

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140693.D
 Acq On : 02 Dec 2024 17:13
 Operator : RC/JU
 Sample : P5005-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE

Quant Time: Dec 02 17:42:53 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)

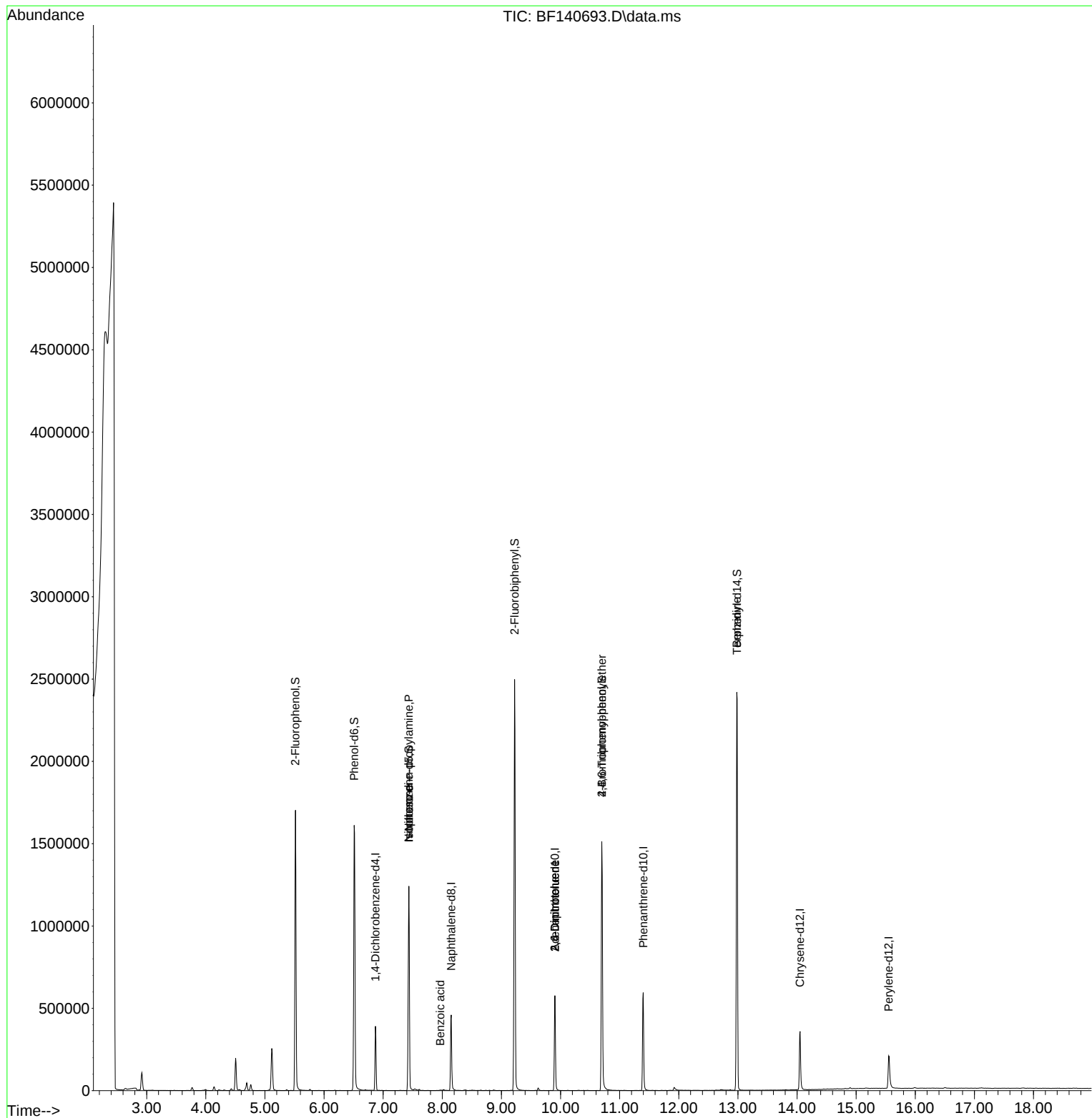
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	82177	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	316335	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	182042	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	350833	20.000	ng	0.00
76) Chrysene-d12	14.051	240	198441	20.000	ng	0.00
86) Perylene-d12	15.551	264	155443	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	643823	133.674	ng	0.02
7) Phenol-d6	6.510	99	825948	129.717	ng	0.00
23) Nitrobenzene-d5	7.434	82	589870	95.380	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	284480	146.116	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1159060	94.865	ng	-0.01
79) Terphenyl-d14	12.986	244	1273901	99.961	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	80144	21.297	ng	# 77
25) Isophorone	7.434	82	580392	56.266	ng	# 66
32) Benzoic acid	7.963	122	1426	7.603	ng	# 61
51) 2,6-Dinitrotoluene	9.904	165	23634	8.692	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	23634	6.540	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	18296	5.064	ng	# 1
77) Benzidine	12.980	184	17111	2.966	ng	# 94

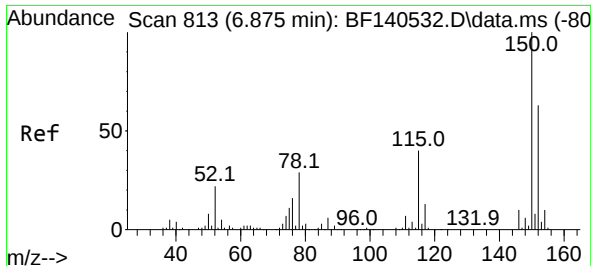
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140693.D
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Operator : RC/JU
Sample : P5005-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
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STOCK-PILE

