

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140695.D
 Acq On : 02 Dec 2024 18:05
 Operator : RC/JU
 Sample : P5005-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILEMSD

Quant Time: Dec 03 00:04:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	79872	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	306759	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	176975	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	336744	20.000	ng	0.00
76) Chrysene-d12	14.051	240	200045	20.000	ng	0.00
86) Perylene-d12	15.539	264	168091	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	629343	134.439	ng	0.02
7) Phenol-d6	6.516	99	797549	128.871	ng	0.00
23) Nitrobenzene-d5	7.433	82	571131	95.233	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	279072	147.442	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1096718	92.332	ng	0.00
79) Terphenyl-d14	12.986	244	1217400	94.761	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.828	88	91011	46.240	ng	# 83
3) Pyridine	3.557	79	178767	41.281	ng	98
4) n-Nitrosodimethylamine	3.481	42	122204	48.014	ng	89
6) Aniline	6.539	93	132780	30.482	ng	# 75
8) 2-Chlorophenol	6.663	128	265603	52.738	ng	96
9) Benzaldehyde	6.428	77	20171	6.157	ng	99
10) Phenol	6.528	94	310498	49.128	ng	89
11) bis(2-Chloroethyl)ether	6.604	93	248986	51.481	ng	100
12) 1,3-Dichlorobenzene	6.810	146	252140	44.555	ng	98
13) 1,4-Dichlorobenzene	6.886	146	259257	45.246	ng	100
14) 1,2-Dichlorobenzene	7.039	146	245416	45.708	ng	99
15) Benzyl Alcohol	7.016	79	256932	55.982	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	302104	52.874	ng	78
17) 2-Methylphenol	7.134	107	217546	53.961	ng	98
18) Hexachloroethane	7.381	117	94972	44.378	ng	97
19) n-Nitroso-di-n-propyla...	7.286	70	192441	52.615	ng	96
20) 3+4-Methylphenols	7.286	107	286001	55.192	ng	93
22) Acetophenone	7.281	105	375707	50.237	ng	96
24) Nitrobenzene	7.457	77	298019	48.081	ng	97
25) Isophorone	7.692	82	548749	54.859	ng	100
26) 2-Nitrophenol	7.769	139	145198	52.861	ng	96
27) 2,4-Dimethylphenol	7.810	122	220314	67.036	ng	96
28) bis(2-Chloroethoxy)met...	7.898	93	325224	53.370	ng	100
29) 2,4-Dichlorophenol	8.016	162	241136	55.372	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	230797	46.417	ng	99
31) Naphthalene	8.175	128	774818	49.037	ng	100
32) Benzoic acid	7.951	122	151784	52.312	ng	97
33) 4-Chloroaniline	8.228	127	89383	18.894	ng	98
34) Hexachlorobutadiene	8.286	225	145402	44.149	ng	98
35) Caprolactam	8.604	113	47333	35.122	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	274806	56.361	ng	99
37) 2-Methylnaphthalene	8.863	142	531404	52.950	ng	100
38) 1-Methylnaphthalene	8.963	142	496655	50.487	ng	100
40) 1,2,4,5-Tetrachloroben...	9.027	216	260959	50.369	ng	99
41) Hexachlorocyclopentadiene	9.016	237	201048	164.194	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	175571	54.005	ng	98

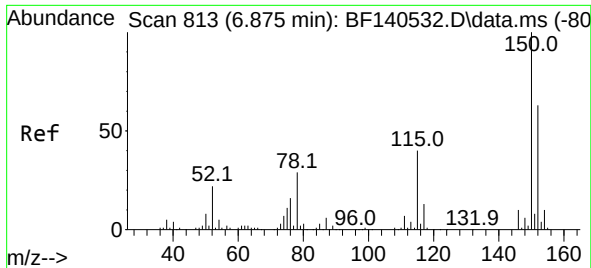
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 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	189741	53.778	ng	96
46) 1,1'-Biphenyl	9.327	154	680379	51.493	ng	100
47) 2-Chloronaphthalene	9.357	162	507039	50.644	ng	99
48) 2-Nitroaniline	9.457	65	178640	55.589	ng	96
49) Acenaphthylene	9.769	152	854462	56.485	ng	100
50) Dimethylphthalate	9.627	163	656836	56.354	ng	100
51) 2,6-Dinitrotoluene	9.698	165	141717	53.612	ng	93
52) Acenaphthene	9.945	154	516156	53.701	ng	99
53) 3-Nitroaniline	9.869	138	85862	33.211	ng	95
54) 2,4-Dinitrophenol	9.986	184	156924	111.238	ng	92
55) Dibenzofuran	10.116	168	782849	53.397	ng	100
56) 4-Nitrophenol	10.045	139	171586	97.314	ng	94
57) 2,4-Dinitrotoluene	10.104	165	197066	56.094	ng	98
58) Fluorene	10.457	166	630558	53.583	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	167405	61.737	ng	93
60) Diethylphthalate	10.327	149	641097	54.137	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	306939	53.148	ng	98
62) 4-Nitroaniline	10.486	138	146126	53.890	ng	94
63) Azobenzene	10.610	77	615003	54.840	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	107078	62.227	ng	97
66) n-Nitrosodiphenylamine	10.569	169	554790	55.711	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	187354	54.024	ng	96
68) Hexachlorobenzene	11.010	284	211306	52.622	ng	100
69) Atrazine	11.098	200	164626	58.764	ng	99
70) Pentachlorophenol	11.210	266	198690	112.423	ng	99
71) Phenanthrene	11.427	178	901870	55.716	ng	99
72) Anthracene	11.474	178	926836	58.535	ng	99
73) Carbazole	11.633	167	850116	55.810	ng	100
74) Di-n-butylphthalate	11.951	149	982367	55.862	ng	100
75) Fluoranthene	12.616	202	994496	56.586	ng	99
77) Benzidine	12.739	184	46272	7.956	ng	98
78) Pyrene	12.845	202	1015492	54.901	ng	99
80) Butylbenzylphthalate	13.457	149	385256	57.818	ng	99
81) Benzo(a)anthracene	14.039	228	766780	57.904	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	141767	35.657	ng	100
83) Chrysene	14.074	228	684899	56.564	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	499259	59.339	ng	100
85) Di-n-octyl phthalate	14.633	149	699052	60.795	ng	98
87) Indeno(1,2,3-cd)pyrene	17.056	276	603719	55.112	ng	98
88) Benzo(b)fluoranthene	15.104	252	612688	58.031	ng	99
89) Benzo(k)fluoranthene	15.133	252	507845	54.966	ng	99
90) Benzo(a)pyrene	15.480	252	518106	60.353	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	488360	54.437	ng	99
92) Benzo(g,h,i)perylene	17.509	276	459711	50.217	ng	97

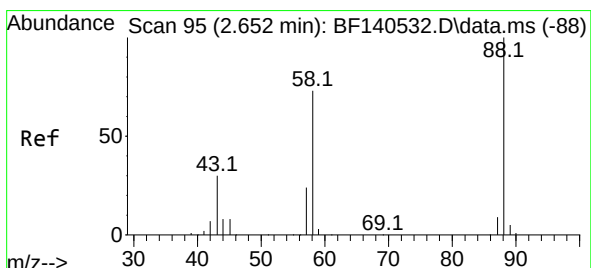
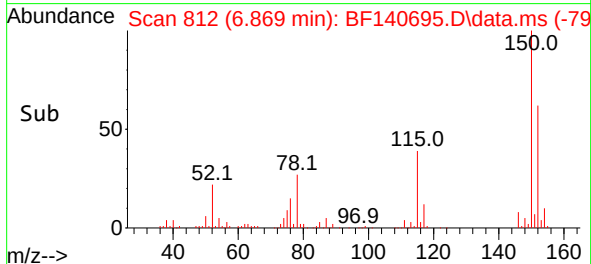
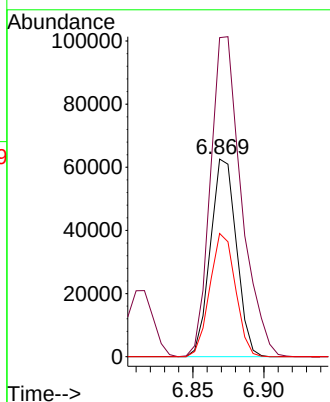
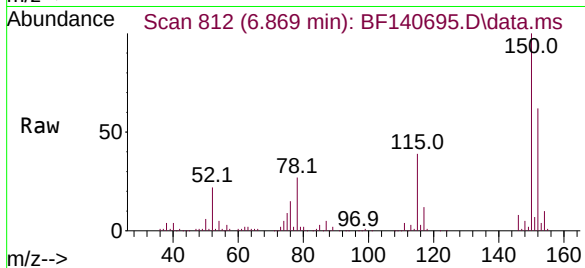
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140695.D
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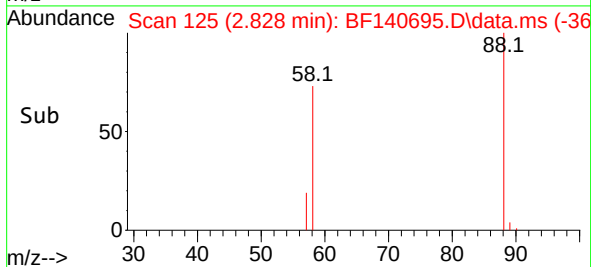
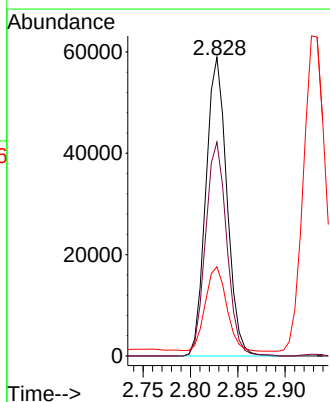
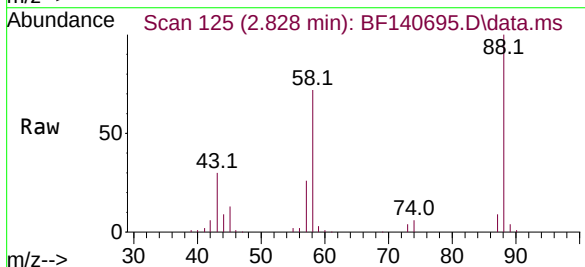
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

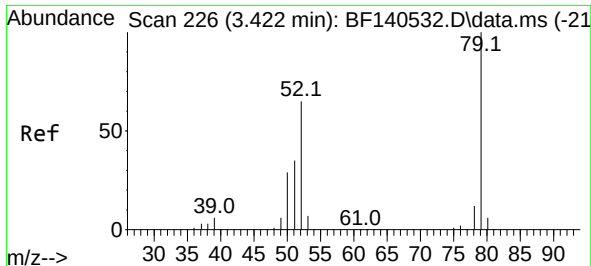
Tgt Ion:152 Resp: 79872
Ion Ratio Lower Upper
152 100
150 161.4 128.5 192.7
115 62.4 50.2 75.4



#2
1,4-Dioxane
Concen: 46.240 ng
RT: 2.828 min Scan# 125
Delta R.T. 0.176 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion: 88 Resp: 91011
Ion Ratio Lower Upper
88 100
58 72.0 57.4 86.2
43 0.0 24.3 36.5





#3

Pyridine

Concen: 41.281 ng

RT: 3.557 min Scan# 249

Delta R.T. 0.135 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

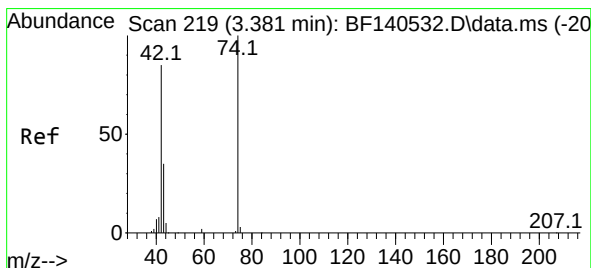
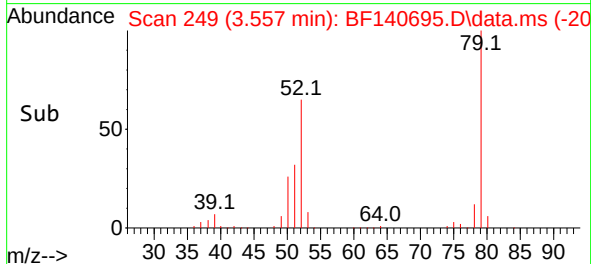
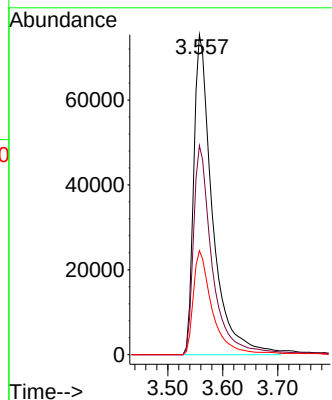
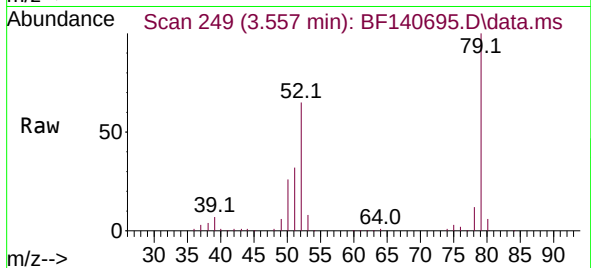
Tgt Ion: 79 Resp: 178767

Ion Ratio Lower Upper

79 100

52 65.3 52.1 78.1

51 32.5 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 48.014 ng

RT: 3.481 min Scan# 236

Delta R.T. 0.100 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

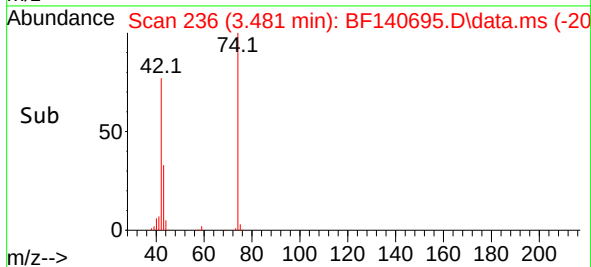
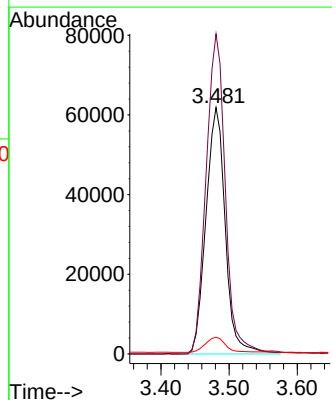
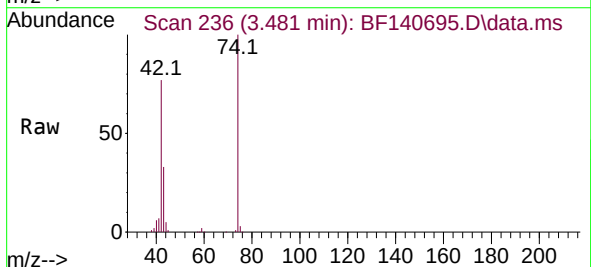
Tgt Ion: 42 Resp: 122204

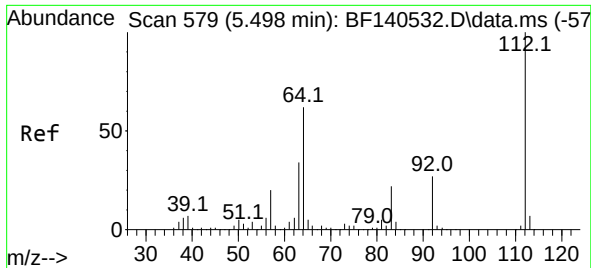
Ion Ratio Lower Upper

42 100

74 129.9 93.8 140.6

44 6.8 4.6 6.8

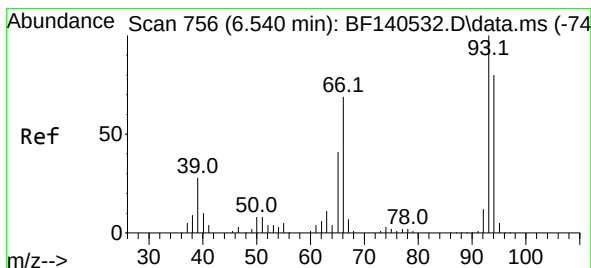
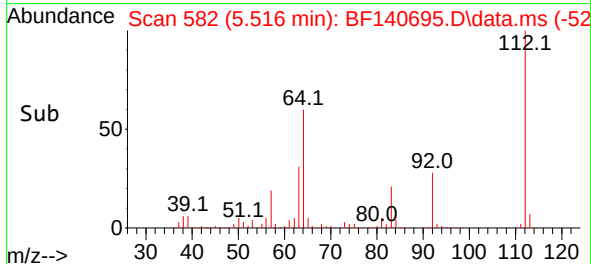
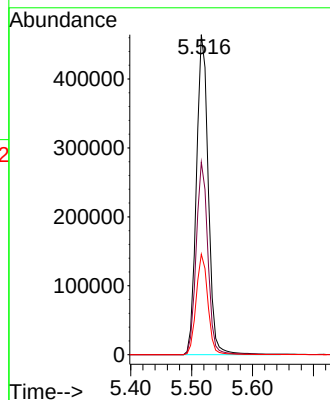
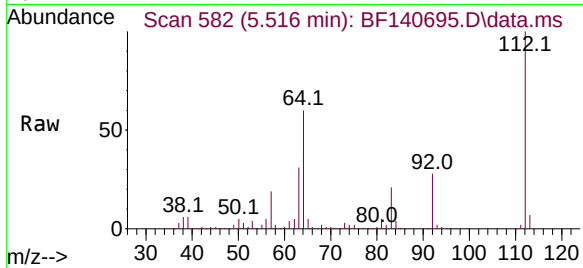




#5
2-Fluorophenol
Concen: 134.439 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

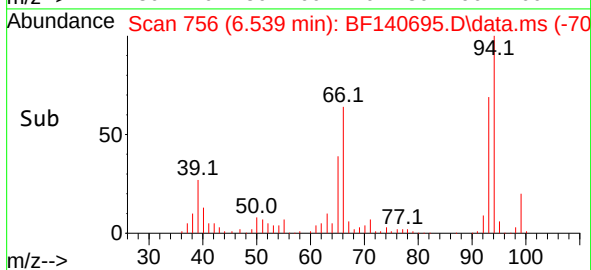
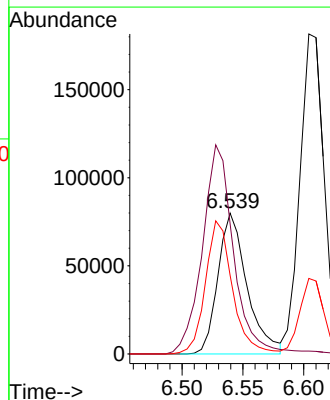
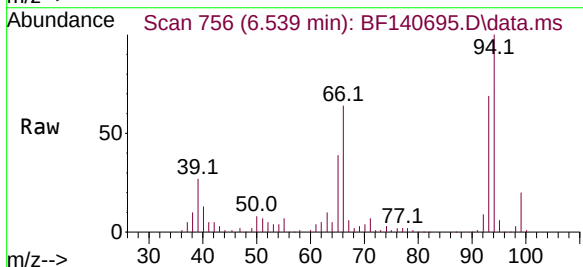
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STOCK-PILEMSD

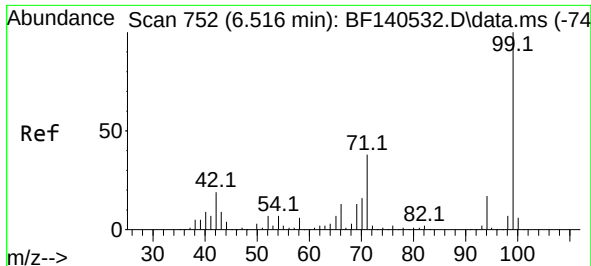
Tgt Ion:112 Resp: 629343
Ion Ratio Lower Upper
112 100
64 60.2 49.2 73.8
63 31.4 27.0 40.4



#6
Aniline
Concen: 30.482 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion: 93 Resp: 132780
Ion Ratio Lower Upper
93 100
66 92.4 56.5 84.7#
65 55.8 32.9 49.3#

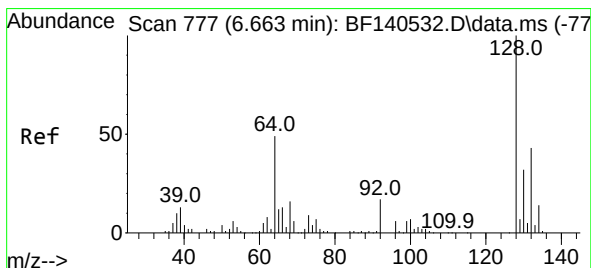
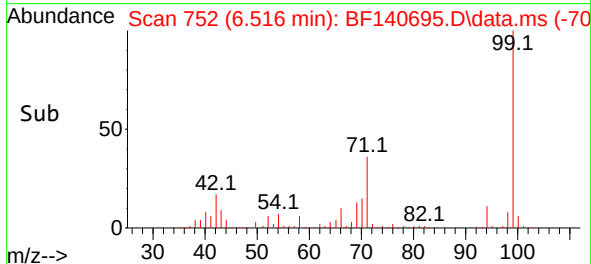
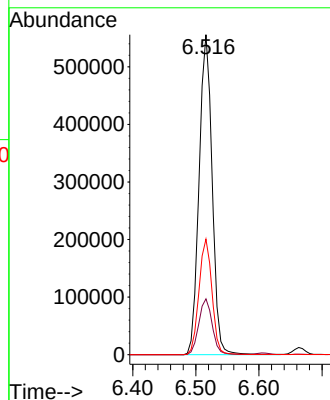
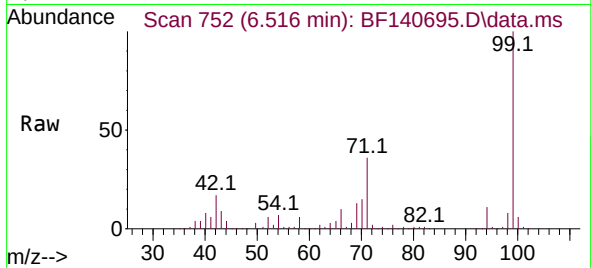




#7
Phenol-d6
Concen: 128.871 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

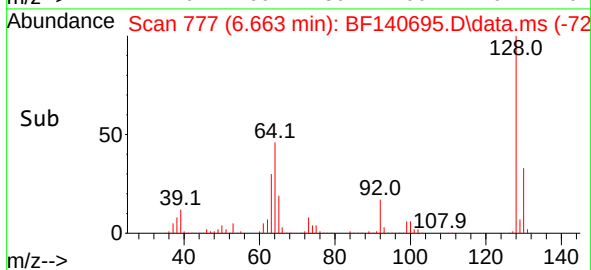
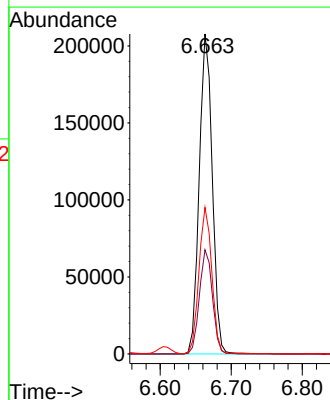
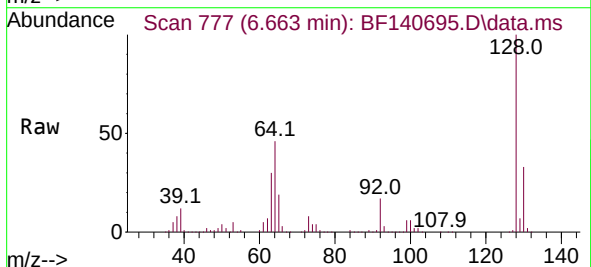
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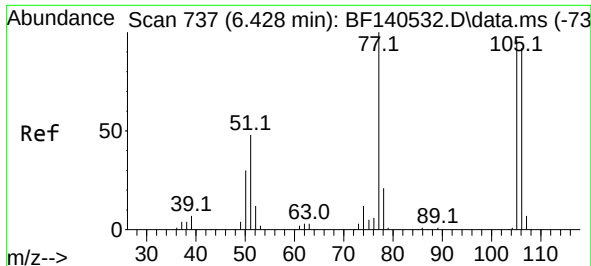
Tgt Ion: 99 Resp: 797549
Ion Ratio Lower Upper
99 100
42 17.5 15.4 23.0
71 36.1 30.6 46.0



#8
2-Chlorophenol
Concen: 52.738 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion: 128 Resp: 265603
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 45.8 30.2 70.2





#9

Benzaldehyde

Concen: 6.157 ng

RT: 6.428 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

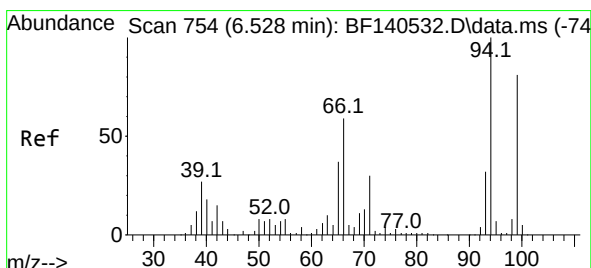
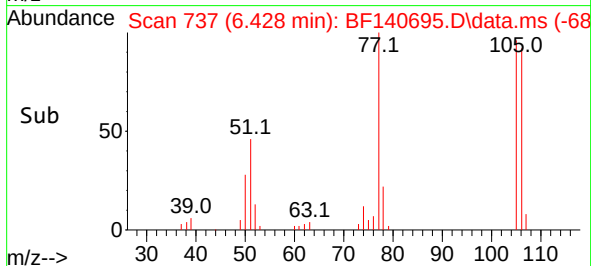
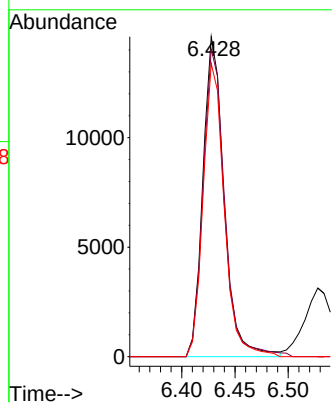
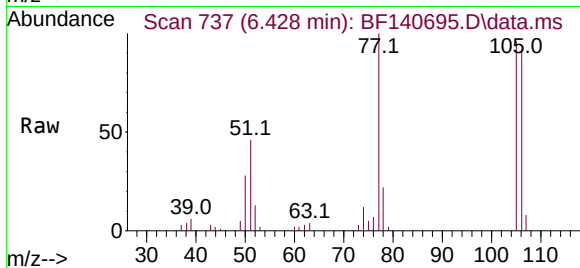
Tgt Ion: 77 Resp: 20171

