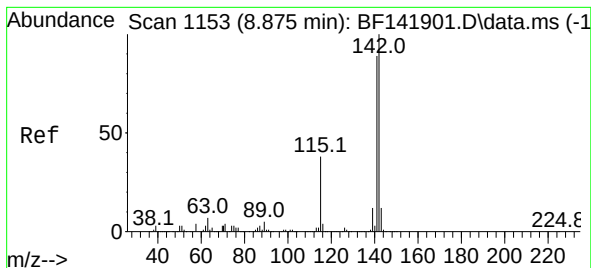
Ion Ratio Lower Upper

107 100

144 24.1 19.0 28.6

142 74.9 59.2 88.8





#37

2-Methylnaphthalene

Concen: 48.157 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

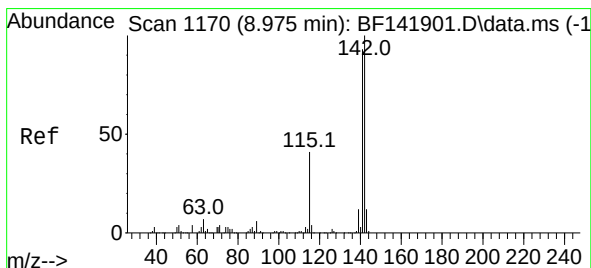
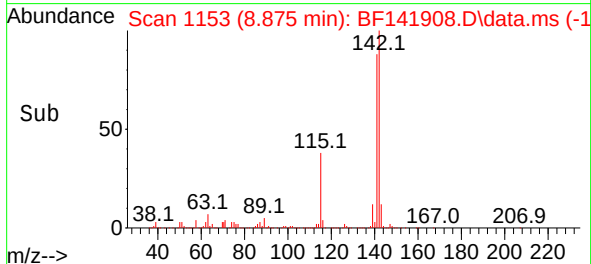
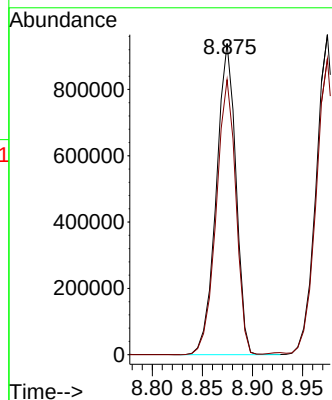
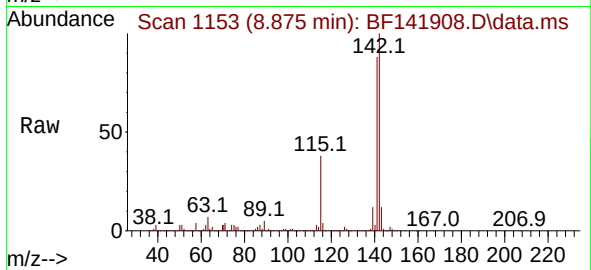
SP6752

Tgt Ion:142 Resp: 1275441

Ion Ratio Lower Upper

142 100

141 88.4 71.2 106.8



#38

1-Methylnaphthalene

Concen: 51.238 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF141908.D

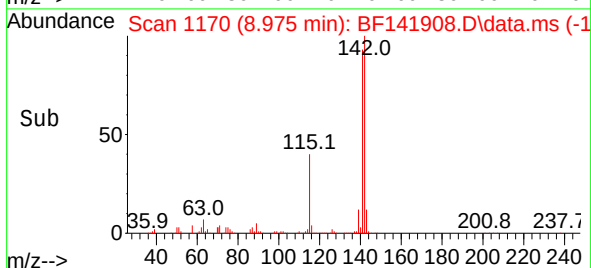
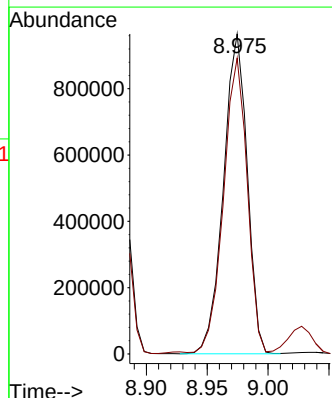
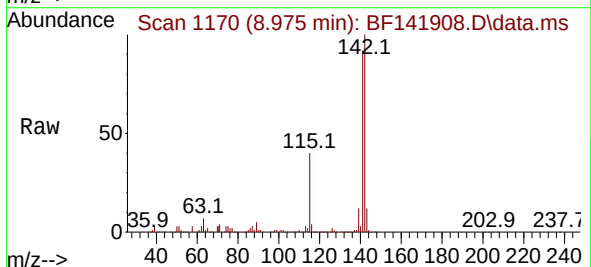
Acq: 10 Mar 2025 17:39

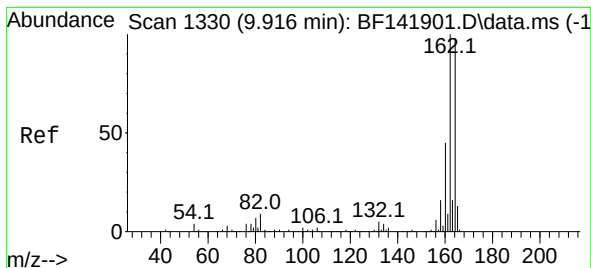
Tgt Ion:142 Resp: 1309524

Ion Ratio Lower Upper

142 100

141 92.4 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

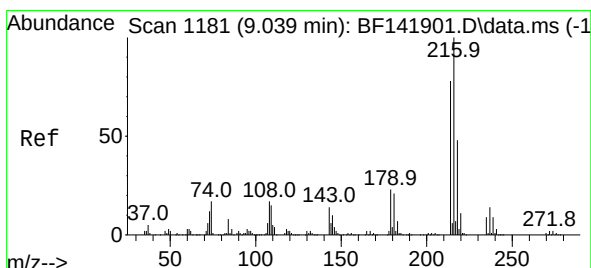
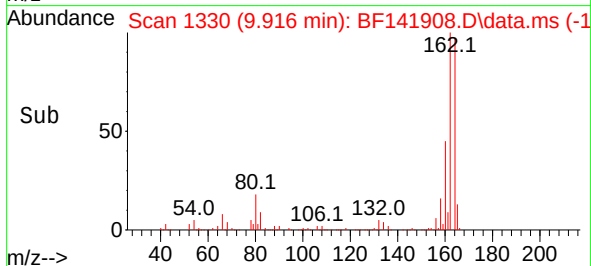
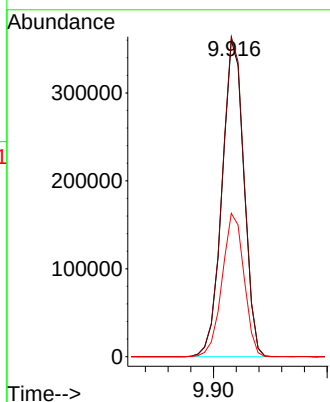
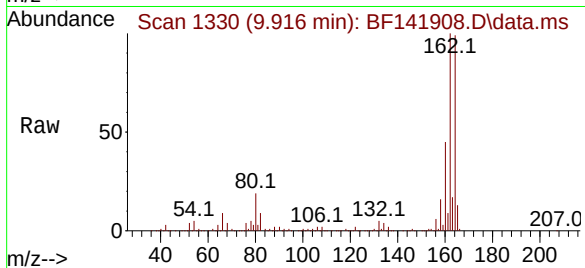
Tgt Ion:164 Resp: 480697

Ion Ratio Lower Upper

164 100

162 101.1 81.8 122.6

160 45.3 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.387 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Tgt Ion:216 Resp: 708155

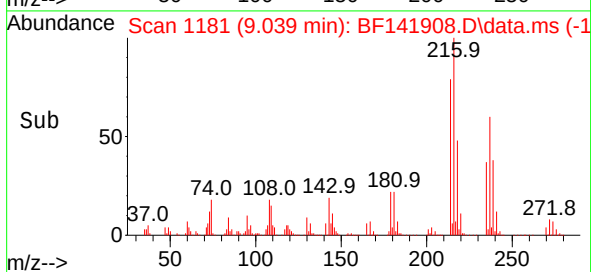
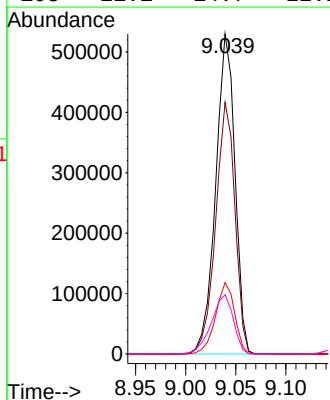
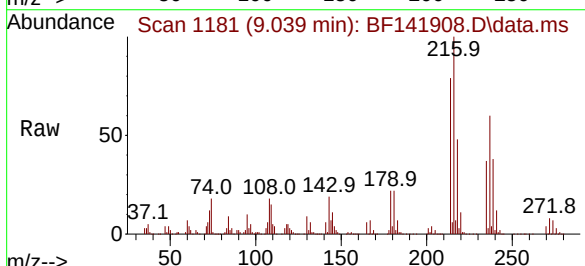
Ion Ratio Lower Upper

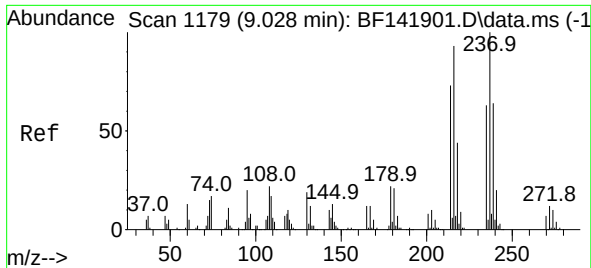
216 100

214 78.6 61.9 92.9

179 22.1 18.1 27.1

108 21.1 14.7 22.1

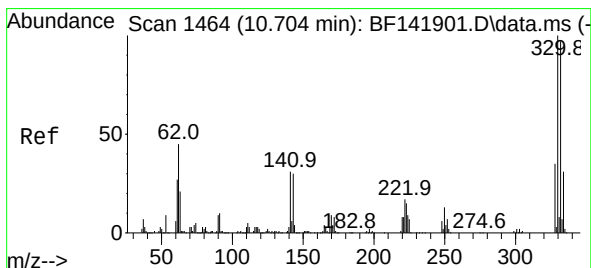
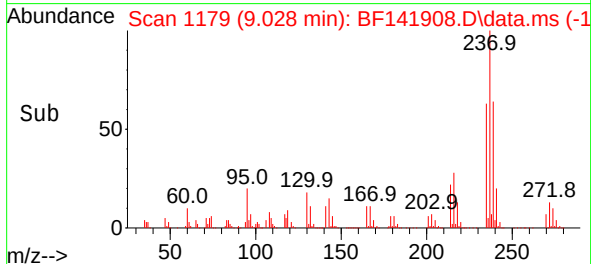
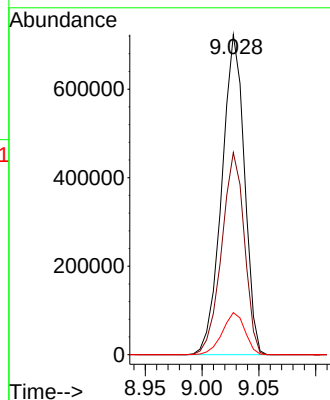
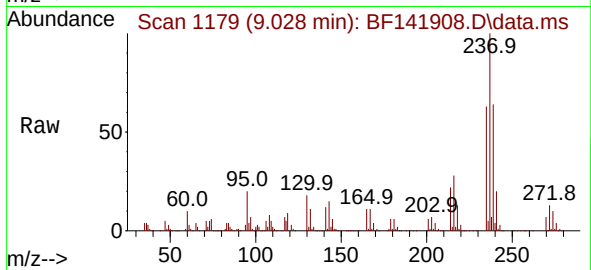




#41
Hexachlorocyclopentadiene
Concen: 174.966 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

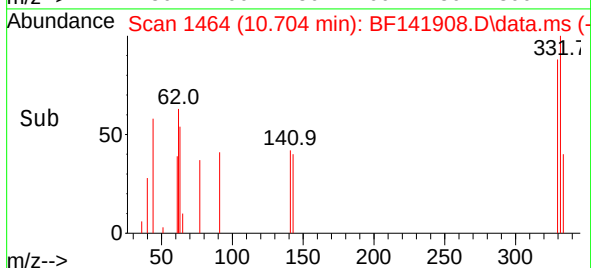
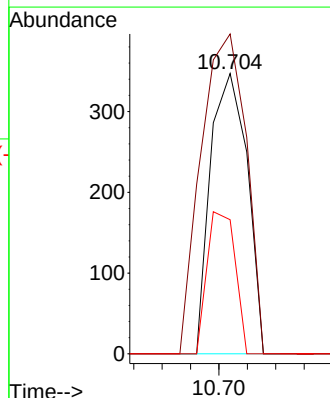
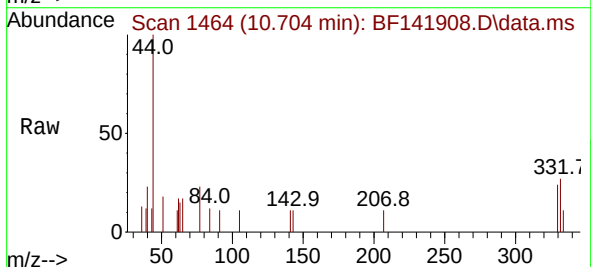
Instrument :
BNA_F
ClientSampleId :
SP6752

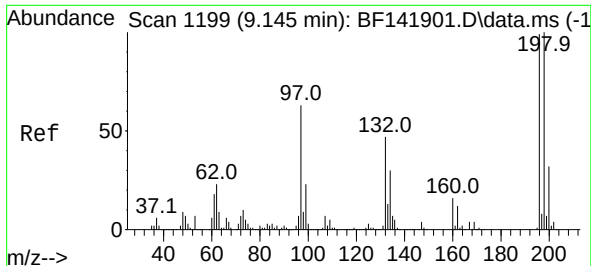
Tgt Ion:237 Resp: 1002146
Ion Ratio Lower Upper
237 100
235 63.2 43.1 83.1
272 13.2 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 0.051 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion:330 Resp: 312
Ion Ratio Lower Upper
330 100
332 140.1 77.6 116.4#
141 0.0 24.7 37.1#





#43

2,4,6-Trichlorophenol

Concen: 52.026 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

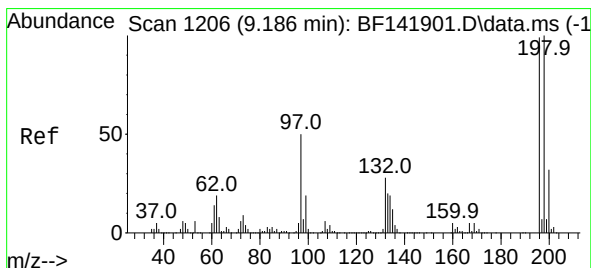
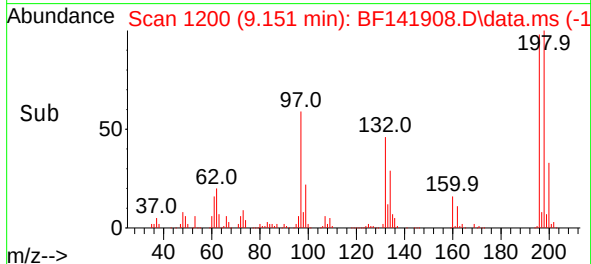
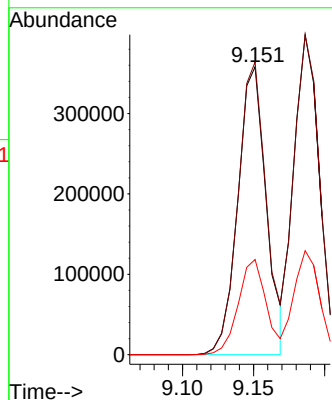
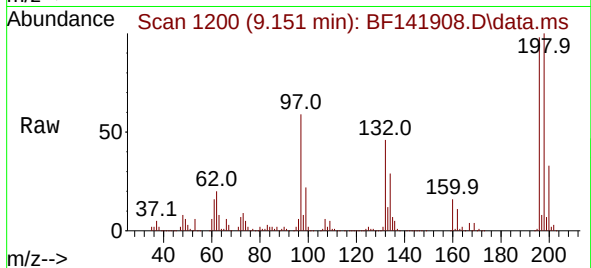
Tgt Ion:196 Resp: 497612