Quant Time: Dec 02 17:42:53 2024
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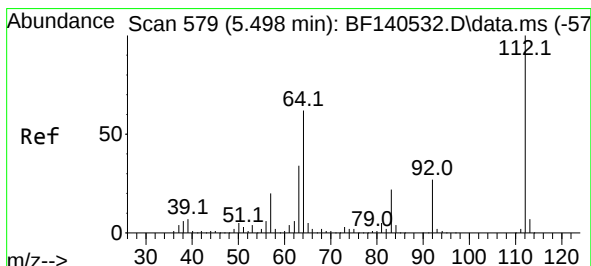
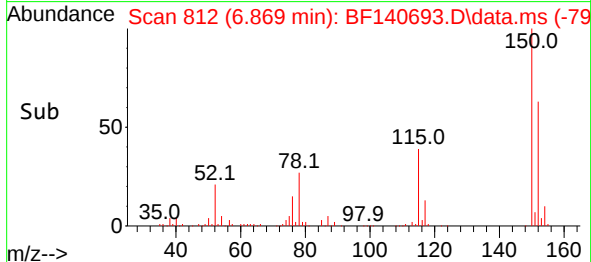
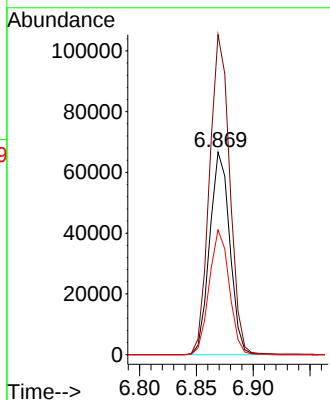
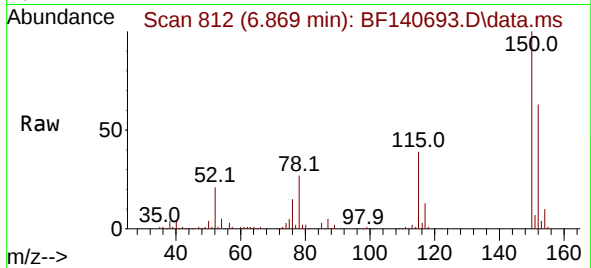




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

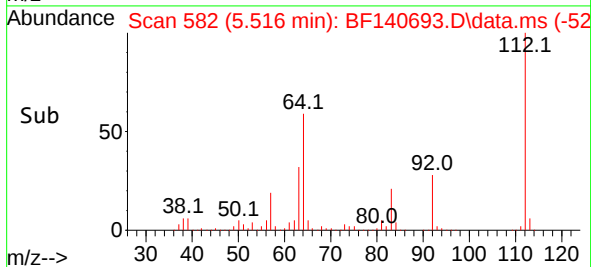
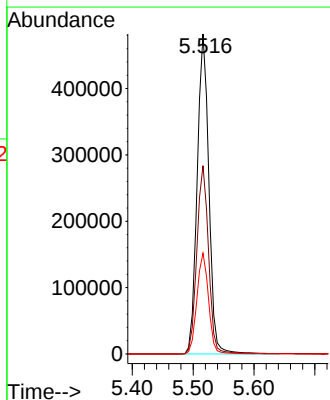
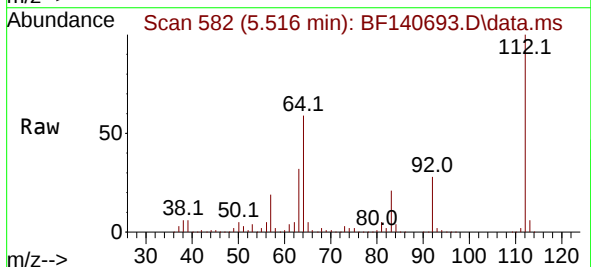
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

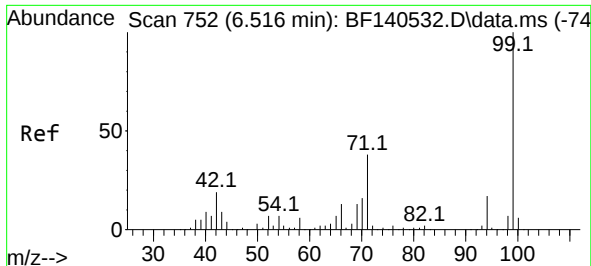
Tgt Ion:152 Resp: 82177
Ion Ratio Lower Upper
152 100
150 158.0 128.5 192.7
115 61.6 50.2 75.4



#5
2-Fluorophenol
Concen: 133.674 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

Tgt Ion:112 Resp: 643823
Ion Ratio Lower Upper
112 100
64 58.9 49.2 73.8
63 31.5 27.0 40.4

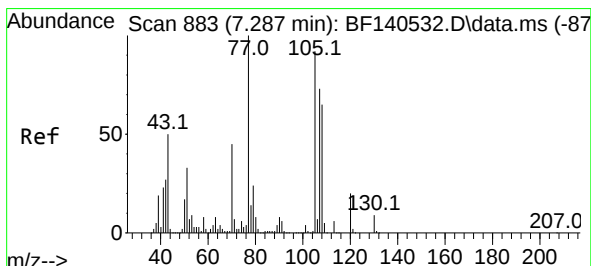
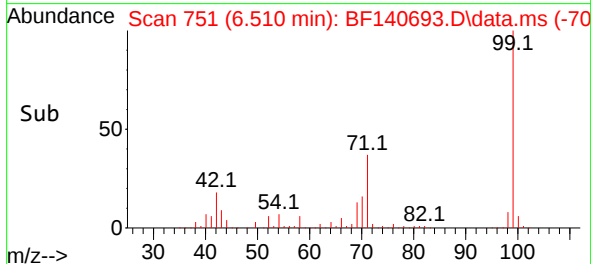
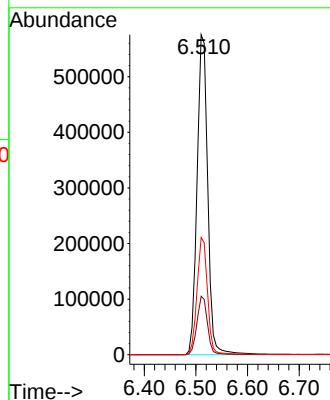
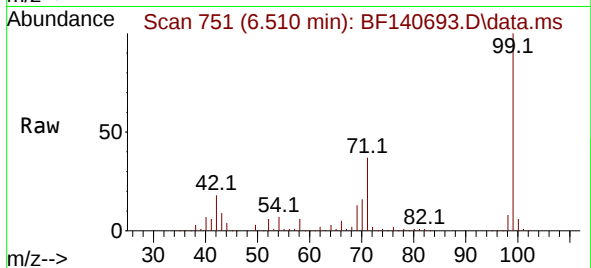




