

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140540.D
 Acq On : 21 Nov 2024 17:20
 Operator : RC/JU
 Sample : PB165060TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165060TB

Quant Time: Nov 21 17:44:58 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	89751	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	336762	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	191525	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	362676	20.000	ng	0.00
76) Chrysene-d12	14.045	240	205517	20.000	ng	0.00
86) Perylene-d12	15.539	264	163891	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	726916	138.190	ng	0.02
7) Phenol-d6	6.510	99	938987	135.025	ng	0.00
23) Nitrobenzene-d5	7.433	82	625240	94.967	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	265428	129.580	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1207853	93.963	ng	0.00
79) Terphenyl-d14	12.986	244	1311789	99.390	ng	0.00

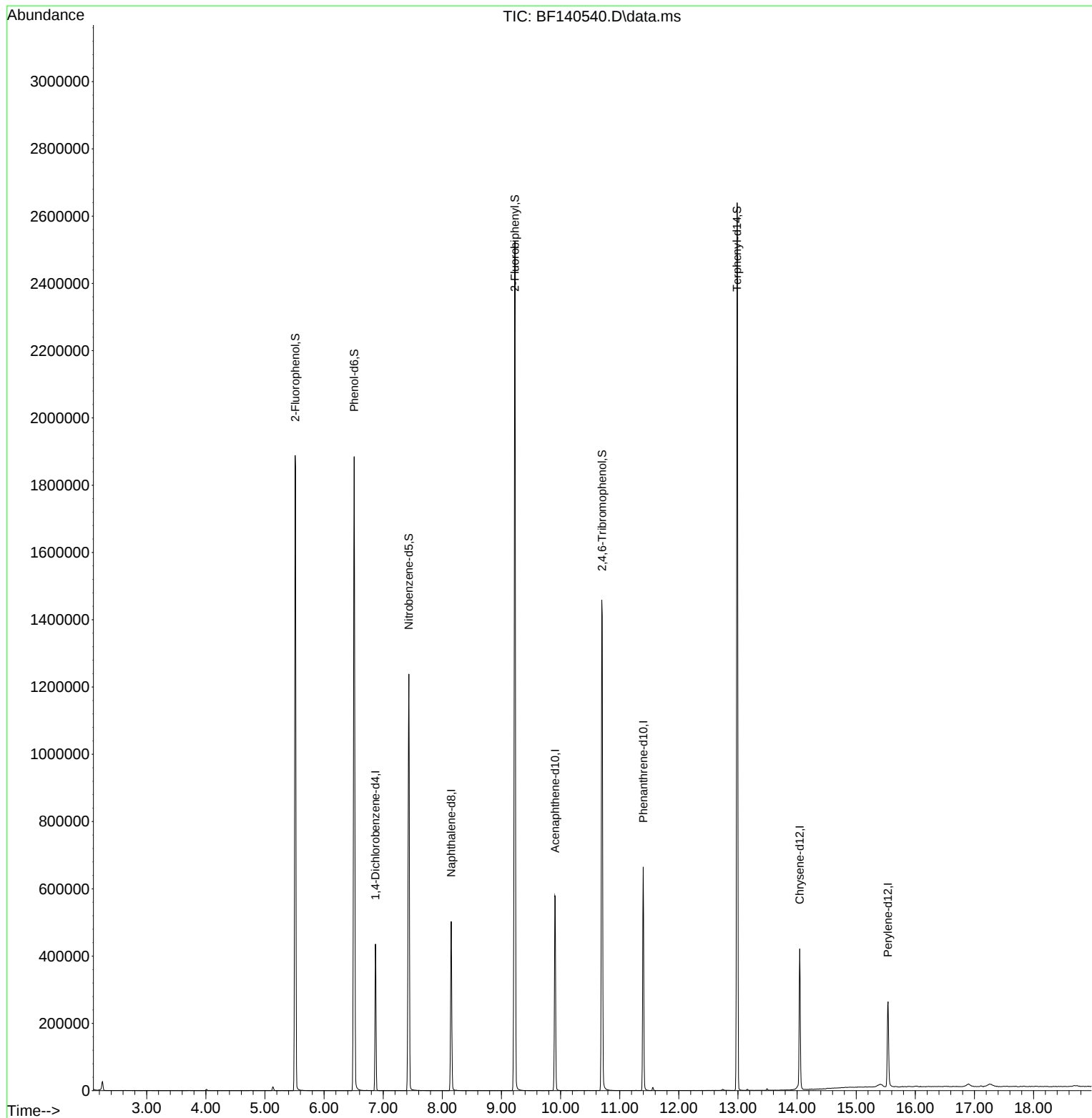
Target Compounds	Qvalue

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

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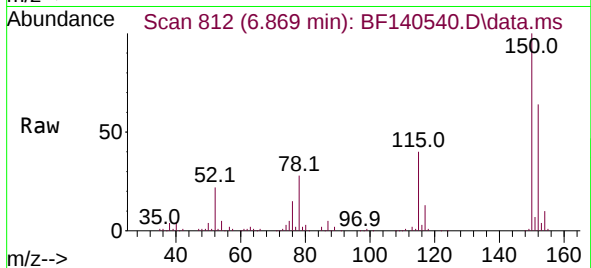
Quant Time: Nov 21 17:44:58 2024
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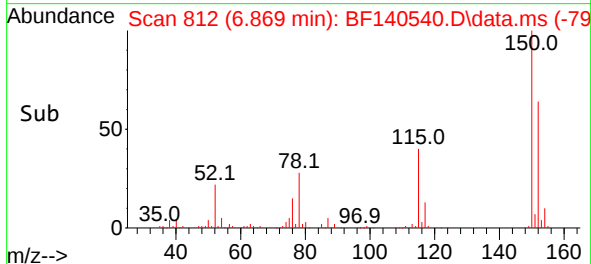
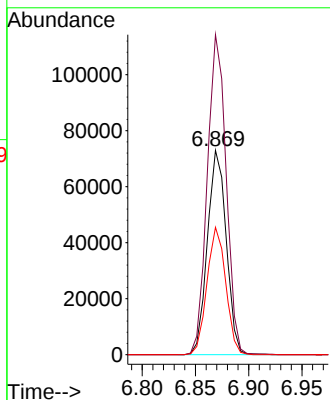


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140540.D
Acq: 21 Nov 2024 17:20

Instrument :
BNA_F
ClientSampleId :
PB165060TB

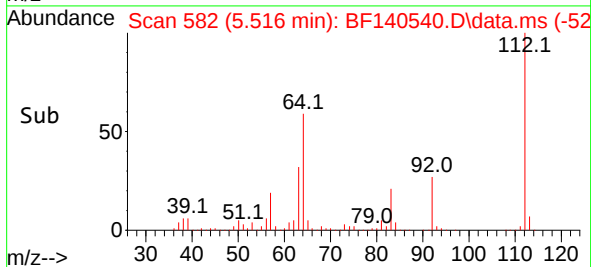
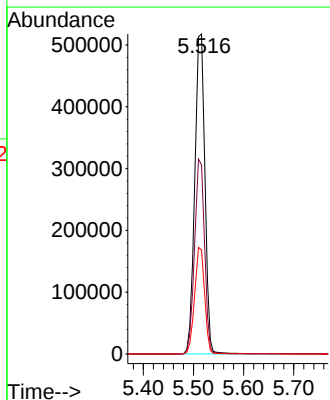
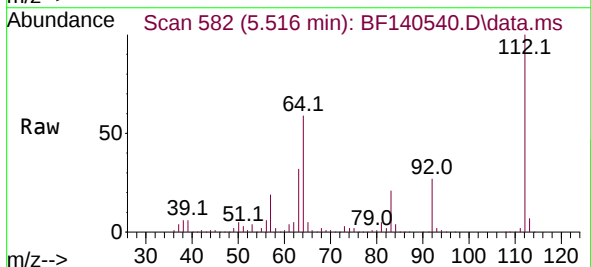