Ion Ratio Lower Upper

196 100

198 101.6 80.6 121.0

200 33.1 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 51.525 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Tgt Ion:196 Resp: 499132

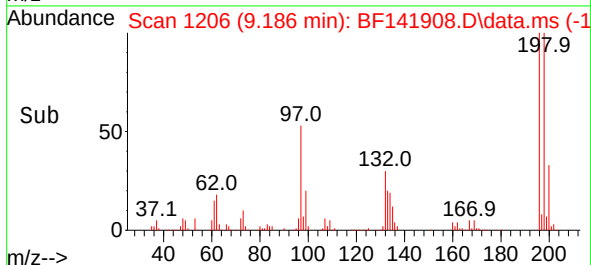
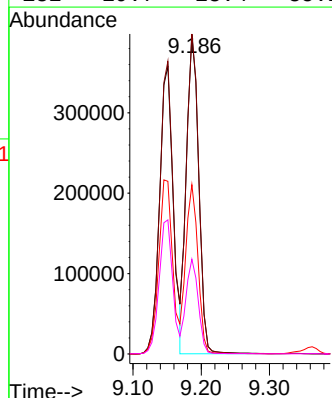
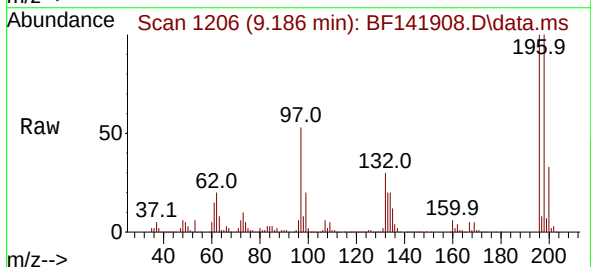
Ion Ratio Lower Upper

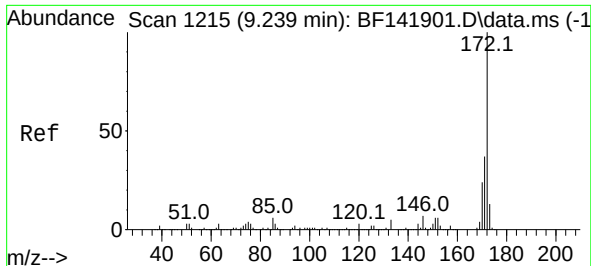
196 100

198 100.2 80.7 121.1

97 53.0 42.1 63.1

132 29.7 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 0.012 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

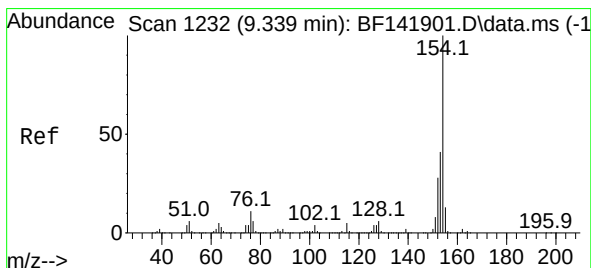
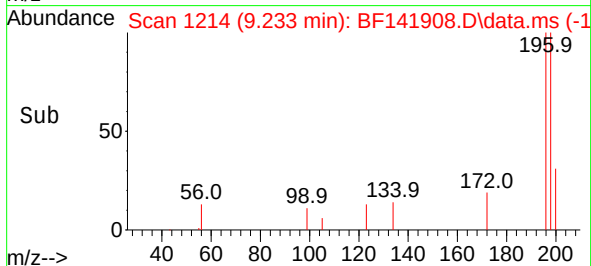
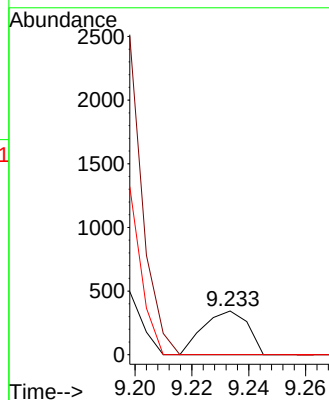
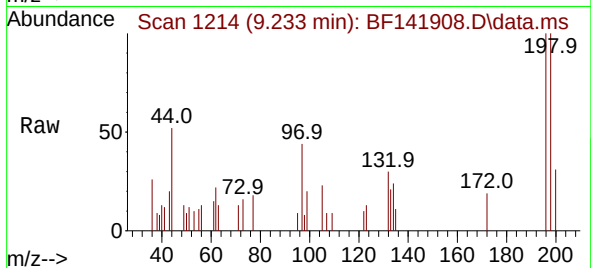
Tgt Ion:172 Resp: 377

Ion Ratio Lower Upper

172 100

171 0.0 29.3 43.9#

170 0.0 19.4 29.0#



#46

1,1'-Biphenyl

Concen: 47.066 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

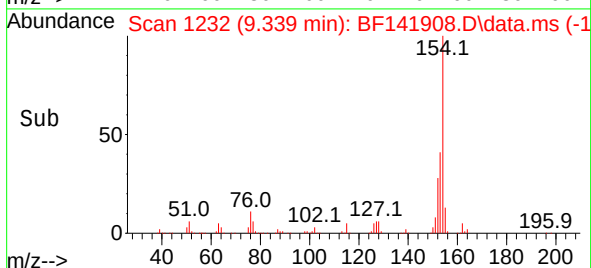
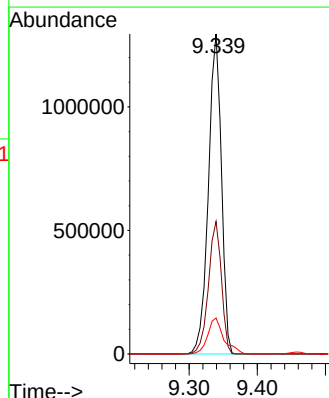
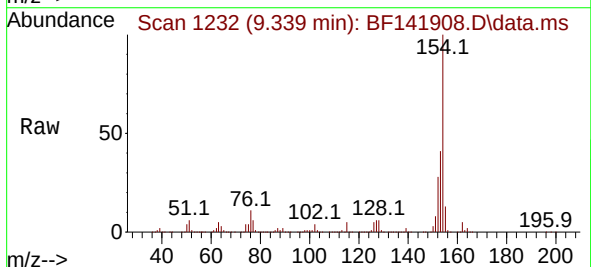
Tgt Ion:154 Resp: 1719033

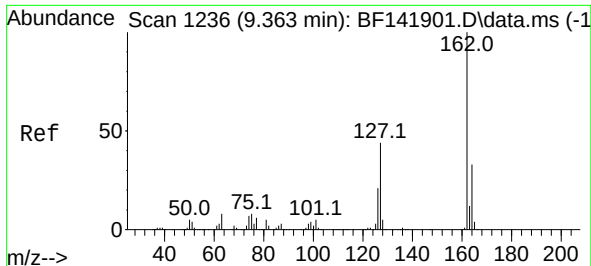
Ion Ratio Lower Upper

154 100

153 41.4 21.1 61.1

76 11.3 0.0 31.3





#47

2-Chloronaphthalene

Concen: 47.994 ng

RT: 9.363 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

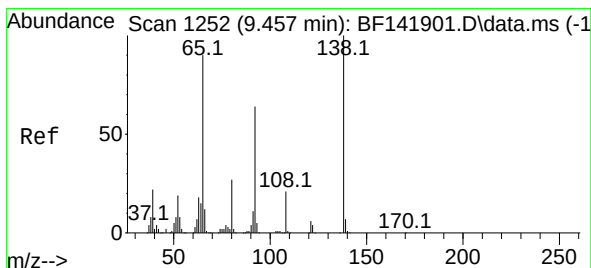
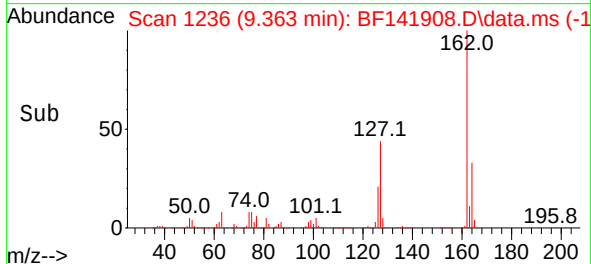
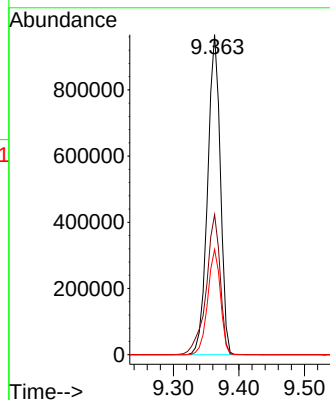
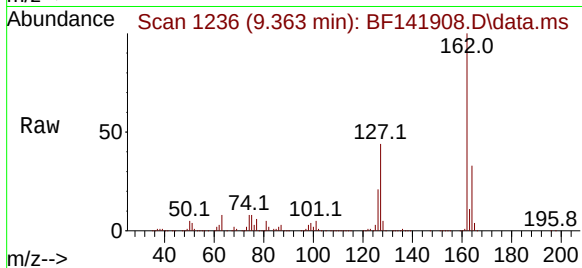
Tgt Ion:162 Resp: 1306548

Ion Ratio Lower Upper

162 100

127 43.8 35.5 53.3

164 32.9 26.6 40.0



#48

2-Nitroaniline

Concen: 52.538 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

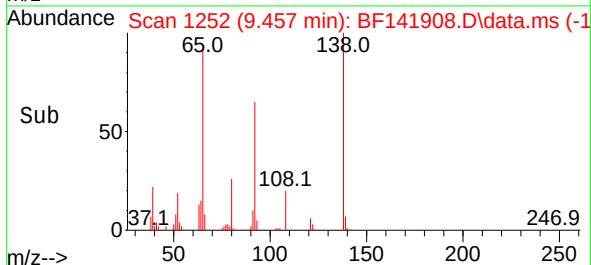
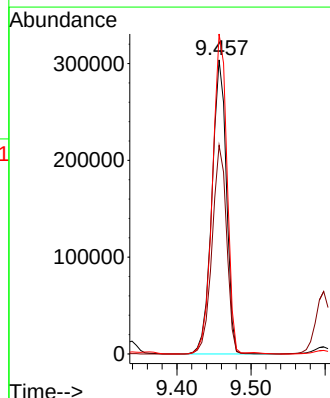
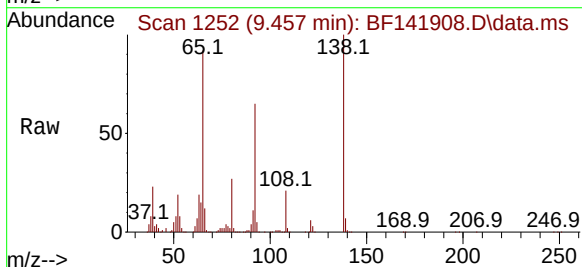
Tgt Ion: 65 Resp: 414114

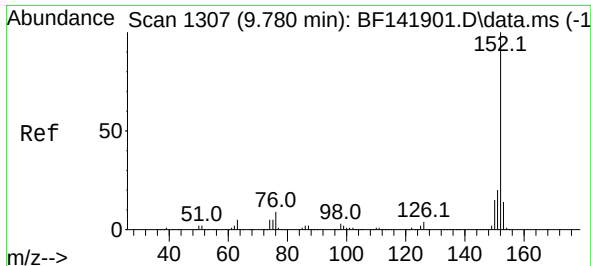
Ion Ratio Lower Upper

65 100

92 71.0 56.6 84.8

138 108.8 88.6 133.0





#49

Acenaphthylene

Concen: 52.765 ng

RT: 9.780 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

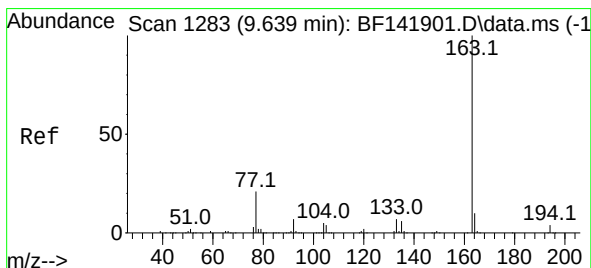
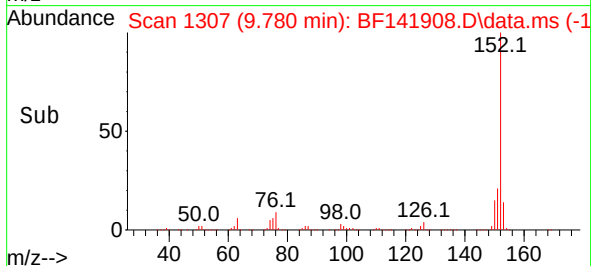
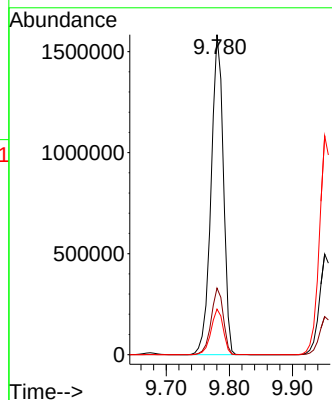
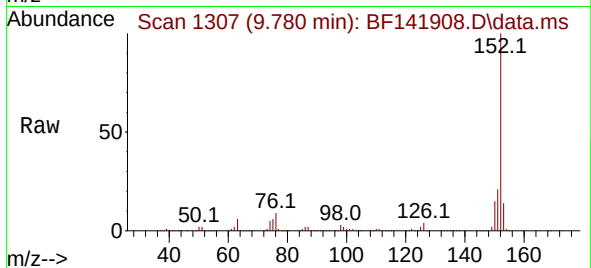
Tgt Ion:152 Resp: 2131591

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

153 14.2 11.1 16.7



#50

Dimethylphthalate

Concen: 49.501 ng

RT: 9.645 min Scan# 1284

Delta R.T. 0.006 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

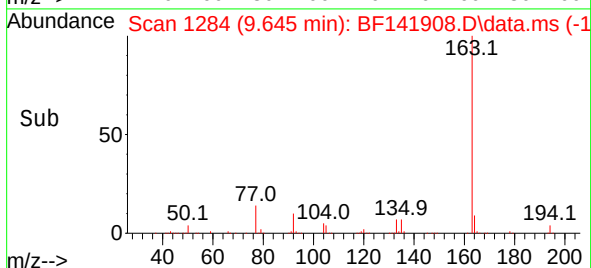
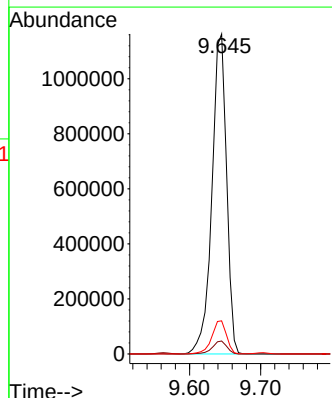
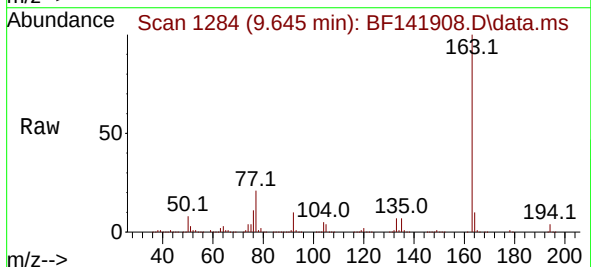
Tgt Ion:163 Resp: 1666317