#7
Phenol-d6
Concen: 129.717 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

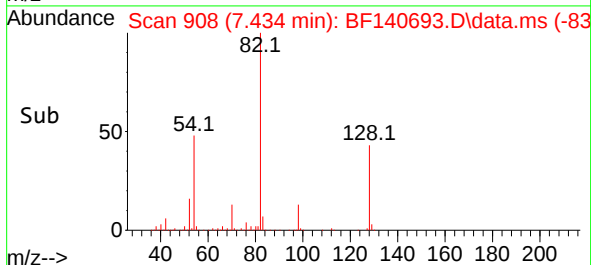
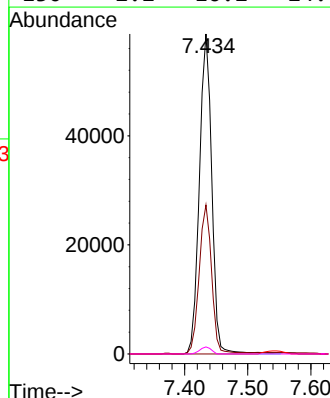
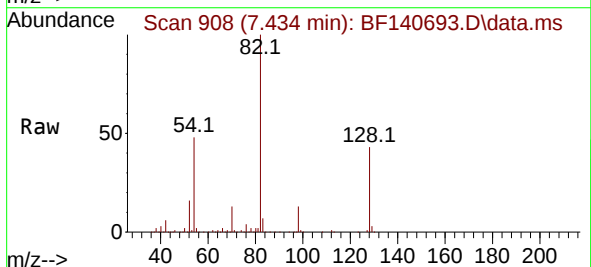
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

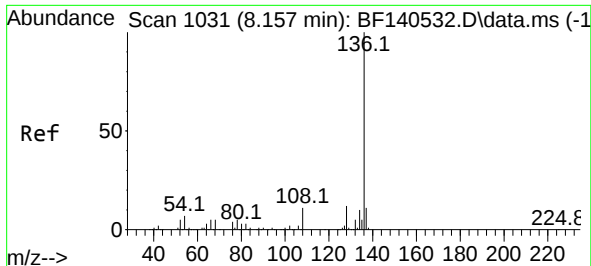
Tgt Ion: 99 Resp: 825948
Ion Ratio Lower Upper
99 100
42 18.3 15.4 23.0
71 36.6 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.297 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

Tgt Ion: 70 Resp: 80144
Ion Ratio Lower Upper
70 100
42 46.6 47.6 71.4#
101 0.0 7.6 11.4#
130 2.2 16.2 24.4#



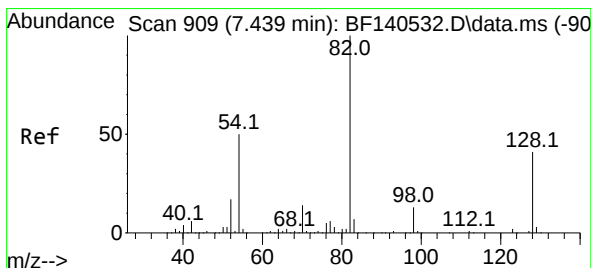
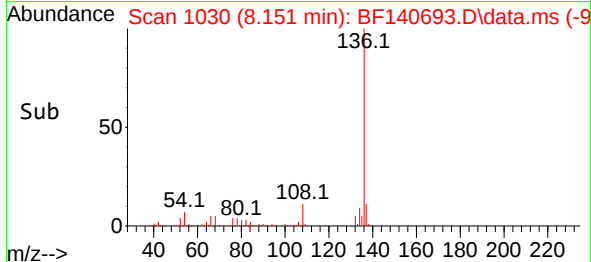
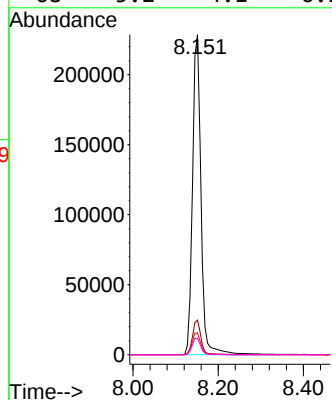
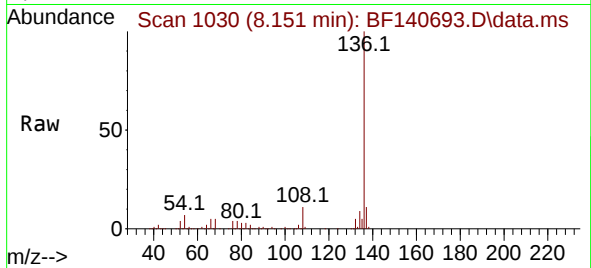


