

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
Data File : BF140418.D
Acq On : 16 Nov 2024 10:02
Operator : RC/JU
Sample : PB164993BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164993BL

Quant Time: Nov 18 00:04:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	168054	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	642488	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	365710	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	717042	20.000	ng	0.00
76) Chrysene-d12	14.051	240	477442	20.000	ng	0.00
86) Perylene-d12	15.551	264	394046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1170263	118.896	ng	0.03
7) Phenol-d6	6.516	99	1523103	114.215	ng	0.01
23) Nitrobenzene-d5	7.434	82	1012557	82.114	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	458929	126.194	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1866939	82.065	ng	0.00
79) Terphenyl-d14	12.992	244	2276360	82.760	ng	0.00

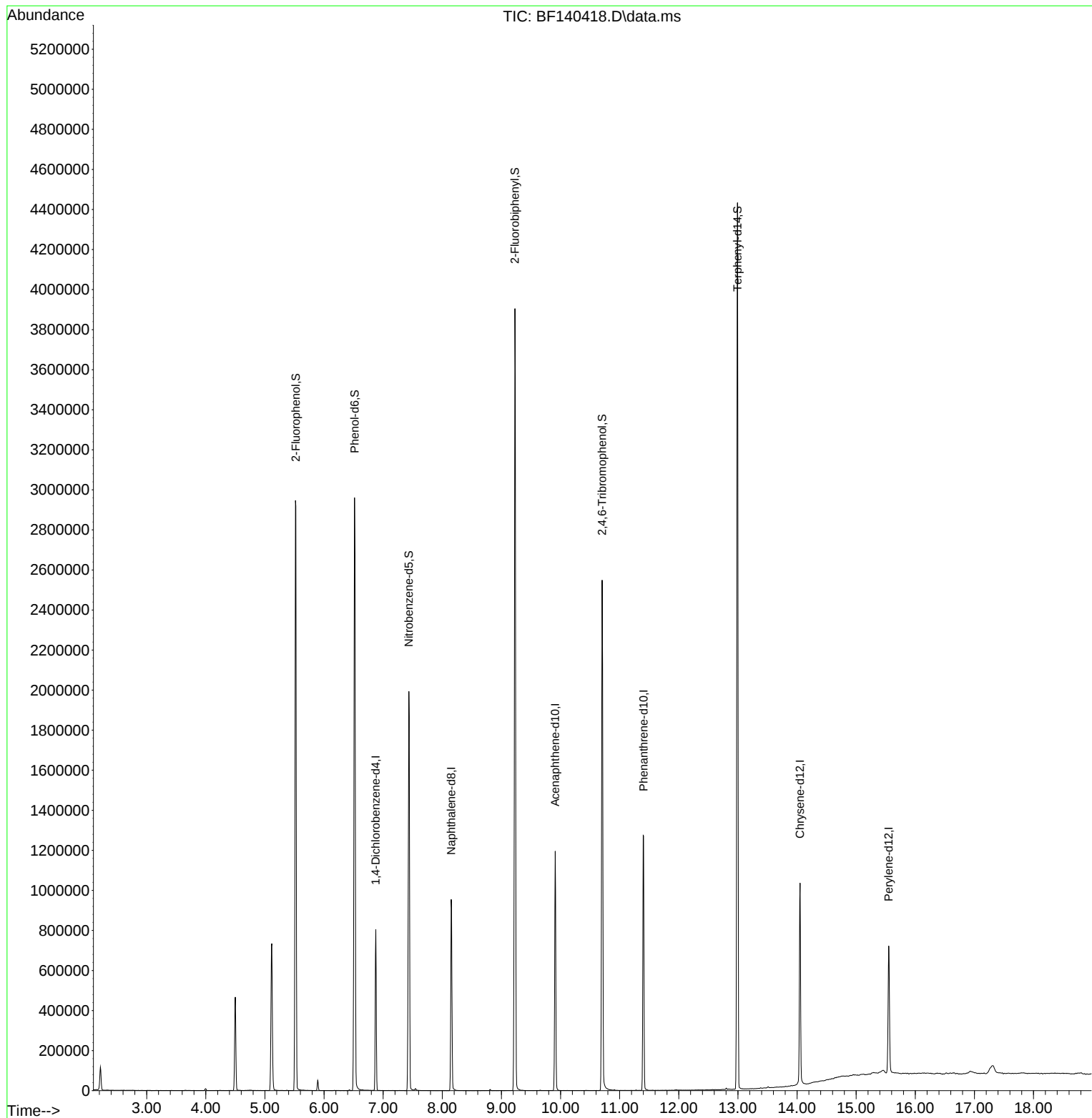
Target Compounds	Qvalue

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

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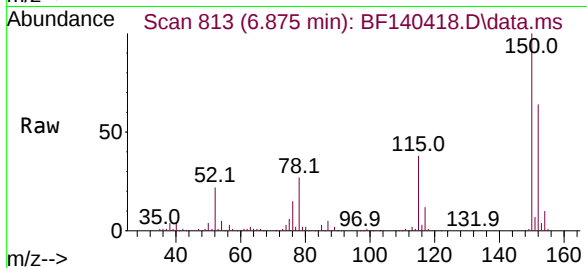
Quant Time: Nov 18 00:04:27 2024
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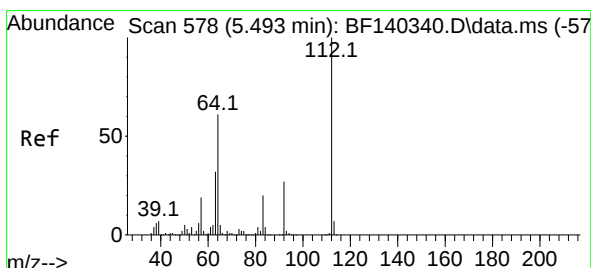
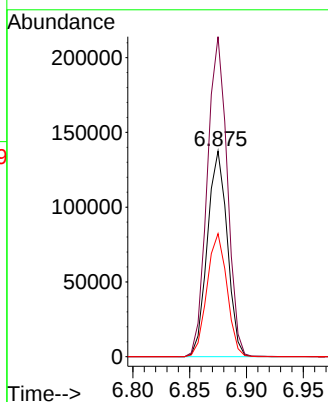
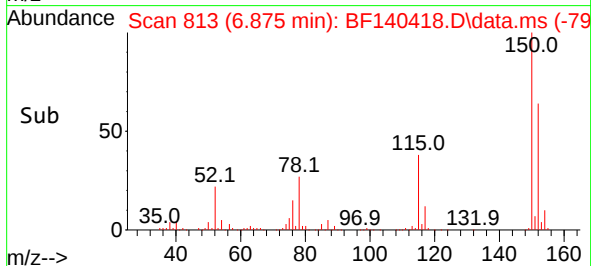


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140418.D
Acq: 16 Nov 2024 10:02

Instrument :
BNA_F
ClientSampleId :
PB164993BL

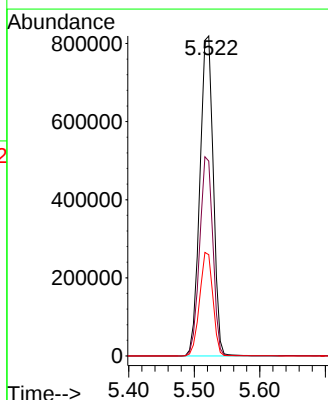
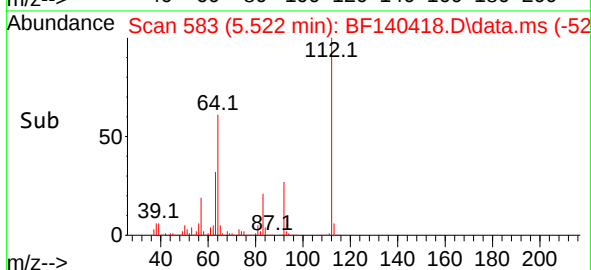
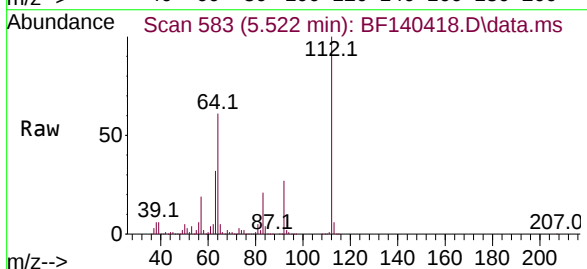


Tgt Ion:152 Resp: 168054
Ion Ratio Lower Upper
152 100
150 155.6 127.4 191.0
115 59.8 47.4 71.2