Tgt Ion:152 Resp: 89751
Ion Ratio Lower Upper
152 100
150 156.6 128.5 192.7
115 62.3 50.2 75.4



#5
2-Fluorophenol
Concen: 138.190 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140540.D
Acq: 21 Nov 2024 17:20

Tgt Ion:112 Resp: 726916
Ion Ratio Lower Upper
112 100
64 59.0 49.2 73.8
63 32.5 27.0 40.4

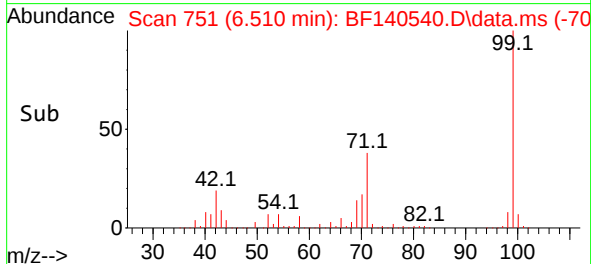
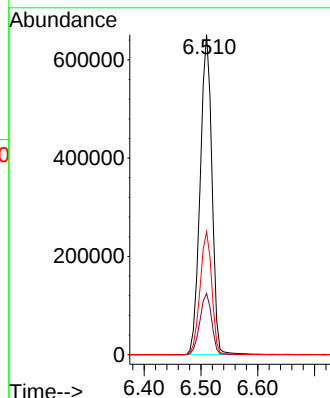
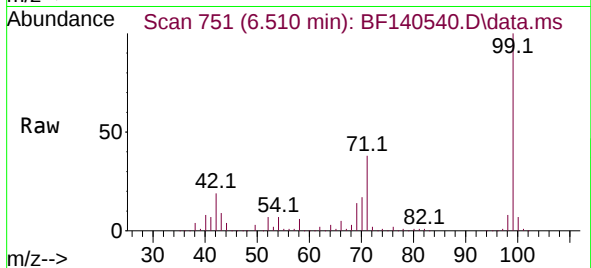




#7
Phenol-d6
Concen: 135.025 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140540.D
Acq: 21 Nov 2024 17:20

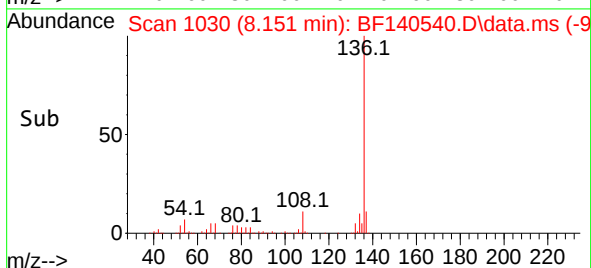
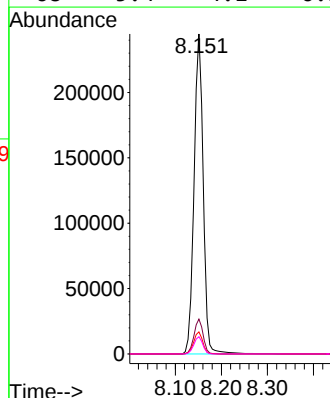
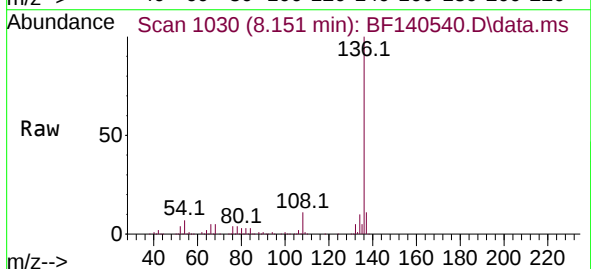
Instrument :
BNA_F
ClientSampleId :
PB165060TB

Tgt Ion: 99 Resp: 938987
Ion Ratio Lower Upper
99 100
42 19.1 15.4 23.0
71 38.4 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: BF140540.D
Acq: 21 Nov 2024 17:20

Tgt Ion: 136 Resp: 336762
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.9 5.8 8.8
68 5.4 4.1 6.1