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Tgt Ion:136 Resp: 316335

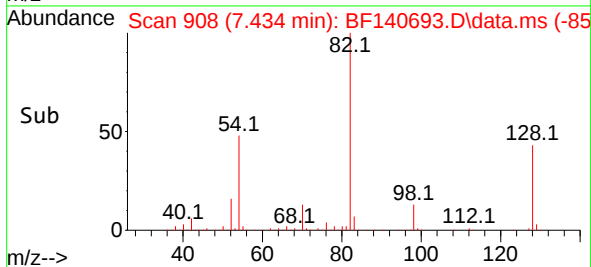
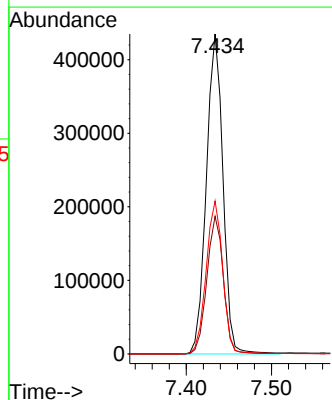
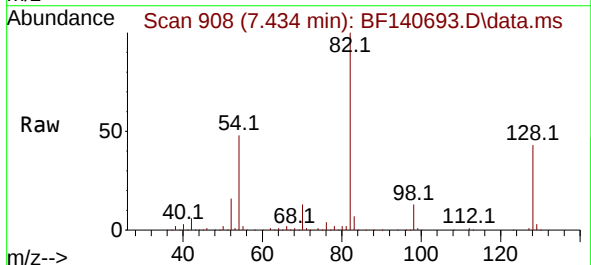
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.8	5.8	8.8
68	5.2	4.1	6.1

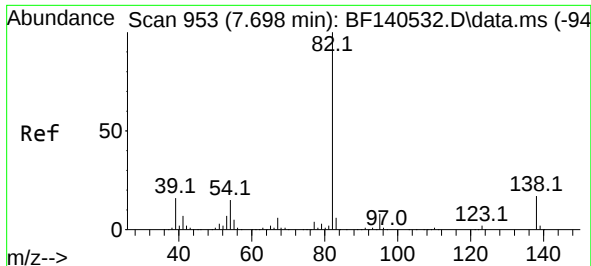


#23
Nitrobenzene-d5
Concen: 95.380 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

Tgt Ion: 82 Resp: 589870

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.0	49.4
54	47.8	39.5	59.3

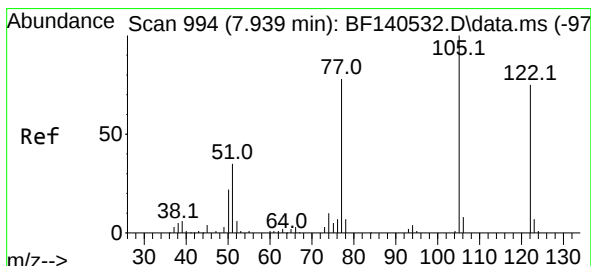
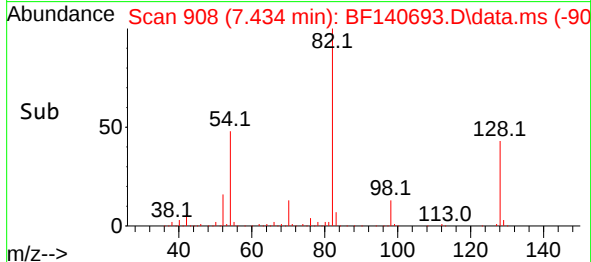
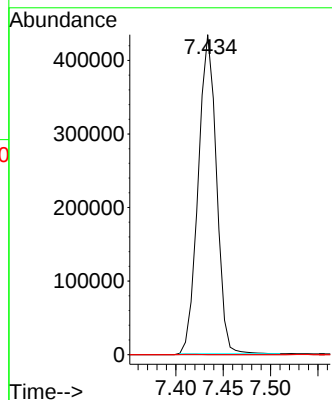
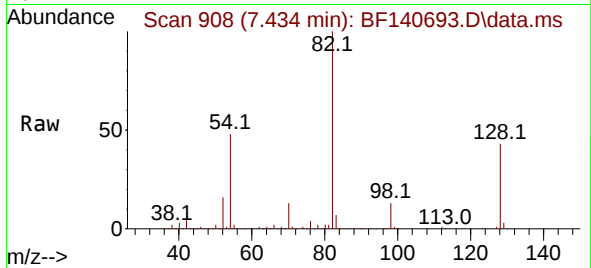




#25
Isophorone
Concen: 56.266 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

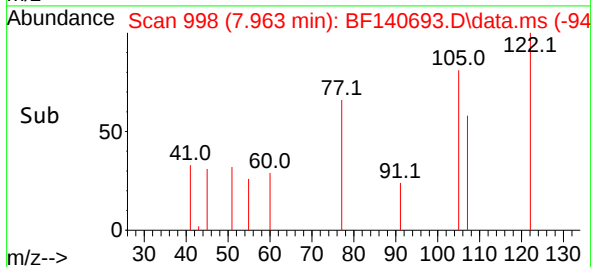
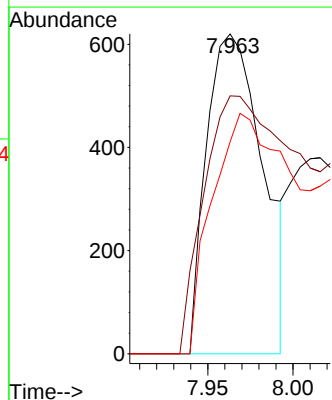
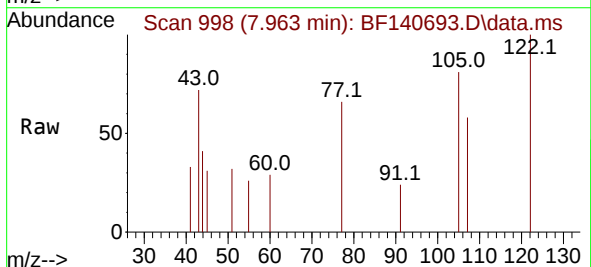
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