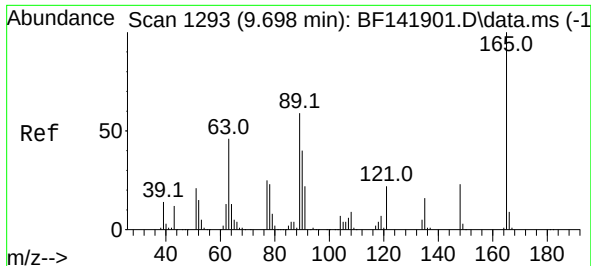
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.4 8.2 12.4

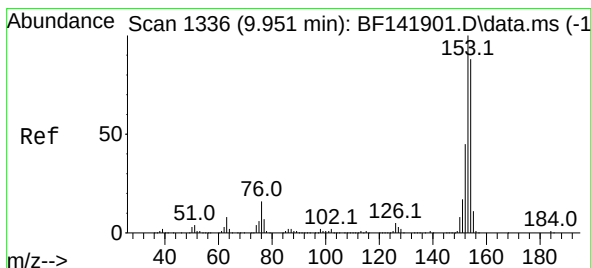
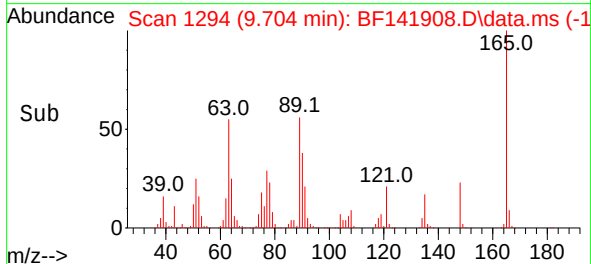
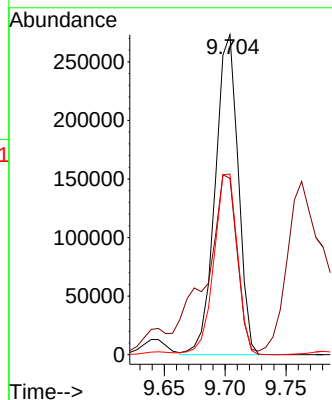
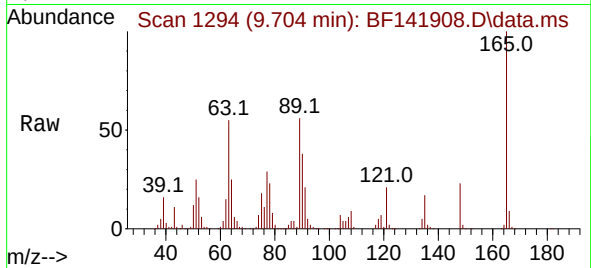




#51
2,6-Dinitrotoluene
Concen: 51.228 ng
RT: 9.704 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

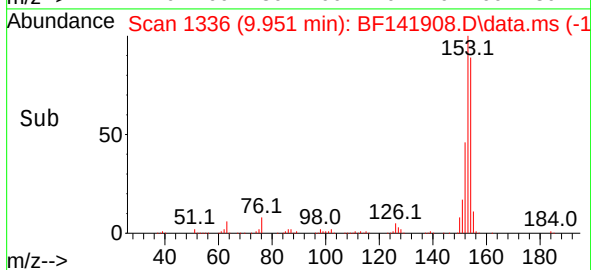
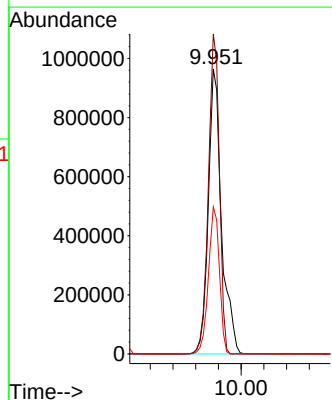
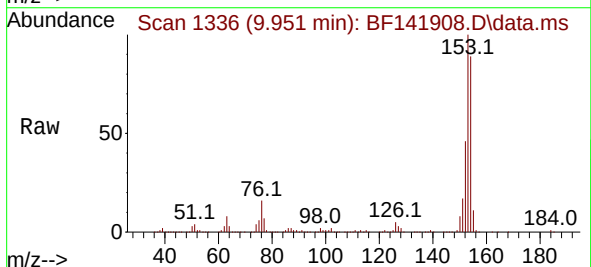
Instrument :
BNA_F
ClientSampleId :
SP6752

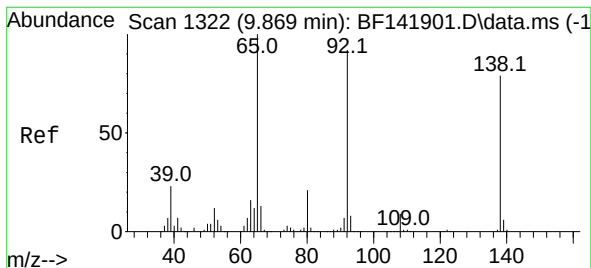
Tgt Ion:165 Resp: 359046
Ion Ratio Lower Upper
165 100
63 55.1 47.0 70.4
89 56.4 47.4 71.2



#52
Acenaphthene
Concen: 54.635 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion:154 Resp: 1551085
Ion Ratio Lower Upper
154 100
153 112.3 90.7 136.1
152 51.6 41.1 61.7





#53

3-Nitroaniline

Concen: 23.923 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

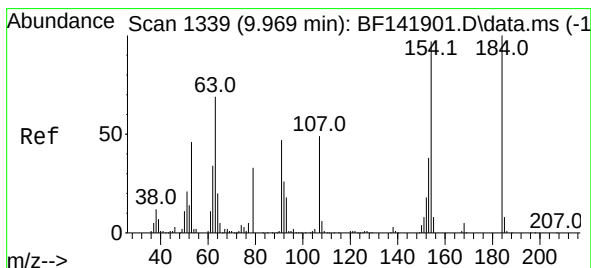
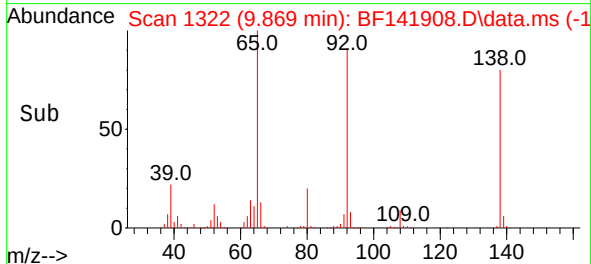
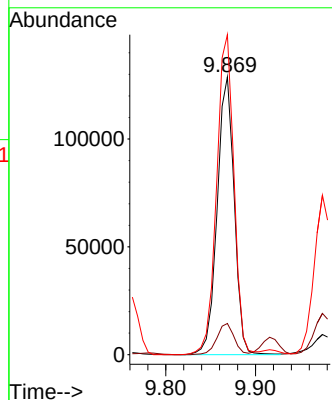
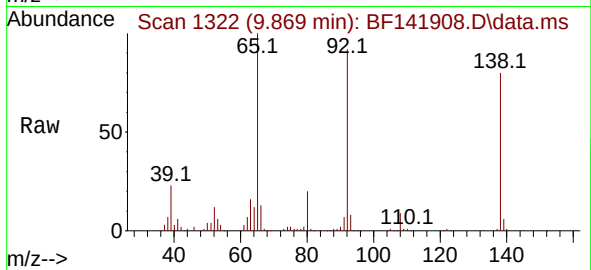
Tgt Ion:138 Resp: 170083

Ion Ratio Lower Upper

138 100

108 11.2 9.3 13.9

92 115.2 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 96.731 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

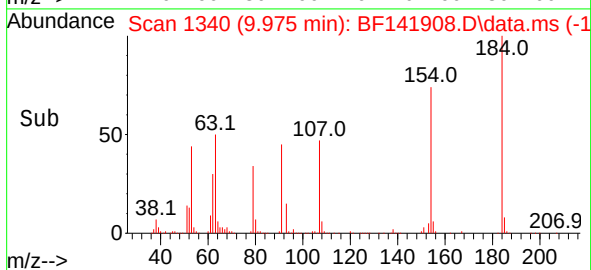
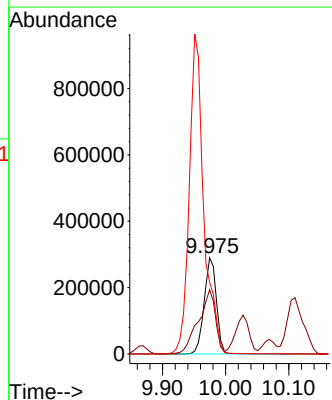
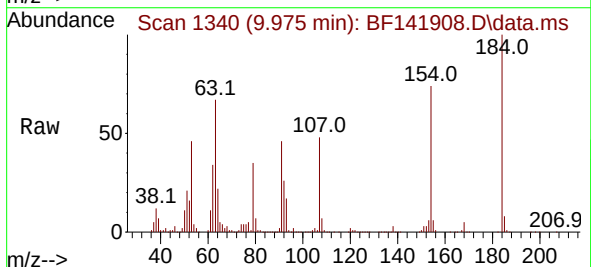
Tgt Ion:184 Resp: 391165

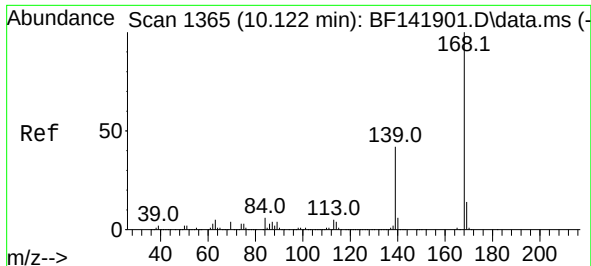
Ion Ratio Lower Upper

184 100

63 66.7 60.2 90.4

154 74.3 132.9 199.3#





#55

Dibenzenofuran

Concen: 47.208 ng

RT: 10.127 min Scan# 1365

Delta R.T. 0.006 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

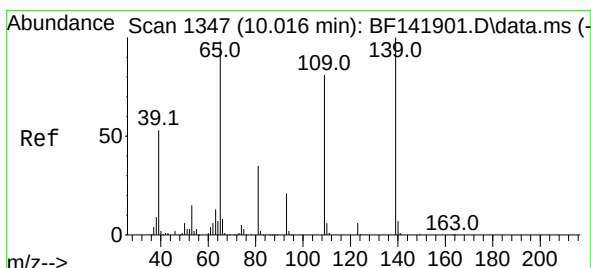
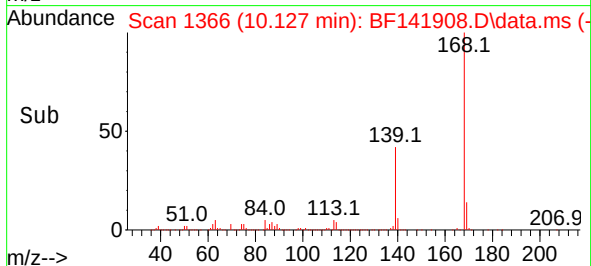
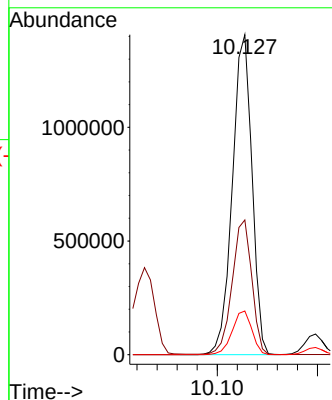
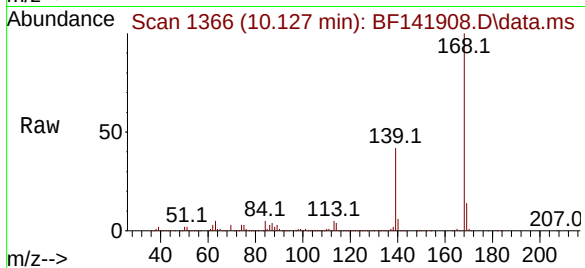
Tgt Ion:168 Resp: 1915054

Ion Ratio Lower Upper

168 100

139 42.1 33.9 50.9

169 13.7 11.0 16.4



#56

4-Nitrophenol

Concen: 106.938 ng

RT: 10.027 min Scan# 1349

Delta R.T. 0.012 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

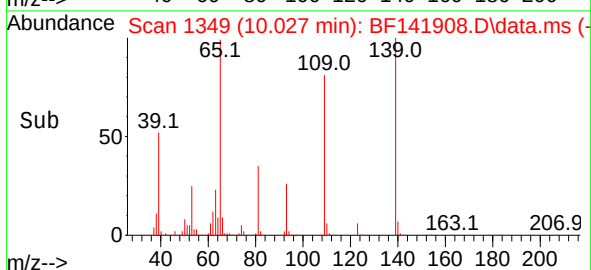
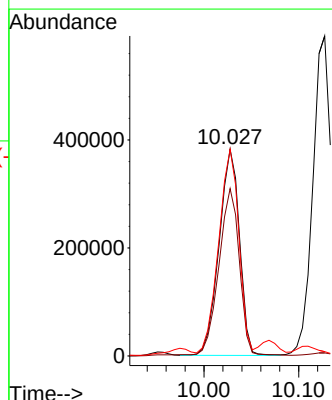
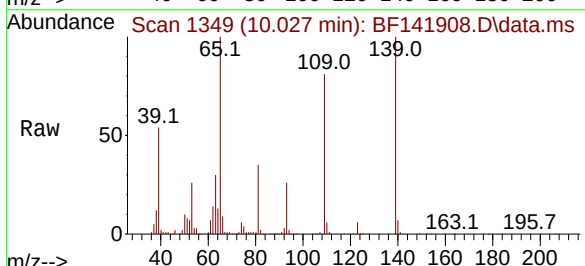
Tgt Ion:139 Resp: 573340

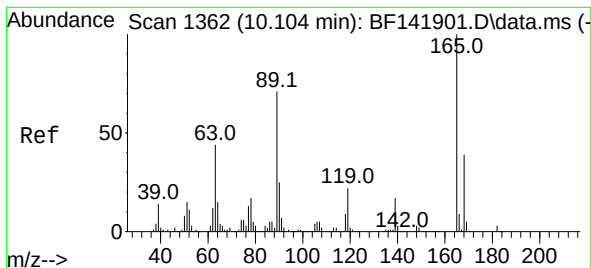
Ion Ratio Lower Upper

139 100

109 81.0 61.6 101.6

65 100.0 79.4 119.4





#57

2,4-Dinitrotoluene

Concen: 53.782 ng

RT: 10.110 min Scan# 1410

Delta R.T. 0.006 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

Tgt Ion:165 Resp: 492330

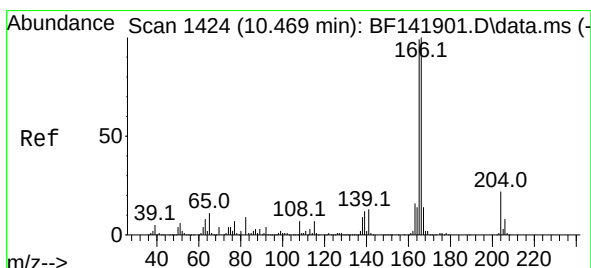
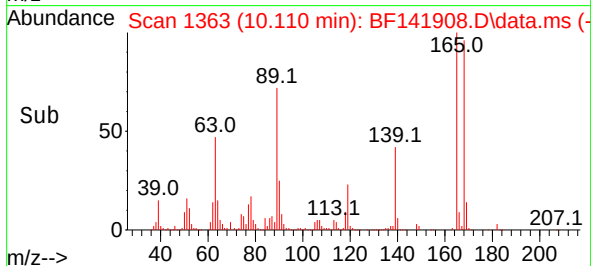
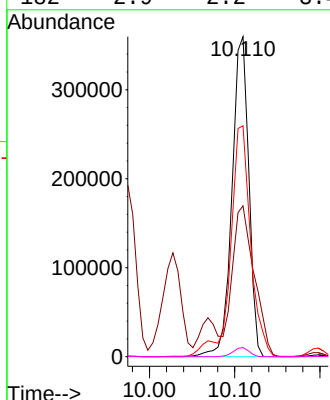
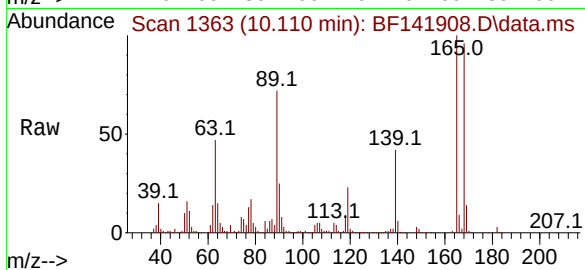
Ion Ratio Lower Upper