Ion Ratio Lower Upper

77 100

105 96.2 75.6 115.6

106 91.6 72.0 112.0



#10

Phenol

Concen: 49.128 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.000 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

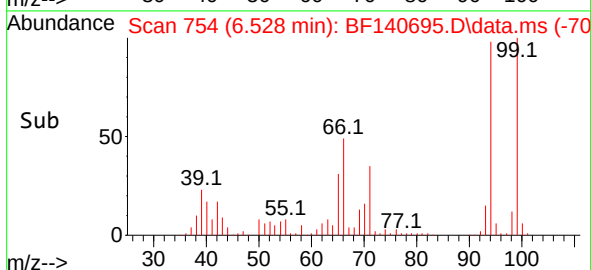
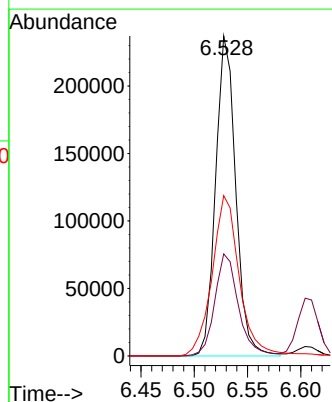
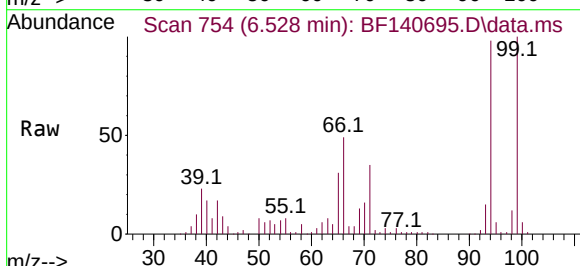
Tgt Ion: 94 Resp: 310498

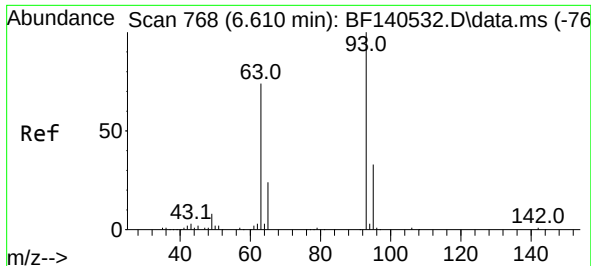
Ion Ratio Lower Upper

94 100

65 31.9 17.2 57.2

66 50.1 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 51.481 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

Instrument :

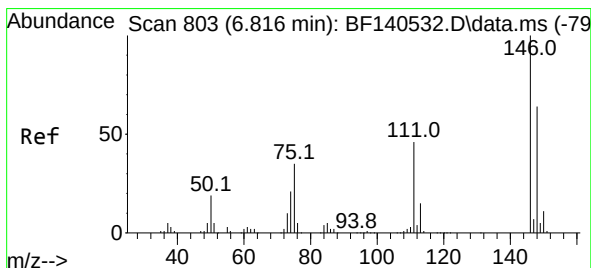
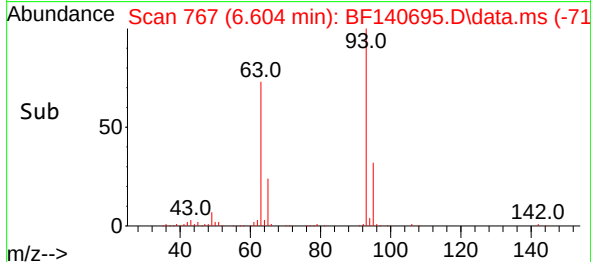
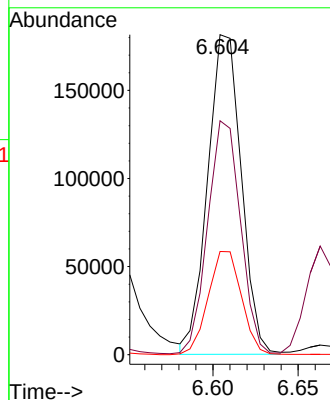
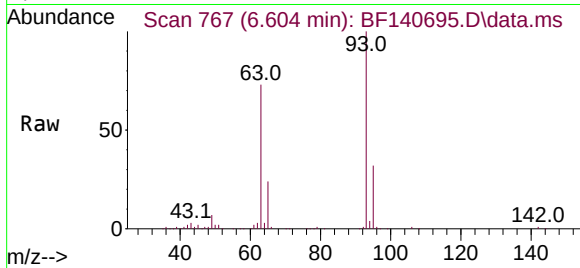
BNA_F

ClientSampleId :

STOCK-PILEMSD

Tgt Ion: 93 Resp: 248986

Ion	Ratio	Lower	Upper
93	100		
63	73.1	52.8	92.8
95	32.2	12.3	52.3



#12

1,3-Dichlorobenzene

Concen: 44.555 ng

RT: 6.810 min Scan# 802

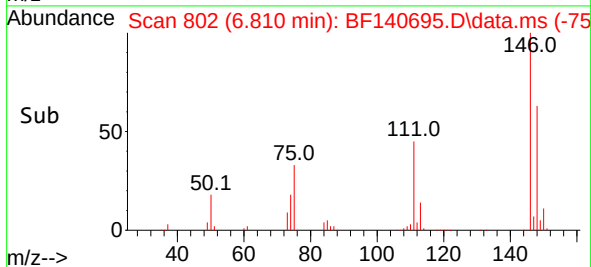
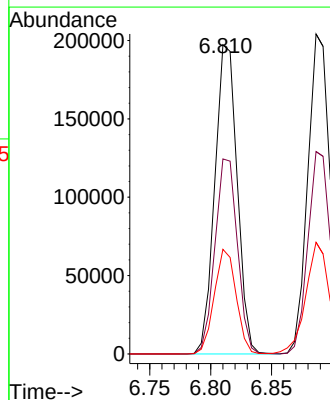
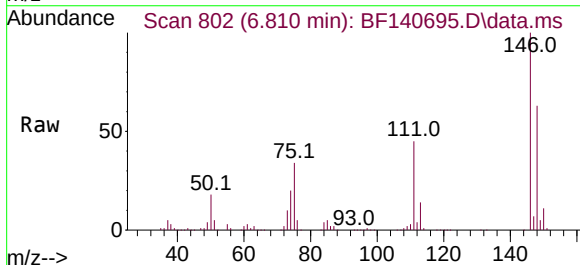
Delta R.T. -0.006 min

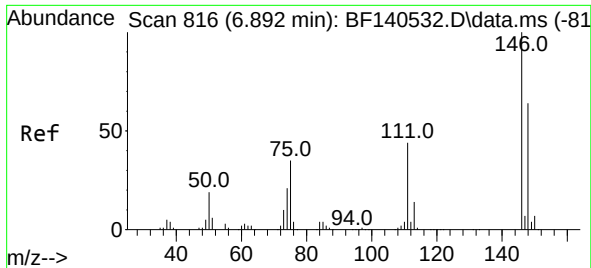
Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

Tgt Ion: 146 Resp: 252140

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.3	76.9
75	33.8	28.2	42.2

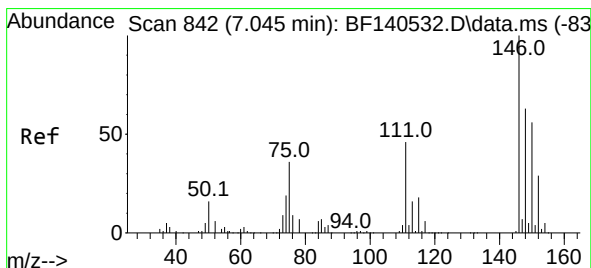
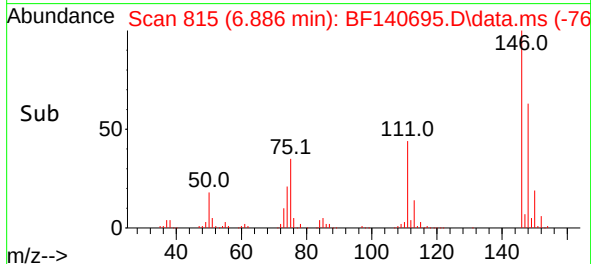
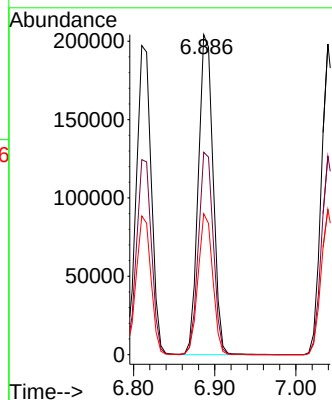
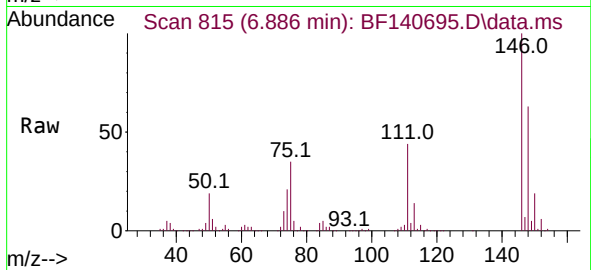




#13
1,4-Dichlorobenzene
Concen: 45.246 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

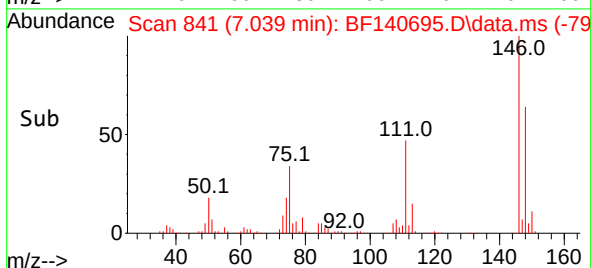
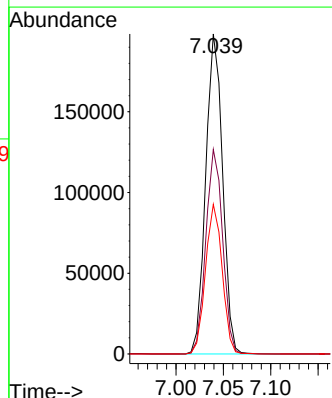
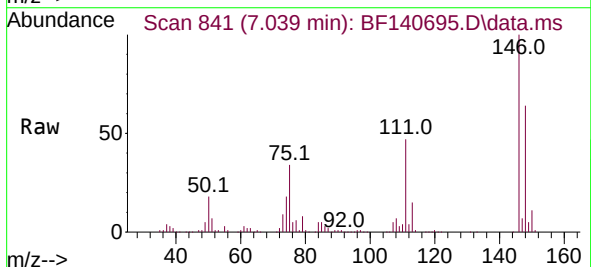
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

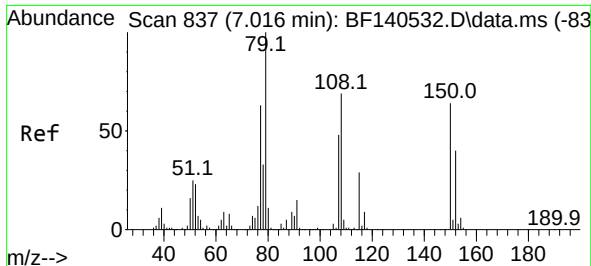
Tgt Ion:146 Resp: 259257
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.6
111 44.1 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 45.708 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion:146 Resp: 245416
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
111 46.7 36.7 55.1

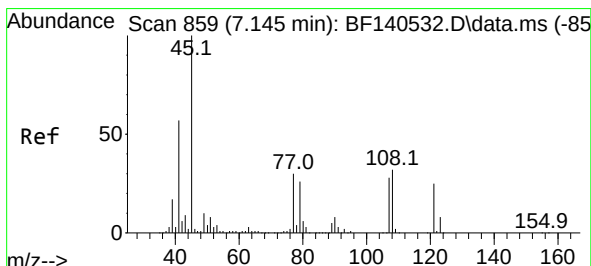
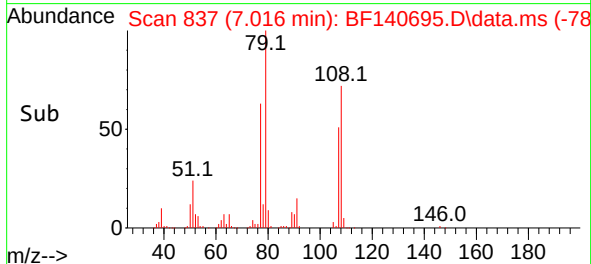
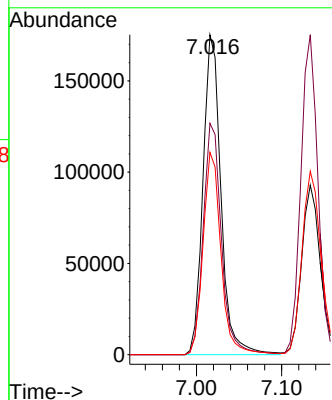
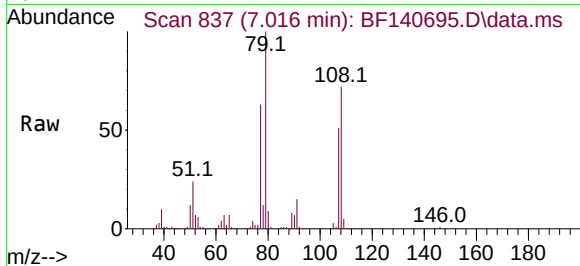




#15
Benzyl Alcohol
Concen: 55.982 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

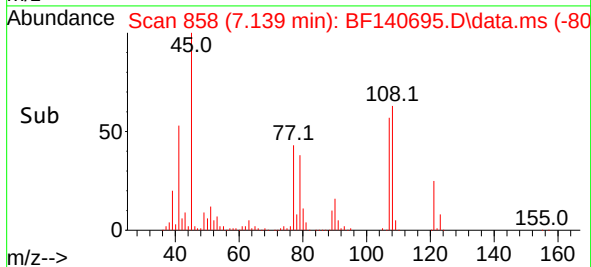
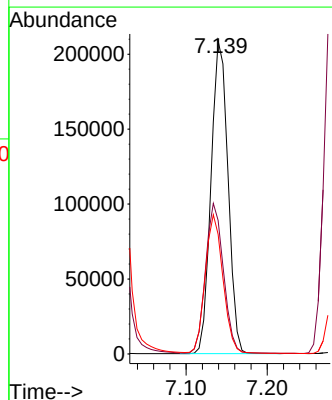
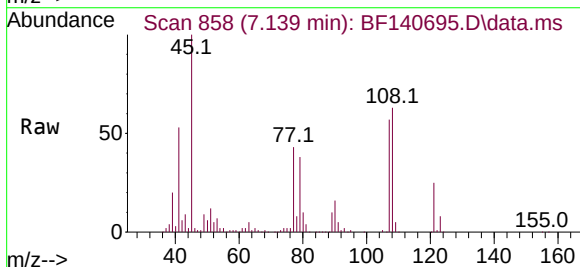
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

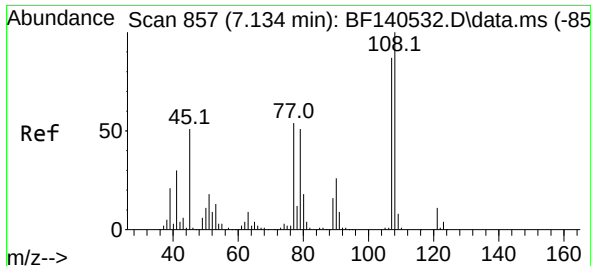
Tgt Ion: 79 Resp: 256932
Ion Ratio Lower Upper
79 100
108 72.3 55.0 82.6
77 63.2 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.874 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion: 45 Resp: 302104
Ion Ratio Lower Upper
45 100
77 42.6 10.7 50.7
79 38.2 7.0 47.0

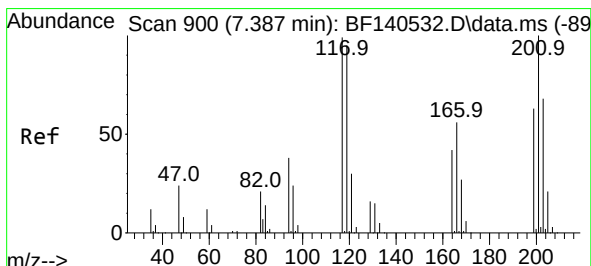
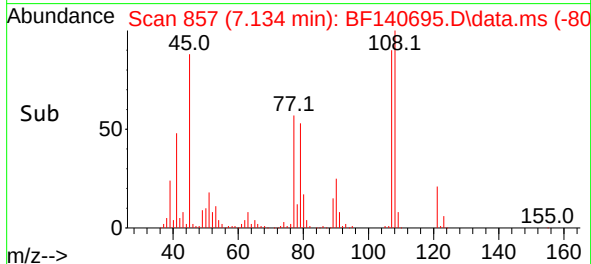
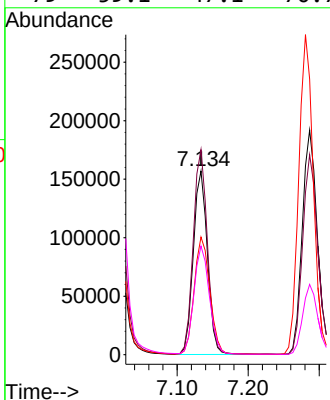
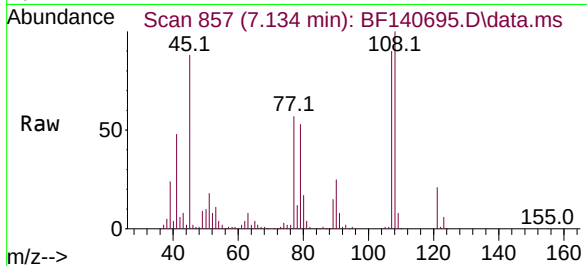




#17
2-Methylphenol
Concen: 53.961 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

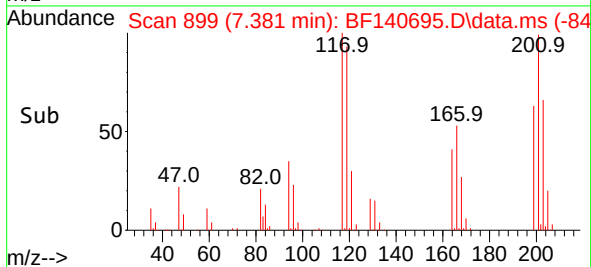
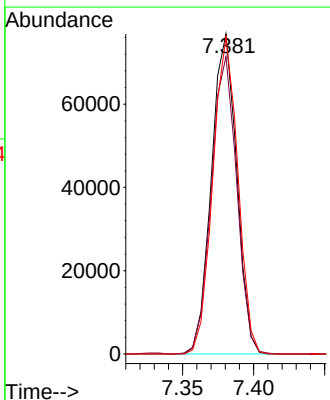
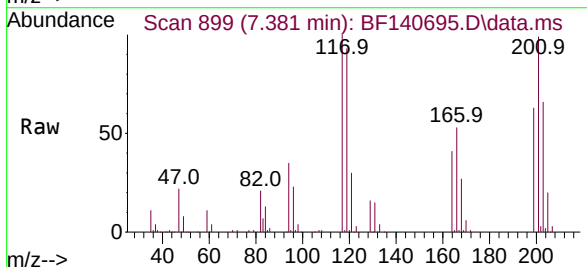
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

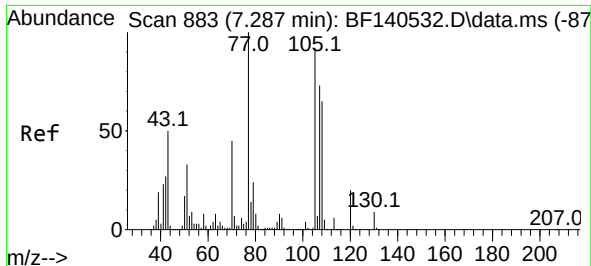
Tgt Ion:107 Resp: 217546
Ion Ratio Lower Upper
107 100
108 111.6 91.7 137.5
77 64.0 49.3 73.9
79 59.1 47.1 70.7



#18
Hexachloroethane
Concen: 44.378 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion:117 Resp: 94972
Ion Ratio Lower Upper
117 100
119 92.9 77.1 115.7
201 99.0 81.1 121.7



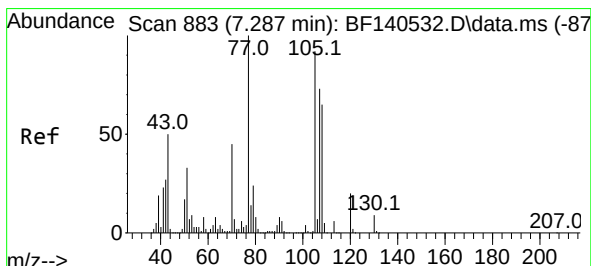
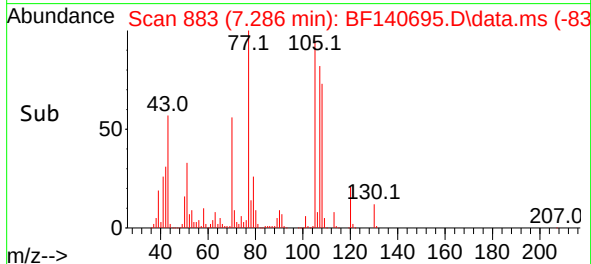
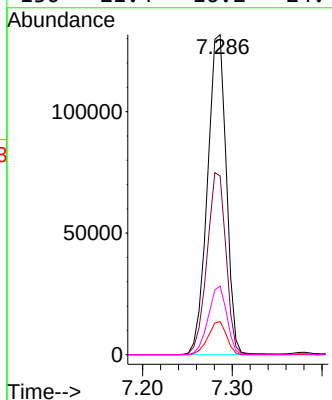
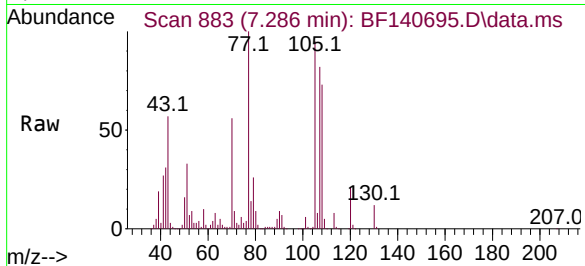


#19
n-Nitroso-di-n-propylamine
Concen: 52.615 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

Tgt Ion: 70 Resp: 192441

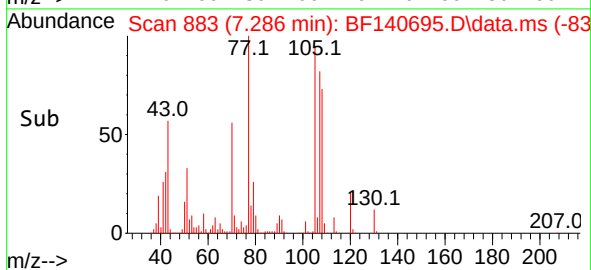
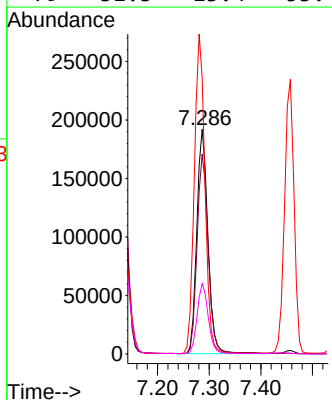
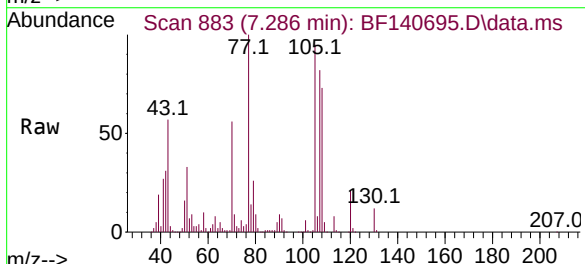
Ion	Ratio	Lower	Upper
70	100		
42	55.8	47.6	71.4
101	10.4	7.6	11.4
130	21.4	16.2	24.4

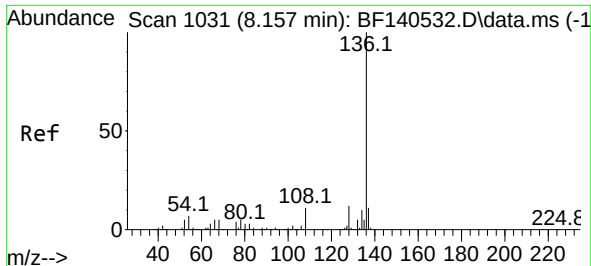


#20
3+4-Methylphenols
Concen: 55.192 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion: 107 Resp: 286001

Ion	Ratio	Lower	Upper
107	100		
108	89.1	69.9	109.9
77	122.6	117.7	157.7
79	31.3	13.4	53.4