#5
2-Fluorophenol
Concen: 118.896 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.029 min
Lab File: BF140418.D
Acq: 16 Nov 2024 10:02

Tgt Ion:112 Resp: 1170263
Ion Ratio Lower Upper
112 100
64 60.9 49.2 73.8
63 31.7 25.6 38.4

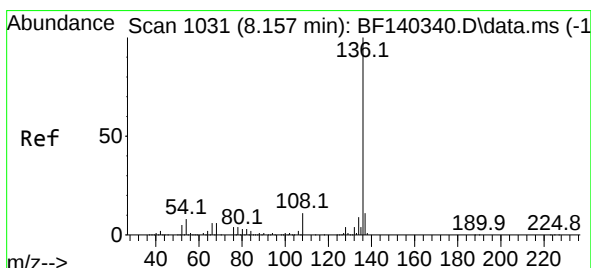
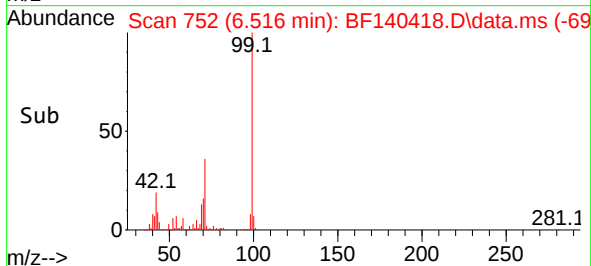
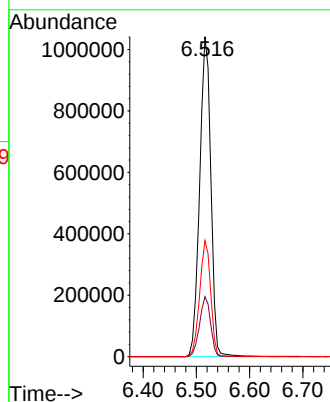
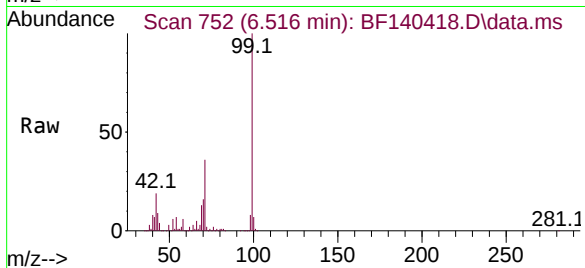




#7
Phenol-d6
Concen: 114.215 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140418.D
Acq: 16 Nov 2024 10:02

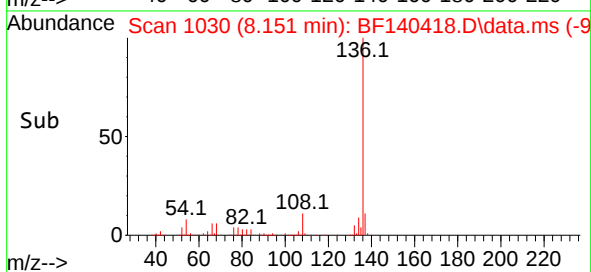
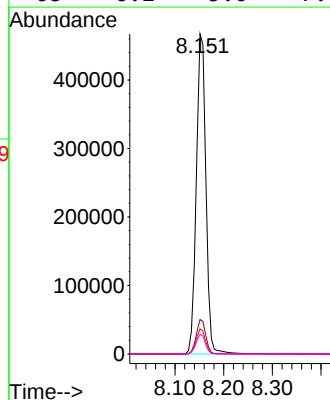
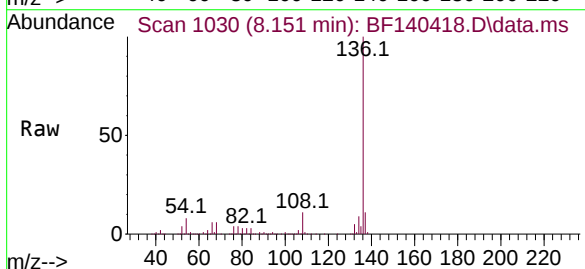
Instrument :
BNA_F
ClientSampleId :
PB164993BL

Tgt Ion: 99 Resp: 1523103
Ion Ratio Lower Upper
99 100
42 18.8 15.1 22.7
71 36.3 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140418.D
Acq: 16 Nov 2024 10:02