165 100

63 47.1 35.4 53.2

89 72.2 56.6 84.8

182 2.9 2.2 3.4



#58

Fluorene

Concen: 47.311 ng

RT: 10.469 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

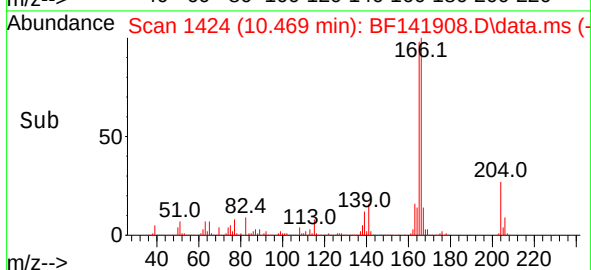
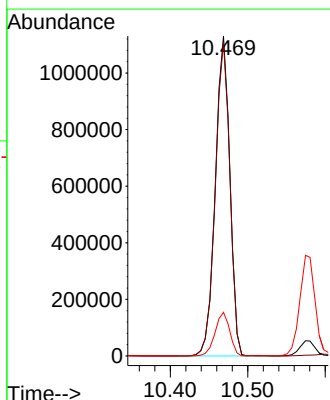
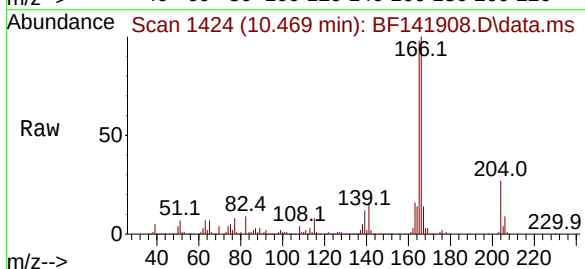
Tgt Ion:166 Resp: 1480049

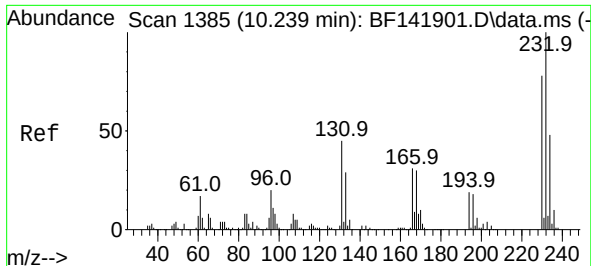
Ion Ratio Lower Upper

166 100

165 98.1 79.0 118.4

167 13.7 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.789 ng

RT: 10.239 min Scan# 1385

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

Tgt Ion:232 Resp: 430080

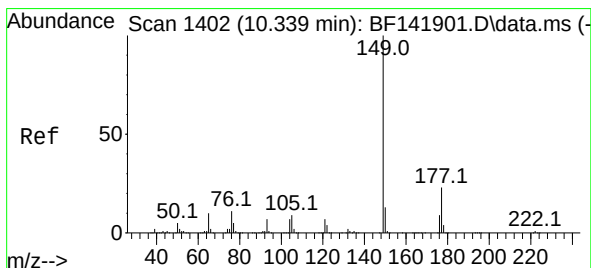
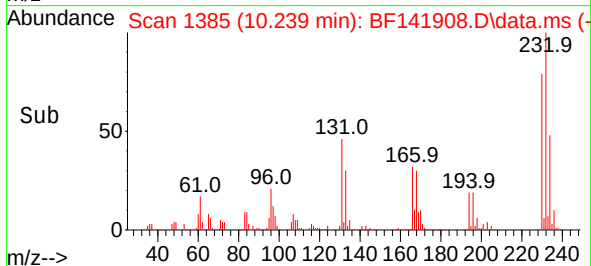
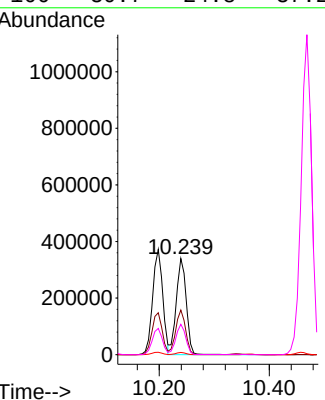
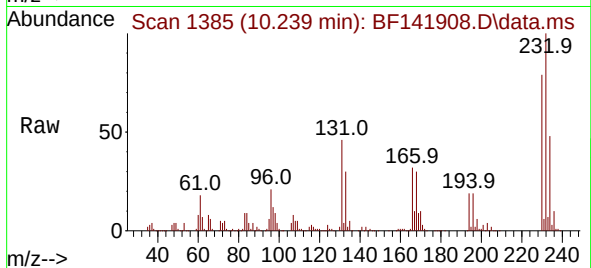
Ion Ratio Lower Upper

232 100

131 45.6 37.3 55.9

130 2.3 1.9 2.9

166 30.7 24.8 37.2



#60

Diethylphthalate

Concen: 46.411 ng

RT: 10.339 min Scan# 1402

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

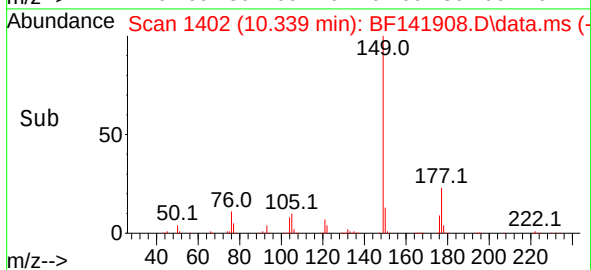
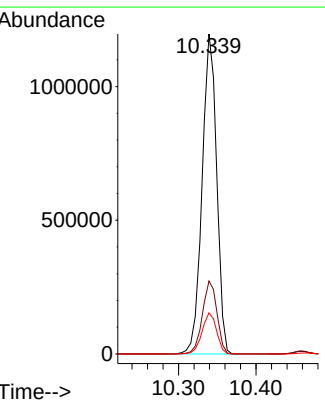
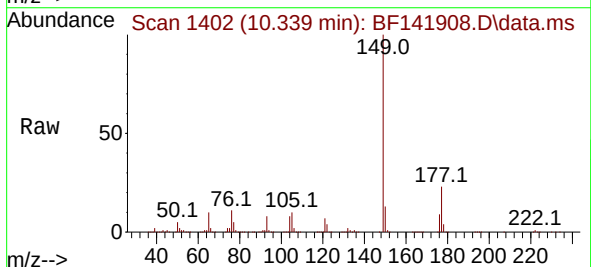
Tgt Ion:149 Resp: 1557805

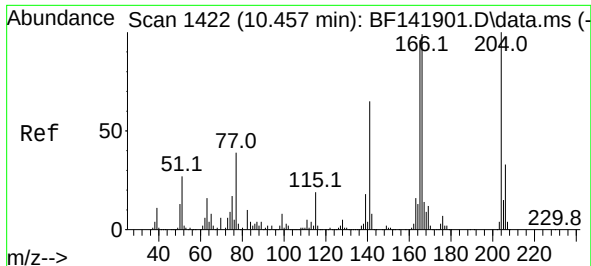
Ion Ratio Lower Upper

149 100

177 22.8 18.0 27.0

150 12.8 10.2 15.4

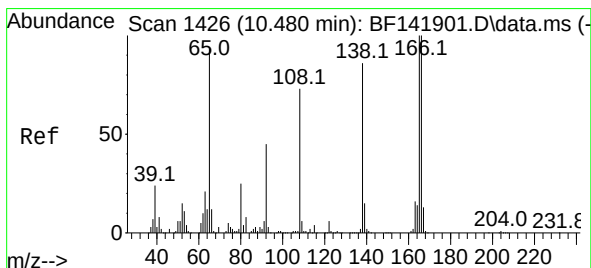
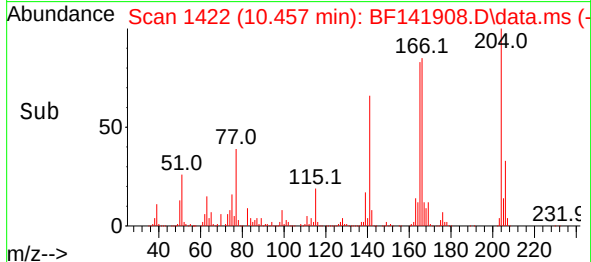
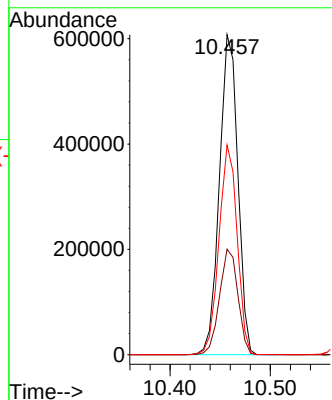
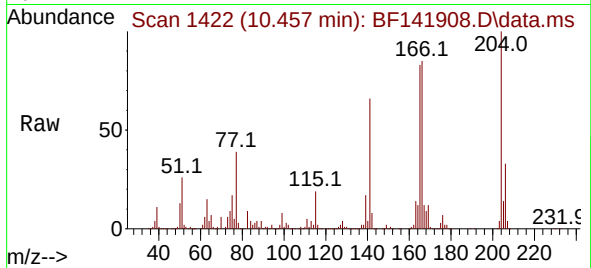




#61
4-Chlorophenyl-phenylether
Concen: 47.445 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

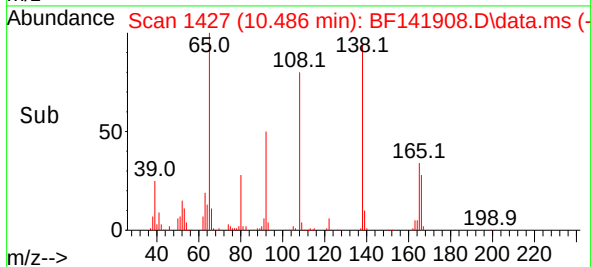
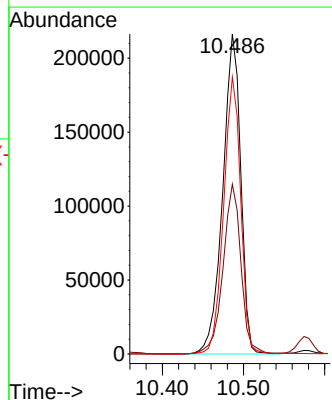
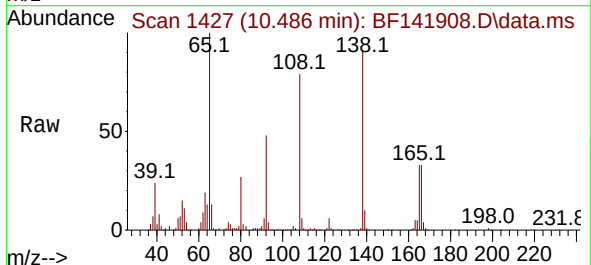
Instrument :
BNA_F
ClientSampleId :
SP6752

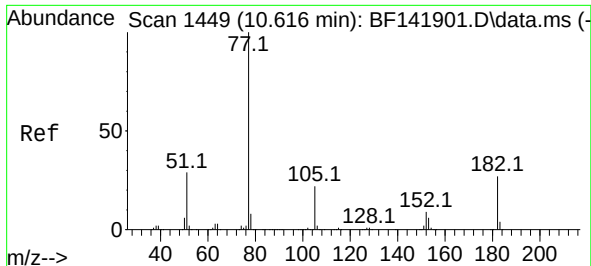
Tgt Ion:204 Resp: 773805
Ion Ratio Lower Upper
204 100
206 33.0 26.8 40.2
141 65.5 52.4 78.6



#62
4-Nitroaniline
Concen: 48.169 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion:138 Resp: 333400
Ion Ratio Lower Upper
138 100
92 53.1 32.6 72.6
108 86.6 65.0 105.0

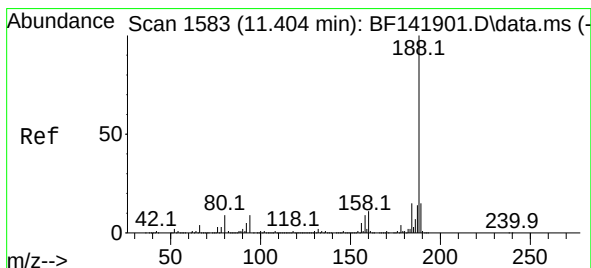
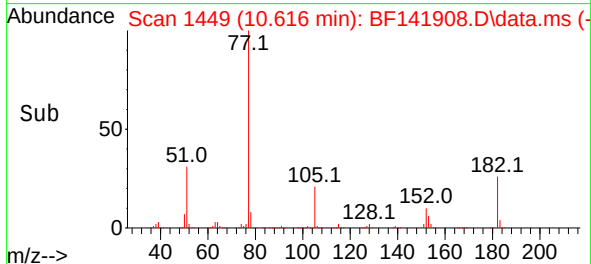
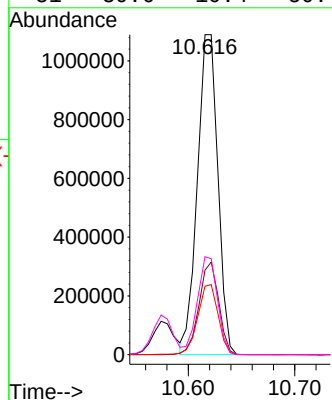
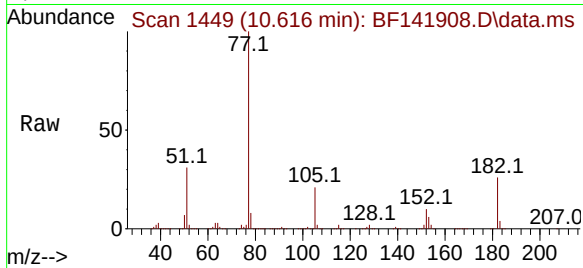




#63
 Azobenzene
 Concen: 46.709 ng
 RT: 10.616 min Scan# 1449
 Delta R.T. 0.000 min
 Lab File: BF141908.D
 Acq: 10 Mar 2025 17:39