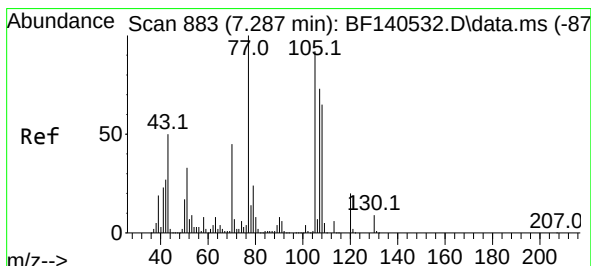
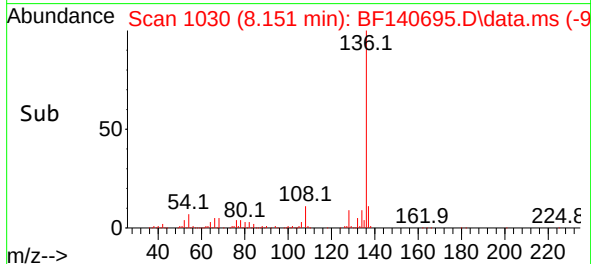
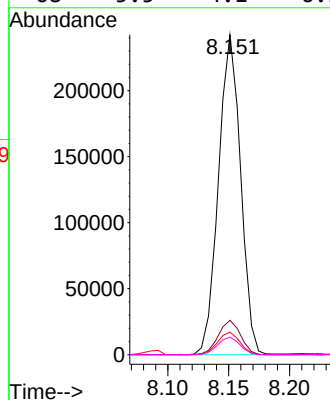
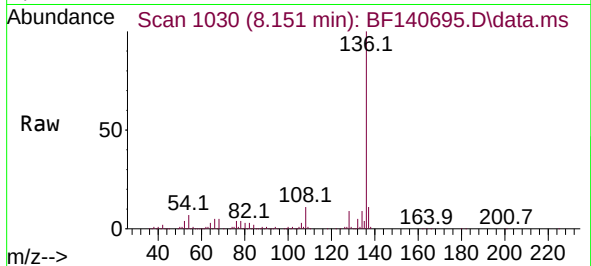


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

Tgt Ion:136 Resp: 306759

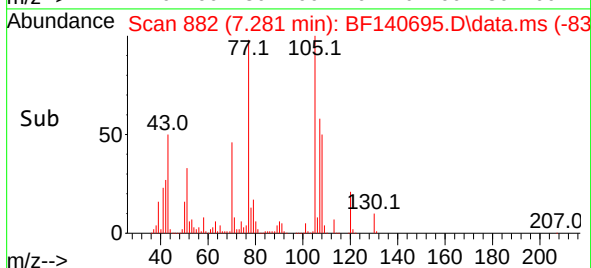
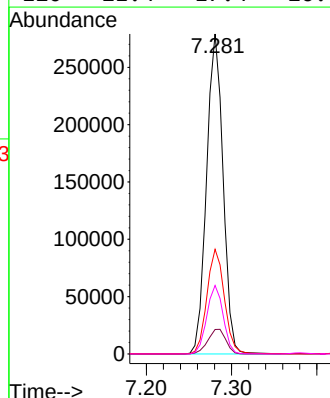
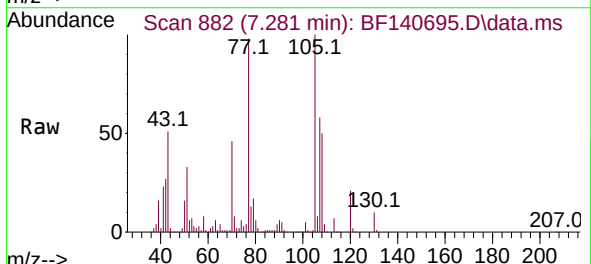
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.0	5.8	8.8
68	5.5	4.1	6.1

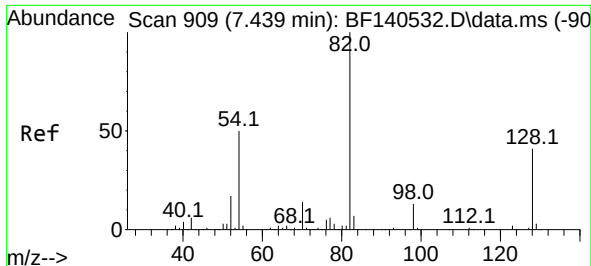


#22
Acetophenone
Concen: 50.237 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion:105 Resp: 375707

Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.2	9.2
51	32.7	29.0	43.6
120	21.4	17.4	26.0

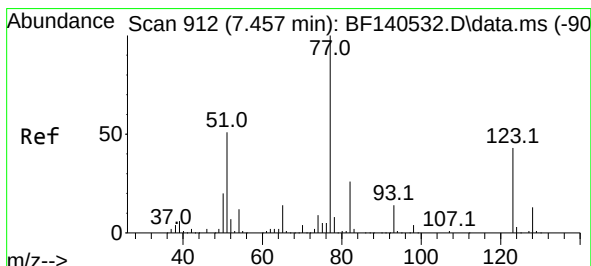
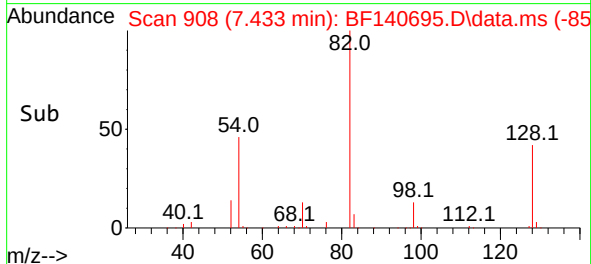
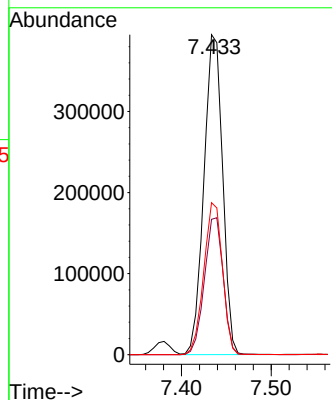
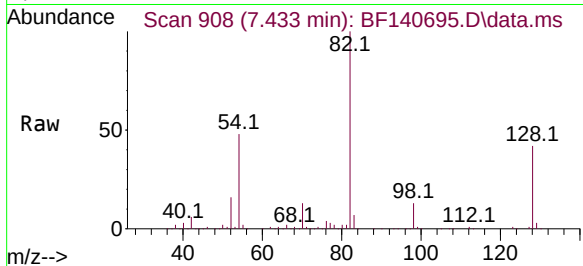




#23
Nitrobenzene-d5
Concen: 95.233 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

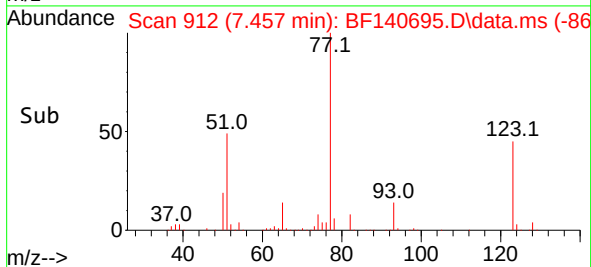
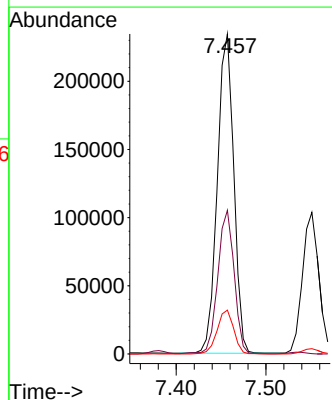
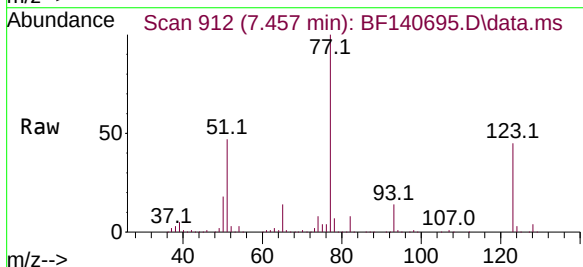
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

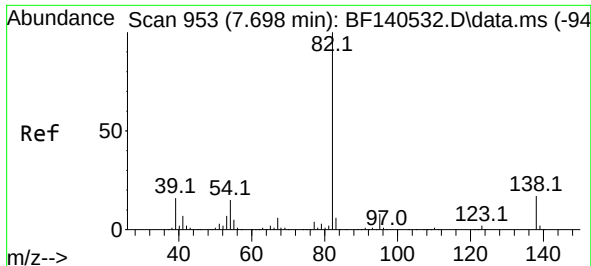
Tgt Ion: 82 Resp: 571131
Ion Ratio Lower Upper
82 100
128 42.3 33.0 49.4
54 47.5 39.5 59.3



#24
Nitrobenzene
Concen: 48.081 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion: 77 Resp: 298019
Ion Ratio Lower Upper
77 100
123 44.9 34.3 51.5
65 13.7 11.2 16.8

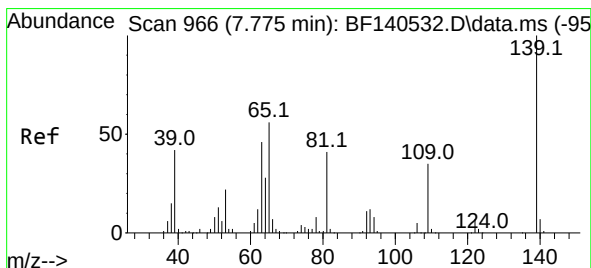
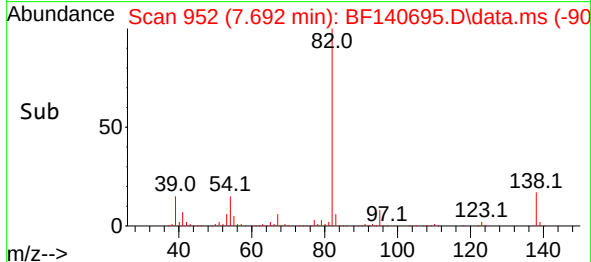
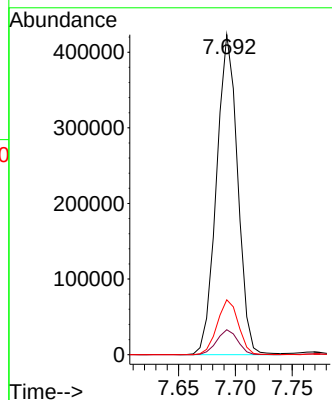
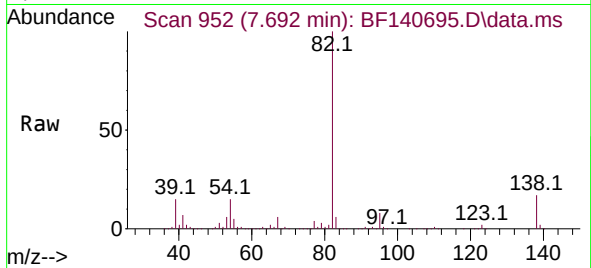




#25
Isophorone
Concen: 54.859 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

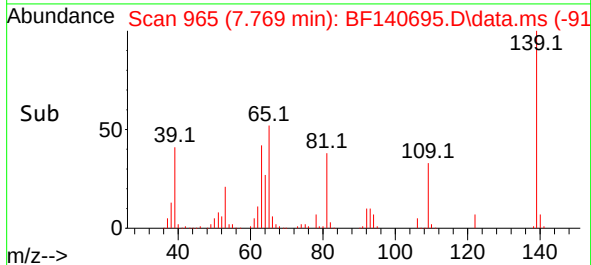
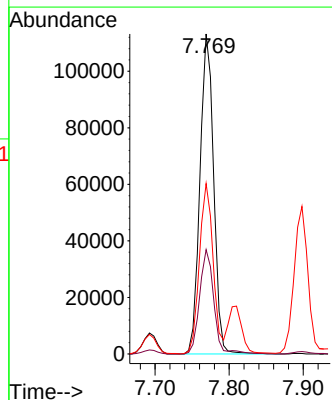
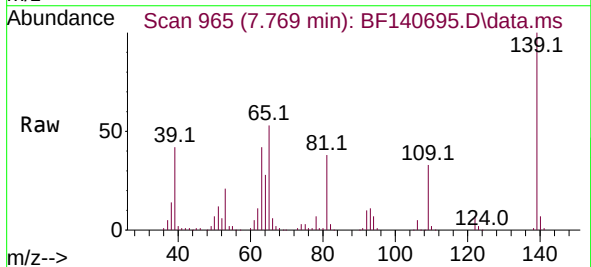
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

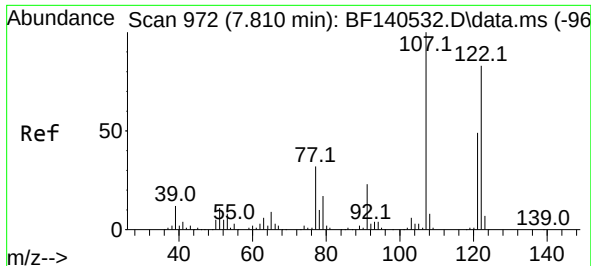
Tgt Ion: 82 Resp: 548749
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.1 13.8 20.6



#26
2-Nitrophenol
Concen: 52.861 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion:139 Resp: 145198
Ion Ratio Lower Upper
139 100
109 32.6 28.0 42.0
65 53.2 44.6 67.0

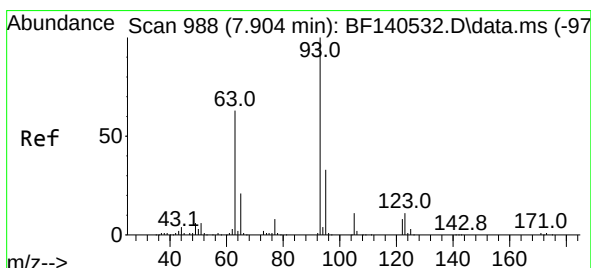
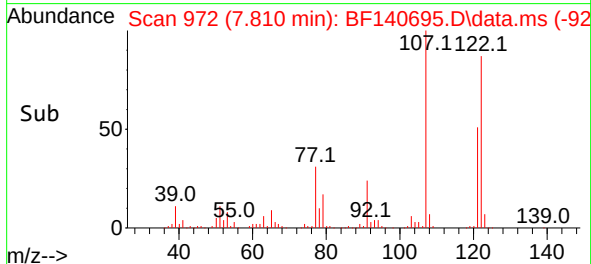
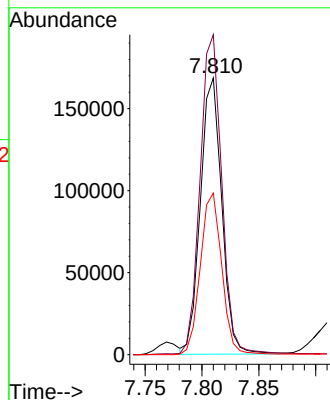
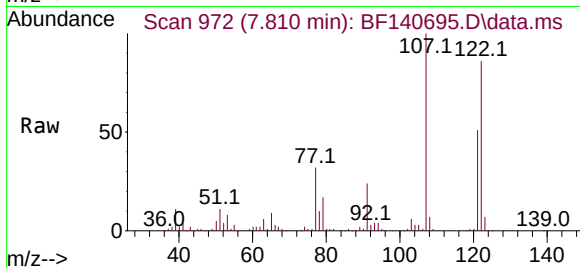




#27
2,4-Dimethylphenol
Concen: 67.036 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

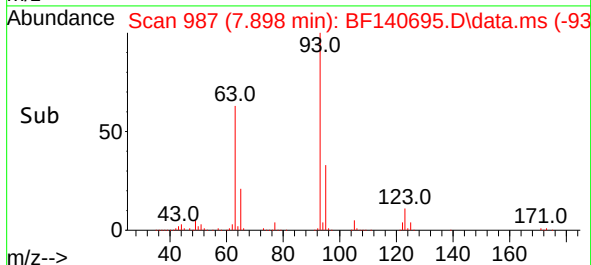
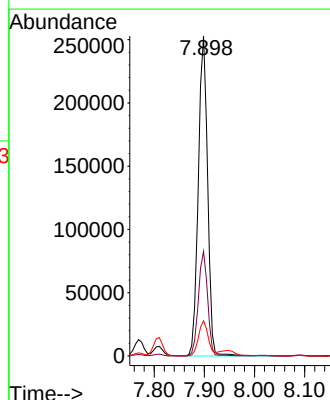
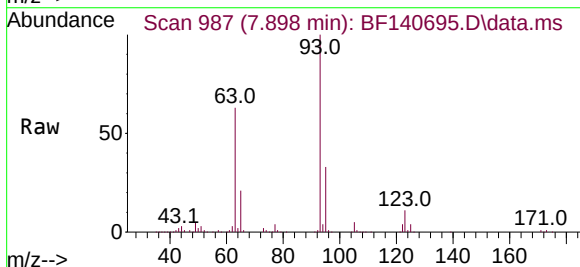
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

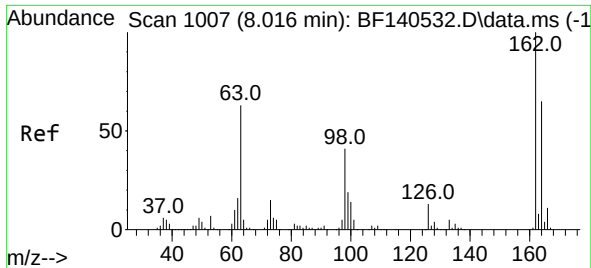
Tgt Ion:122 Resp: 220314
Ion Ratio Lower Upper
122 100
107 115.6 96.8 145.2
121 58.4 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 53.370 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion: 93 Resp: 325224
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 55.372 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

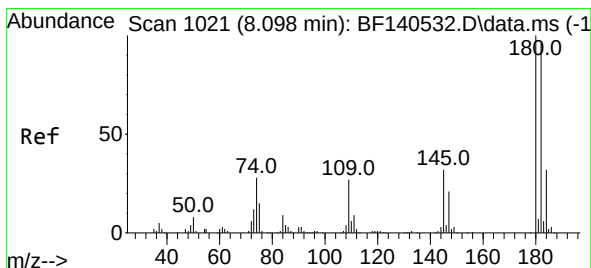
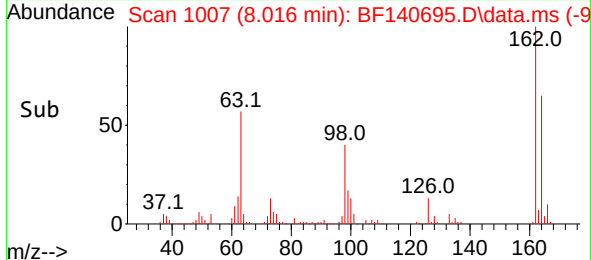
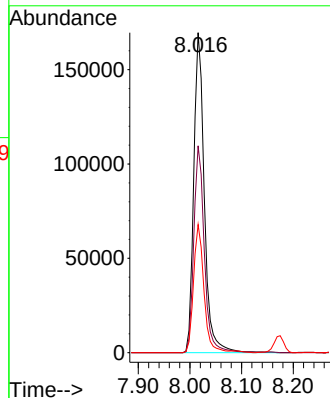
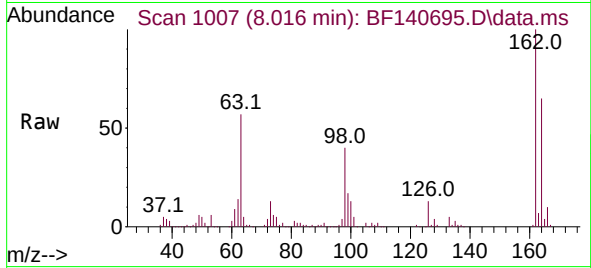
Tgt Ion:162 Resp: 241136

Ion Ratio Lower Upper

162 100

164 64.7 44.8 84.8

98 40.1 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 46.417 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

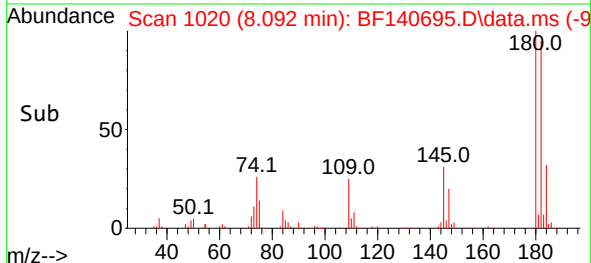
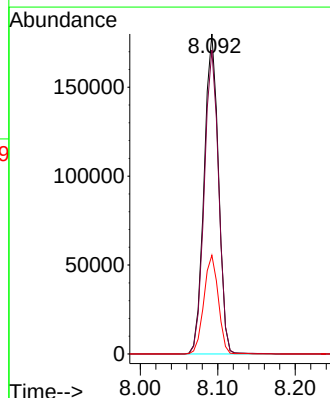
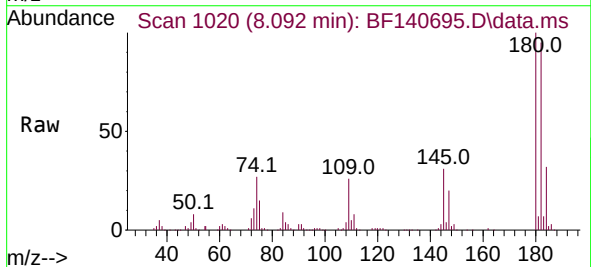
Tgt Ion:180 Resp: 230797

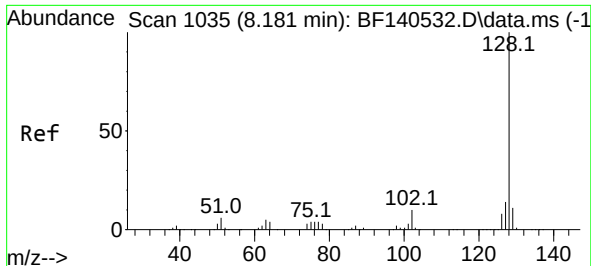
Ion Ratio Lower Upper

180 100

182 95.0 76.4 114.6

145 30.8 25.9 38.9

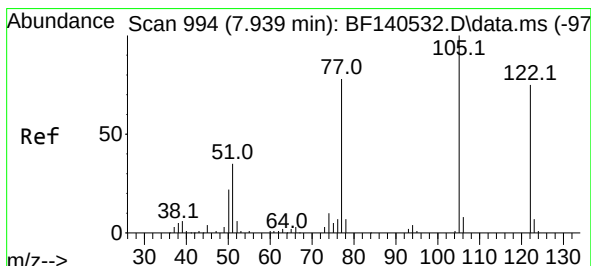
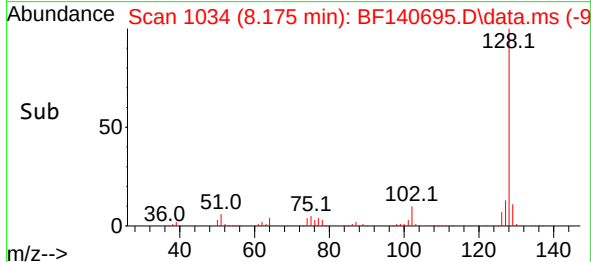
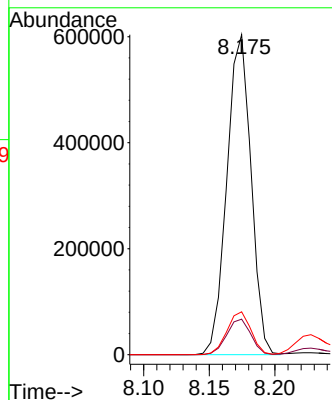
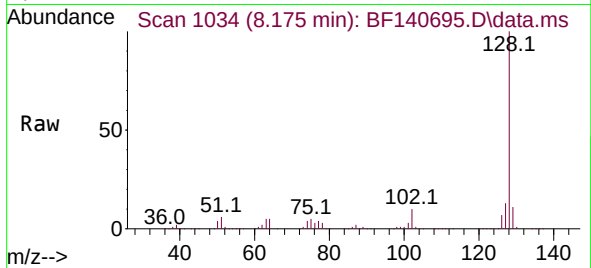




#31
Naphthalene
Concen: 49.037 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

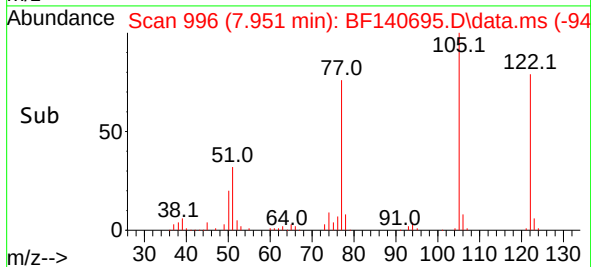
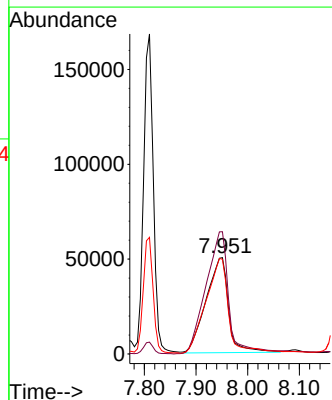
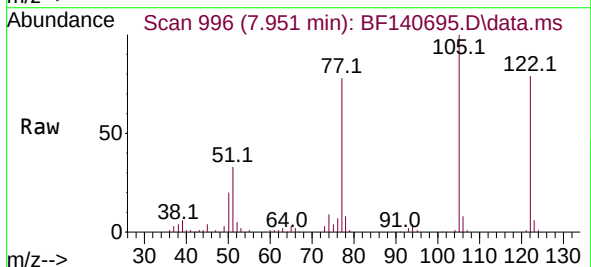
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

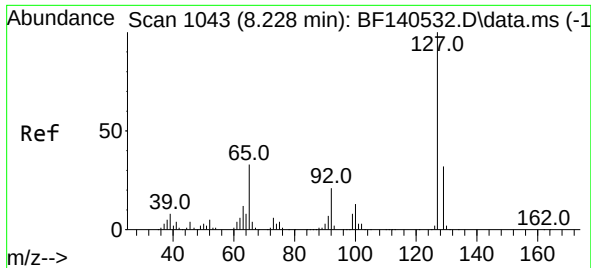
Tgt Ion:128 Resp: 774818
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 52.312 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion:122 Resp: 151784
Ion Ratio Lower Upper
122 100
105 126.8 109.3 149.3
77 98.3 82.3 122.3