Tgt Ion:136 Resp: 642488
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.8 6.5 9.7
68 6.2 5.0 7.6

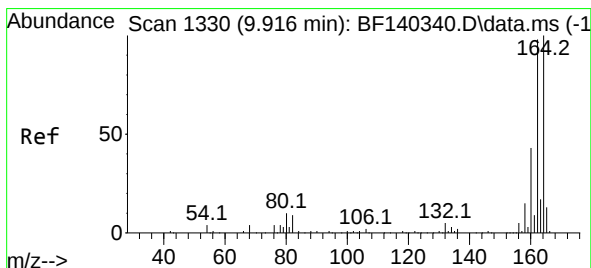
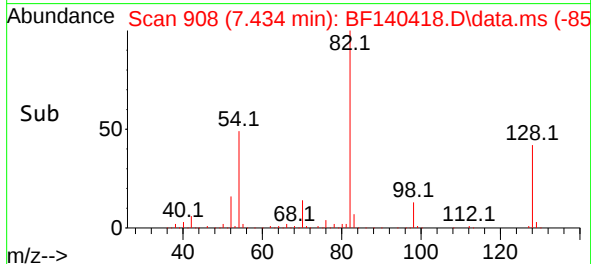
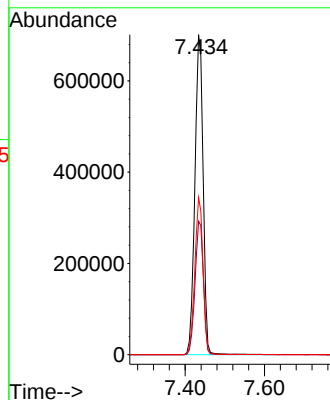
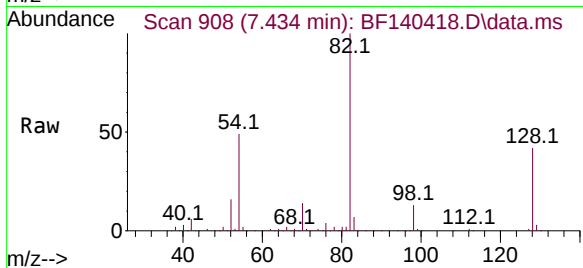




#23
Nitrobenzene-d5
Concen: 82.114 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140418.D
Acq: 16 Nov 2024 10:02

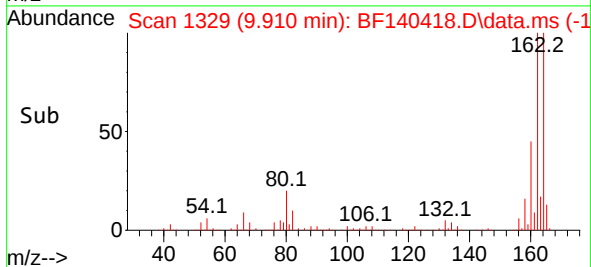
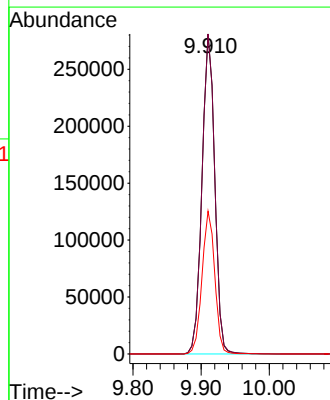
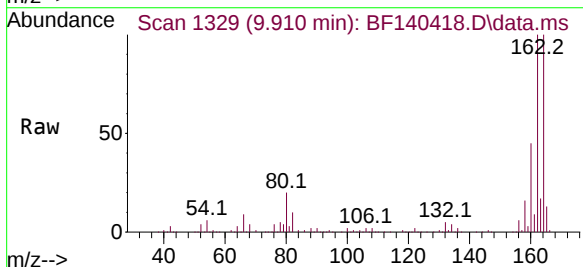
Instrument :
BNA_F
ClientSampleId :
PB164993BL