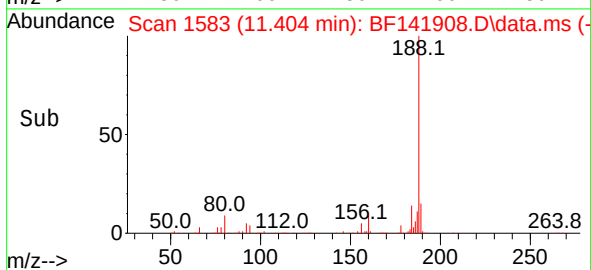
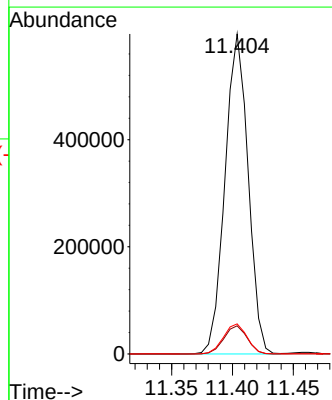
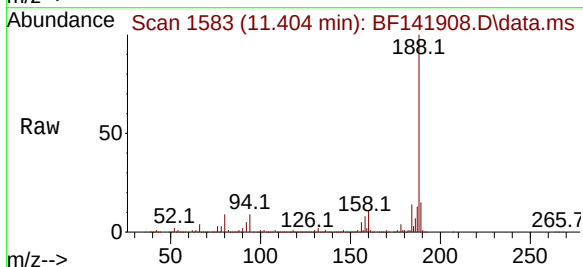
Instrument :
 BNA_F
 ClientSampleId :
 SP6752

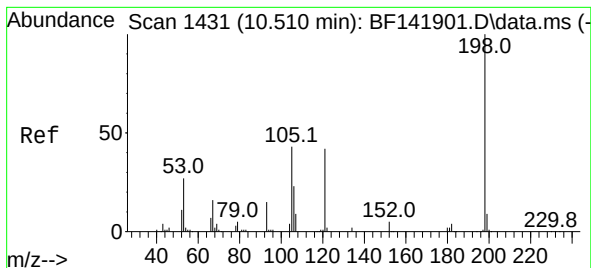
Tgt Ion: 77 Resp: 1457594
 Ion Ratio Lower Upper
 77 100
 182 26.4 6.6 46.6
 105 21.4 1.3 41.3
 51 30.6 10.4 50.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.404 min Scan# 1583
 Delta R.T. -0.000 min
 Lab File: BF141908.D
 Acq: 10 Mar 2025 17:39

Tgt Ion: 188 Resp: 790145
 Ion Ratio Lower Upper
 188 100
 94 8.8 6.8 10.2
 80 9.4 7.6 11.4

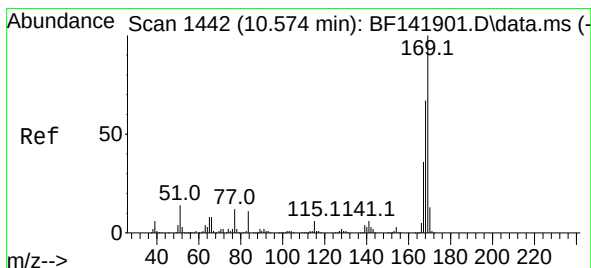
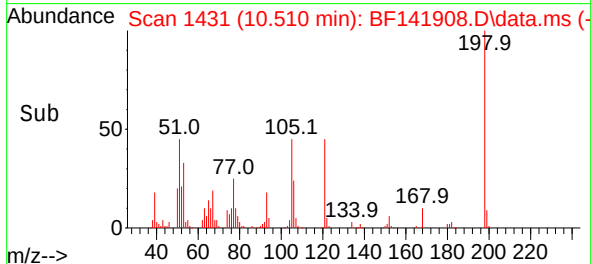
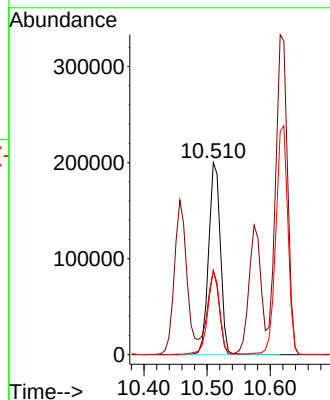
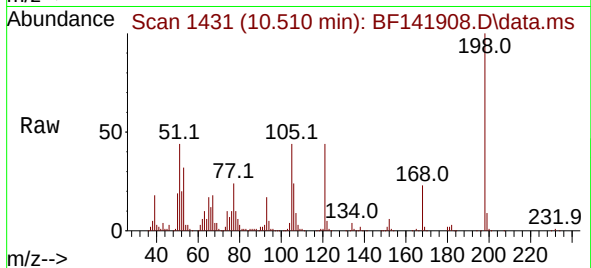




#65
4,6-Dinitro-2-methylphenol
Concen: 54.913 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

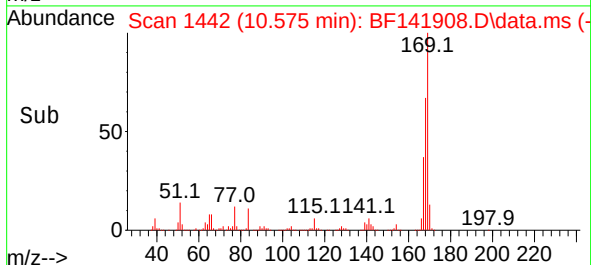
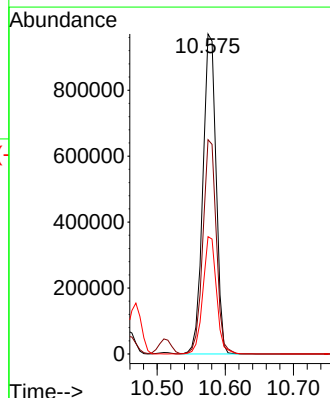
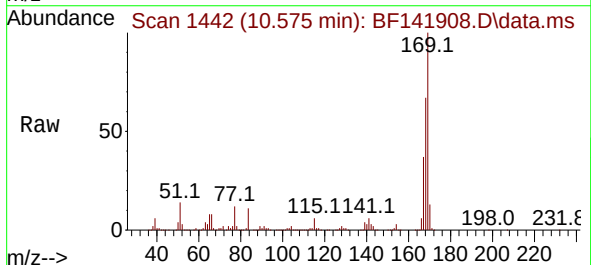
Instrument :
BNA_F
ClientSampleId :
SP6752

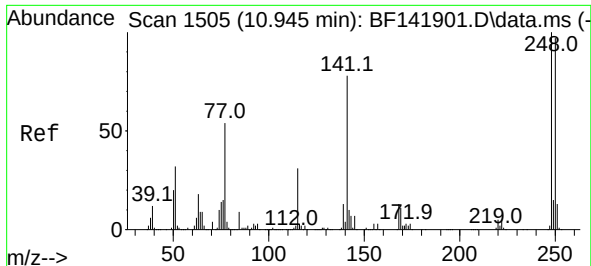
Tgt Ion:198 Resp: 258662
Ion Ratio Lower Upper
198 100
51 43.9 22.3 62.3
105 43.7 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 51.086 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion:169 Resp: 1306247
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.6 29.2 43.8

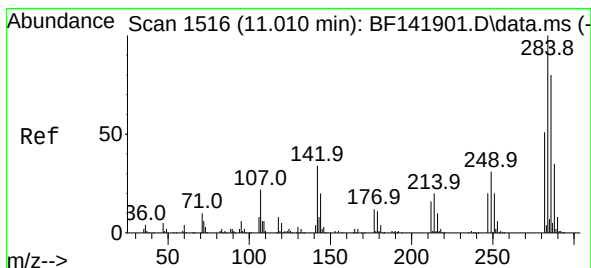
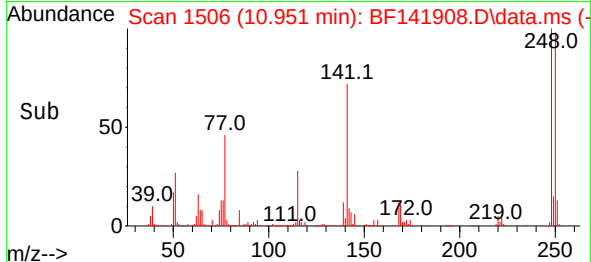
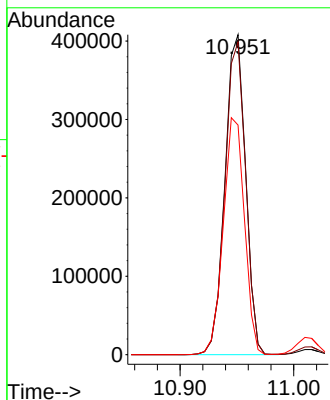
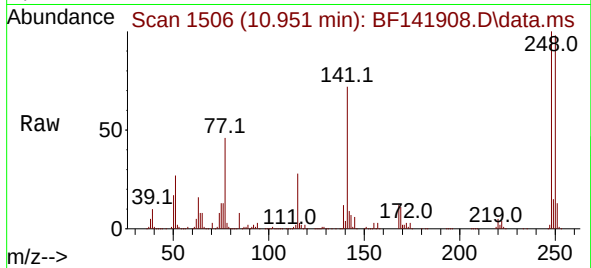




#67
4-Bromophenyl-phenylether
Concen: 52.208 ng
RT: 10.951 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

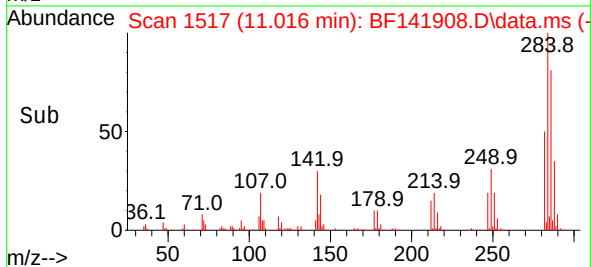
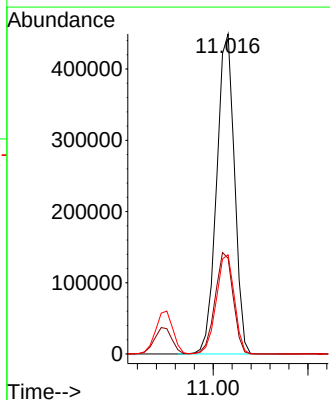
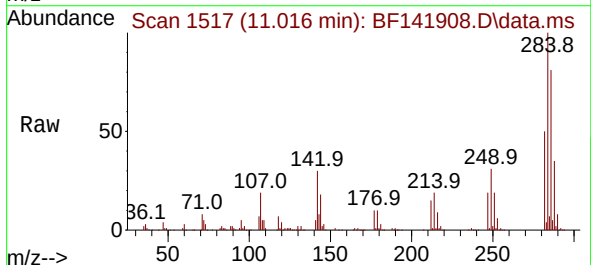
Instrument :
BNA_F
ClientSampleId :
SP6752

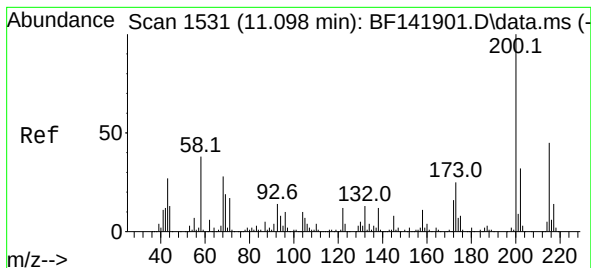
Tgt Ion:248 Resp: 518071
Ion Ratio Lower Upper
248 100
250 97.7 77.8 116.8
141 71.7 62.6 93.8



#68
Hexachlorobenzene
Concen: 53.992 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion:284 Resp: 587628
Ion Ratio Lower Upper
284 100
142 29.9 27.0 40.6
249 31.0 25.2 37.8





#69

Atrazine

Concen: 63.572 ng

RT: 11.104 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

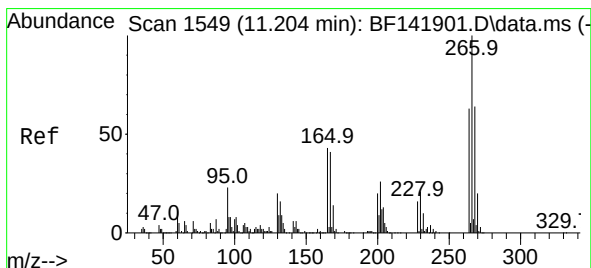
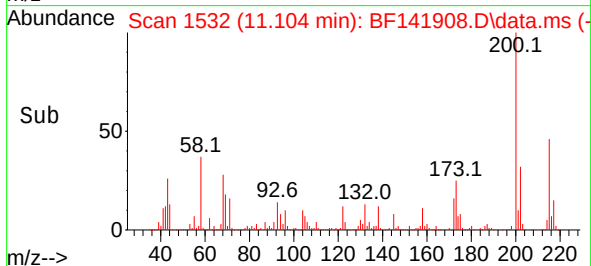
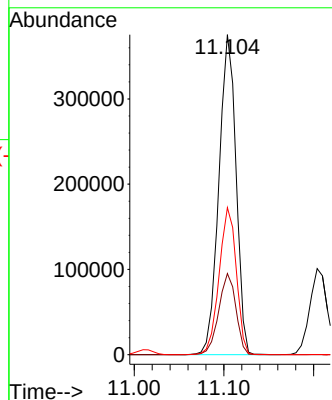
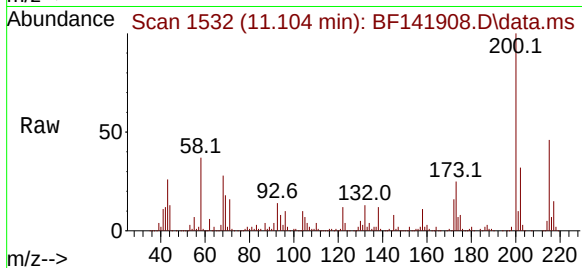
Tgt Ion:200 Resp: 498311

Ion Ratio Lower Upper

200 100

173 25.4 4.7 44.7

215 45.9 25.4 65.4



#70

Pentachlorophenol

Concen: 104.469 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

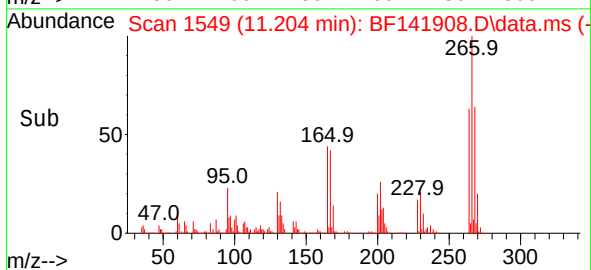
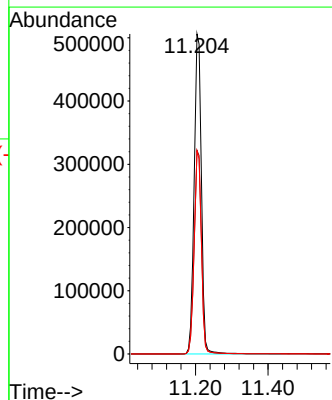
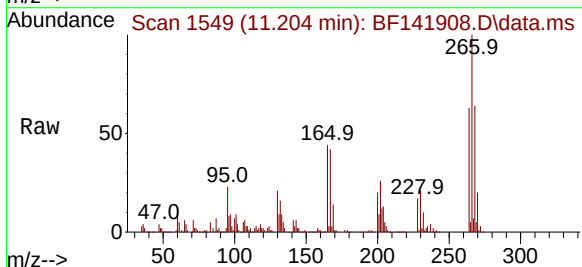
Tgt Ion:266 Resp: 700539