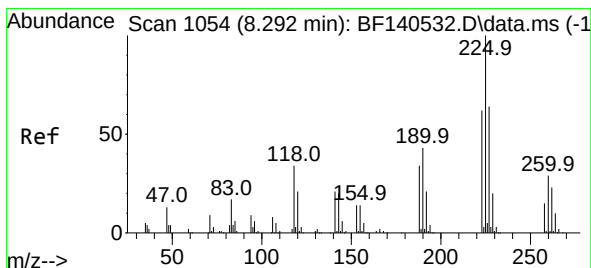
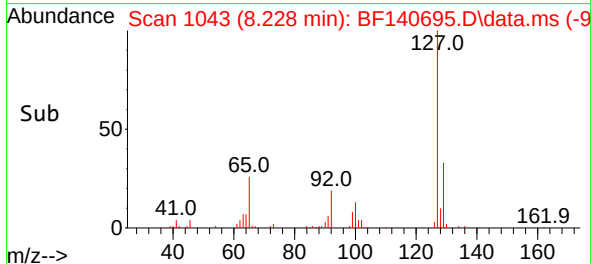
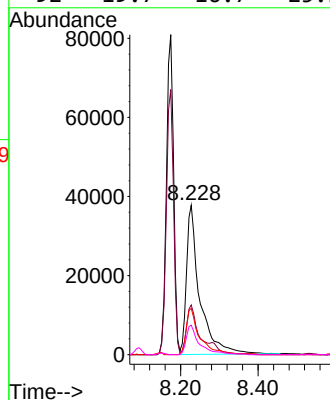
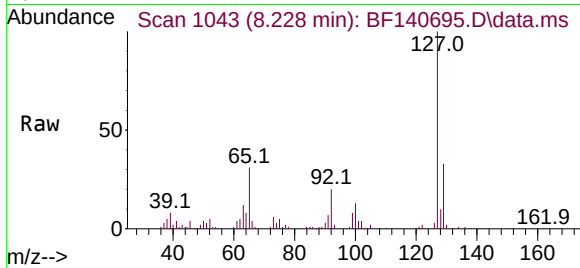




#33
4-Chloroaniline
Concen: 18.894 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

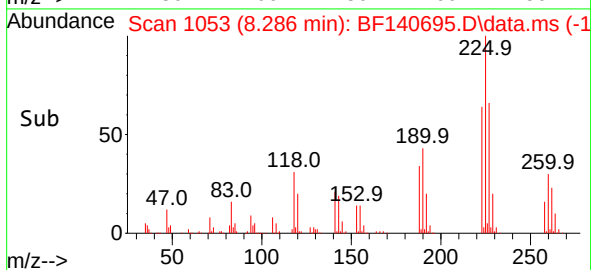
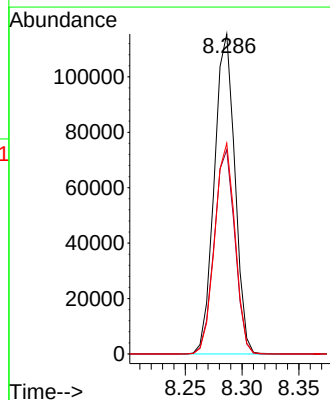
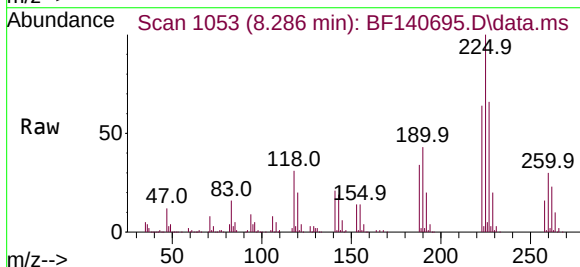
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

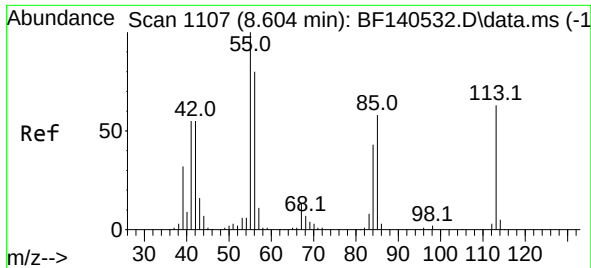
Tgt Ion:	127	Resp:	89383
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.0	39.0
65	30.9	26.0	39.0
92	19.7	16.7	25.1



#34
Hexachlorobutadiene
Concen: 44.149 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion:	225	Resp:	145402
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.8	74.8
227	65.8	51.3	76.9

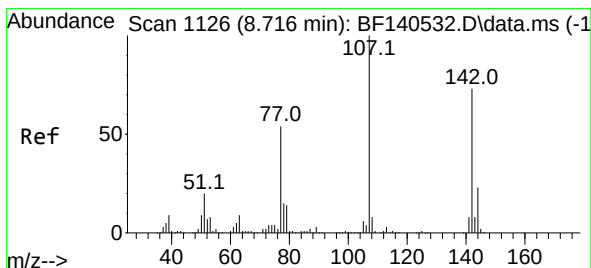
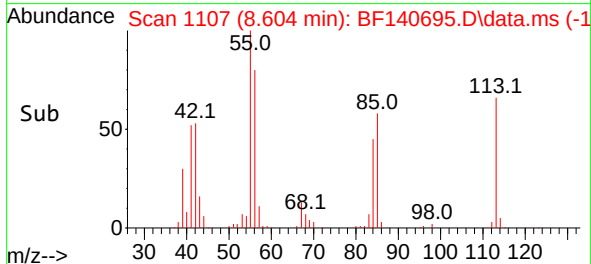
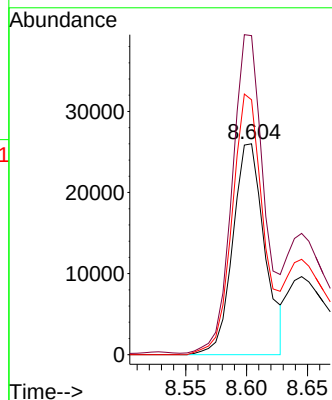
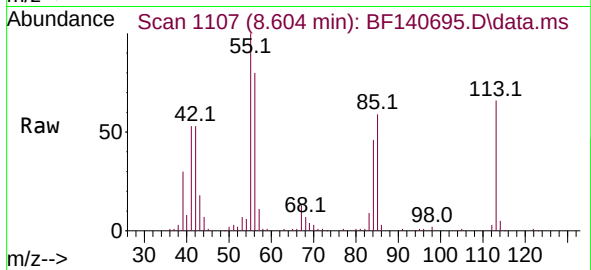




#35
 Caprolactam
 Concen: 35.122 ng
 RT: 8.604 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF140695.D
 Acq: 02 Dec 2024 18:05

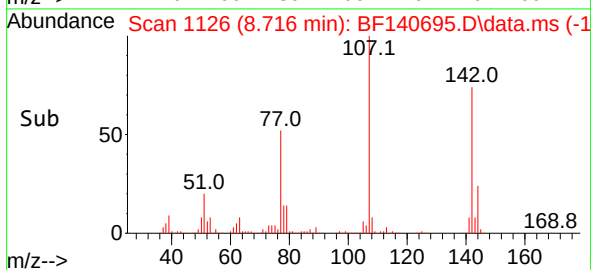
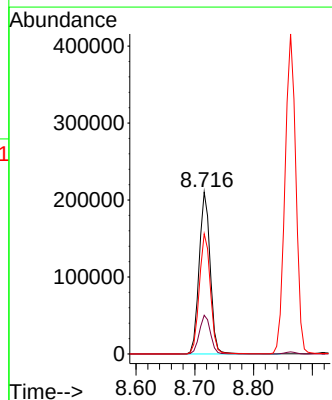
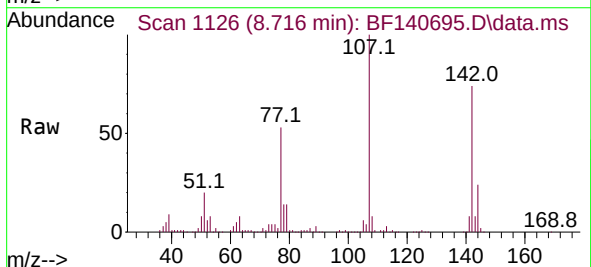
Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILEMSD

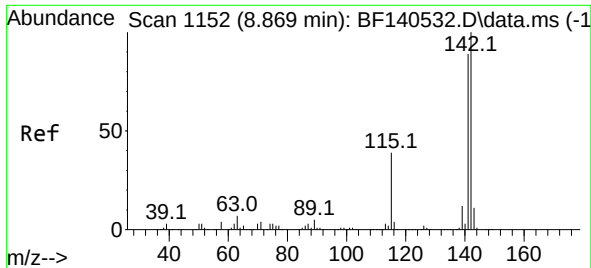
Tgt Ion:113 Resp: 47333
 Ion Ratio Lower Upper
 113 100
 55 151.3 137.7 177.7
 56 120.8 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 56.361 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: BF140695.D
 Acq: 02 Dec 2024 18:05

Tgt Ion:107 Resp: 274806
 Ion Ratio Lower Upper
 107 100
 144 24.0 18.7 28.1
 142 74.2 58.3 87.5

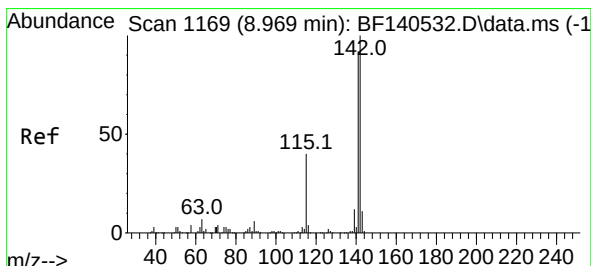
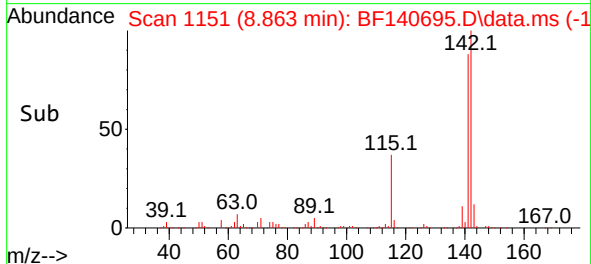
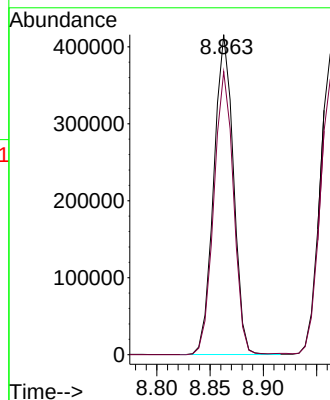
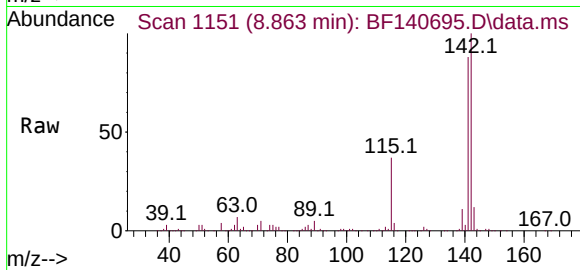




#37
2-Methylnaphthalene
Concen: 52.950 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

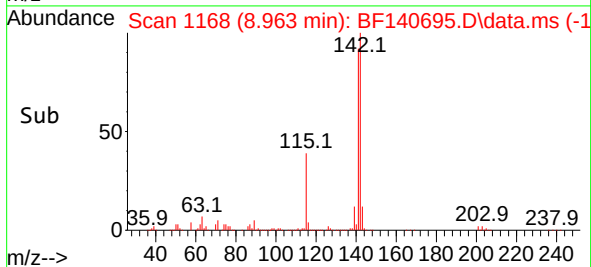
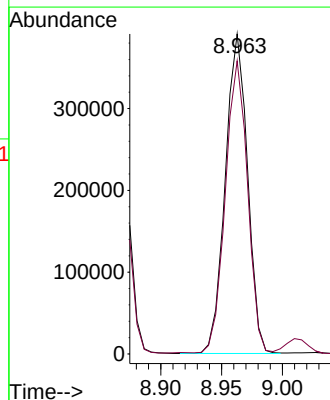
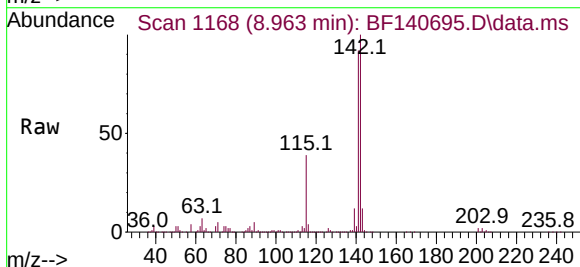
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

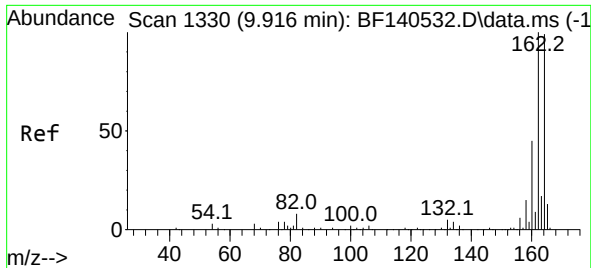
Tgt Ion:142 Resp: 531404
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6



#38
1-Methylnaphthalene
Concen: 50.487 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion:142 Resp: 496655
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

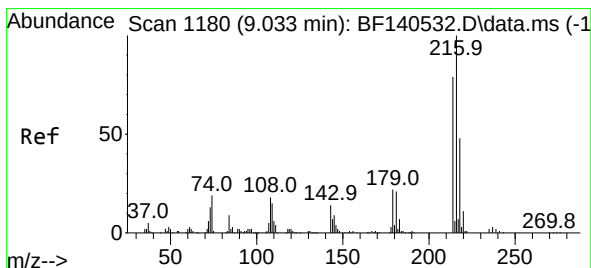
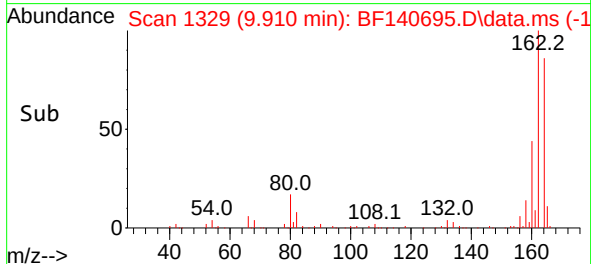
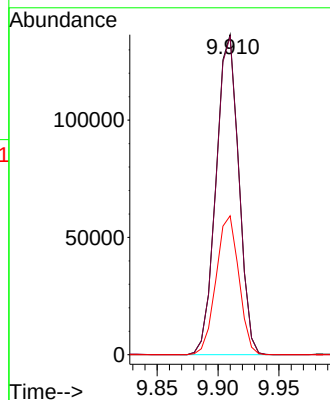
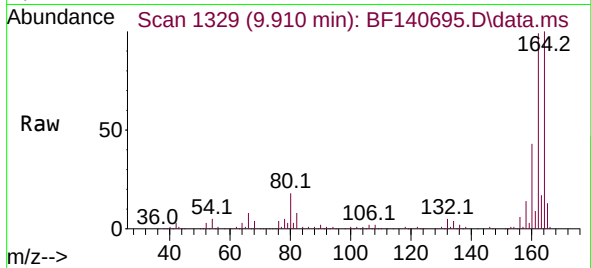
Tgt Ion:164 Resp: 176975

Ion Ratio Lower Upper

164 100

162 99.4 80.6 120.8

160 43.4 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.369 ng

RT: 9.027 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

Tgt Ion:216 Resp: 260959

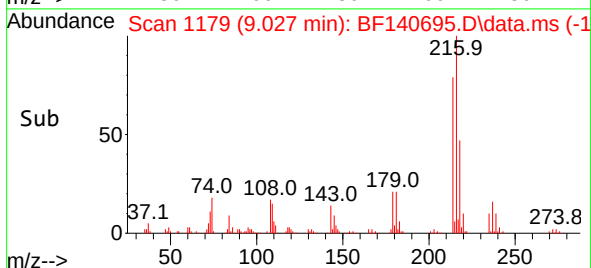
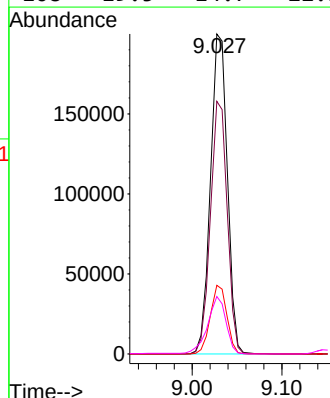
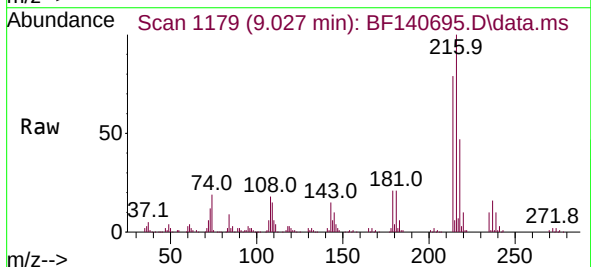
Ion Ratio Lower Upper

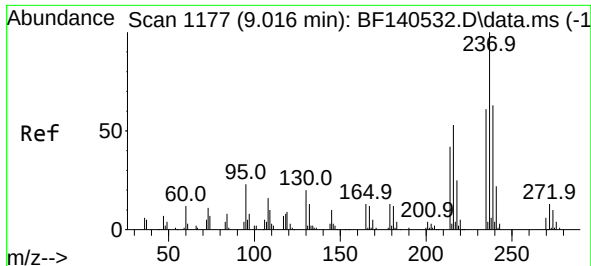
216 100

214 78.7 63.0 94.4

179 21.0 17.5 26.3

108 19.5 14.7 22.1

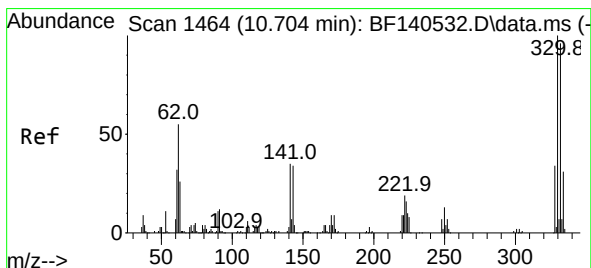
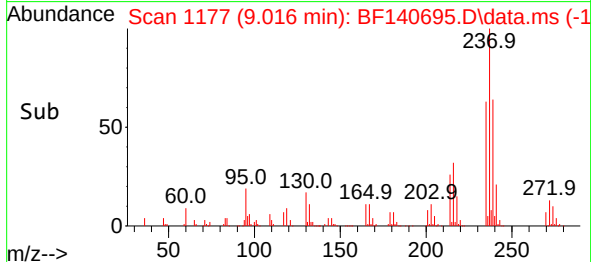
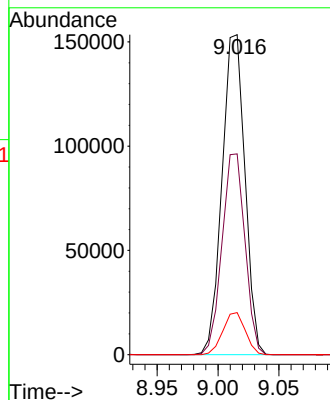
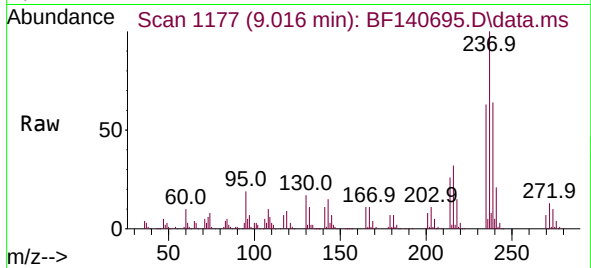




#41
Hexachlorocyclopentadiene
Concen: 164.194 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

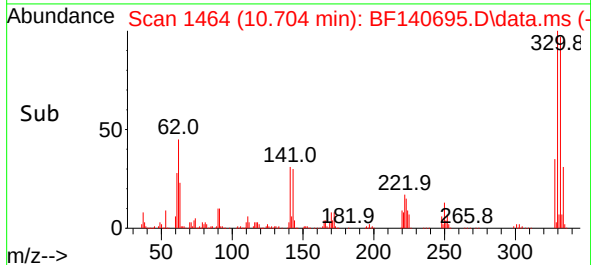
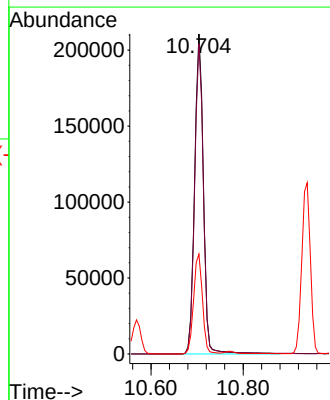
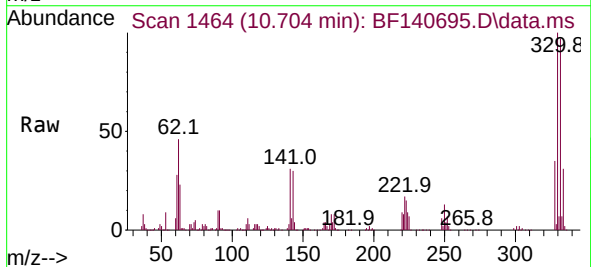
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

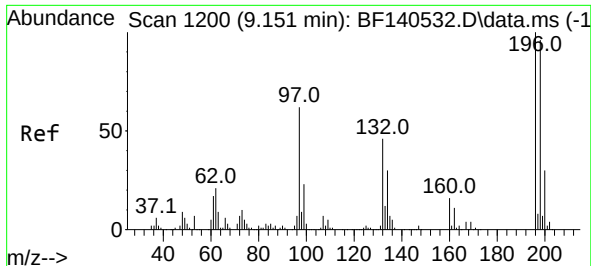
Tgt Ion:237 Resp: 201048
Ion Ratio Lower Upper
237 100
235 62.7 41.1 81.1
272 13.1 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 147.442 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

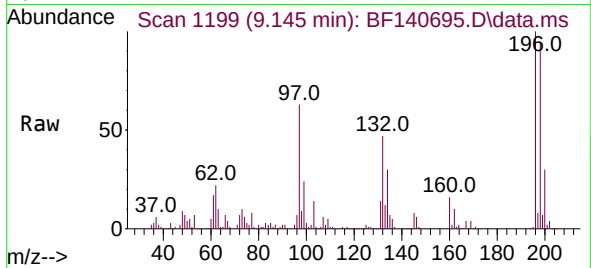
Tgt Ion:330 Resp: 279072
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 31.5 26.7 40.1



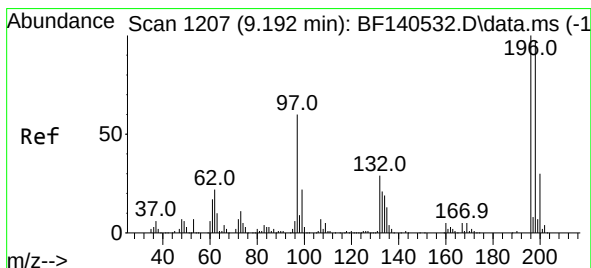
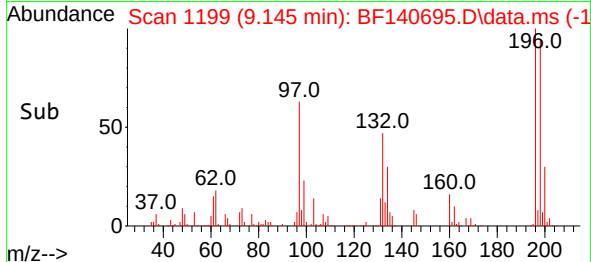
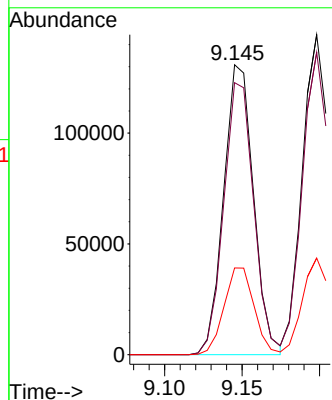


#43
2,4,6-Trichlorophenol
Concen: 54.005 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

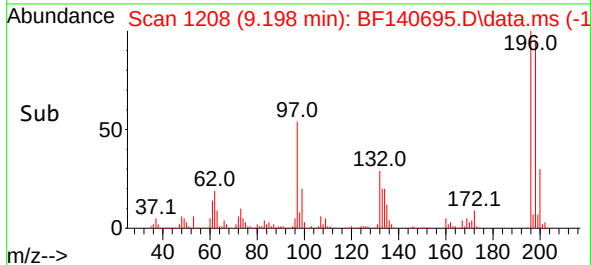
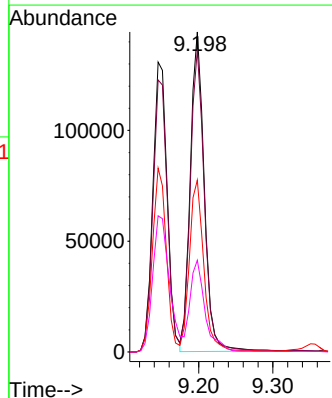
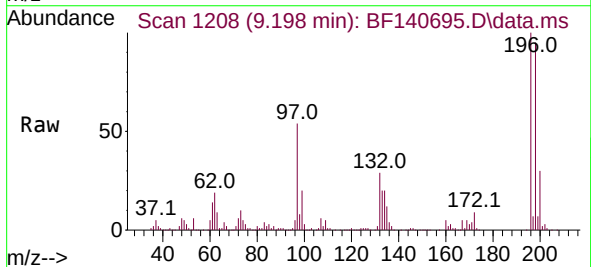


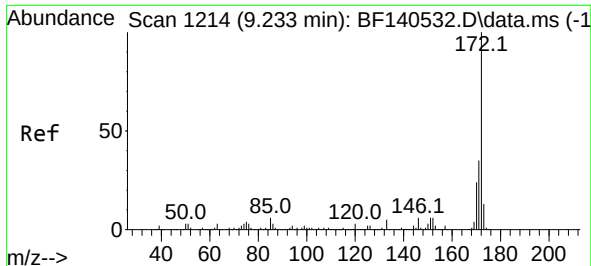
Tgt Ion:196 Resp: 175571
Ion Ratio Lower Upper
196 100
198 93.8 76.8 115.2
200 29.9 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 53.778 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion:196 Resp: 189741
Ion Ratio Lower Upper
196 100
198 94.5 77.2 115.8
97 53.7 47.1 70.7
132 28.6 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 92.332 ng