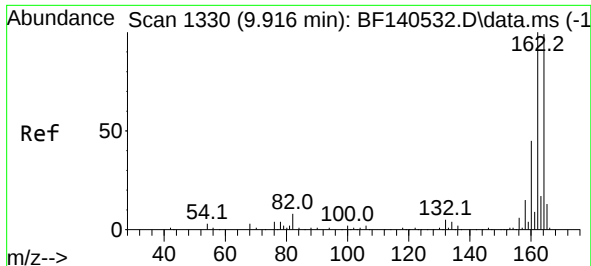
Tgt Ion: 82 Resp: 580392
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.603 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.024 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

Tgt Ion: 122 Resp: 1426
Ion Ratio Lower Upper
122 100
105 80.6 109.3 149.3#
77 66.3 82.3 122.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140693.D

Acq: 02 Dec 2024 17:13

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE

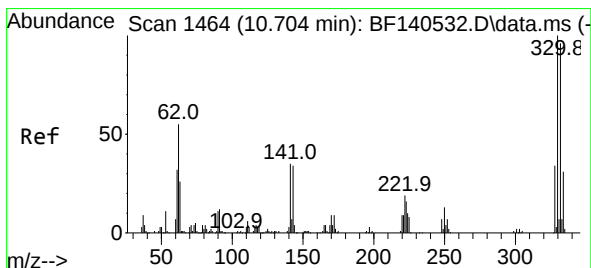
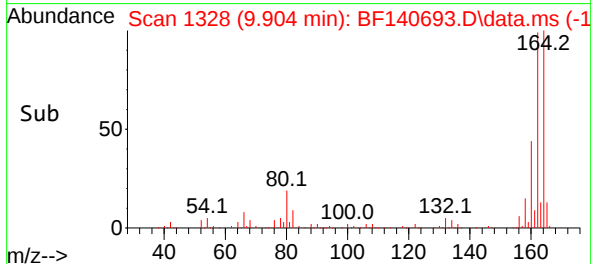
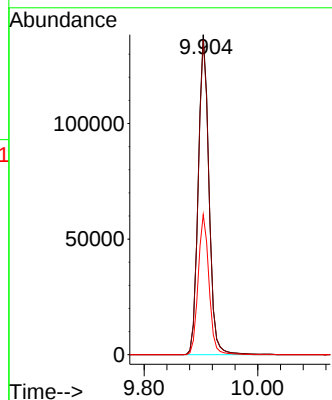
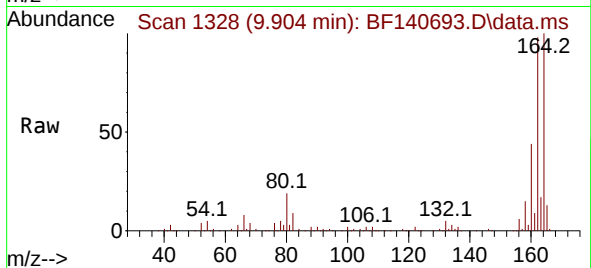
Tgt Ion:164 Resp: 182042

Ion Ratio Lower Upper

164 100

162 98.4 80.6 120.8

160 43.7 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 146.116 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140693.D

Acq: 02 Dec 2024 17:13

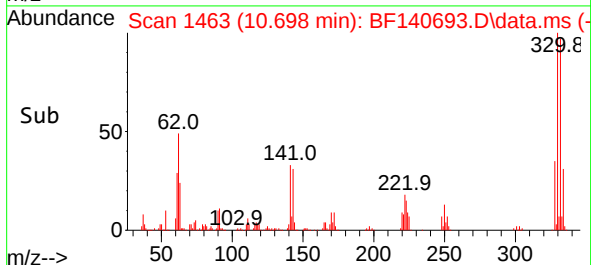
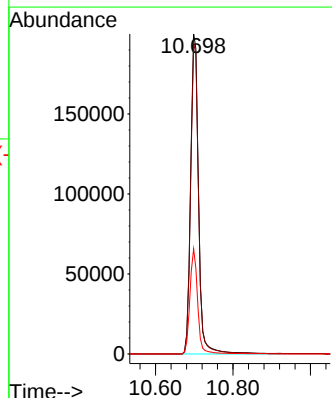
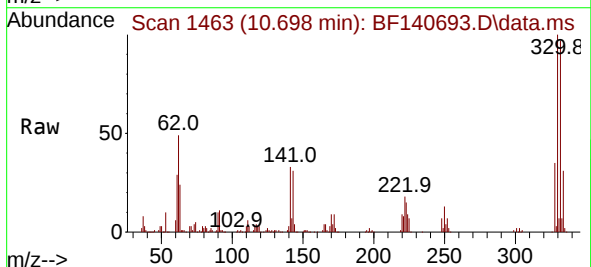
Tgt Ion:330 Resp: 284480

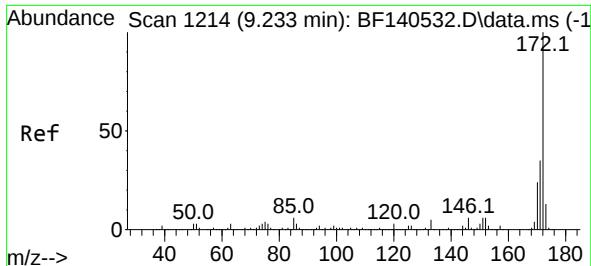
Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