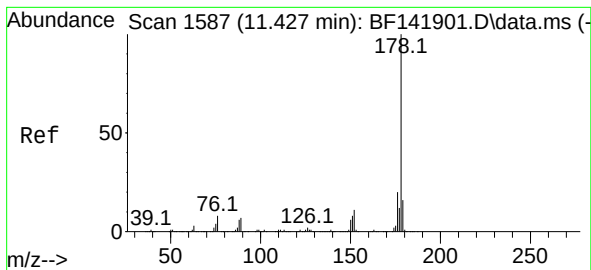
Ion Ratio Lower Upper

266 100

268 63.6 51.0 76.6

264 63.4 50.2 75.2

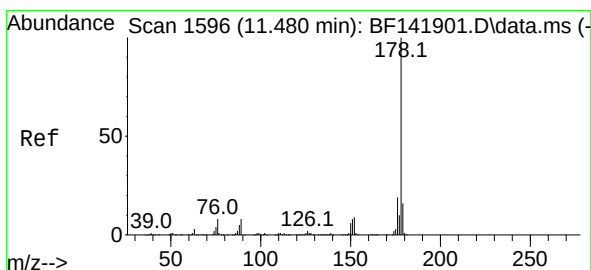
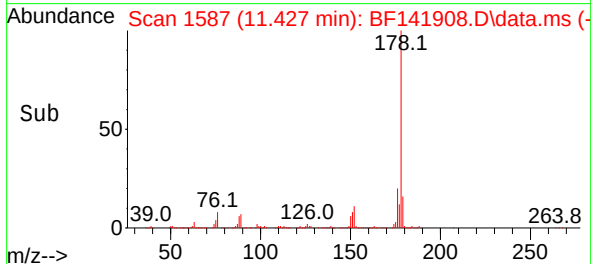
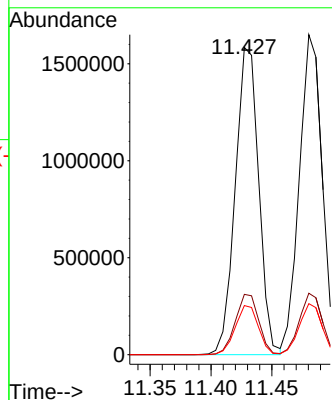
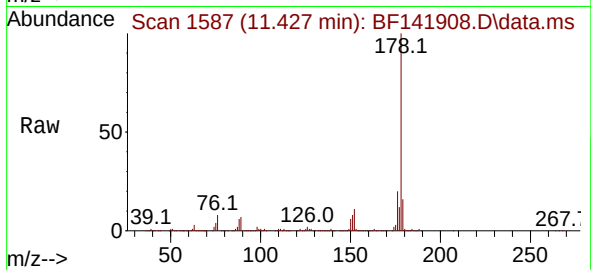




#71
Phenanthrene
Concen: 49.857 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

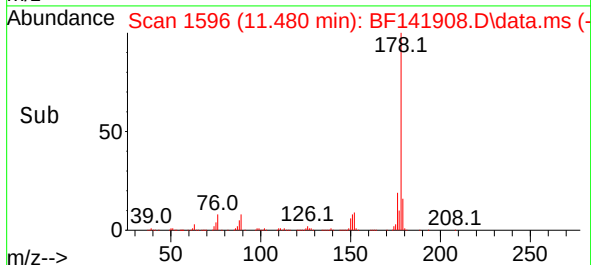
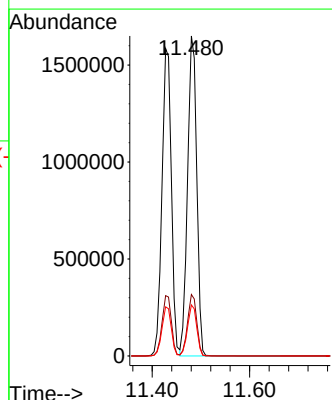
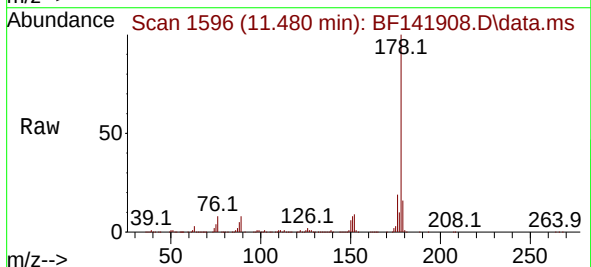
Instrument :
BNA_F
ClientSampleId :
SP6752

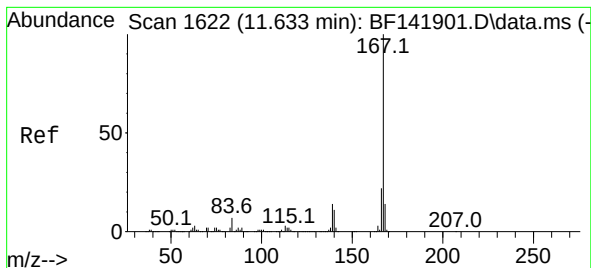
Tgt Ion:178 Resp: 2127811
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 16.0 12.6 19.0



#72
Anthracene
Concen: 50.191 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion:178 Resp: 2149035
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 16.0 12.6 19.0





#73

Carbazole

Concen: 49.693 ng

RT: 11.633 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

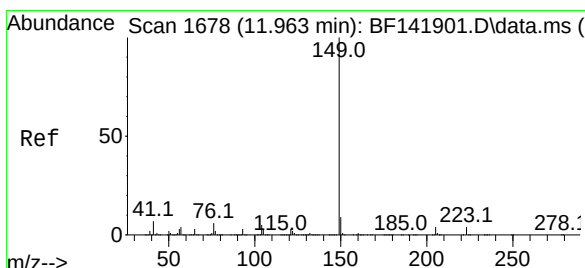
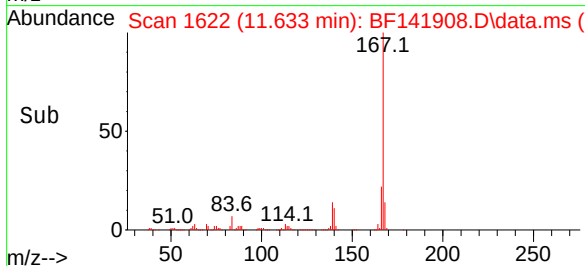
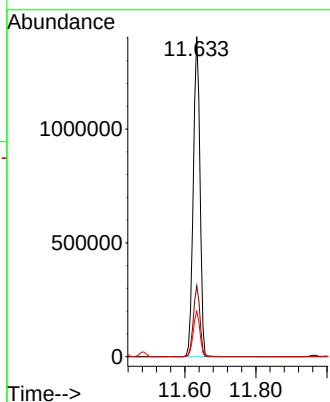
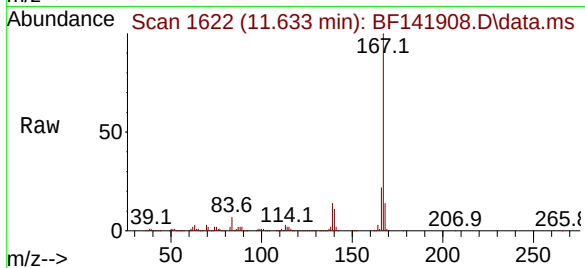
Tgt Ion:167 Resp: 1834992

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.2

139 14.2 11.0 16.6



#74

Di-n-butylphthalate

Concen: 48.342 ng

RT: 11.963 min Scan# 1678

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

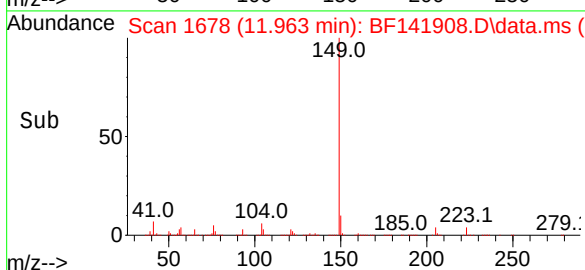
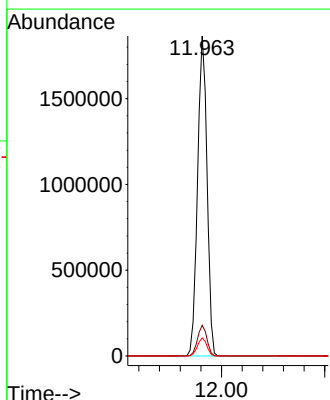
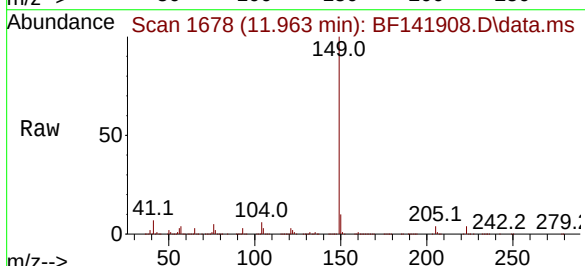
Tgt Ion:149 Resp: 2368601

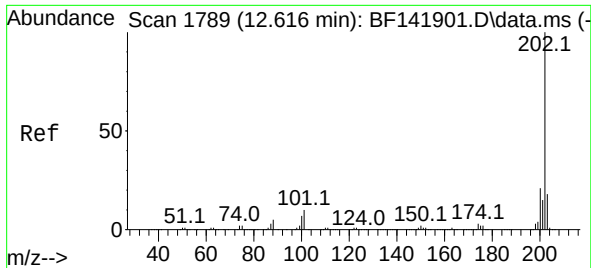
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 5.7 4.4 6.6

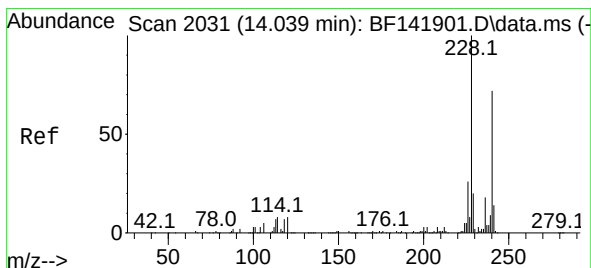
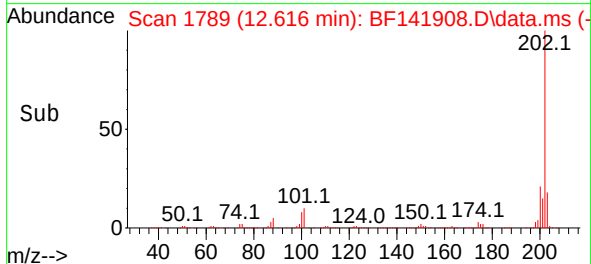
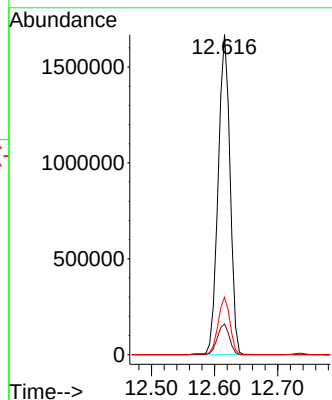
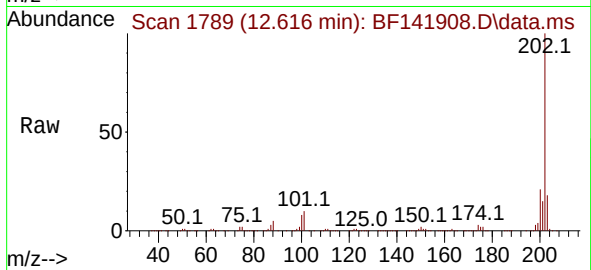




#75
Fluoranthene
Concen: 48.143 ng
RT: 12.616 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

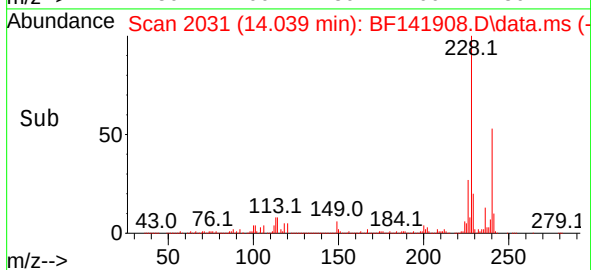
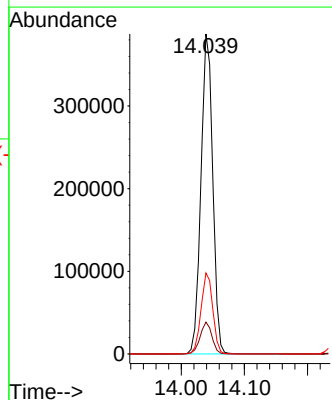
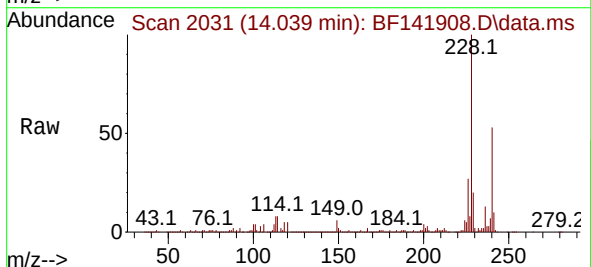
Instrument :
BNA_F
ClientSampleId :
SP6752

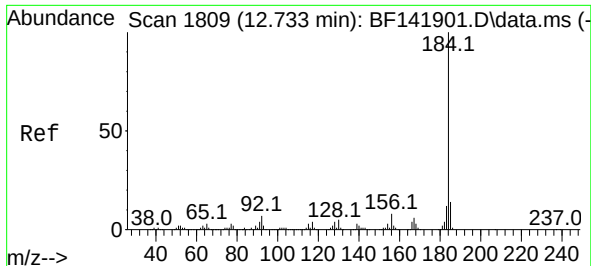
Tgt Ion:202 Resp: 2179525
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.7
203 18.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion:240 Resp: 501951
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 25.3 20.5 30.7

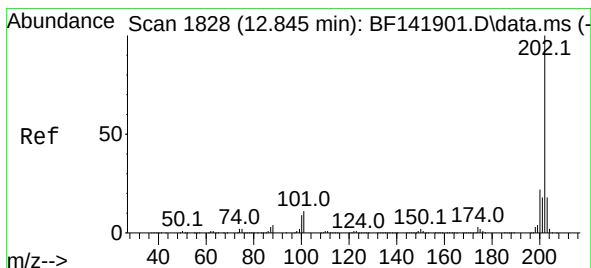
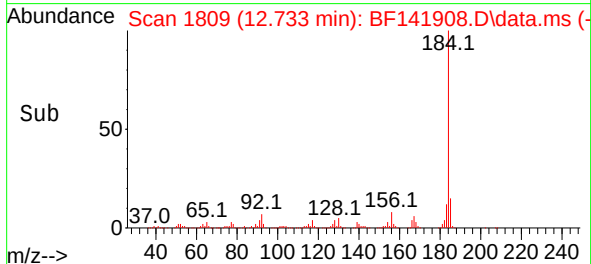
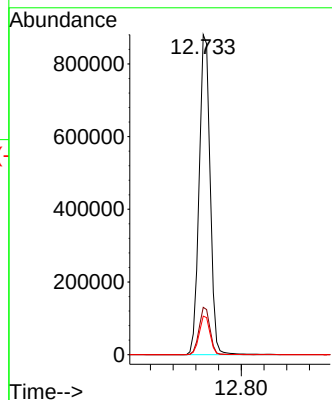
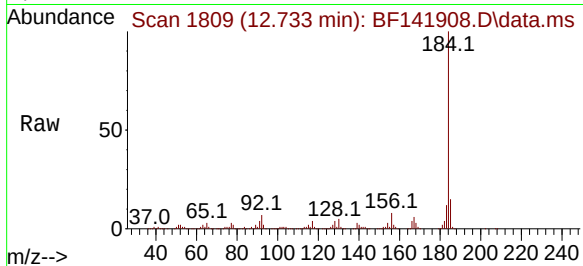




#77
Benzidine
Concen: 169.453 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