RT: 9.227 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

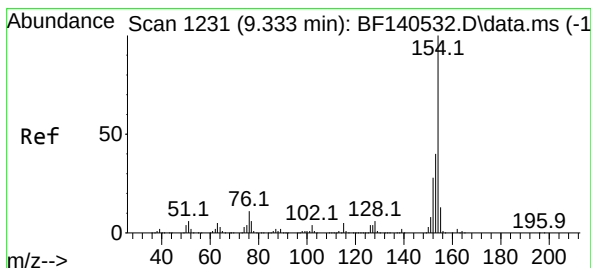
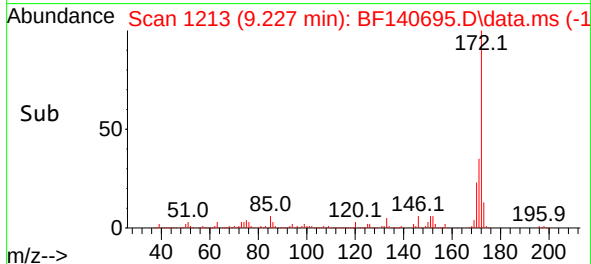
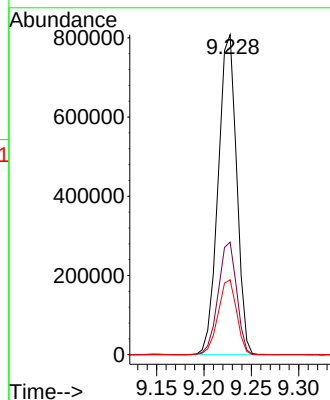
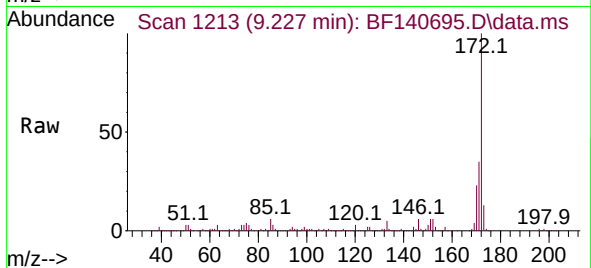
Tgt Ion:172 Resp: 1096718

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 51.493 ng

RT: 9.327 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

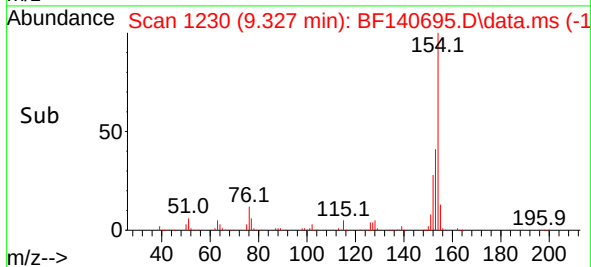
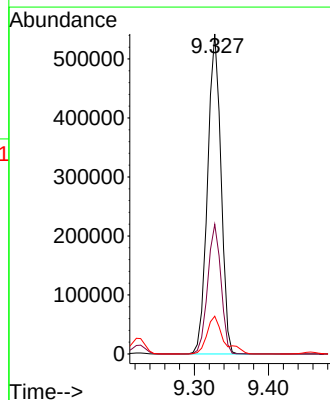
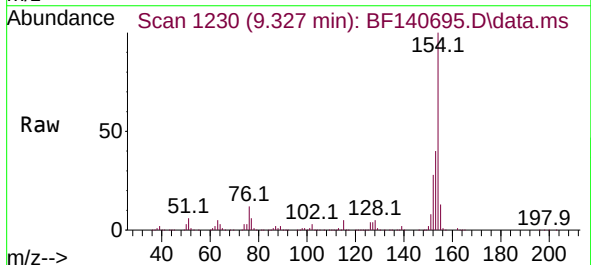
Tgt Ion:154 Resp: 680379

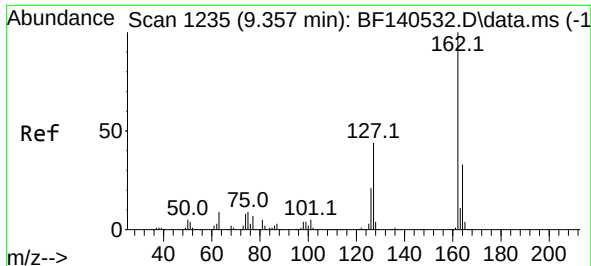
Ion Ratio Lower Upper

154 100

153 40.5 20.4 60.4

76 11.8 0.0 31.2

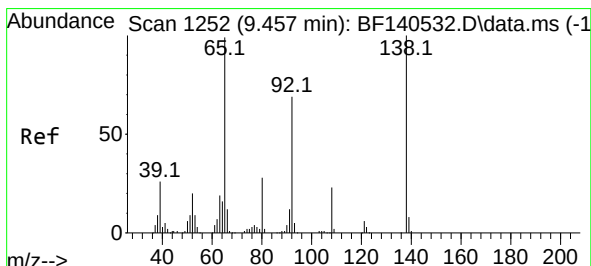
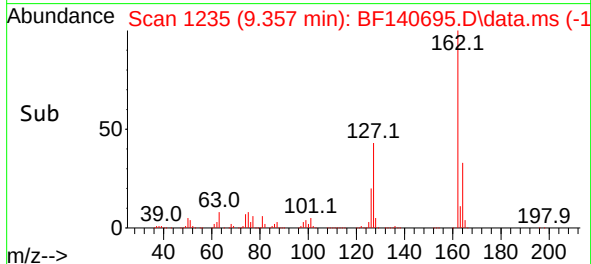
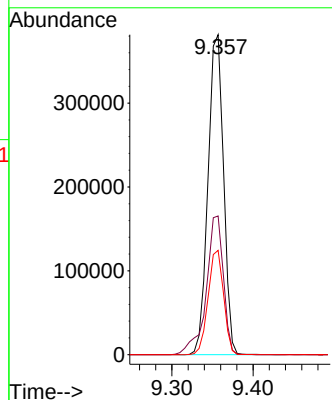
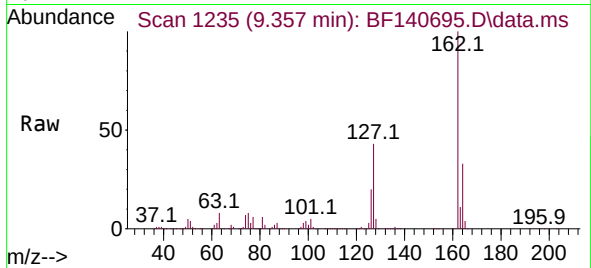




#47
2-Chloronaphthalene
Concen: 50.644 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

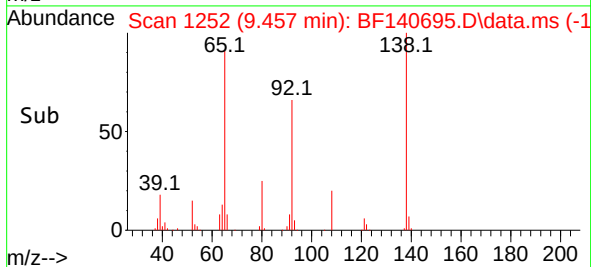
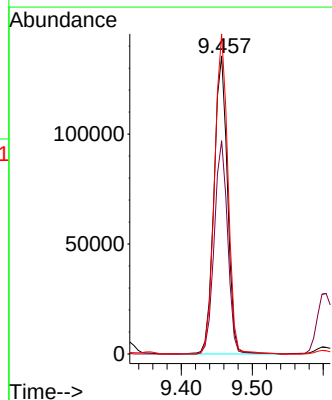
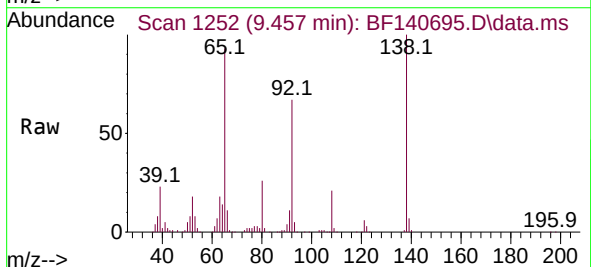
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

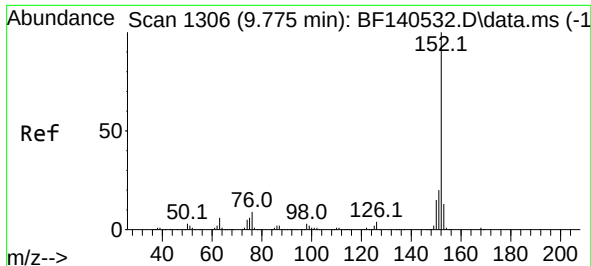
Tgt Ion:162 Resp: 507039
Ion Ratio Lower Upper
162 100
127 43.4 35.7 53.5
164 32.6 26.1 39.1



#48
2-Nitroaniline
Concen: 55.589 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion: 65 Resp: 178640
Ion Ratio Lower Upper
65 100
92 71.5 56.1 84.1
138 107.4 81.0 121.6





#49

Acenaphthylene

Concen: 56.485 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

Instrument :

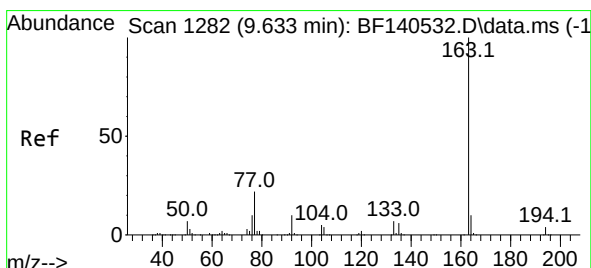
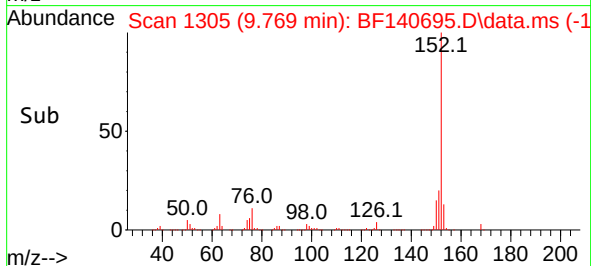
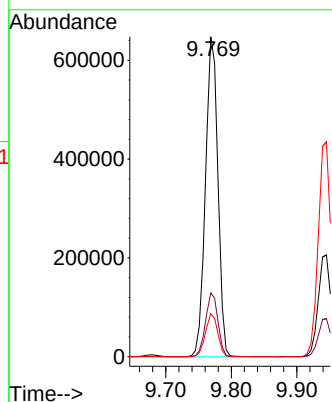
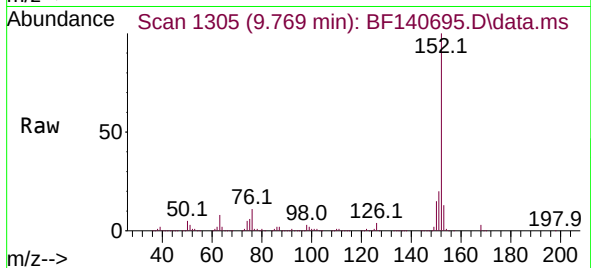
BNA_F

ClientSampleId :

STOCK-PILEMSD

Tgt Ion:152 Resp: 854462

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.4	10.6	16.0



#50

Dimethylphthalate

Concen: 56.354 ng

RT: 9.627 min Scan# 1281

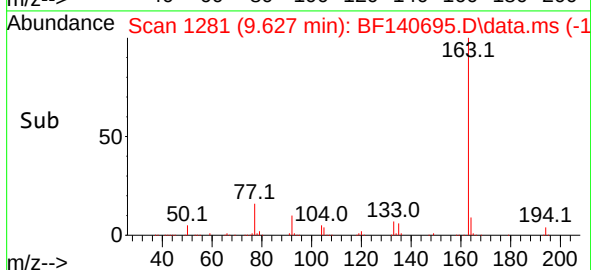
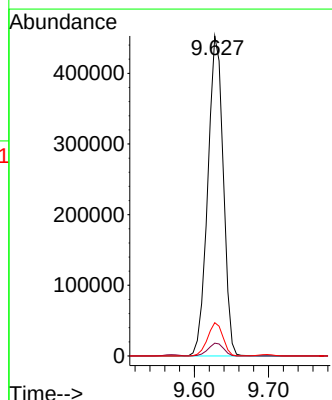
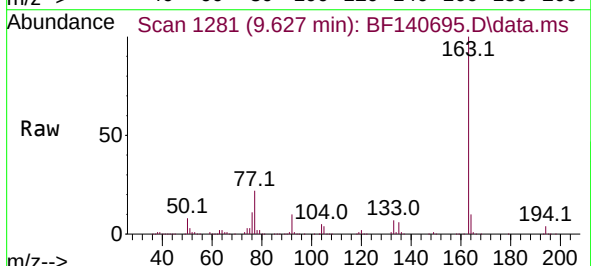
Delta R.T. -0.006 min

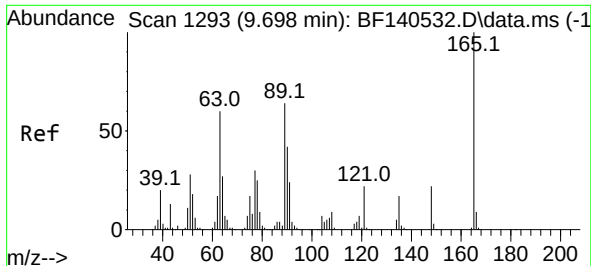
Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

Tgt Ion:163 Resp: 656836

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.4	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 53.612 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

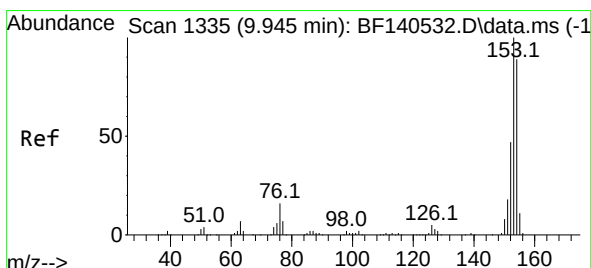
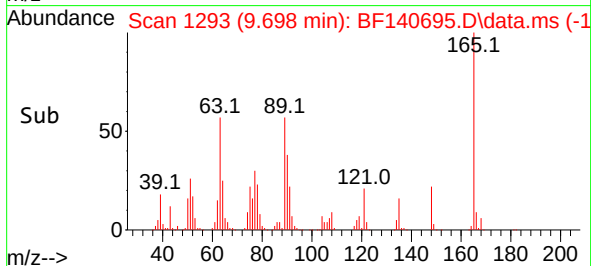
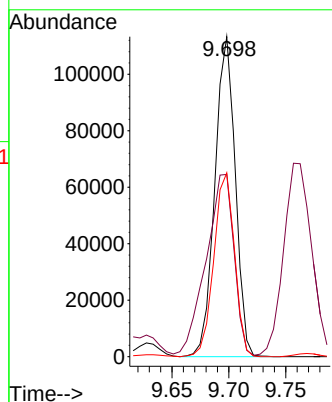
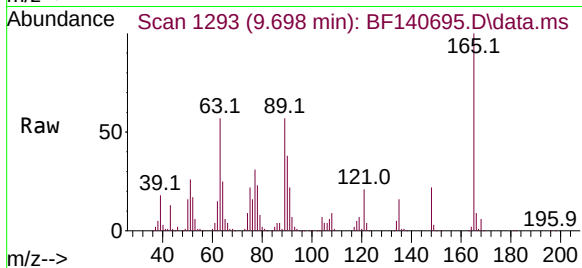
Tgt Ion:165 Resp: 141717

Ion Ratio Lower Upper

165 100

63 56.9 49.9 74.9

89 57.4 50.9 76.3



#52

Acenaphthene

Concen: 53.701 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.000 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

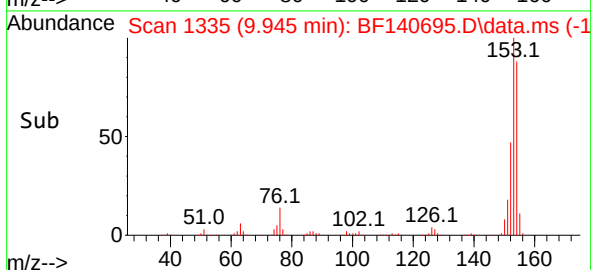
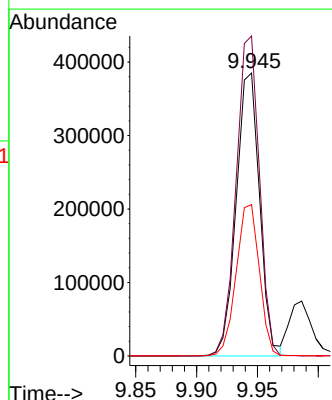
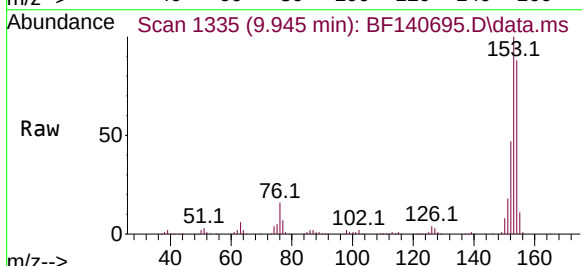
Tgt Ion:154 Resp: 516156

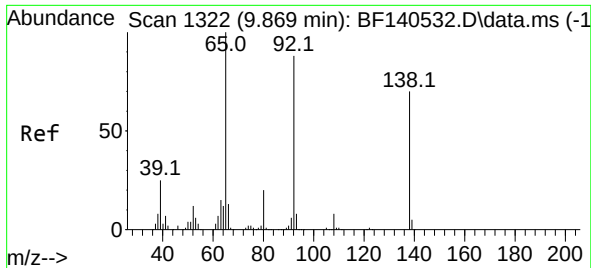
Ion Ratio Lower Upper

154 100

153 113.1 89.7 134.5

152 53.5 42.5 63.7

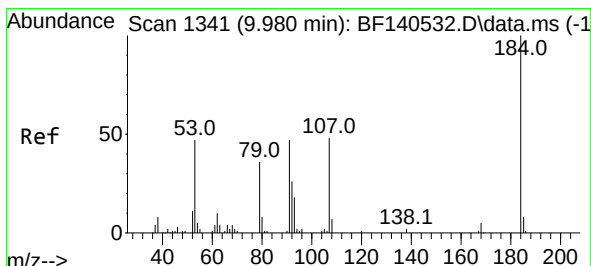
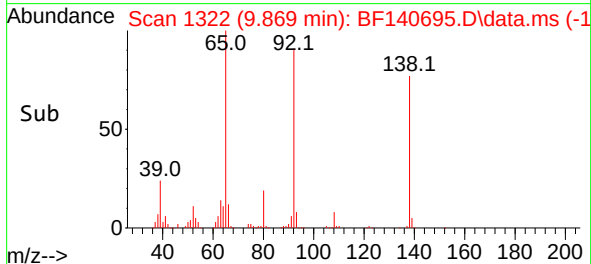
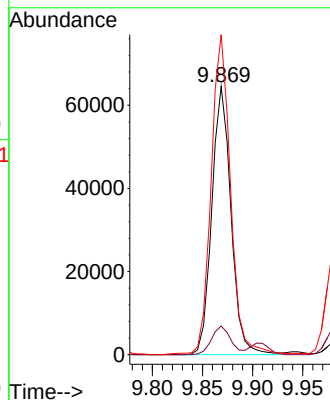
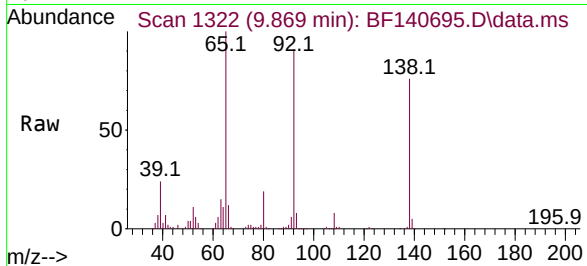




#53
3-Nitroaniline
Concen: 33.211 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

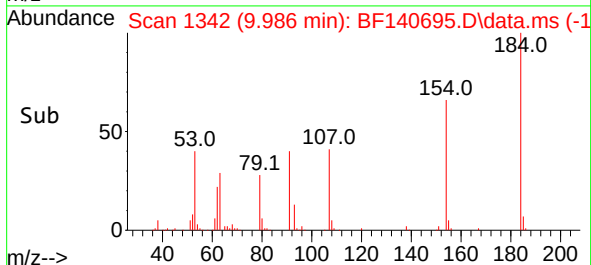
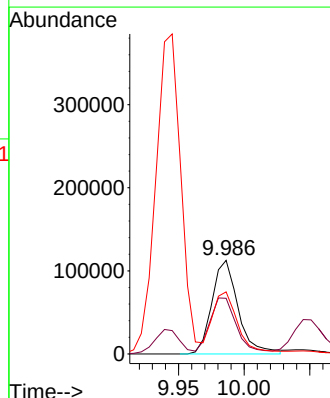
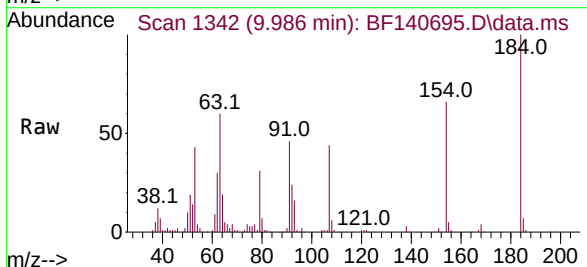
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

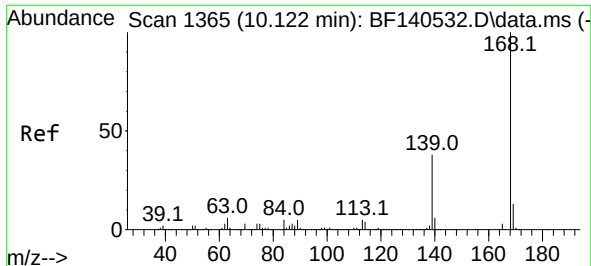
Tgt Ion:138 Resp: 85862
Ion Ratio Lower Upper
138 100
108 10.7 9.2 13.8
92 119.3 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 111.238 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion:184 Resp: 156924
Ion Ratio Lower Upper
184 100
63 59.6 54.1 81.1
154 66.3 57.4 86.0

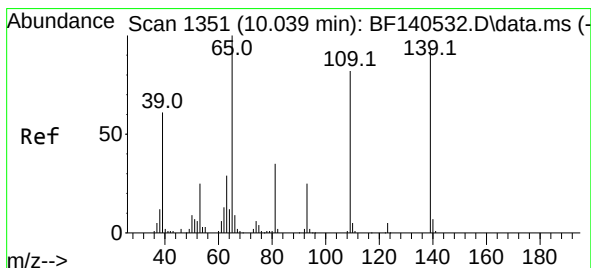
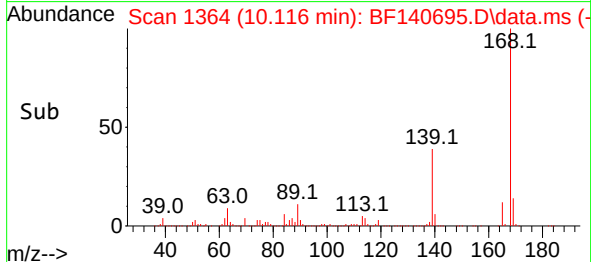
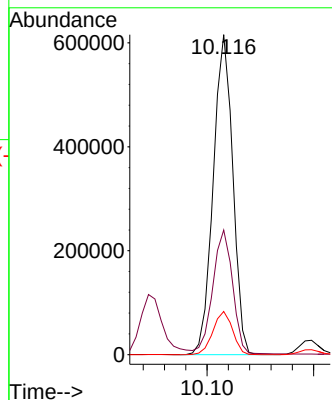
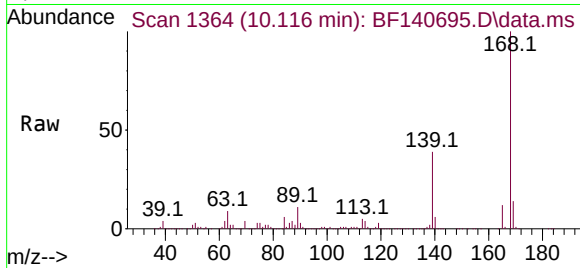




#55
Dibenzenofuran
Concen: 53.397 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

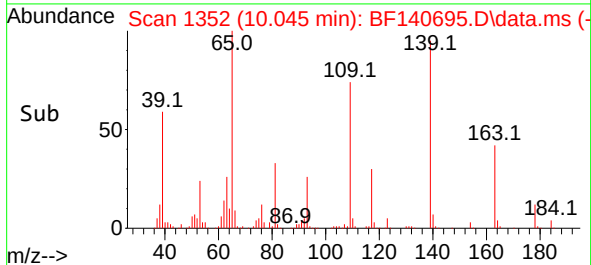
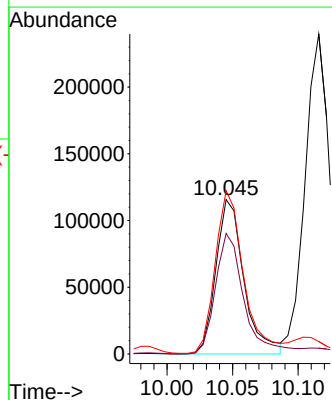
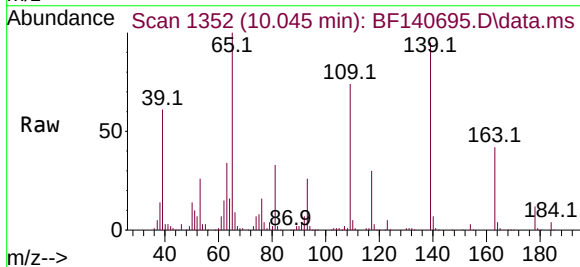
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