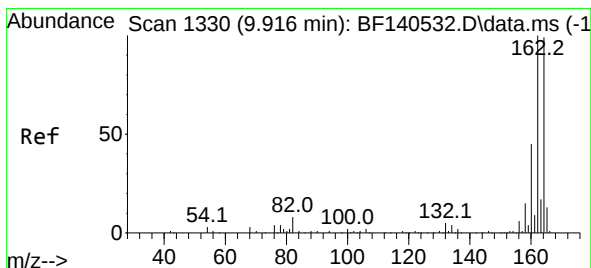
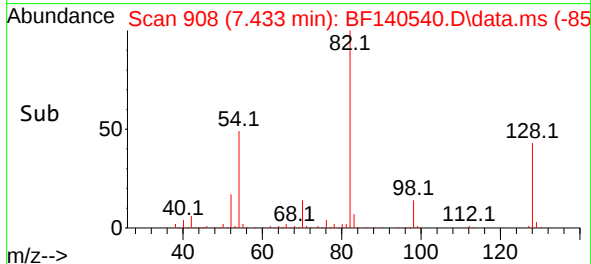
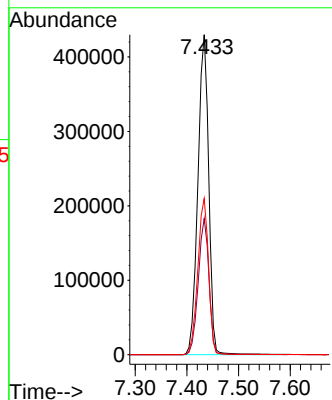
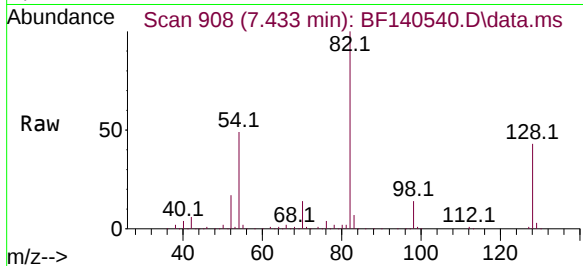




#23
Nitrobenzene-d5
Concen: 94.967 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140540.D
Acq: 21 Nov 2024 17:20

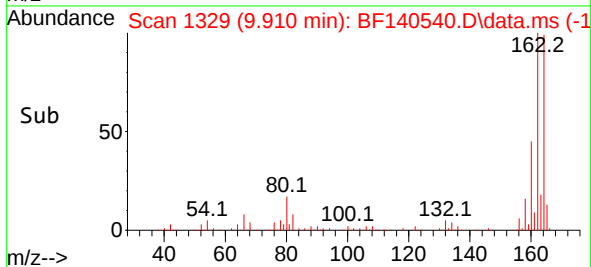
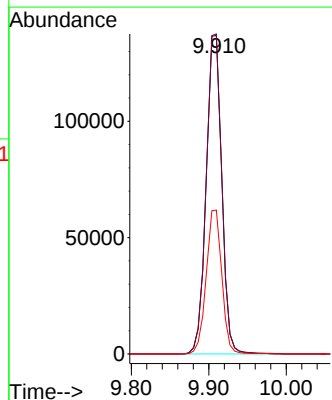
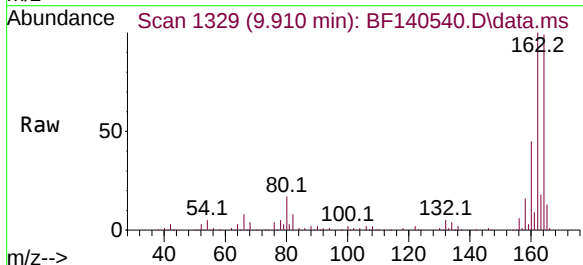
Instrument :
BNA_F
ClientSampleId :
PB165060TB