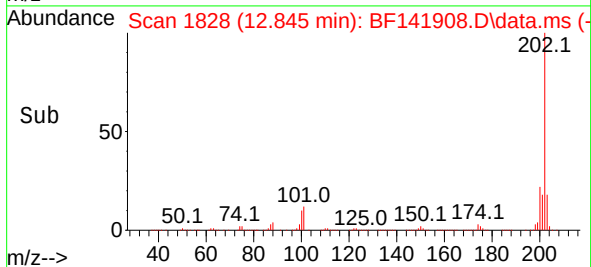
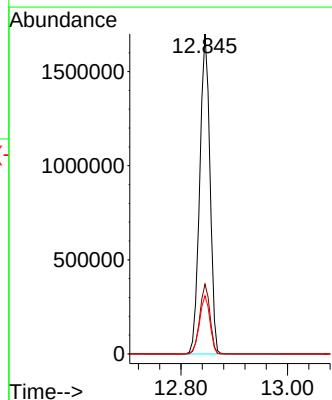
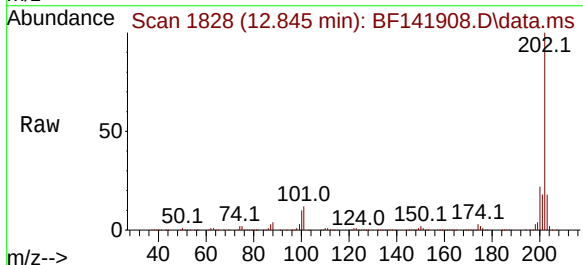
Instrument :
BNA_F
ClientSampleId :
SP6752

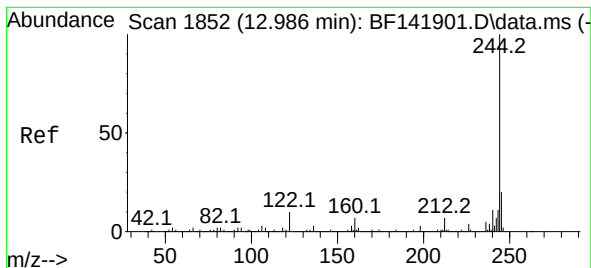
Tgt Ion:184 Resp: 1186709
Ion Ratio Lower Upper
184 100
185 14.8 11.5 17.3
183 12.1 9.7 14.5



#78
Pyrene
Concen: 52.111 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion:202 Resp: 2262627
Ion Ratio Lower Upper
202 100
200 21.8 17.3 25.9
203 18.2 14.4 21.6





#79

Terphenyl-d14

Concen: 0.029 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.012 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

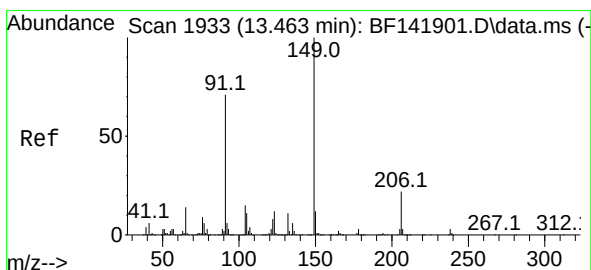
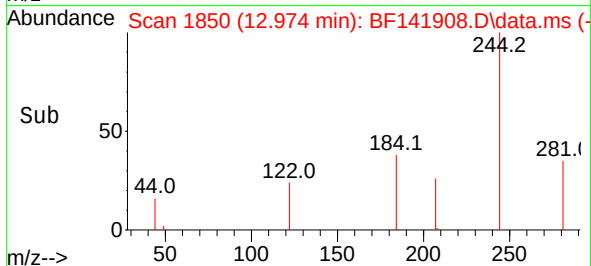
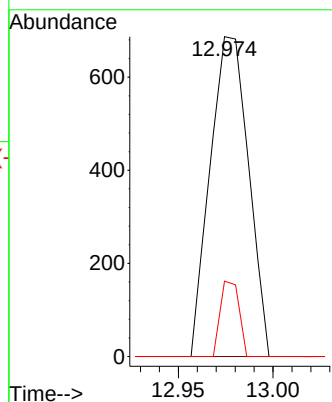
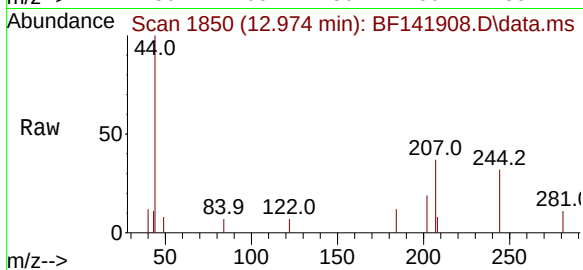
Tgt Ion:244 Resp: 970

Ion Ratio Lower Upper

244 100

212 0.0 6.0 9.0#

122 23.6 7.7 11.5#



#80

Butylbenzylphthalate

Concen: 52.706 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

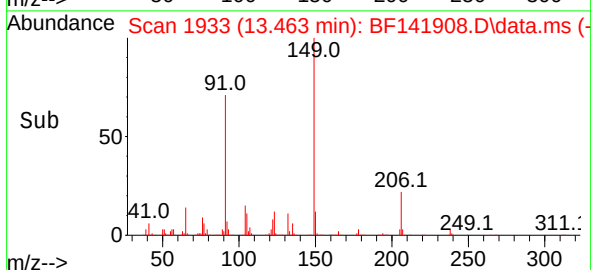
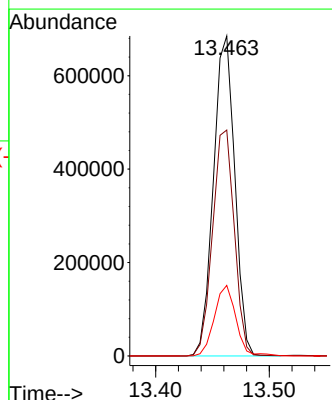
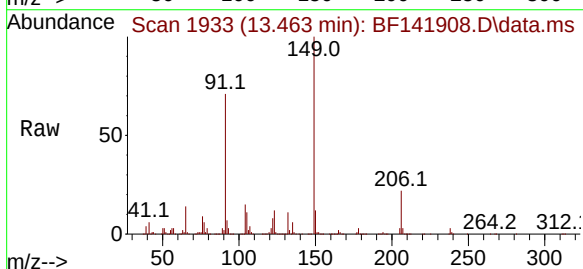
Tgt Ion:149 Resp: 895717

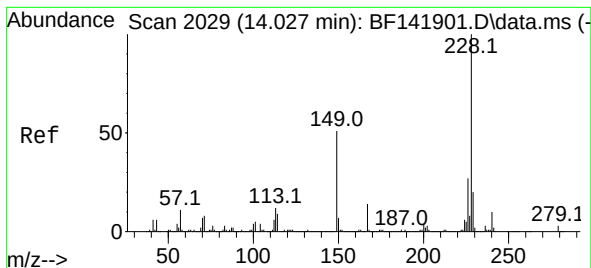
Ion Ratio Lower Upper

149 100

91 70.6 56.5 84.7

206 22.1 17.3 25.9





#81

Benzo(a)anthracene

Concen: 53.415 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

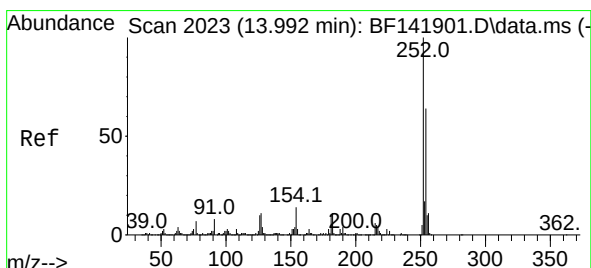
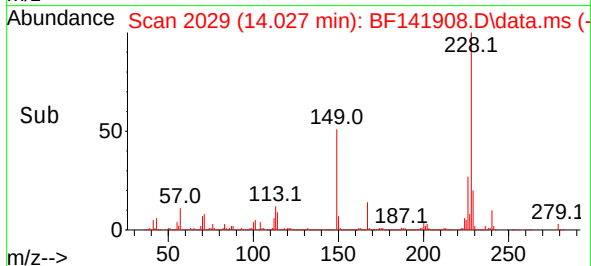
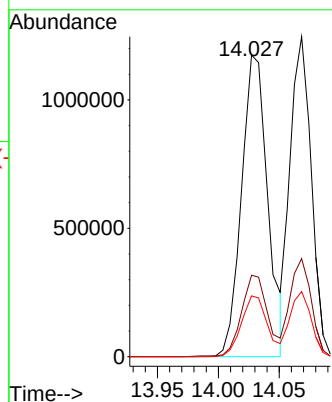
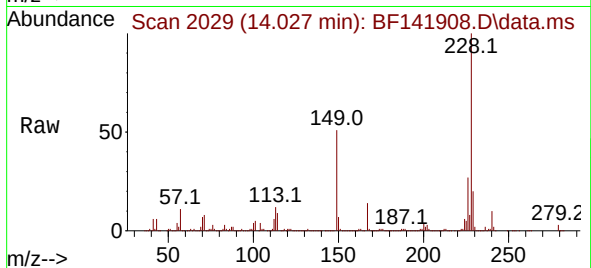
Tgt Ion:228 Resp: 1759395

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 20.2 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 22.347 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

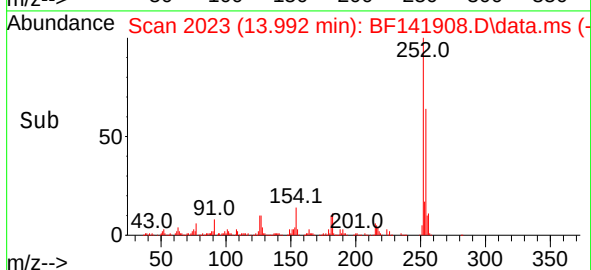
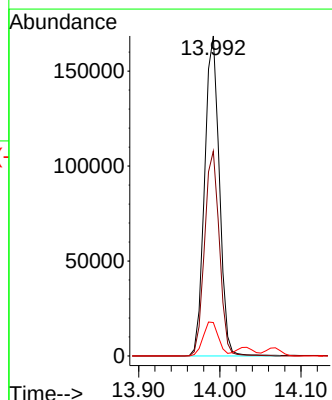
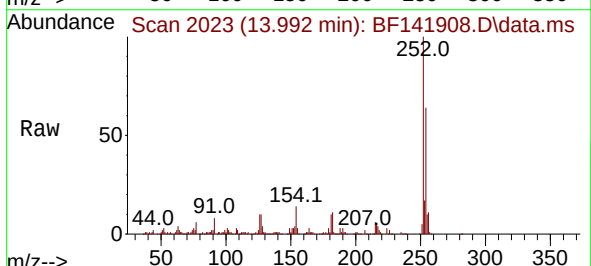
Tgt Ion:252 Resp: 212718

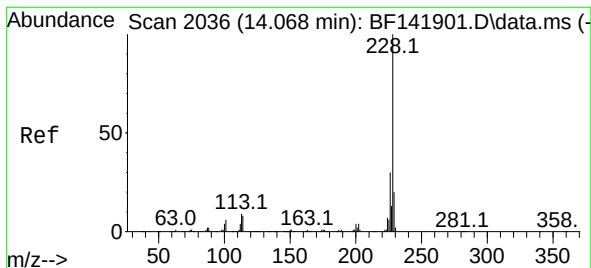
Ion Ratio Lower Upper

252 100

254 64.0 51.0 76.6

126 10.5 8.4 12.6





#83

Chrysene

Concen: 50.740 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

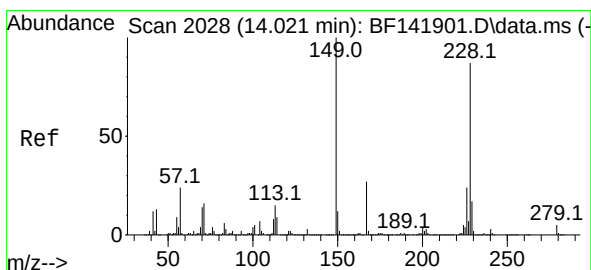
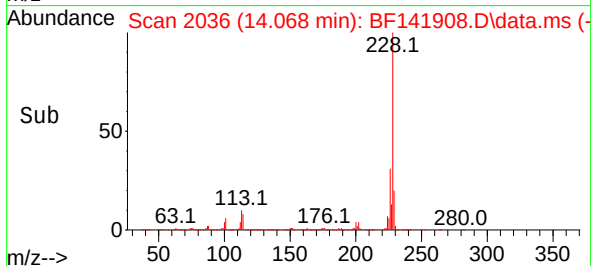
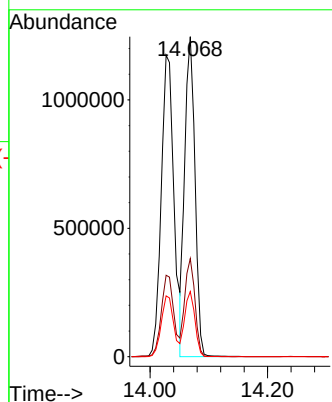
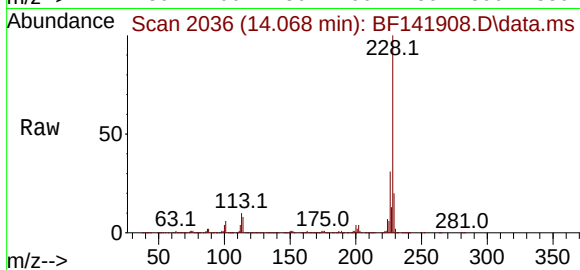
Tgt Ion:228 Resp: 1514957

Ion Ratio Lower Upper

228 100

226 30.6 24.1 36.1

229 20.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.088 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

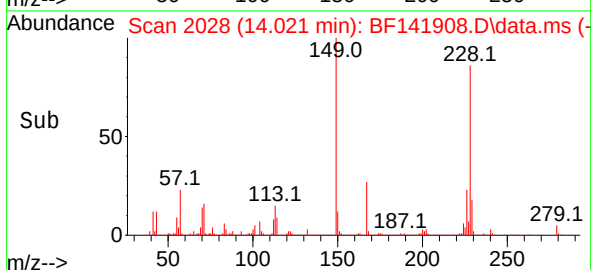
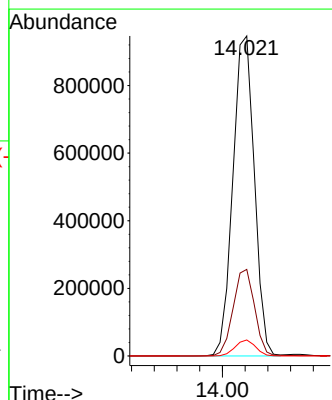
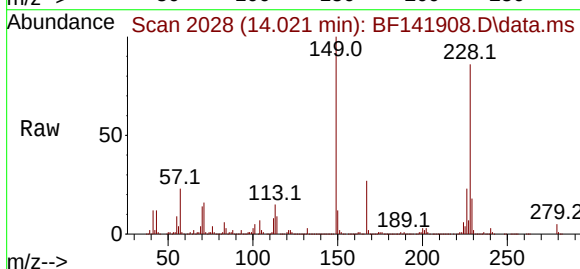
Tgt Ion:149 Resp: 1243937

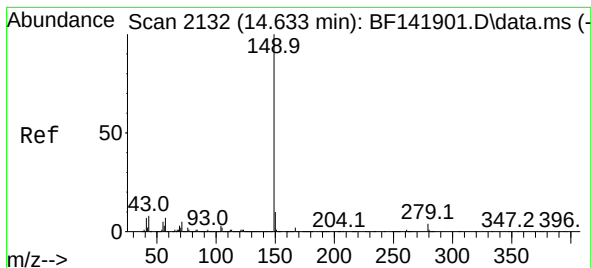
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 5.0 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 55.667 ng