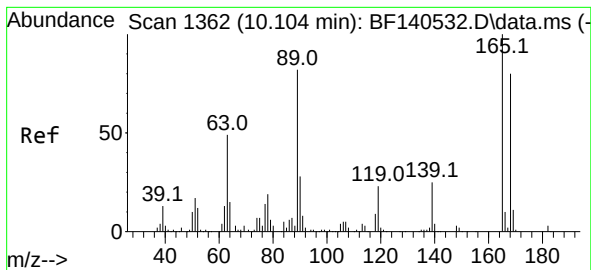
Tgt Ion:168 Resp: 782849
Ion Ratio Lower Upper
168 100
139 38.9 31.3 46.9
169 13.5 10.5 15.7



#56
4-Nitrophenol
Concen: 97.314 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion:139 Resp: 171586
Ion Ratio Lower Upper
139 100
109 78.0 68.4 108.4
65 105.8 88.6 128.6

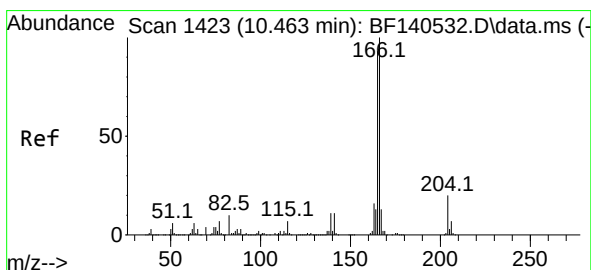
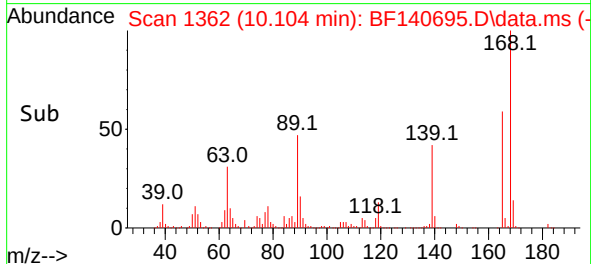
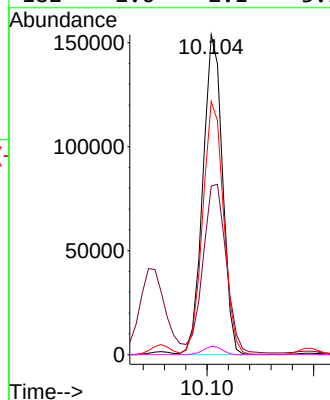
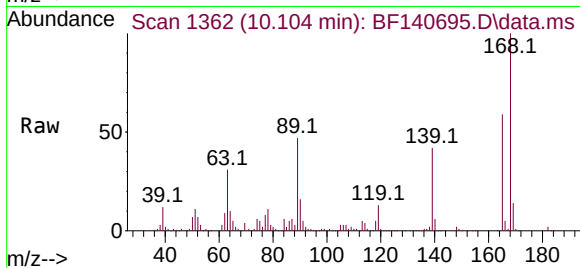




#57
2,4-Dinitrotoluene
Concen: 56.094 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

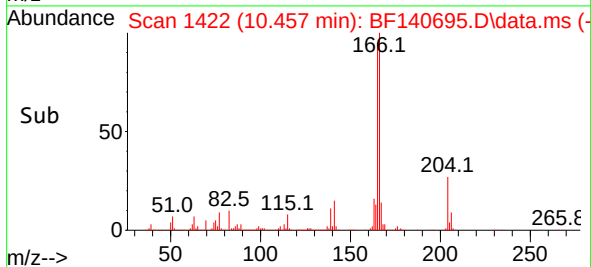
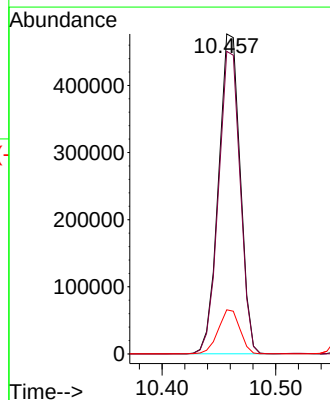
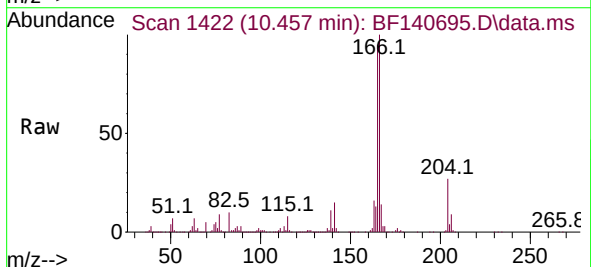
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

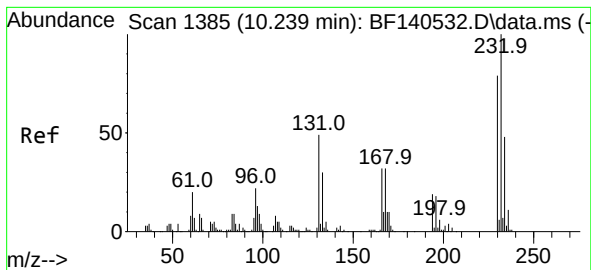
Tgt Ion:165 Resp: 197066
Ion Ratio Lower Upper
165 100
63 52.7 41.7 62.5
89 79.1 65.8 98.8
182 2.6 2.1 3.1



#58
Fluorene
Concen: 53.583 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion:166 Resp: 630558
Ion Ratio Lower Upper
166 100
165 94.6 74.6 111.8
167 13.8 10.6 16.0

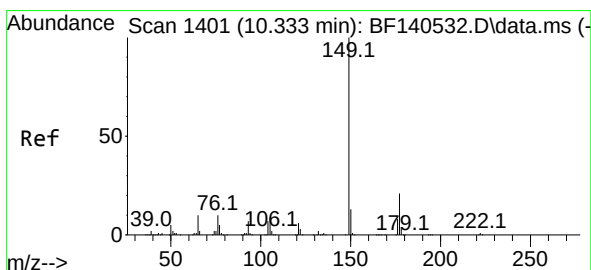
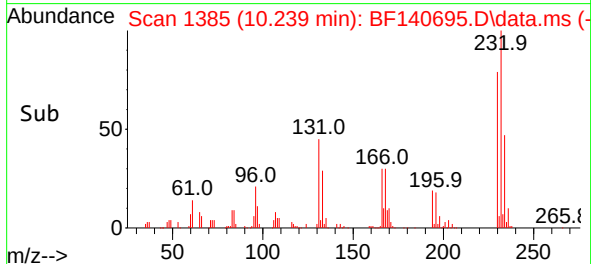
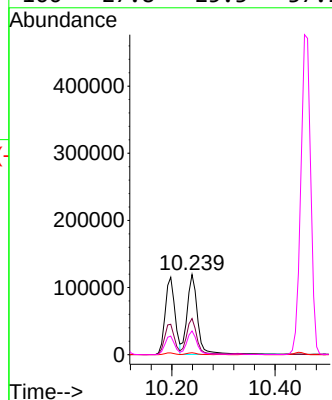
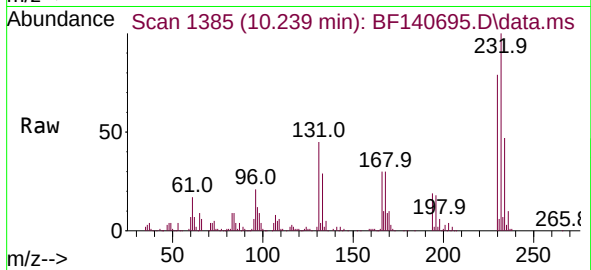




#59
2,3,4,6-Tetrachlorophenol
Concen: 61.737 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

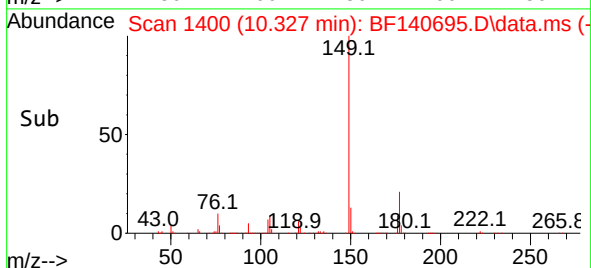
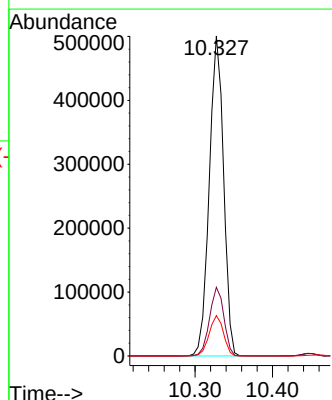
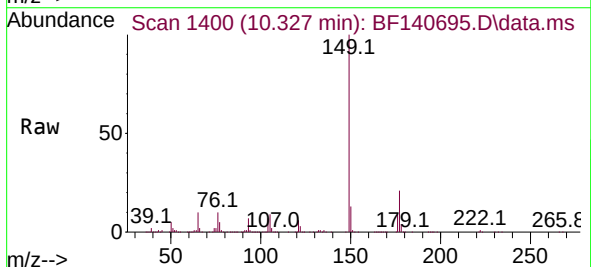
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

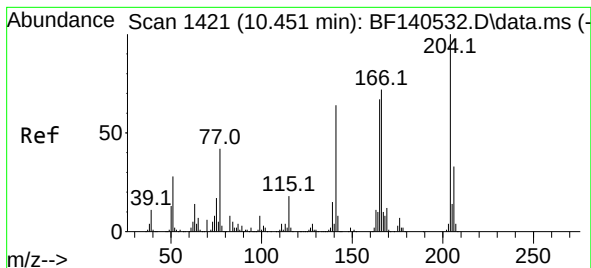
Tgt Ion:232 Resp: 167405
Ion Ratio Lower Upper
232 100
131 44.3 39.6 59.4
130 2.4 1.9 2.9
166 27.8 25.3 37.9



#60
Diethylphthalate
Concen: 54.137 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion:149 Resp: 641097
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.6 10.1 15.1

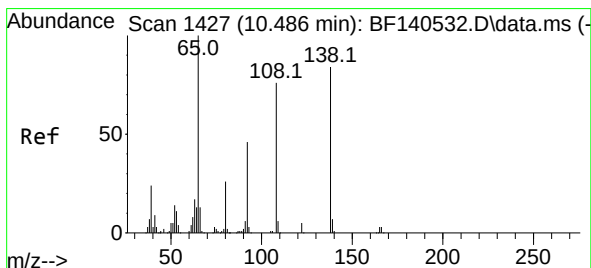
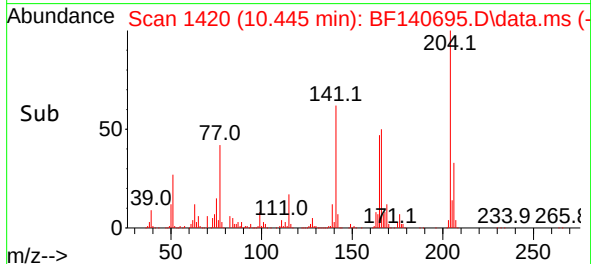
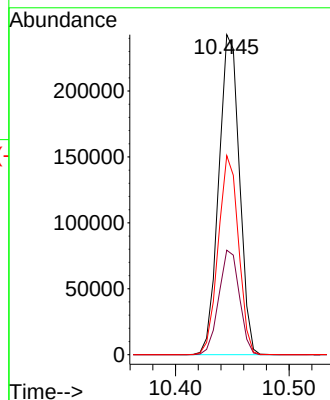
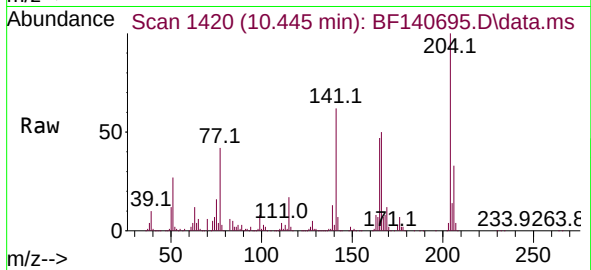




#61
4-Chlorophenyl-phenylether
Concen: 53.148 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

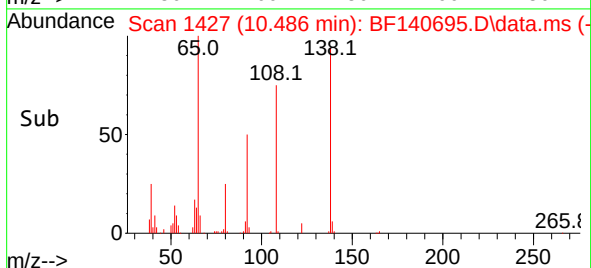
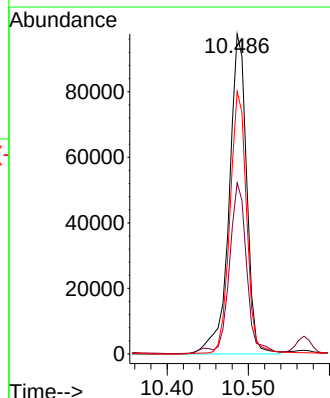
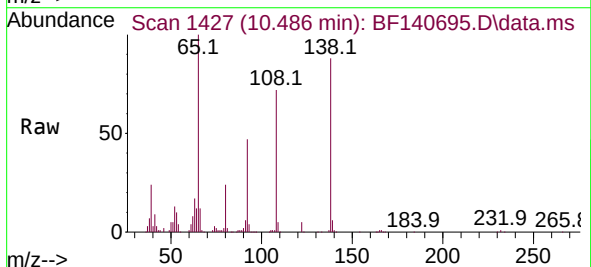
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

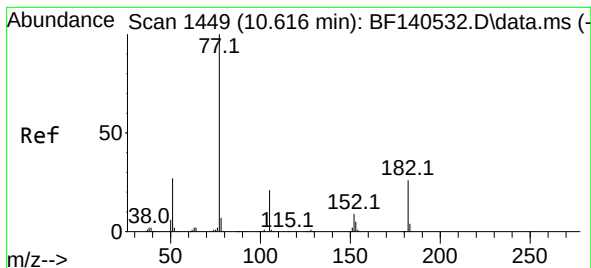
Tgt Ion:204 Resp: 306939
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 62.2 51.1 76.7



#62
4-Nitroaniline
Concen: 53.890 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion:138 Resp: 146126
Ion Ratio Lower Upper
138 100
92 53.5 34.5 74.5
108 82.0 70.6 110.6





#63

Azobenzene

Concen: 54.840 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

Tgt Ion: 77 Resp: 615003

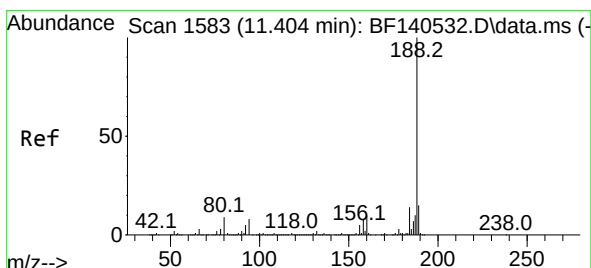
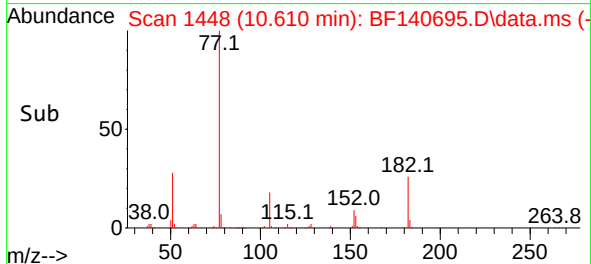
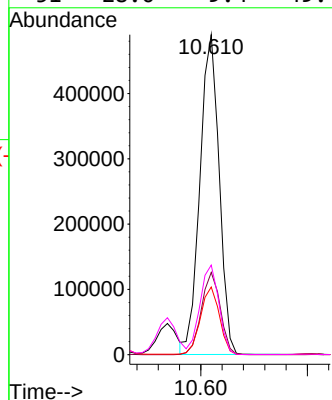
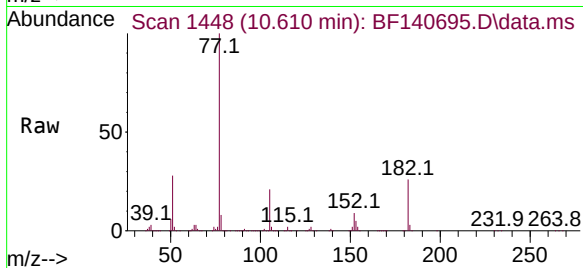
Ion Ratio Lower Upper

77 100

182 25.7 5.3 45.3

105 21.1 0.3 40.3

51 28.0 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

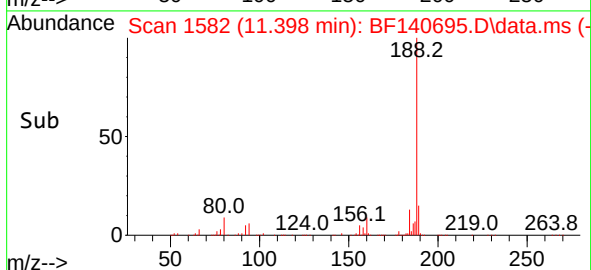
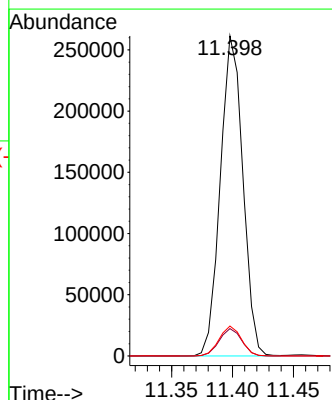
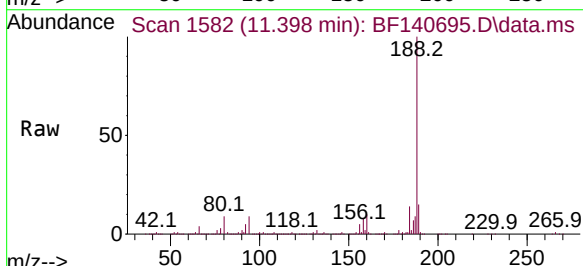
Tgt Ion:188 Resp: 336744

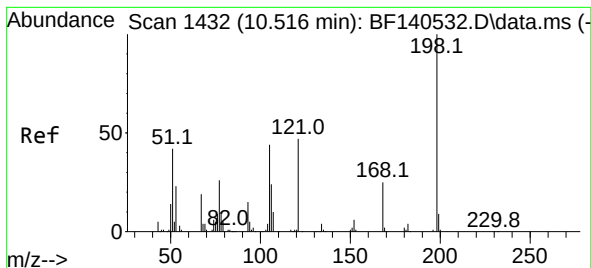
Ion Ratio Lower Upper

188 100

94 8.6 6.4 9.6

80 9.4 6.9 10.3

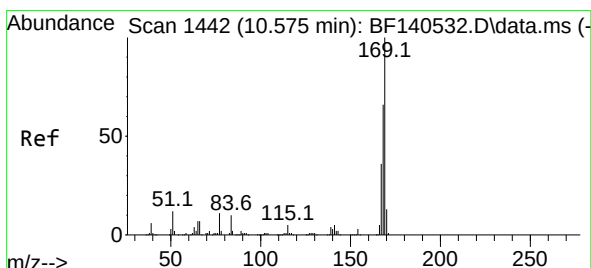
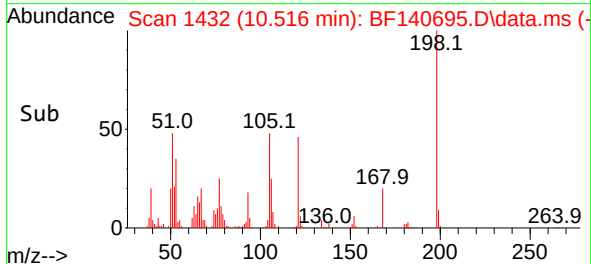
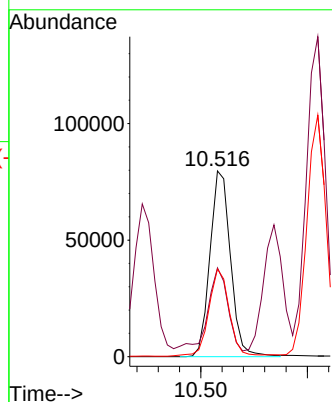
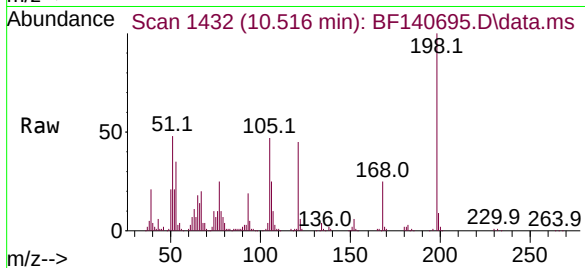




#65
4,6-Dinitro-2-methylphenol
Concen: 62.227 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

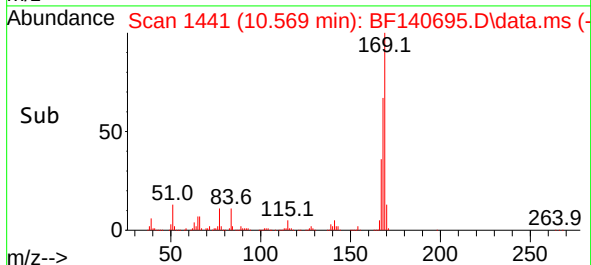
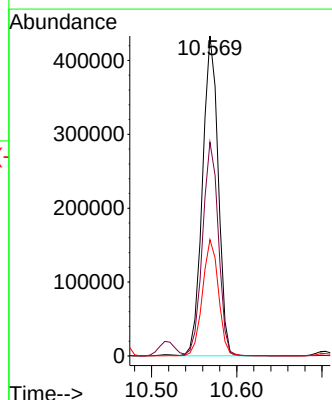
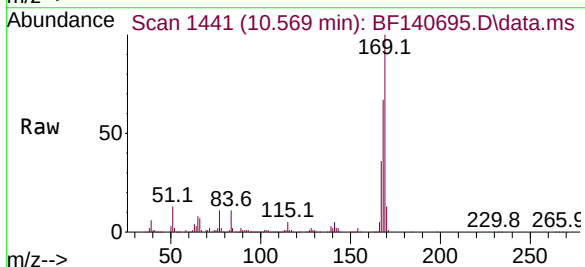
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

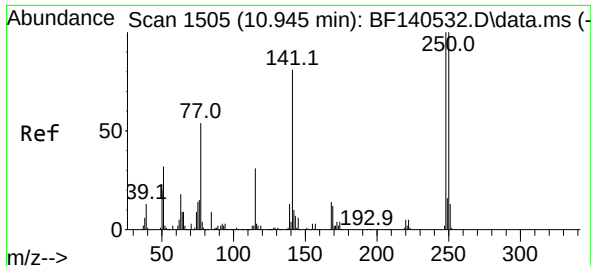
Tgt Ion:198 Resp: 107078
Ion Ratio Lower Upper
198 100
51 47.8 29.4 69.4
105 47.2 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 55.711 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

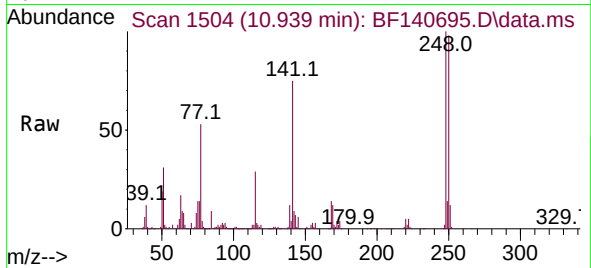
Tgt Ion:169 Resp: 554790
Ion Ratio Lower Upper
169 100
168 66.8 53.2 79.8
167 36.3 29.0 43.6



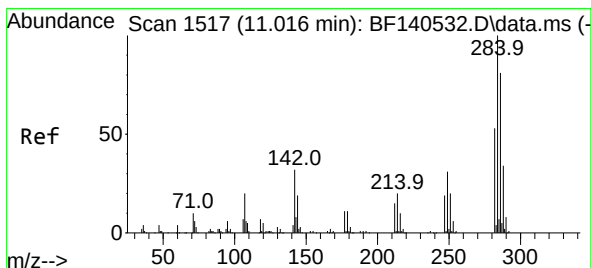
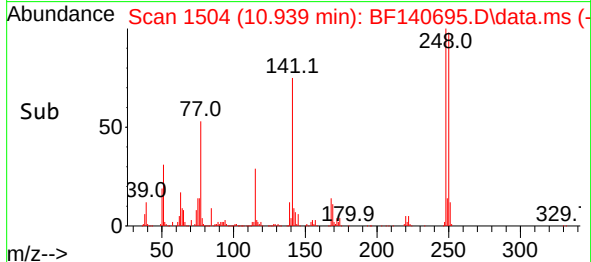
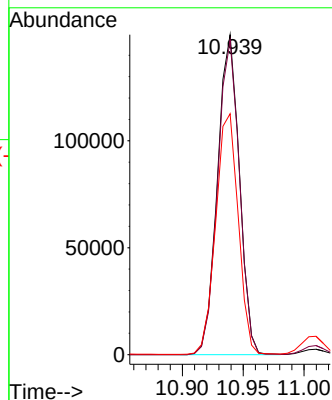


#67
4-Bromophenyl-phenylether
Concen: 54.024 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

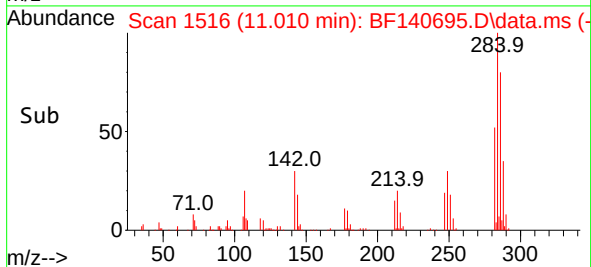
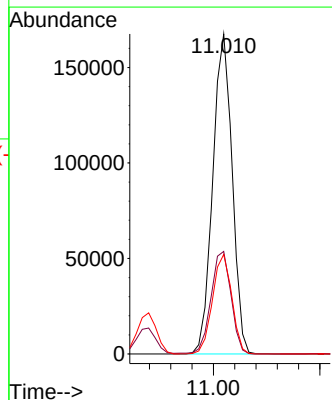
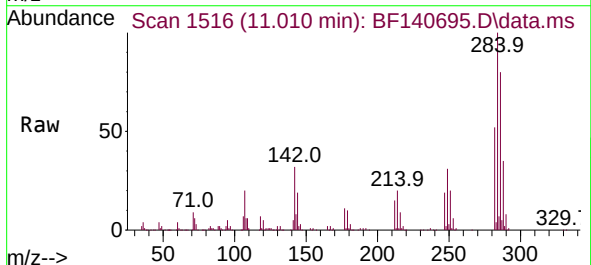