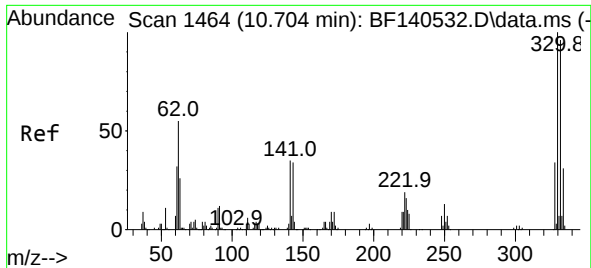
Tgt Ion: 82 Resp: 625240
Ion Ratio Lower Upper
82 100
128 42.6 33.0 49.4
54 48.8 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140540.D
Acq: 21 Nov 2024 17:20

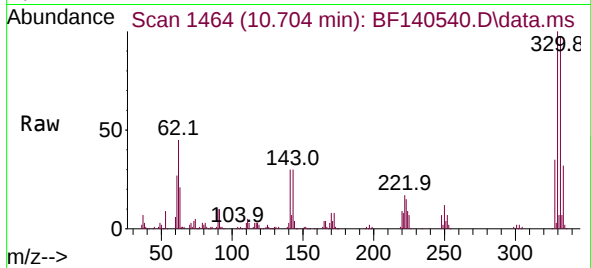
Tgt Ion:164 Resp: 191525
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 45.2 36.2 54.4



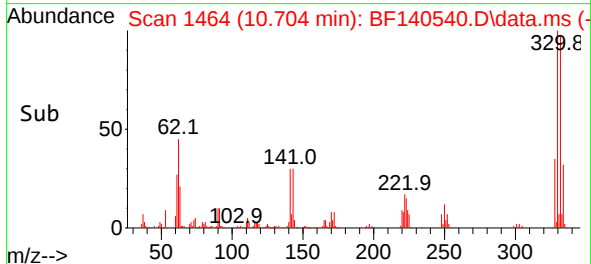
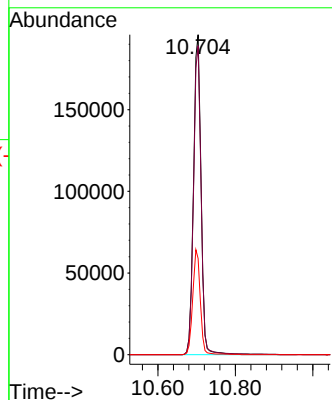


#42
2,4,6-Tribromophenol
Concen: 129.580 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140540.D
Acq: 21 Nov 2024 17:20

Instrument :
BNA_F
ClientSampleId :
PB165060TB

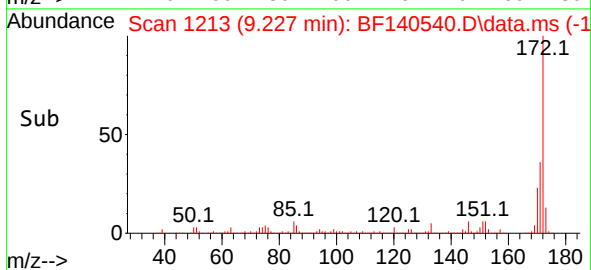
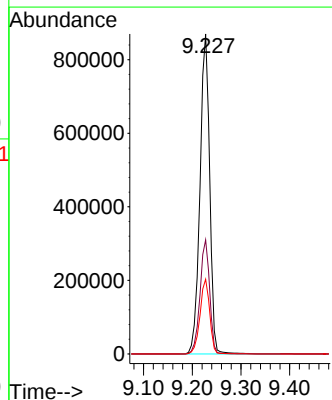
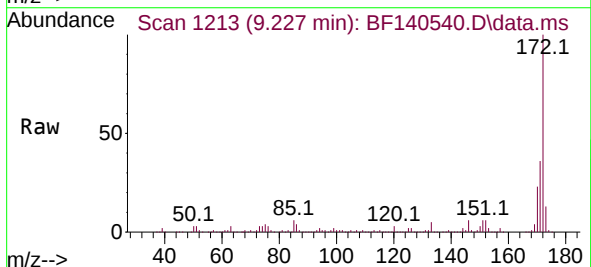


