

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

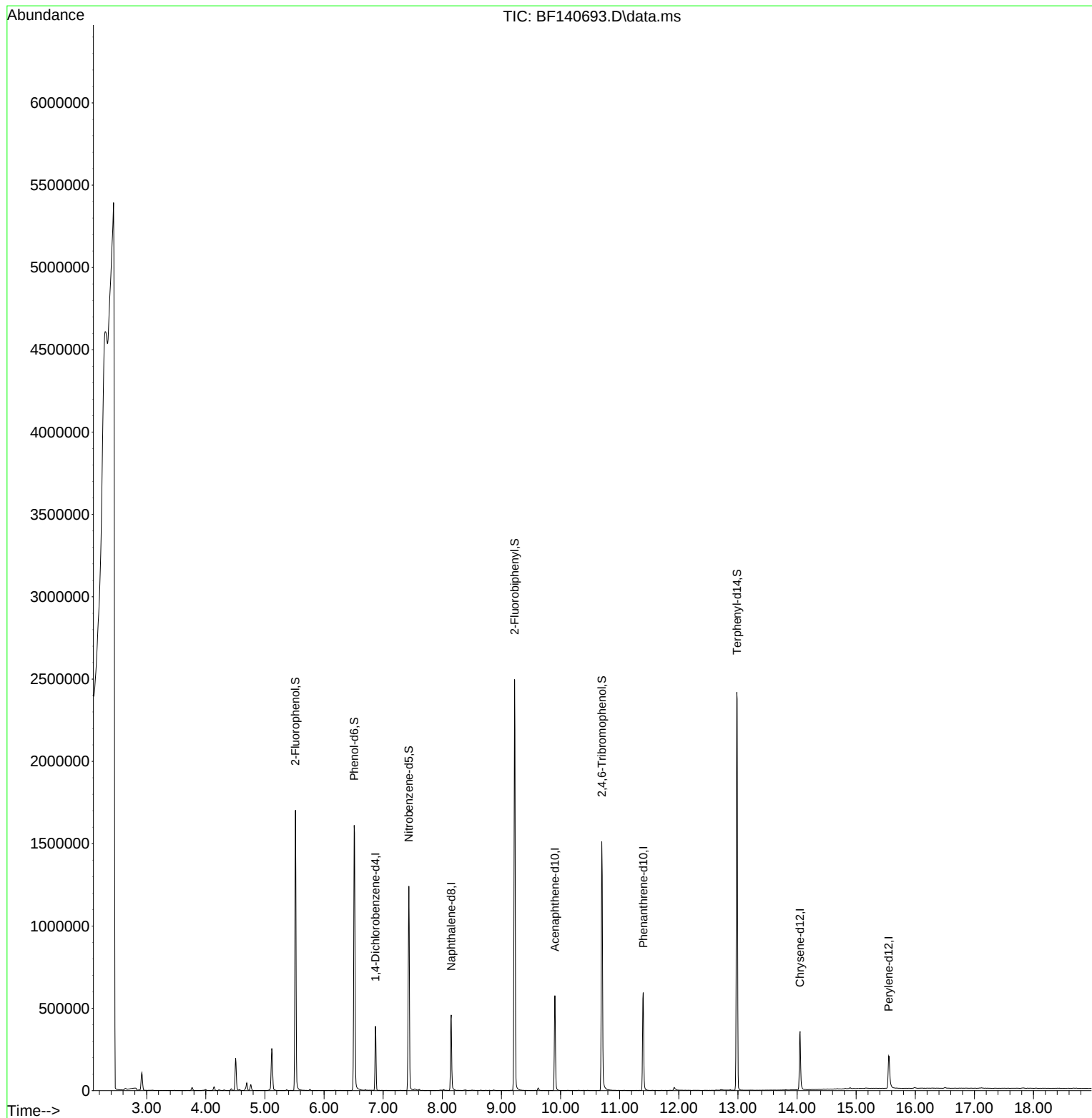
Target Compounds	Qvalue

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

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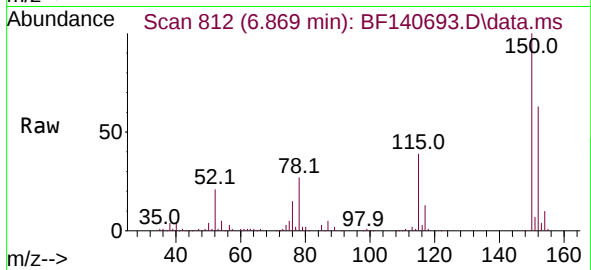
Quant Time: Dec 02 17:42:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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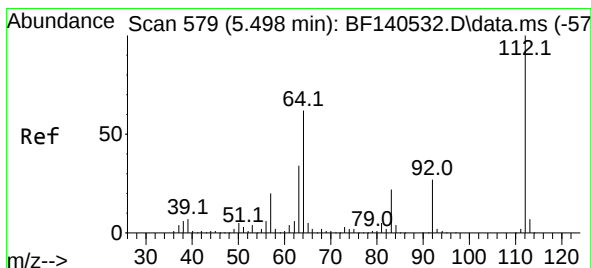