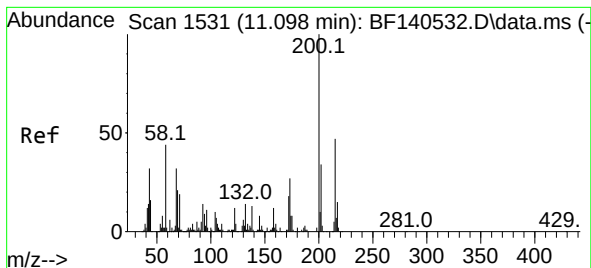
Tgt Ion:248 Resp: 187354
Ion Ratio Lower Upper
248 100
250 98.2 79.8 119.8
141 75.3 64.7 97.1



#68
Hexachlorobenzene
Concen: 52.622 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion:284 Resp: 211306
Ion Ratio Lower Upper
284 100
142 32.1 25.3 37.9
249 31.1 24.8 37.2





#69

Atrazine

Concen: 58.764 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

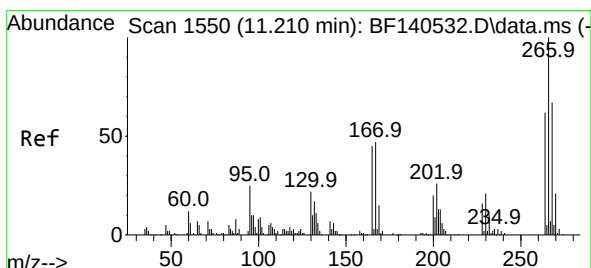
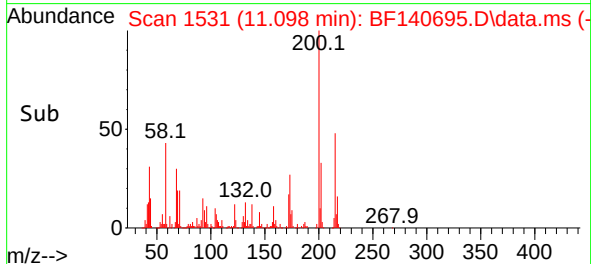
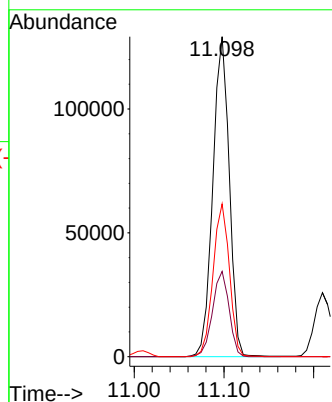
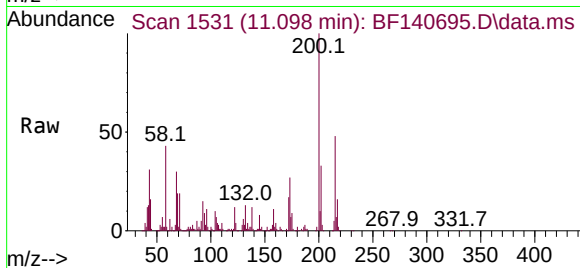
Tgt Ion:200 Resp: 164626

Ion Ratio Lower Upper

200 100

173 26.7 7.0 47.0

215 47.8 26.7 66.7



#70

Pentachlorophenol

Concen: 112.423 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

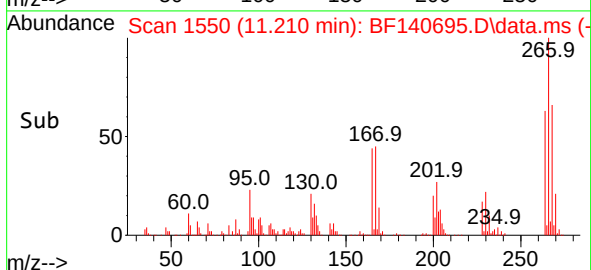
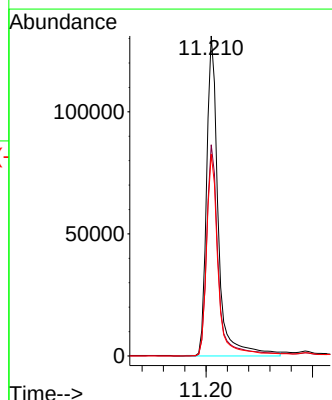
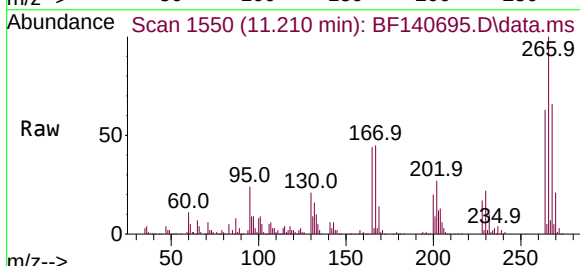
Tgt Ion:266 Resp: 198690

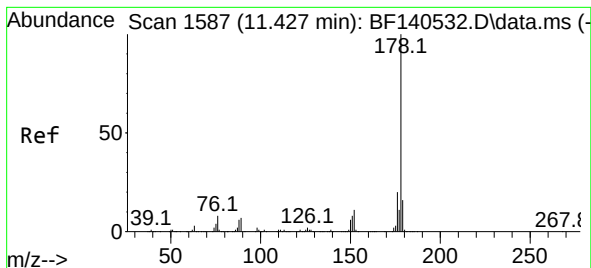
Ion Ratio Lower Upper

266 100

268 66.0 53.7 80.5

264 63.0 49.8 74.8





#71

Phenanthrene

Concen: 55.716 ng

RT: 11.427 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

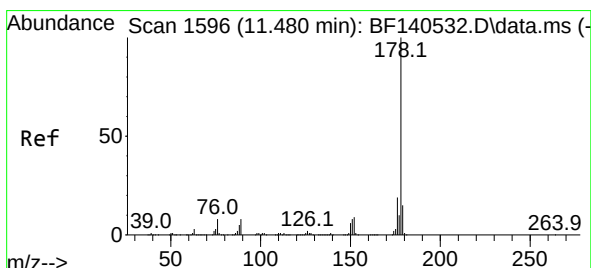
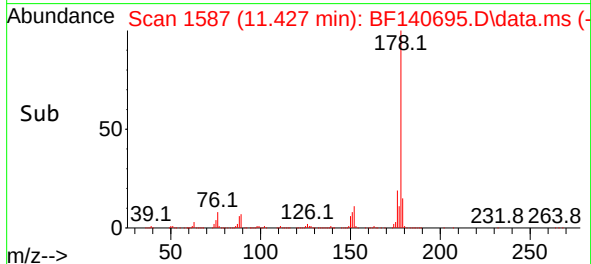
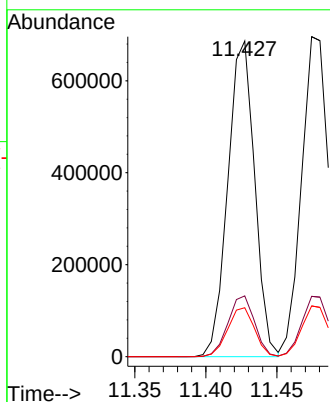
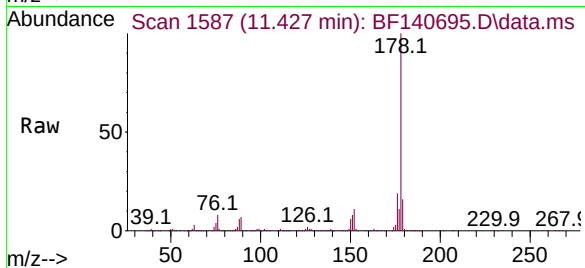
Tgt Ion:178 Resp: 901870

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

179 15.5 12.4 18.6



#72

Anthracene

Concen: 58.535 ng

RT: 11.474 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

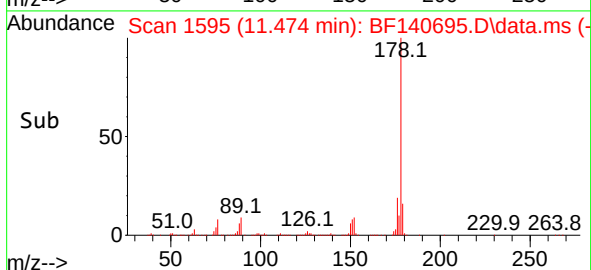
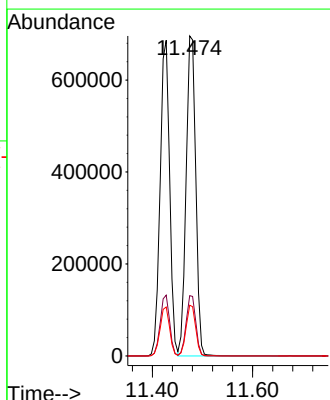
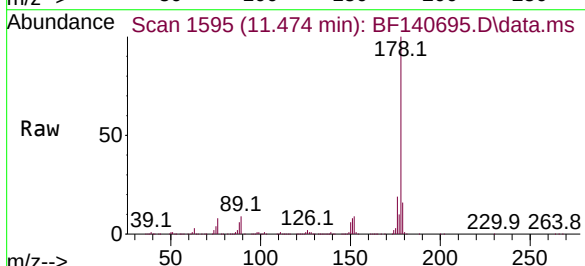
Tgt Ion:178 Resp: 926836

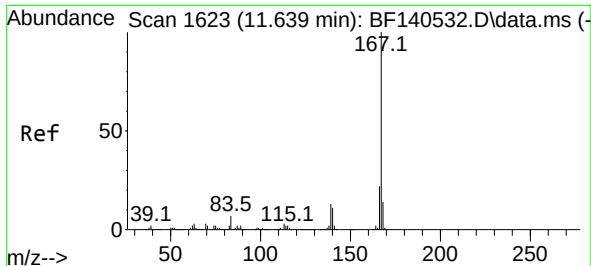
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.8 12.2 18.4

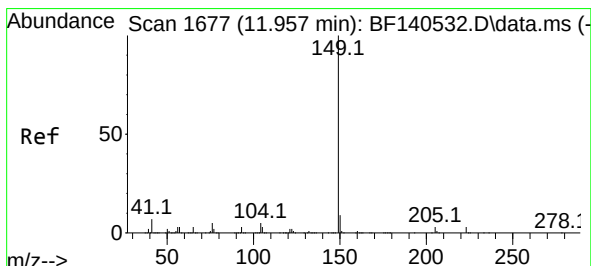
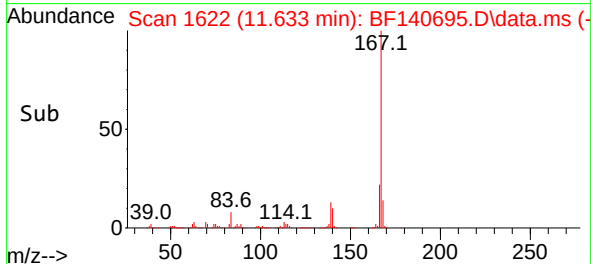
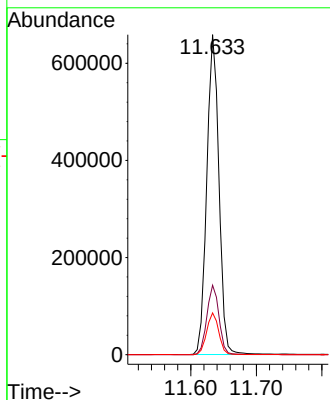
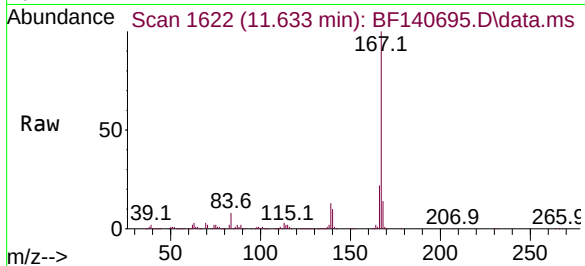




#73
Carbazole
Concen: 55.810 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

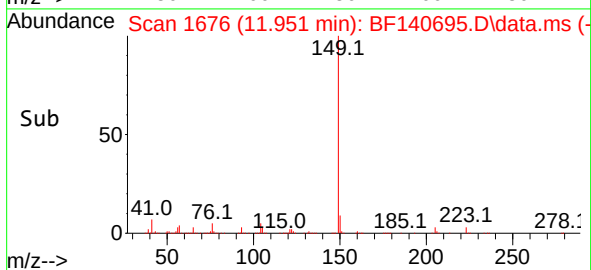
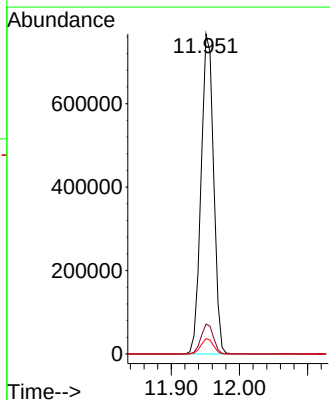
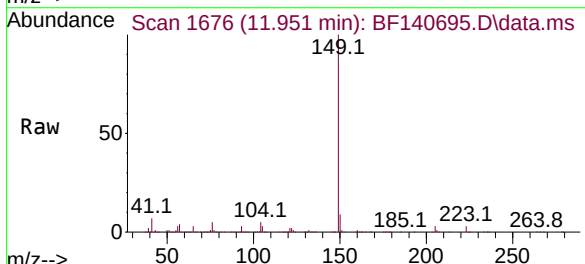
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

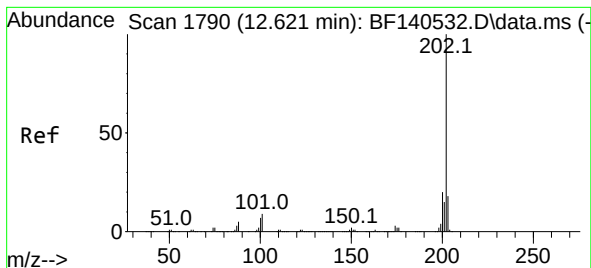
Tgt Ion:167 Resp: 850116
Ion Ratio Lower Upper
167 100
166 21.7 17.2 25.8
139 13.1 10.6 15.8



#74
Di-n-butylphthalate
Concen: 55.862 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion:149 Resp: 982367
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 4.8 4.1 6.1





#75

Fluoranthene

Concen: 56.586 ng

RT: 12.616 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

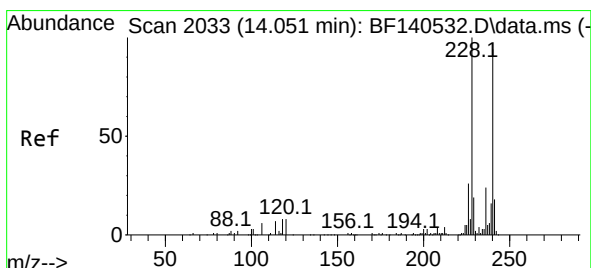
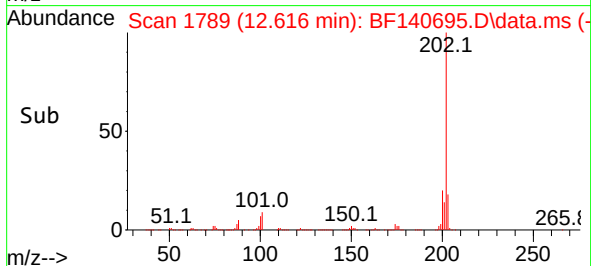
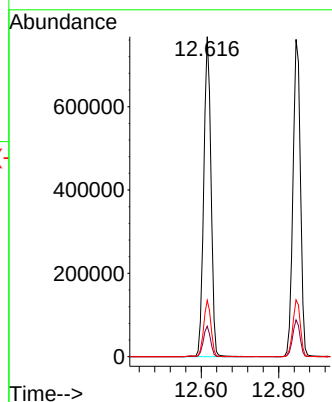
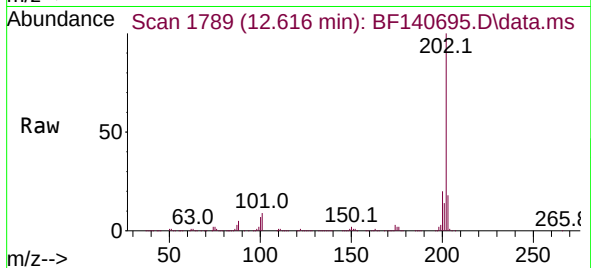
Tgt Ion:202 Resp: 994496

Ion Ratio Lower Upper

202 100

101 9.5 0.0 28.9

203 17.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

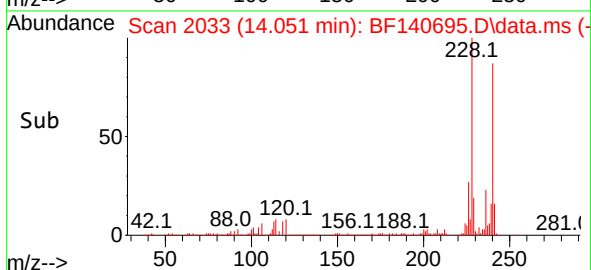
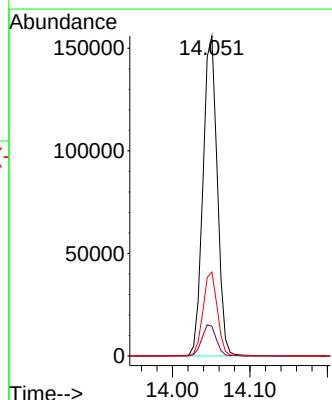
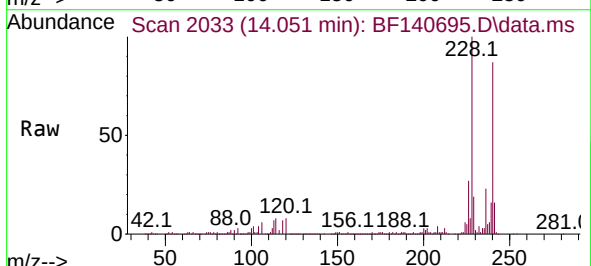
Tgt Ion:240 Resp: 200045

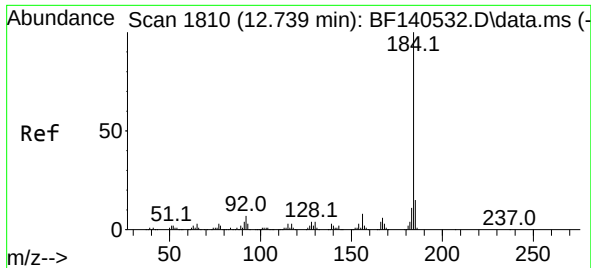
Ion Ratio Lower Upper

240 100

120 9.3 7.3 10.9

236 26.3 20.6 31.0

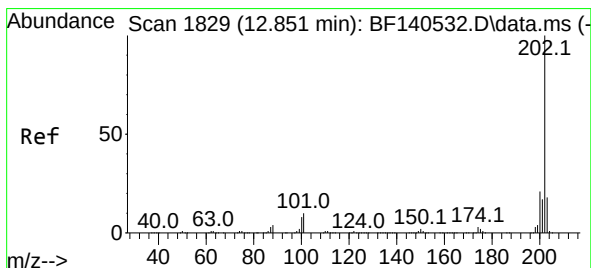
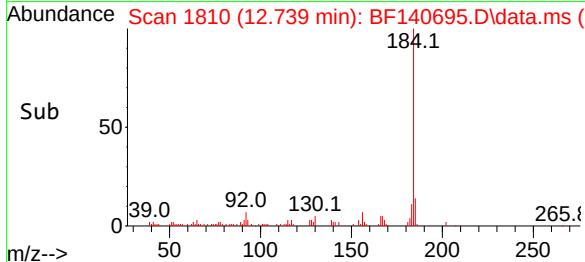
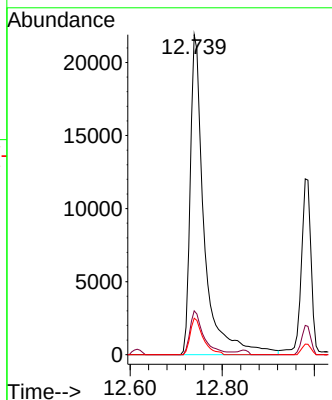
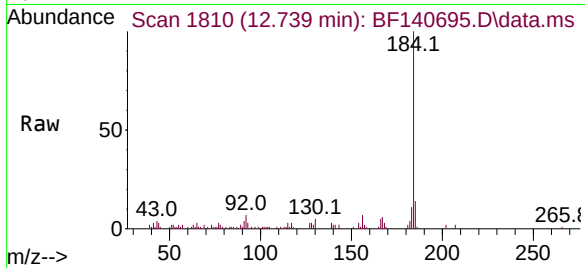




#77
Benzidine
Concen: 7.956 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

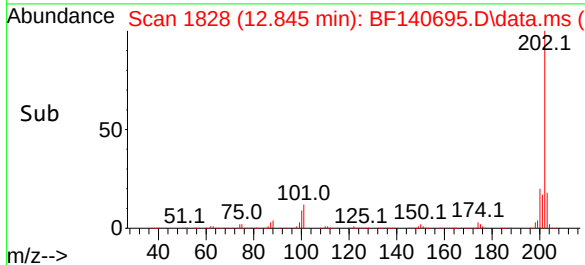
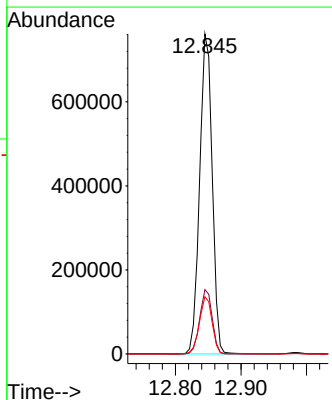
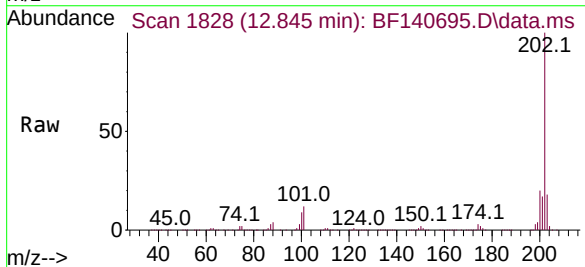
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

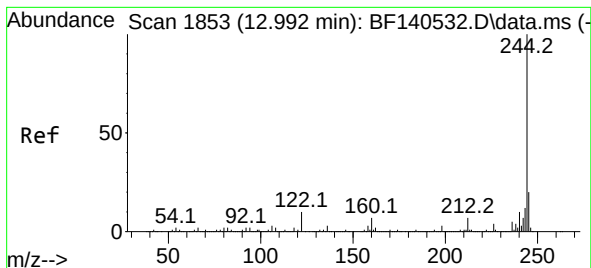
Tgt Ion:184 Resp: 46272
Ion Ratio Lower Upper
184 100
185 13.7 11.7 17.5
183 11.4 8.8 13.2



#78
Pyrene
Concen: 54.901 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion:202 Resp: 1015492
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 94.761 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

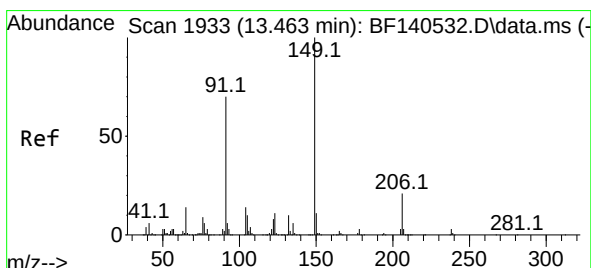
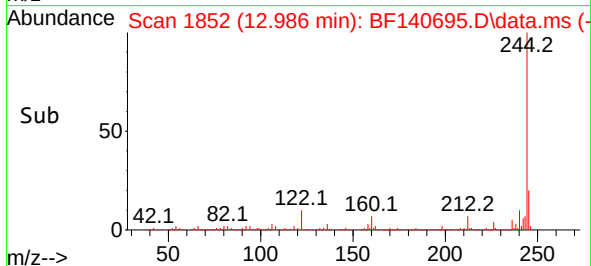
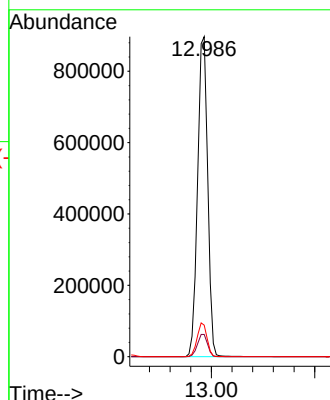
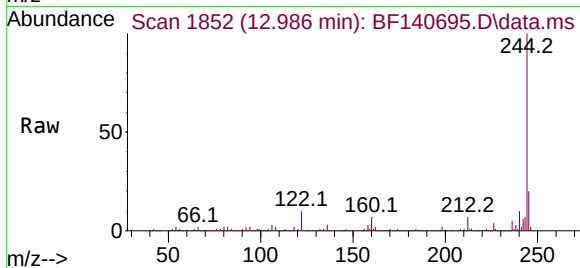
Tgt Ion:244 Resp: 1217400