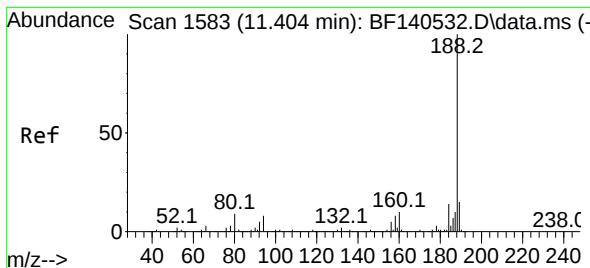
Tgt Ion:330 Resp: 265428
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 32.8 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 93.963 ng
RT: 9.227 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140540.D
Acq: 21 Nov 2024 17:20

Tgt Ion:172 Resp: 1207853
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.3 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: BF140540.D

Acq: 21 Nov 2024 17:20

Instrument :

BNA_F

ClientSampleId :

PB165060TB

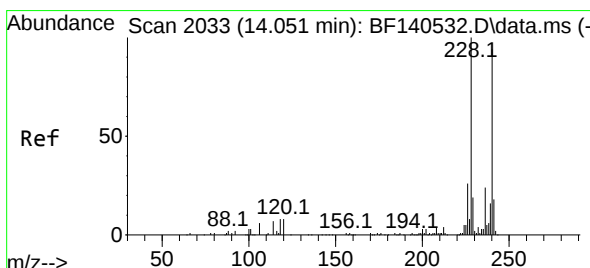
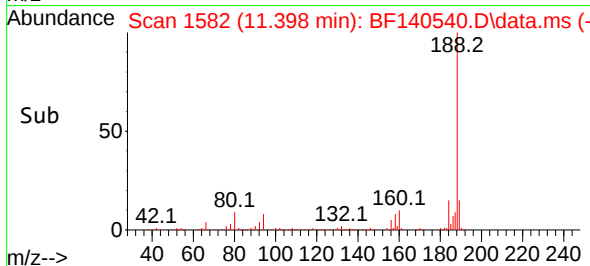
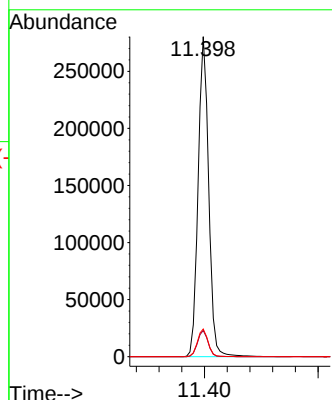
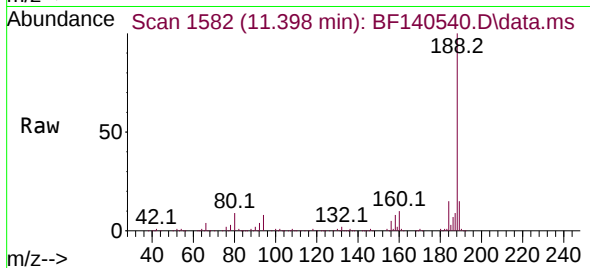
Tgt Ion:188 Resp: 362676

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.6 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140540.D