141 31.9 26.7 40.1

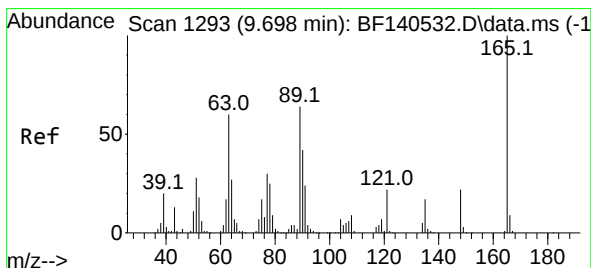
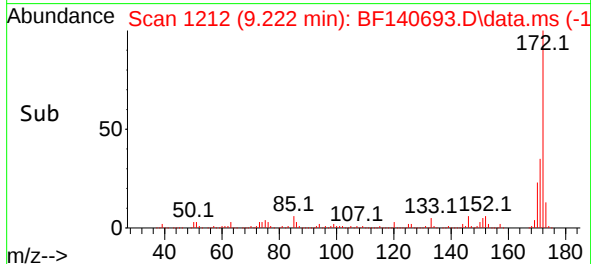
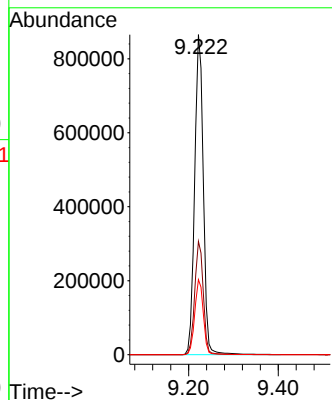
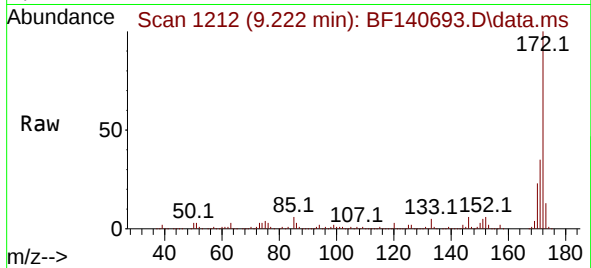




#45
2-Fluorobiphenyl
Concen: 94.865 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

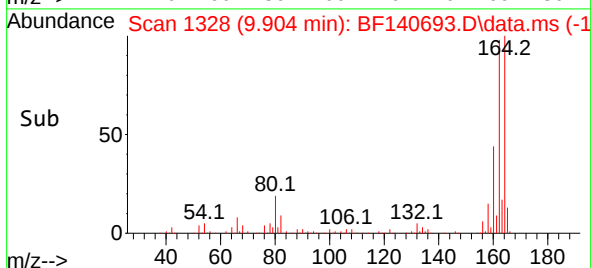
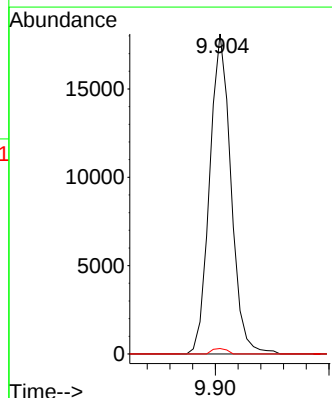
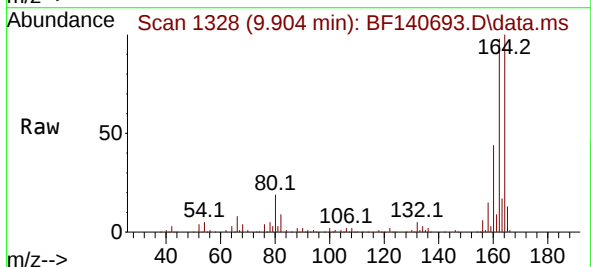
Instrument :
BNA_F
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STOCK-PILE

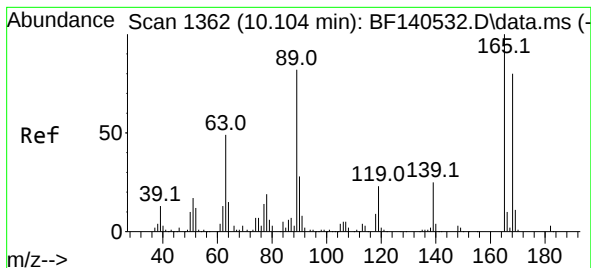
Tgt Ion:172 Resp: 1159060
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.4 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.692 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

Tgt Ion:165 Resp: 23634
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 1.7 50.9 76.3#

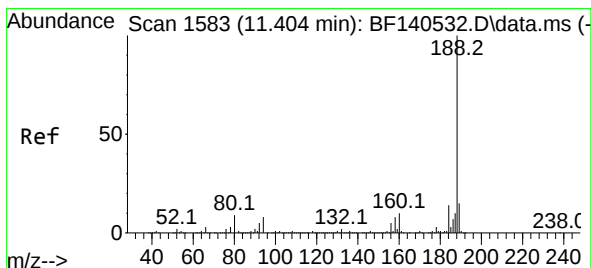
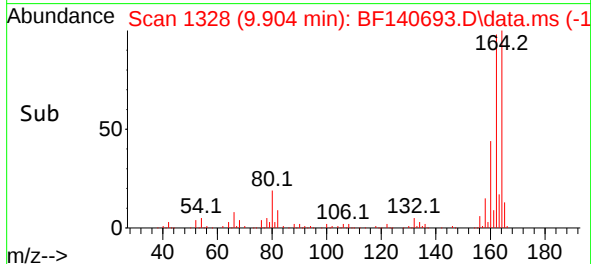
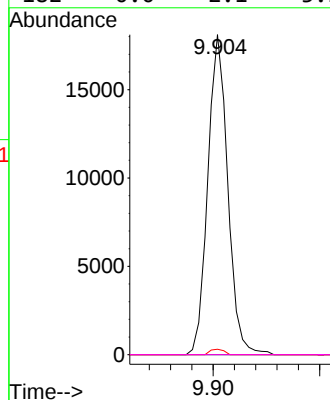
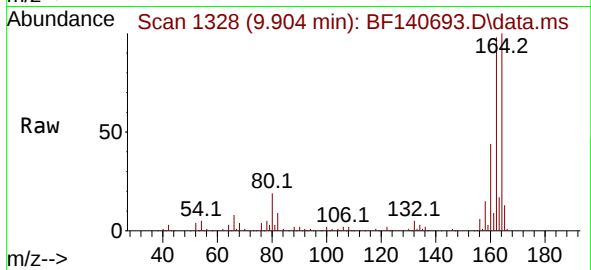