RT: 14.633 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

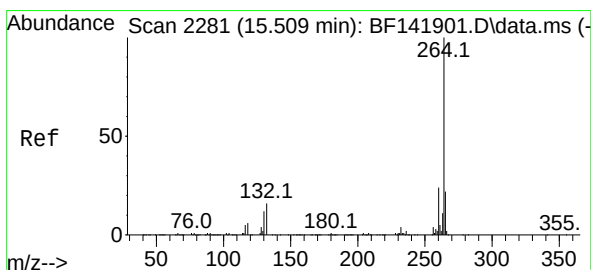
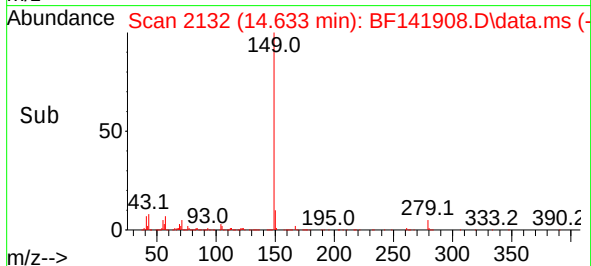
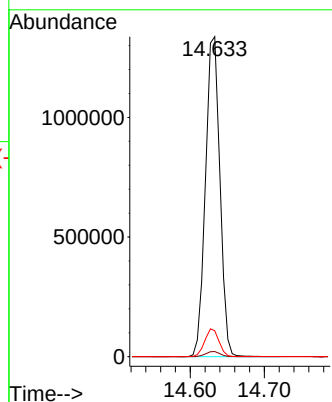
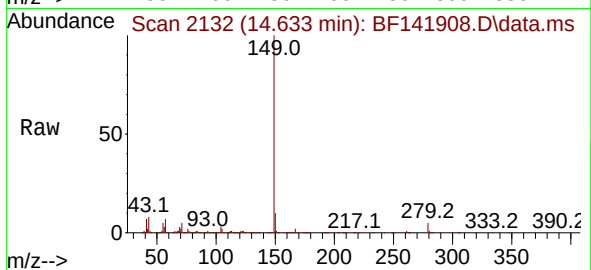
Tgt Ion:149 Resp: 1814905

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.6 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

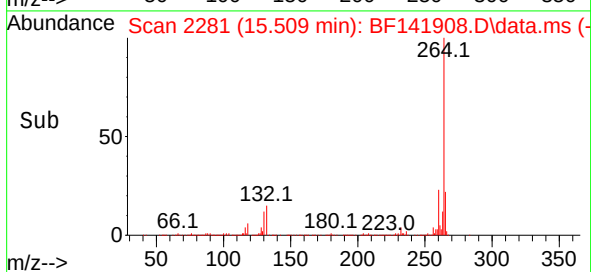
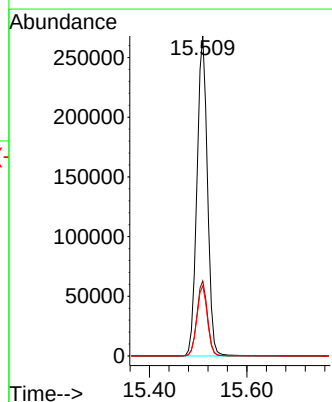
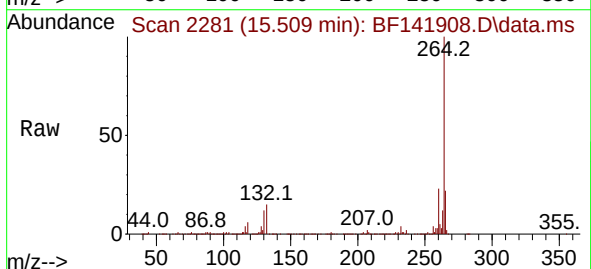
Tgt Ion:264 Resp: 402796

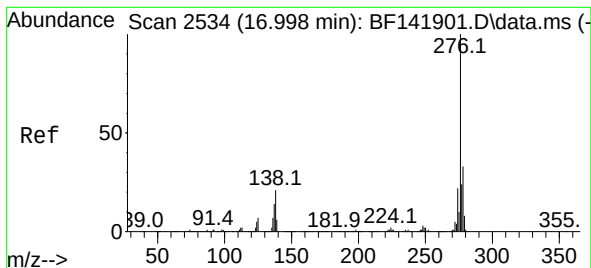
Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.483 ng

RT: 16.998 min Scan# 2534

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

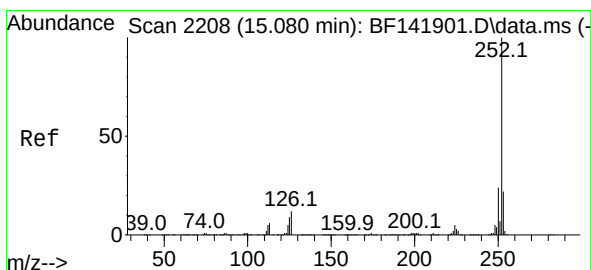
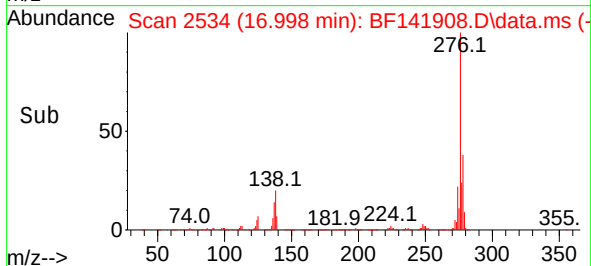
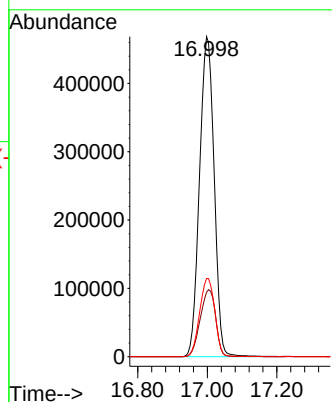
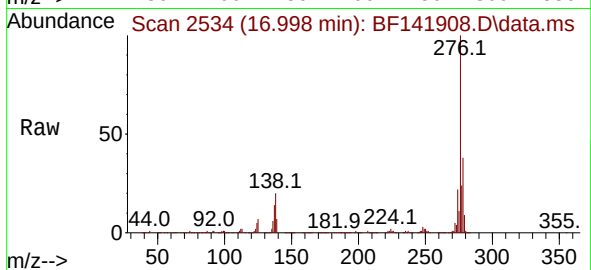
Tgt Ion:276 Resp: 1367511

Ion Ratio Lower Upper

276 100

138 22.1 18.4 27.6

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 46.357 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

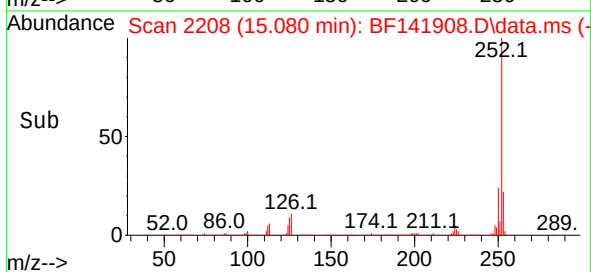
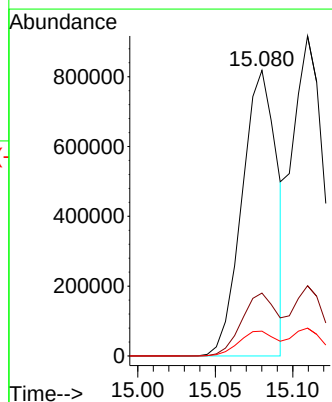
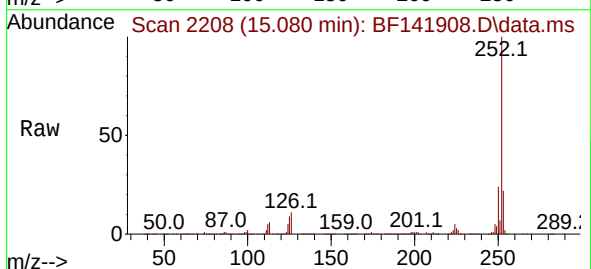
Tgt Ion:252 Resp: 1279727

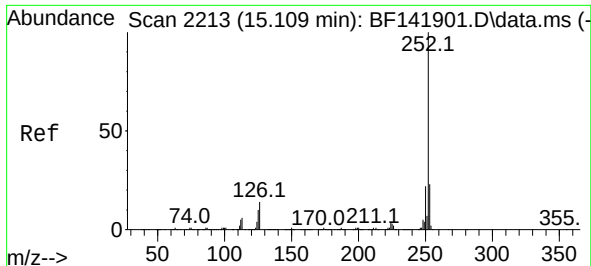
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 8.7 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 53.979 ng

RT: 15.110 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

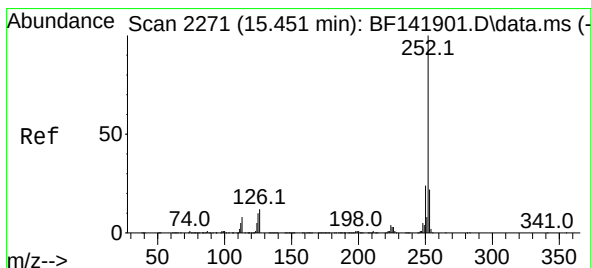
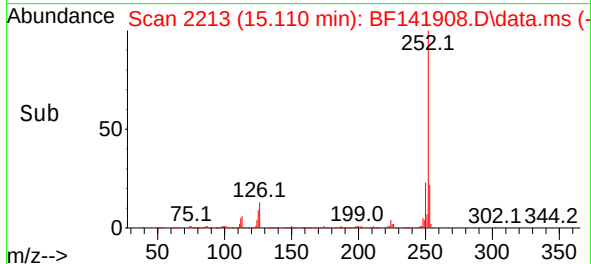
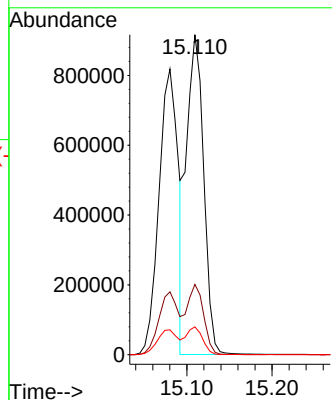
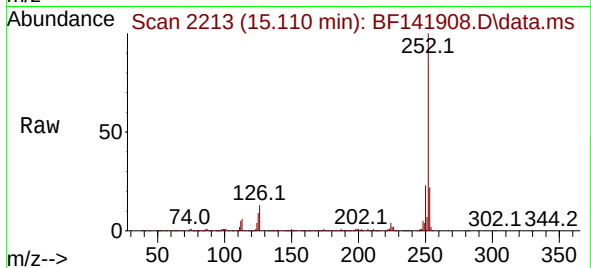
Tgt Ion:252 Resp: 1275222

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.7 7.2 10.8



#90

Benzo(a)pyrene

Concen: 54.723 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

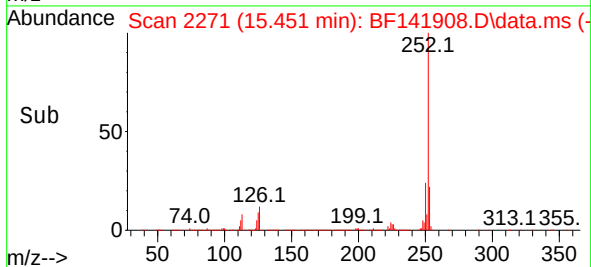
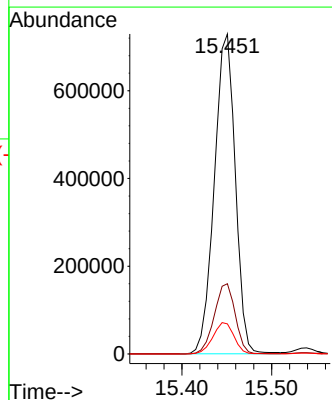
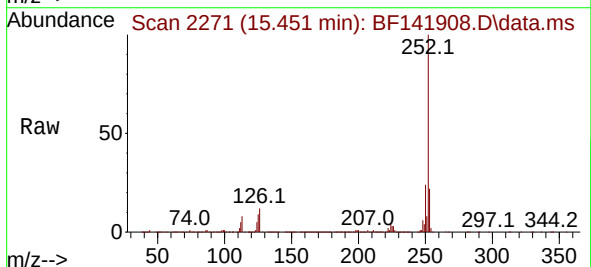
Tgt Ion:252 Resp: 1182056

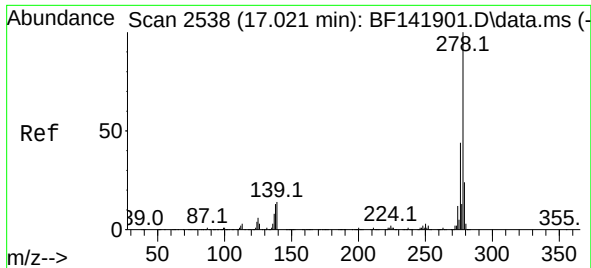
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.4 7.8 11.8

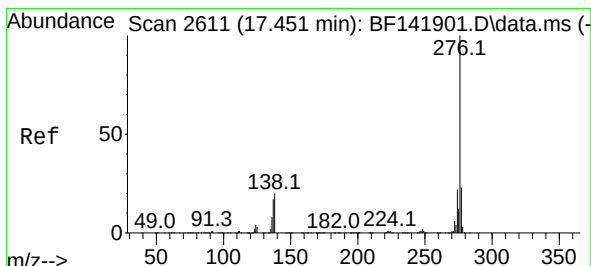
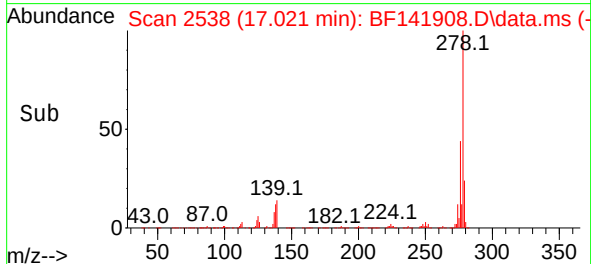
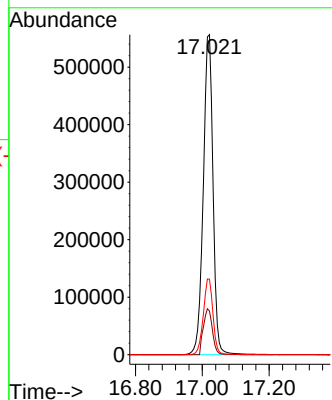
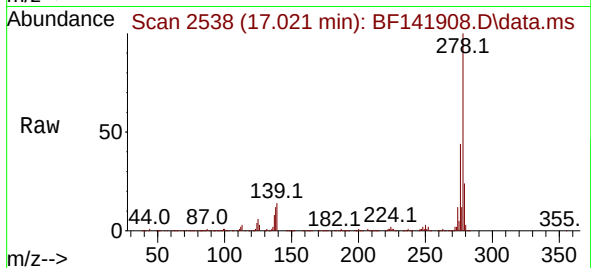




#91
Dibenzo(a,h)anthracene
Concen: 52.411 ng
RT: 17.021 min Scan# 2538
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Instrument :
BNA_F
ClientSampleId :
SP6752

Tgt Ion:278 Resp: 1126749
Ion Ratio Lower Upper
278 100
139 13.7 11.4 17.2
279 23.6 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 48.946 ng
RT: 17.451 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion:276 Resp: 1039840
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 18.8 15.8 23.8