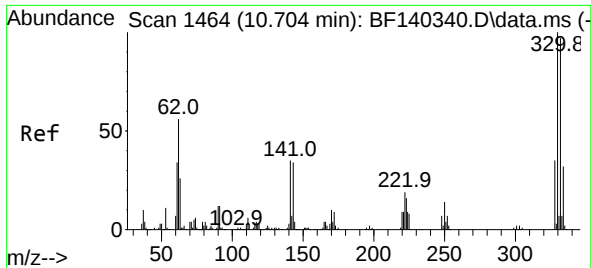
Tgt Ion: 82 Resp: 1012557
Ion Ratio Lower Upper
82 100
128 41.7 33.3 49.9
54 49.1 39.8 59.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140418.D
Acq: 16 Nov 2024 10:02

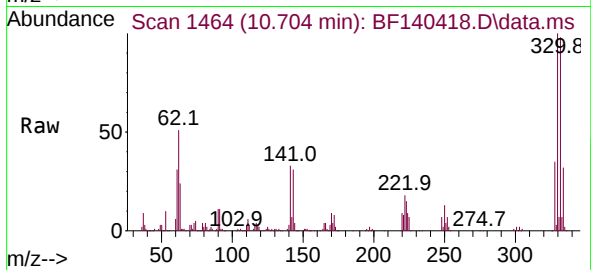
Tgt Ion:164 Resp: 365710
Ion Ratio Lower Upper
164 100
162 100.0 79.8 119.8
160 44.6 35.4 53.0



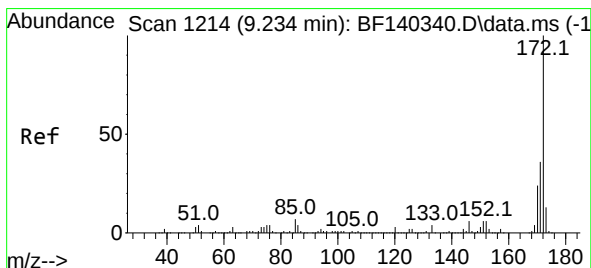
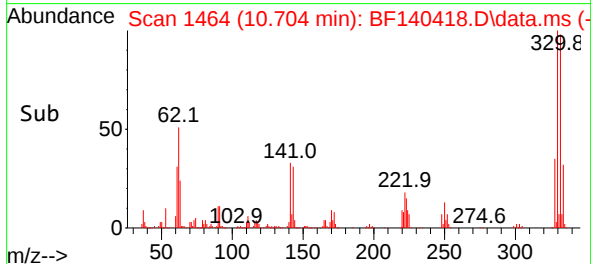
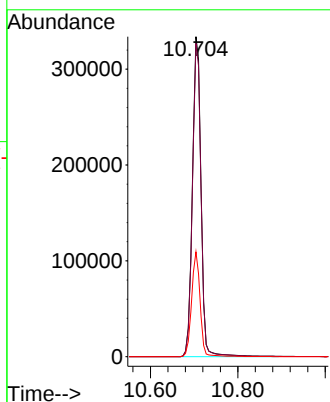


#42
2,4,6-Tribromophenol
Concen: 126.194 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140418.D
Acq: 16 Nov 2024 10:02

Instrument :
BNA_F
ClientSampleId :
PB164993BL

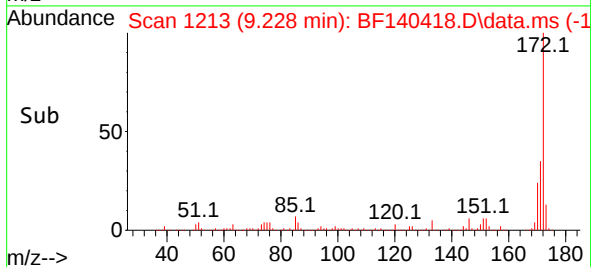
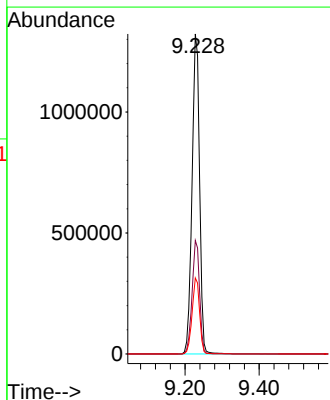
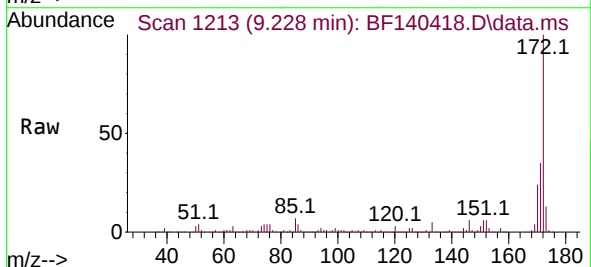