Acq: 21 Nov 2024 17:20

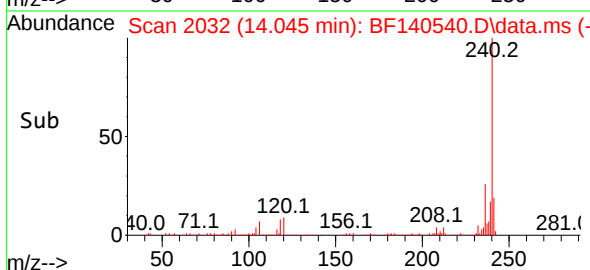
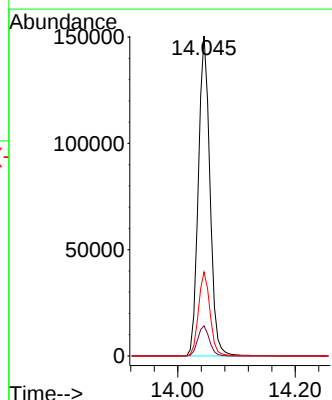
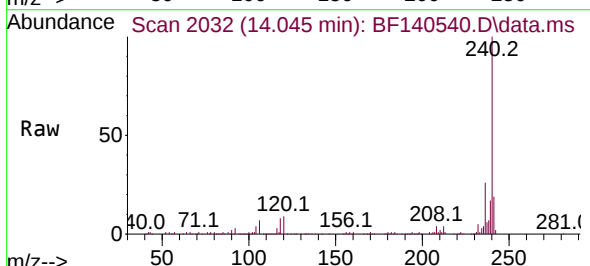
Tgt Ion:240 Resp: 205517

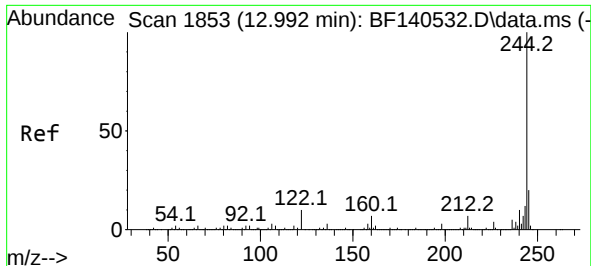
Ion Ratio Lower Upper

240 100

120 9.4 7.3 10.9

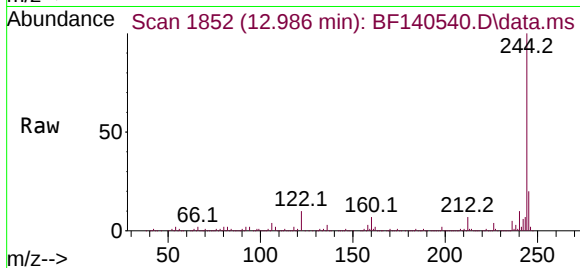
236 26.3 20.6 31.0



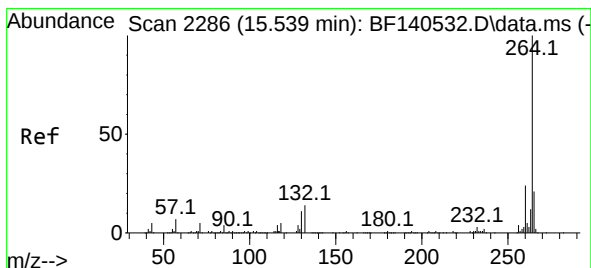
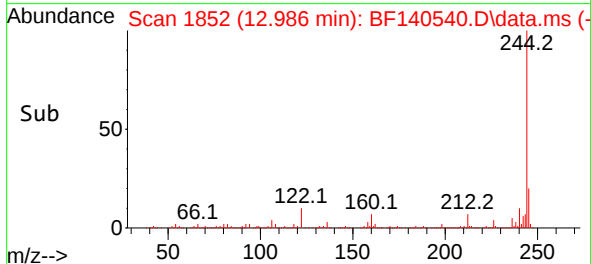
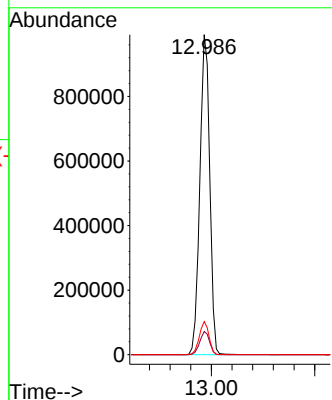


#79
Terphenyl-d14
Concen: 99.390 ng
RT: 12.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140540.D
Acq: 21 Nov 2024 17:20

Instrument :
BNA_F
ClientSampleId :
PB165060TB



Tgt Ion:244 Resp: 1311789
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.3 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BF140540.D
Acq: 21 Nov 2024 17:20

Tgt Ion:264 Resp: 163891
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 21.4 16.6 25.0