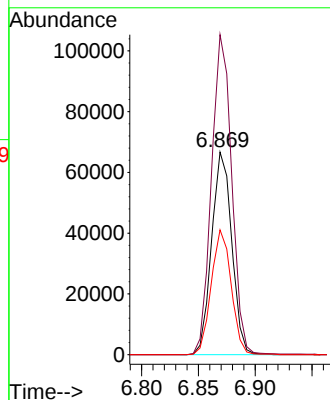
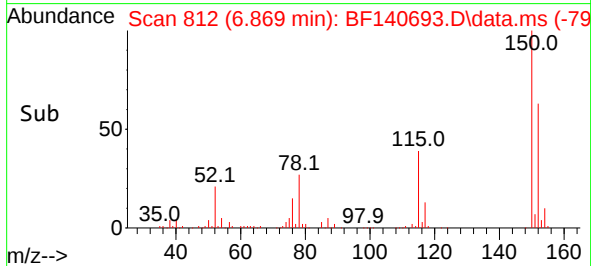


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

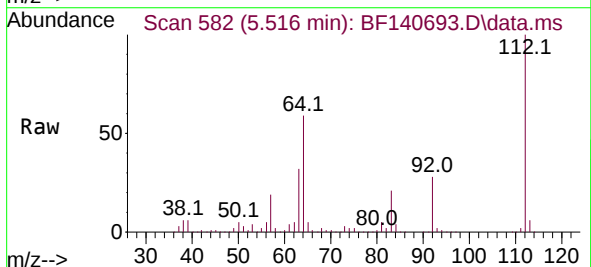
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE



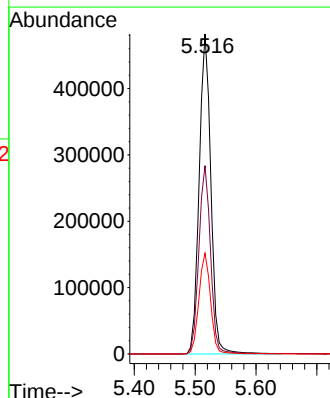
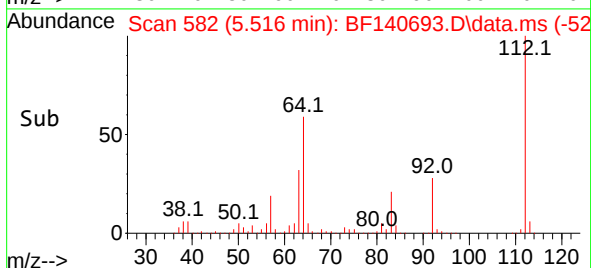
Tgt Ion:152 Resp: 82177
Ion Ratio Lower Upper
152 100
150 158.0 128.5 192.7
115 61.6 50.2 75.4