#57
2,4-Dinitrotoluene
Concen: 6.540 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

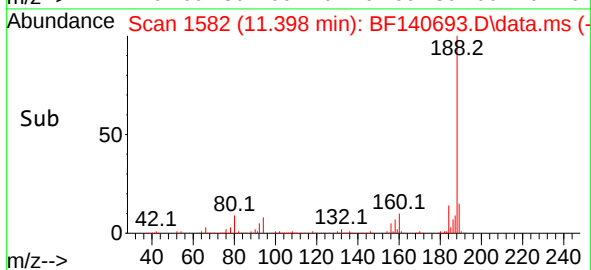
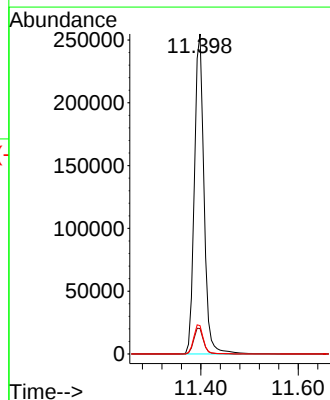
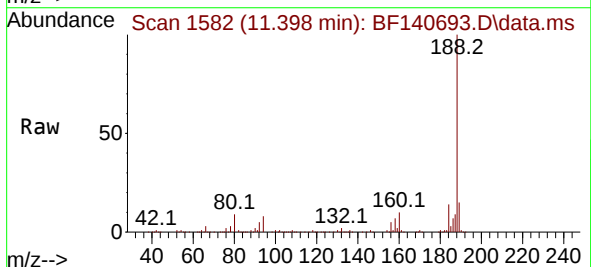
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

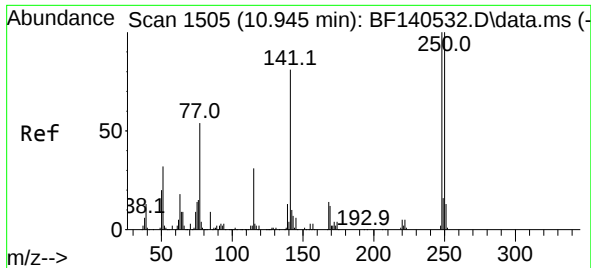
Tgt Ion:165 Resp: 23634
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 1.7 65.8 98.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

Tgt Ion:188 Resp: 350833
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.9 6.9 10.3

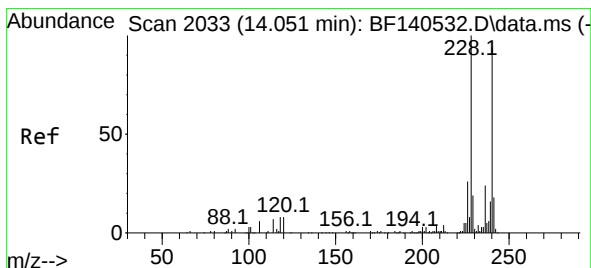
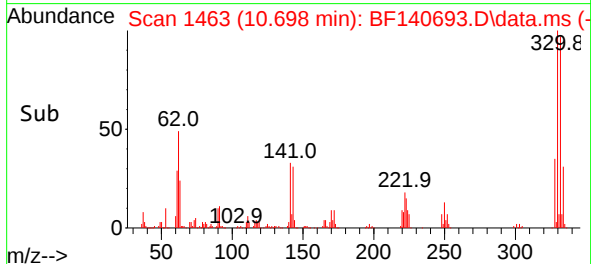
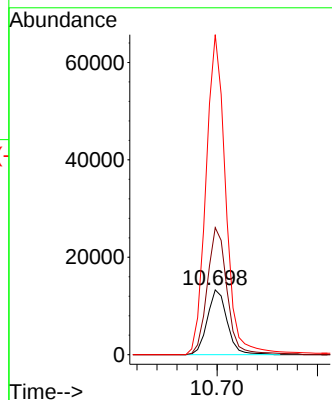
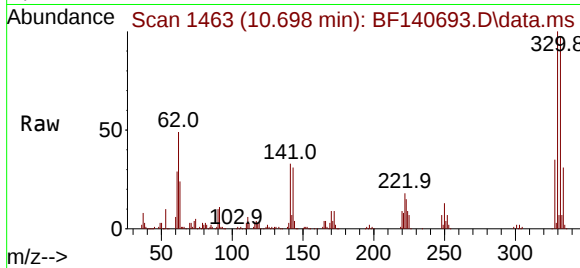




#67
4-Bromophenyl-phenylether
Concen: 5.064 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

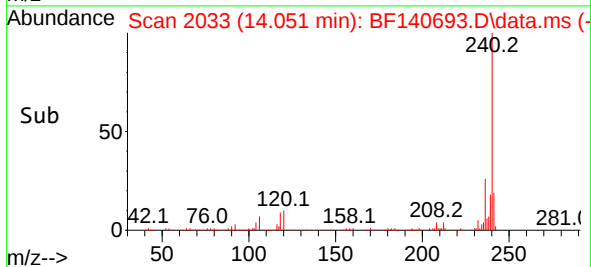
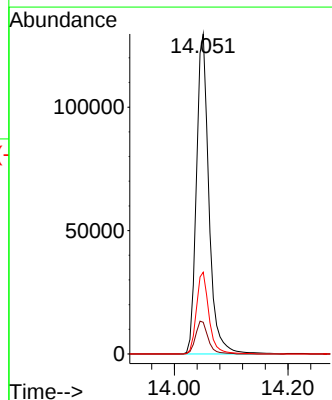
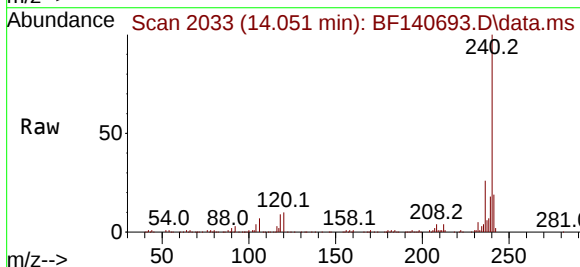
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