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 9.9 8.0 12.0



#80

Butylbenzylphthalate

Concen: 57.818 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

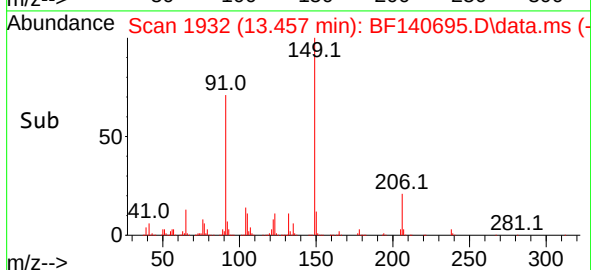
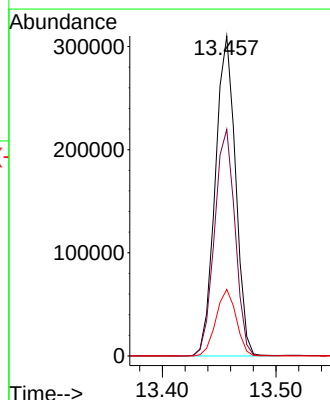
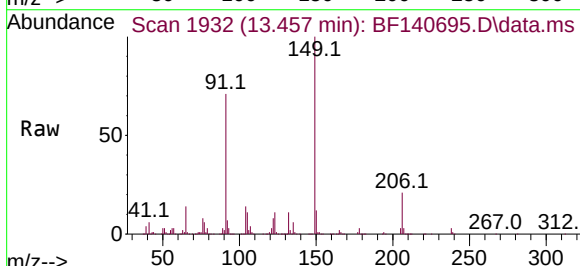
Tgt Ion:149 Resp: 385256

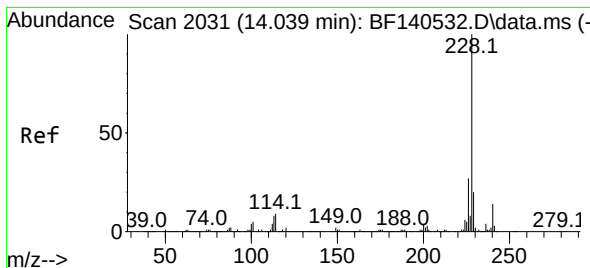
Ion Ratio Lower Upper

149 100

91 70.8 56.2 84.2

206 20.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 57.904 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

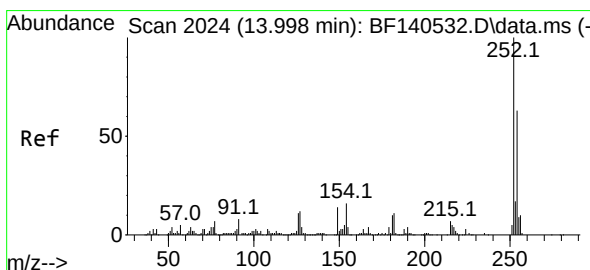
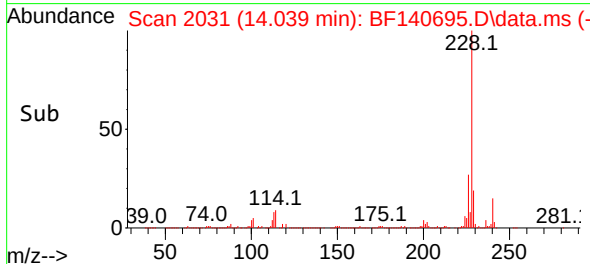
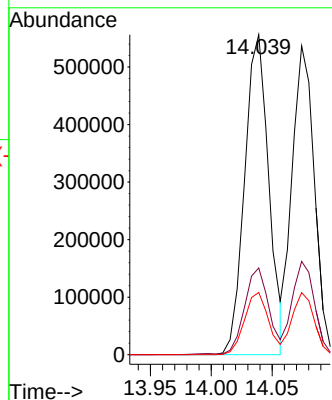
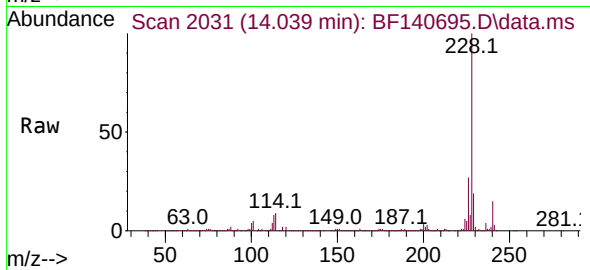
Tgt Ion:228 Resp: 766780

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.5 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 35.657 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

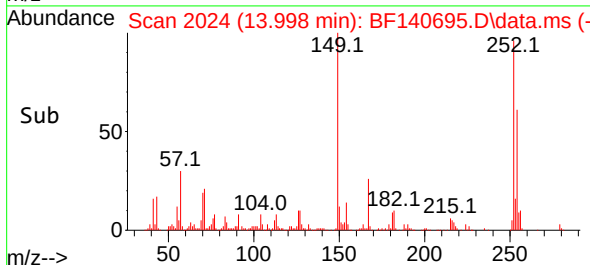
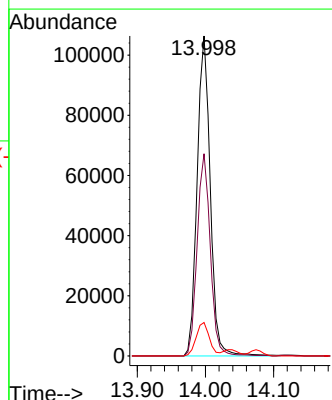
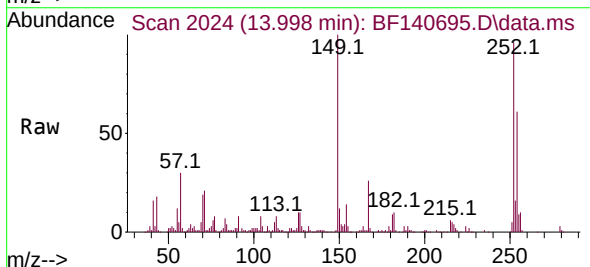
Tgt Ion:252 Resp: 141767

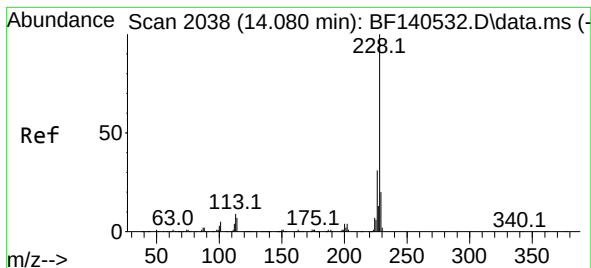
Ion Ratio Lower Upper

252 100

254 63.2 50.8 76.2

126 10.4 8.6 13.0





#83

Chrysene

Concen: 56.564 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

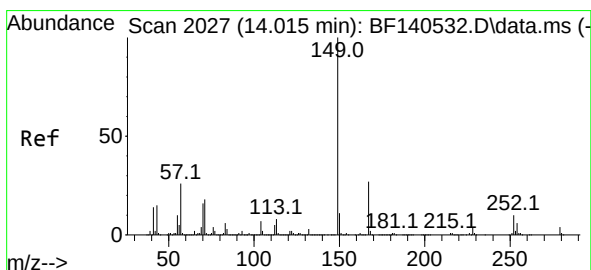
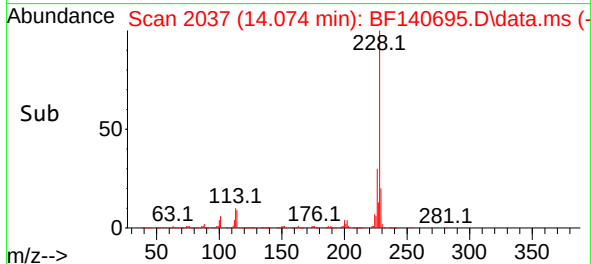
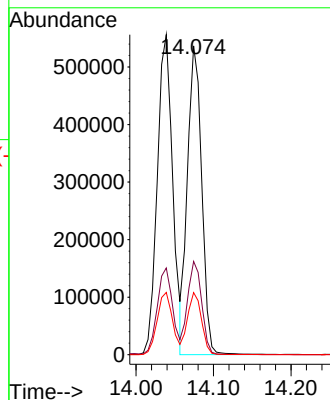
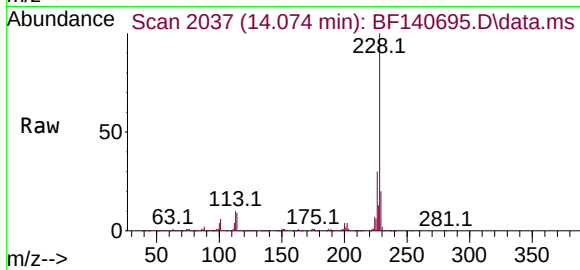
Tgt Ion:228 Resp: 684899

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 20.1 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.339 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

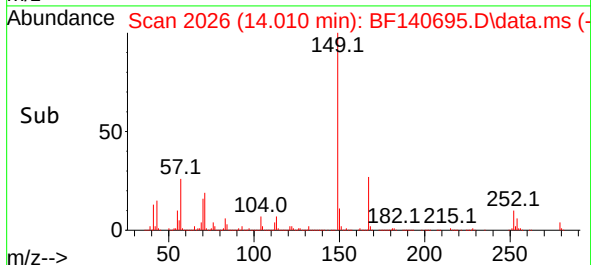
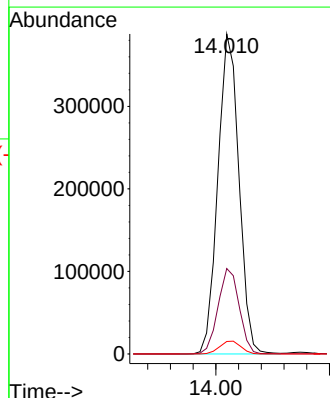
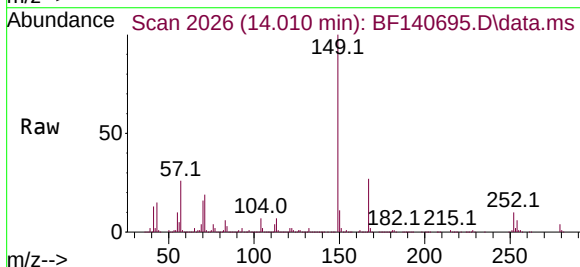
Tgt Ion:149 Resp: 499259

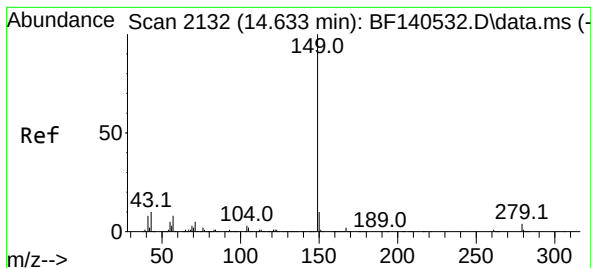
Ion Ratio Lower Upper

149 100

167 26.7 21.2 31.8

279 3.9 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 60.795 ng

RT: 14.633 min Scan# 2132

Delta R.T. -0.000 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

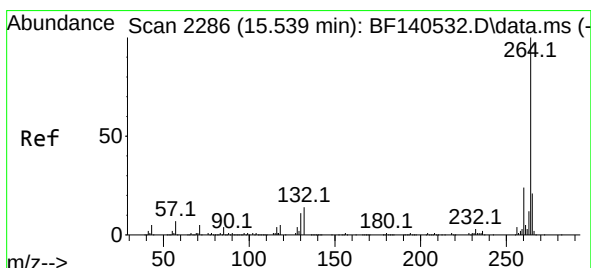
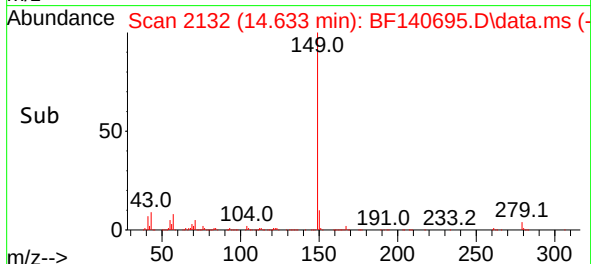
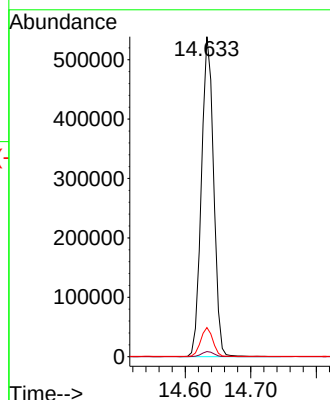
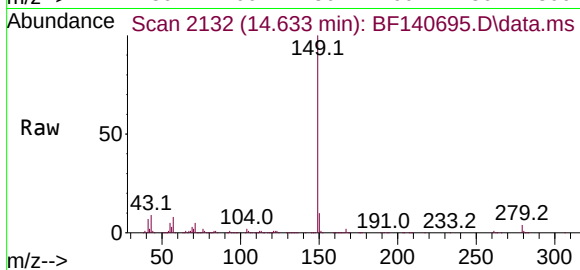
Tgt Ion:149 Resp: 699052

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.9 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.000 min

Lab File: BF140695.D

Acq: 02 Dec 2024 18:05

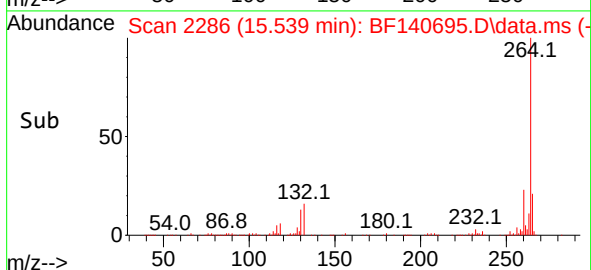
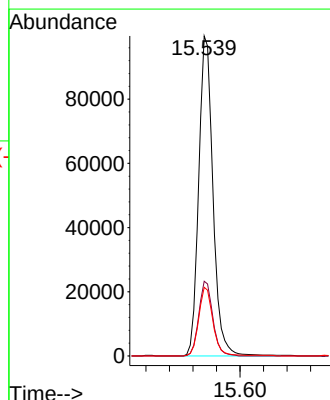
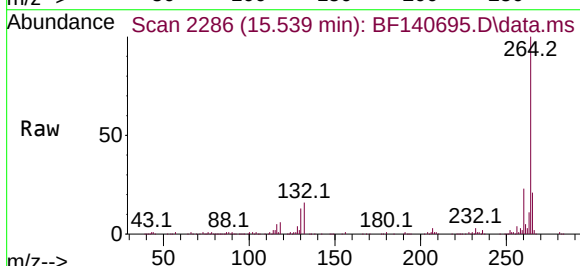
Tgt Ion:264 Resp: 168091

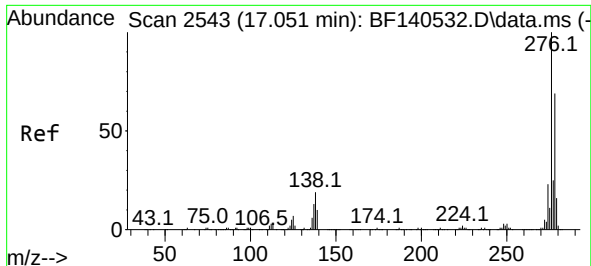
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.5 16.6 25.0

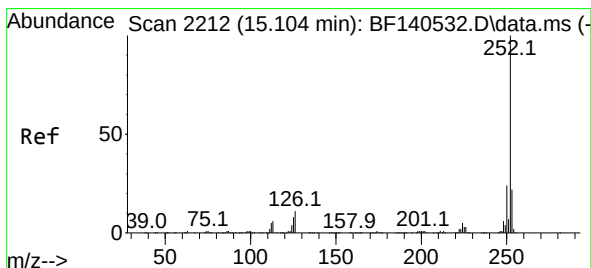
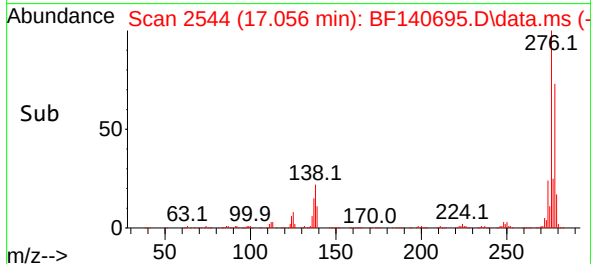
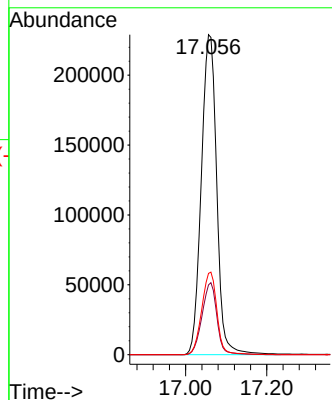
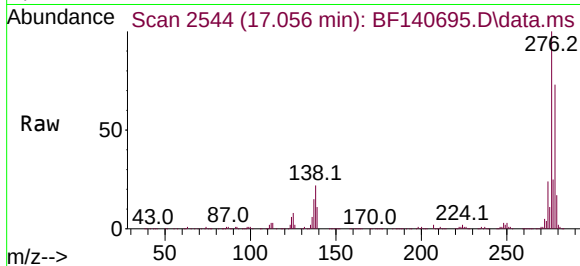




#87
Indeno(1,2,3-cd)pyrene
Concen: 55.112 ng
RT: 17.056 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

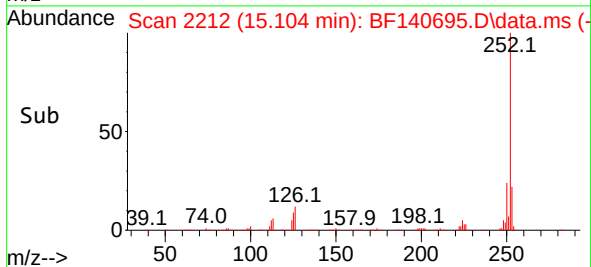
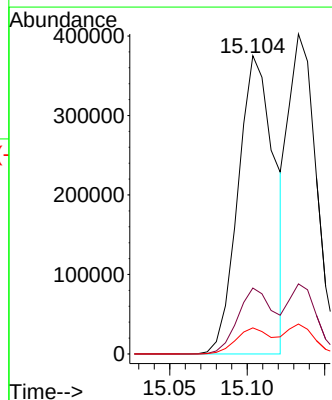
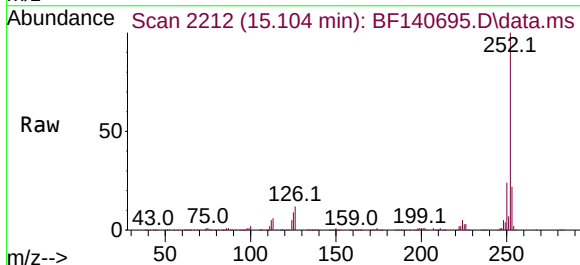
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

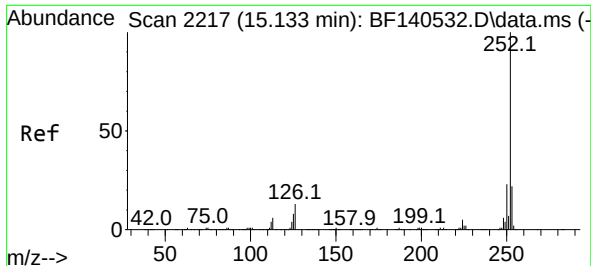
Tgt Ion:276 Resp: 603719
Ion Ratio Lower Upper
276 100
138 21.7 15.5 23.3
277 25.3 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 58.031 ng
RT: 15.104 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion:252 Resp: 612688
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 8.7 6.7 10.1

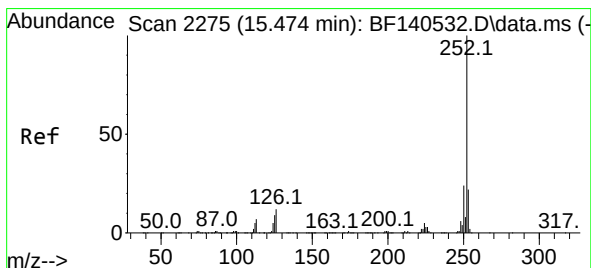
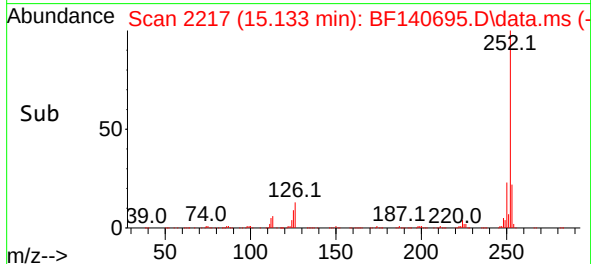
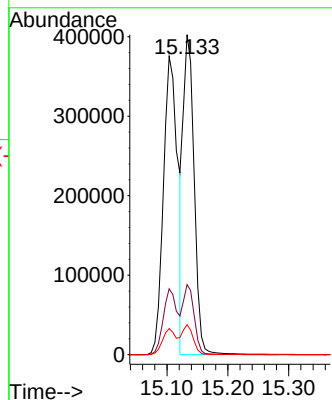
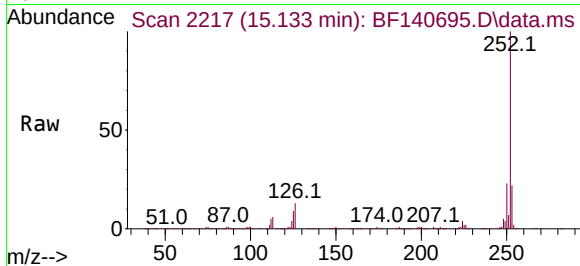




#89
Benzo(k)fluoranthene
Concen: 54.966 ng
RT: 15.133 min Scan# 2217
Delta R.T. -0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

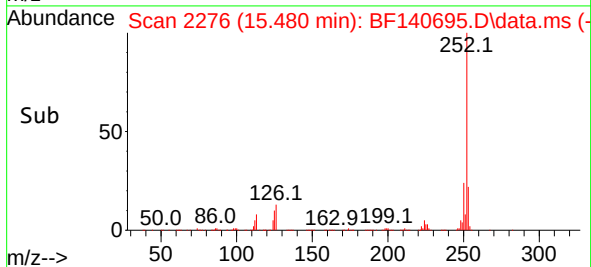
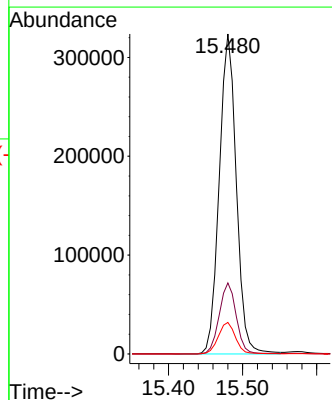
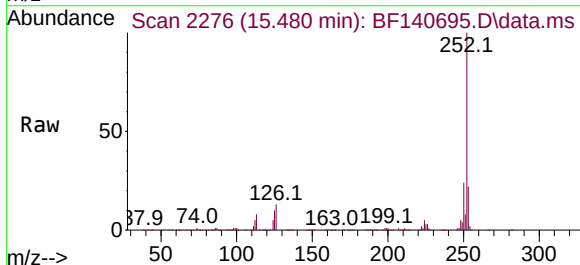
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

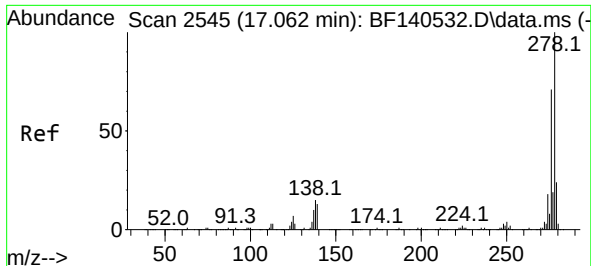
Tgt Ion:252 Resp: 507845
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.3 6.5 9.7



#90
Benzo(a)pyrene
Concen: 60.353 ng
RT: 15.480 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion:252 Resp: 518106
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 9.8 7.0 10.6

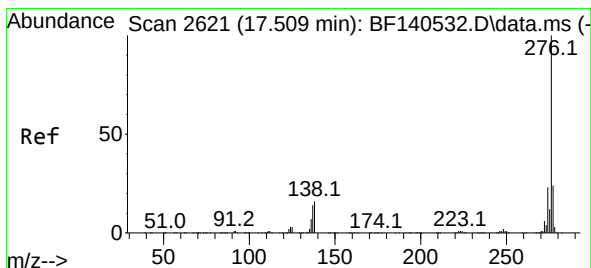
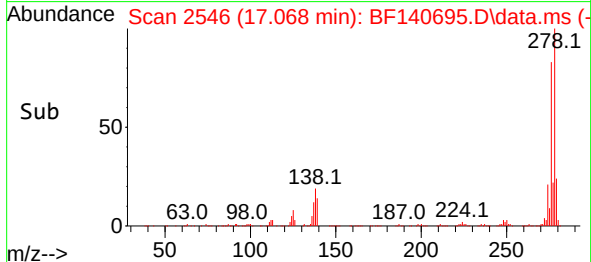
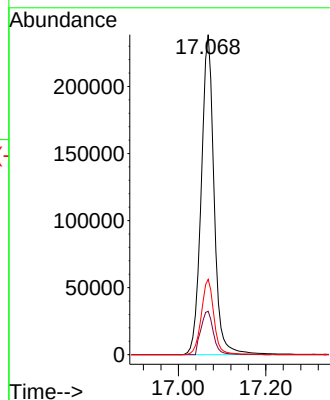
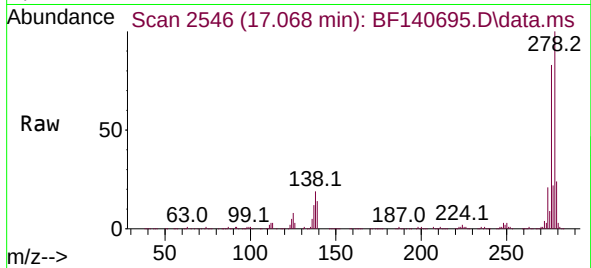




#91
Dibenzo(a,h)anthracene
Concen: 54.437 ng
RT: 17.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

Tgt Ion:278 Resp: 488360
Ion Ratio Lower Upper
278 100
139 13.5 10.2 15.4
279 23.5 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 50.217 ng
RT: 17.509 min Scan# 2621
Delta R.T. -0.000 min
Lab File: BF140695.D
Acq: 02 Dec 2024 18:05

Tgt Ion:276 Resp: 459711
Ion Ratio Lower Upper
276 100
277 23.1 18.9 28.3
138 19.2 13.2 19.8