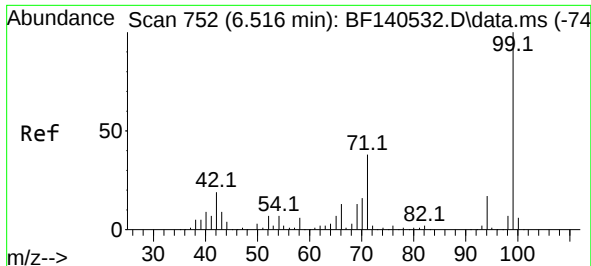


#5
2-Fluorophenol
Concen: 133.674 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13



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

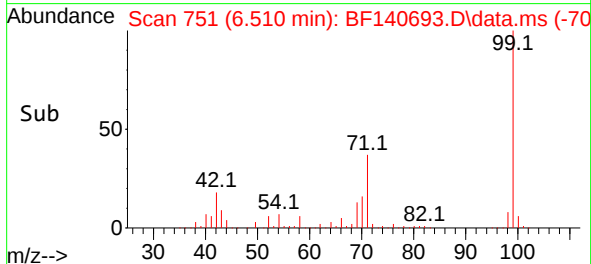
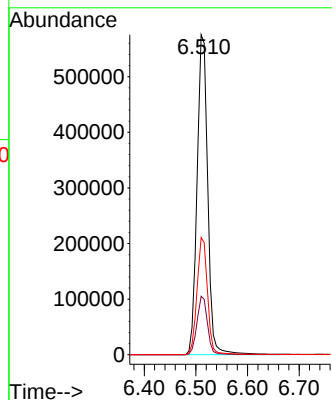
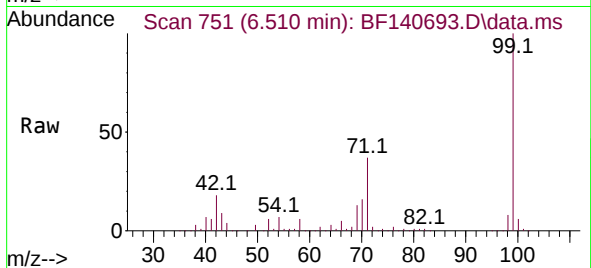




#7
Phenol-d6
Concen: 129.717 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

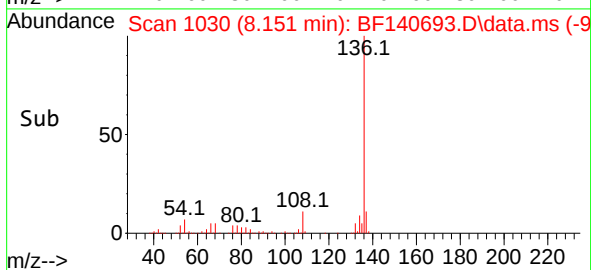
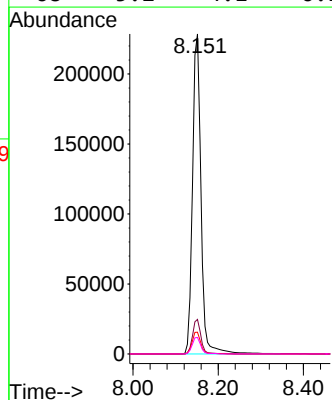
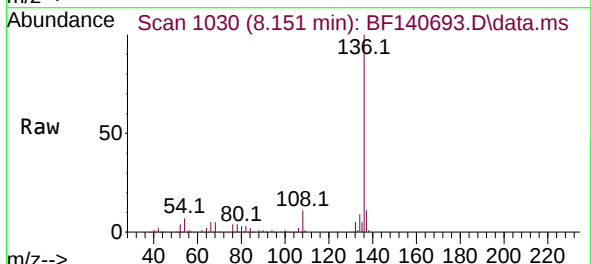
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