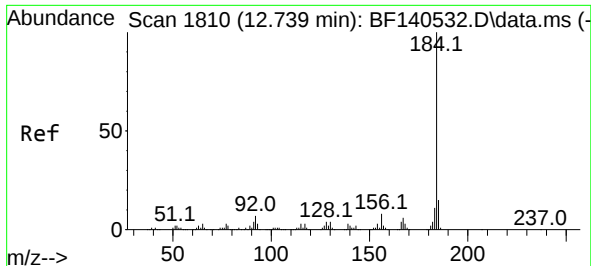
Tgt Ion:248 Resp: 18296
Ion Ratio Lower Upper
248 100
250 196.0 79.8 119.8#
141 493.8 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

Tgt Ion:240 Resp: 198441
Ion Ratio Lower Upper
240 100
120 9.9 7.3 10.9
236 25.5 20.6 31.0

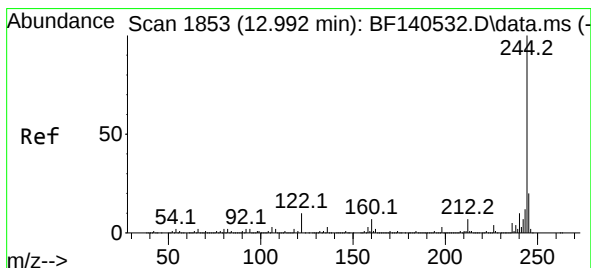
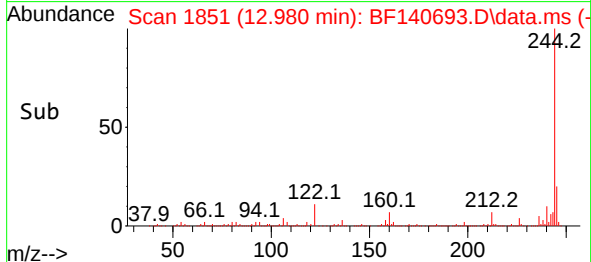
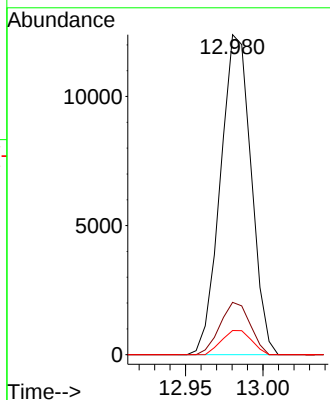
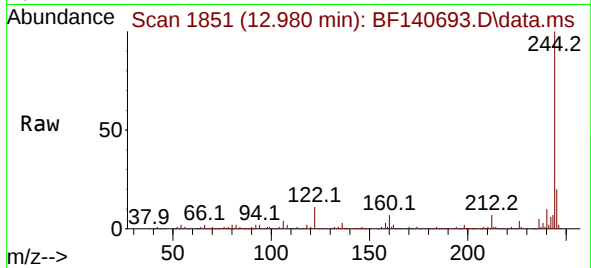




#77
Benzidine
Concen: 2.966 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.241 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

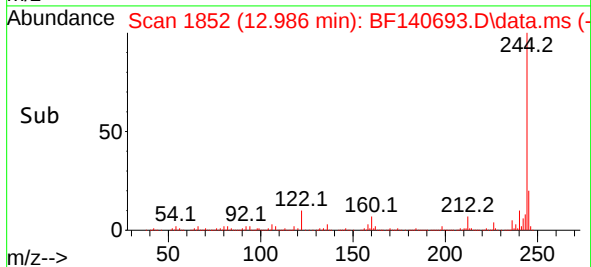
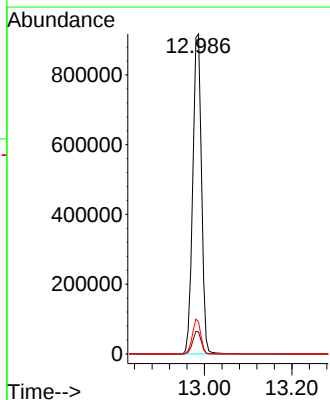
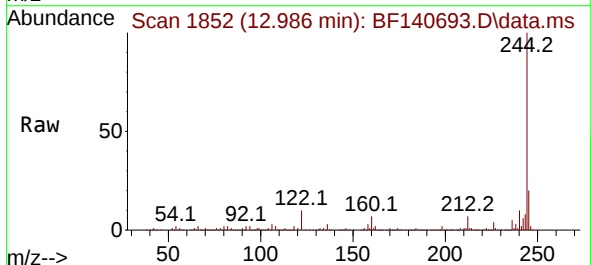
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

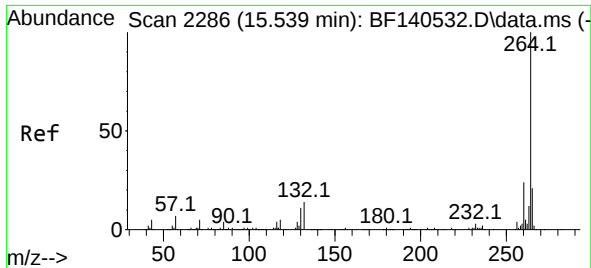
Tgt Ion:184 Resp: 17111
Ion Ratio Lower Upper
184 100
185 16.3 11.7 17.5
183 7.6 8.8 13.2#



#79
Terphenyl-d14
Concen: 99.961 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

Tgt Ion:244 Resp: 1273901
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 10.0 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Tgt Ion:264 Resp: 155443

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.3	16.6	25.0