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



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

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

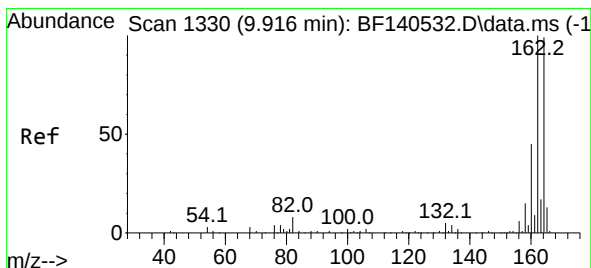
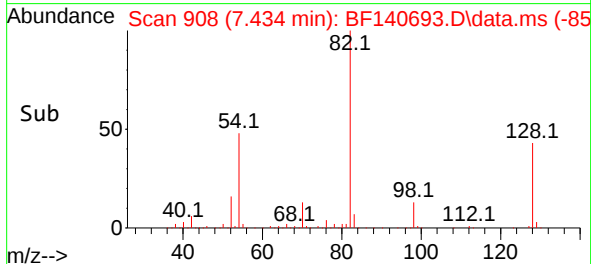
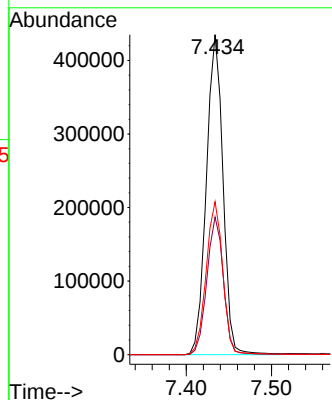
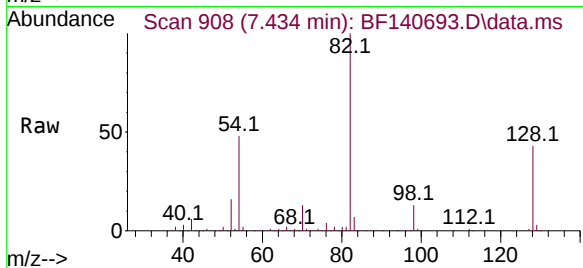




#23
Nitrobenzene-d5
Concen: 95.380 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

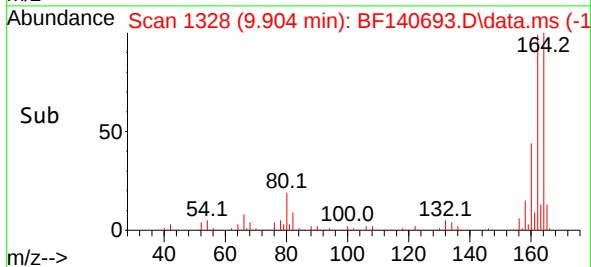
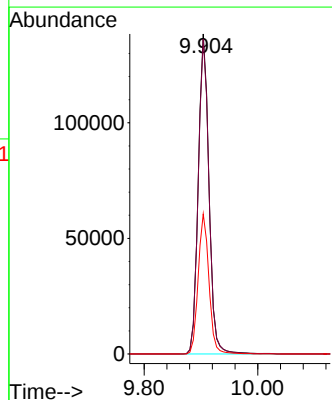
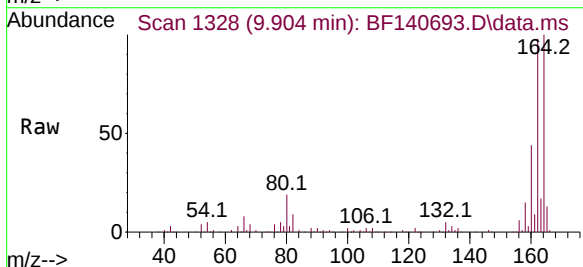
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

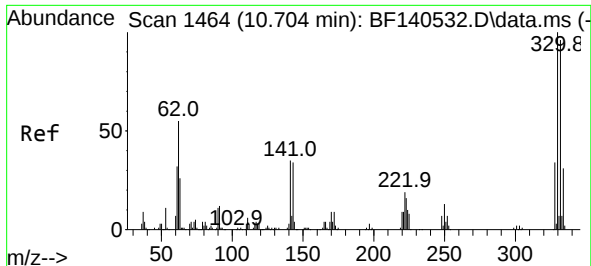
Tgt Ion: 82 Resp: 589870
Ion Ratio Lower Upper
82 100
128 43.0 33.0 49.4
54 47.8 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

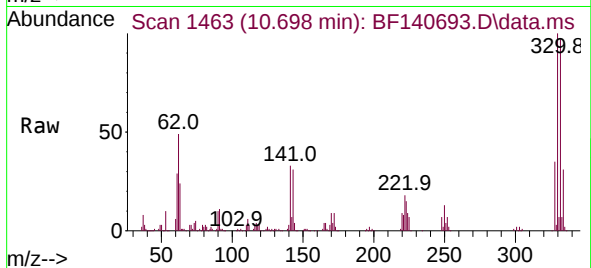
Tgt Ion:164 Resp: 182042
Ion Ratio Lower Upper
164 100
162 98.4 80.6 120.8
160 43.7 36.2 54.4



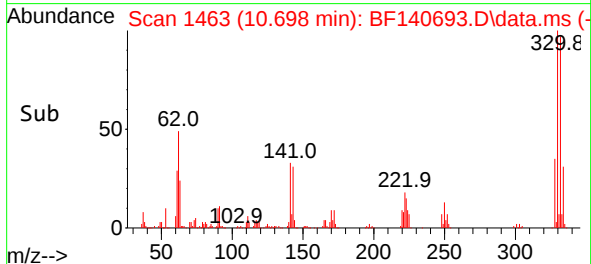
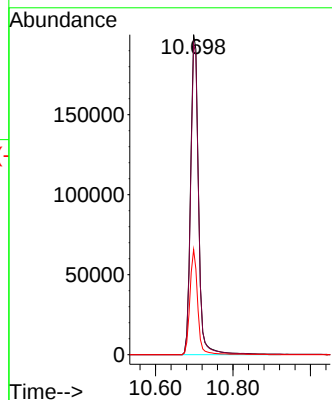


#42
2,4,6-Tribromophenol
Concen: 146.116 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

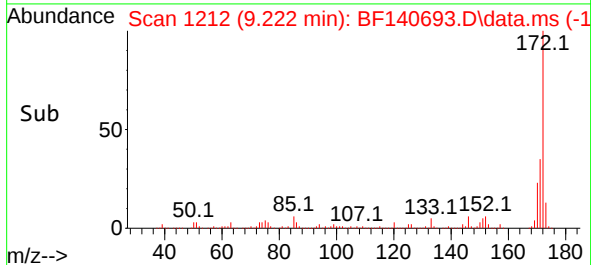
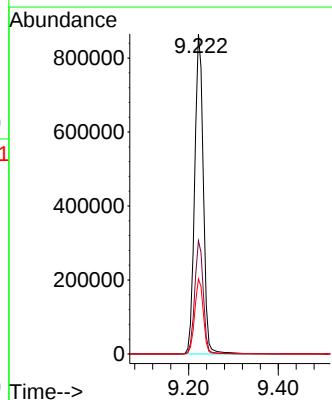
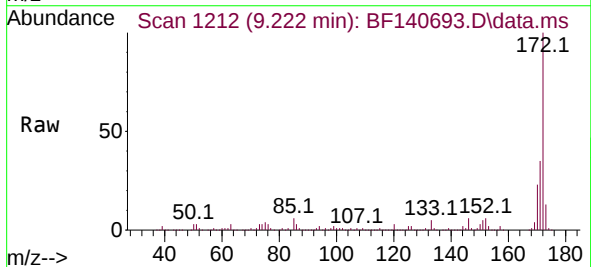


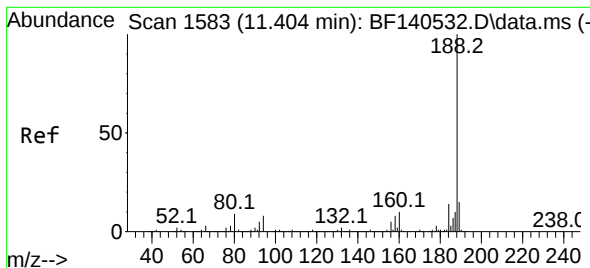
Tgt Ion:330 Resp: 284480
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 31.9 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 94.865 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140693.D
Acq: 02 Dec 2024 17:13

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140693.D

Acq: 02 Dec 2024 17:13

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE

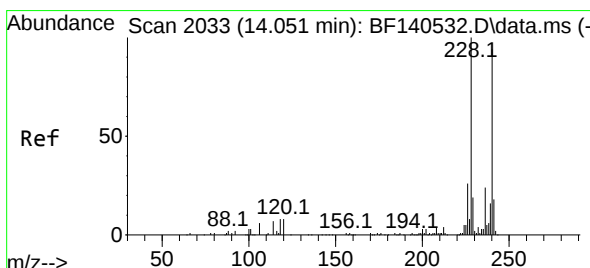
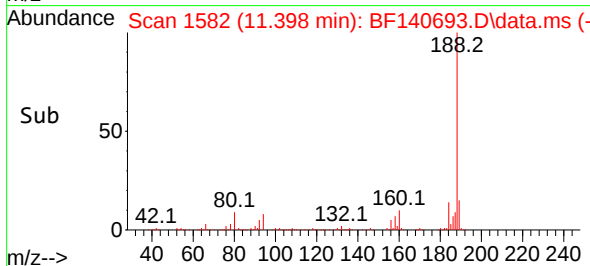
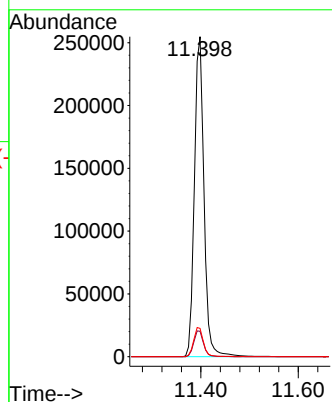
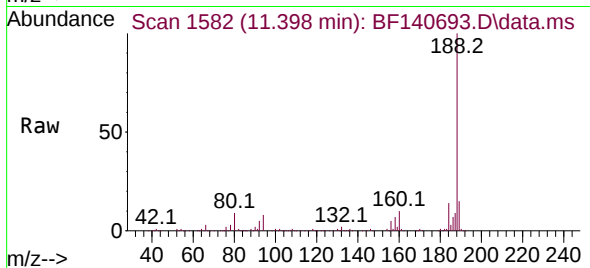
Tgt Ion:188 Resp: 350833

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 8.9 6.9 10.3



#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

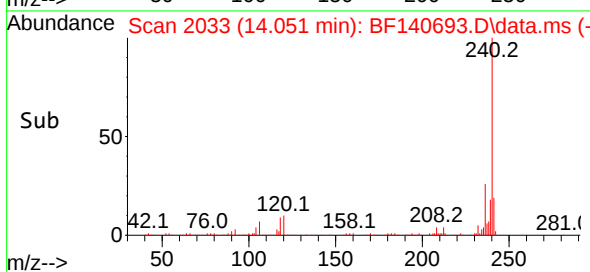
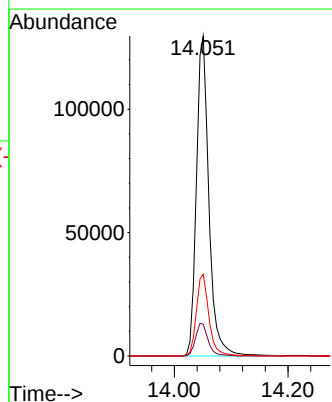
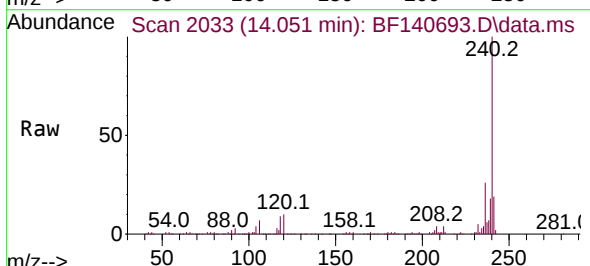
Tgt Ion:240 Resp: 198441

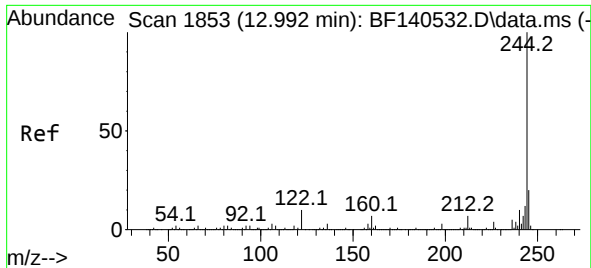
Ion Ratio Lower Upper

240 100

120 9.9 7.3 10.9

236 25.5 20.6 31.0

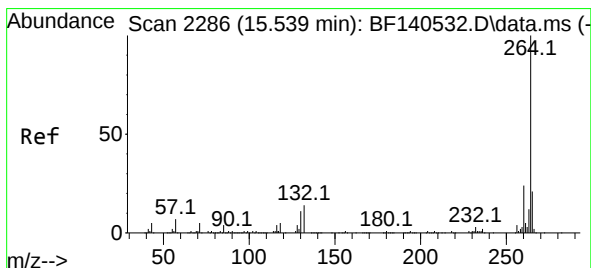
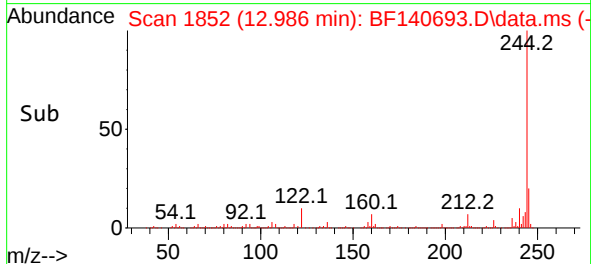
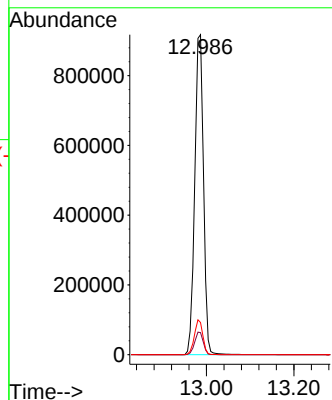
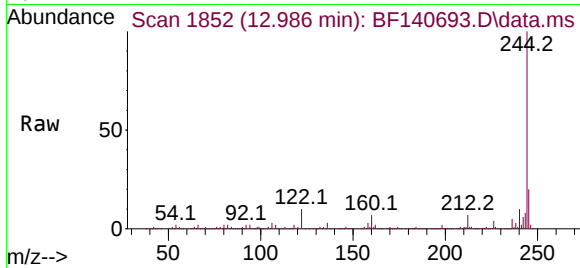




#79
 Terphenyl-d14
 Concen: 99.961 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140693.D
 Acq: 02 Dec 2024 17:13

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE

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# 2288
 Delta R.T. 0.012 min
 Lab File: BF140693.D
 Acq: 02 Dec 2024 17:13

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