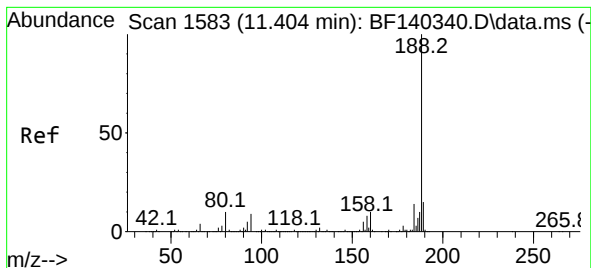
Tgt Ion:330 Resp: 458929
Ion Ratio Lower Upper
330 100
332 97.3 75.9 113.9
141 32.3 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 82.065 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140418.D
Acq: 16 Nov 2024 10:02

Tgt Ion:172 Resp: 1866939
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.8 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140418.D

Acq: 16 Nov 2024 10:02

Instrument :

BNA_F

ClientSampleId :

PB164993BL

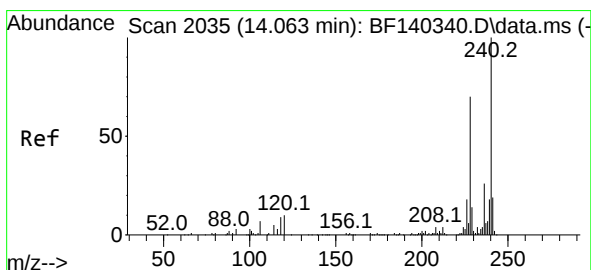
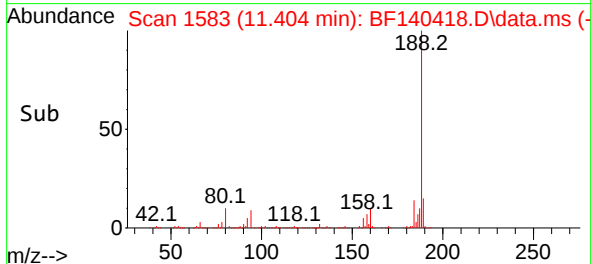
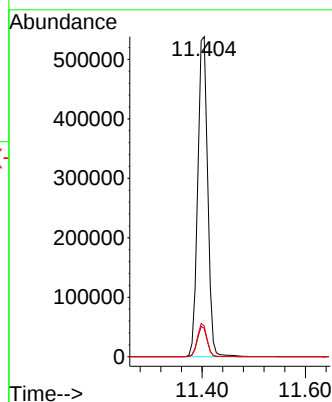
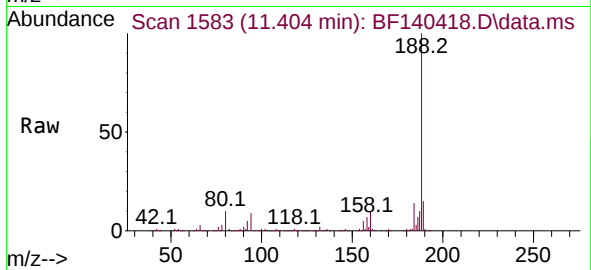
Tgt Ion:188 Resp: 717042

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

80 9.6 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140418.D

Acq: 16 Nov 2024 10:02

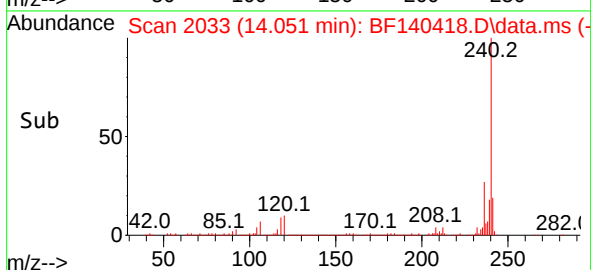
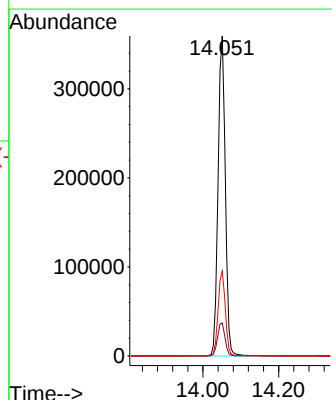
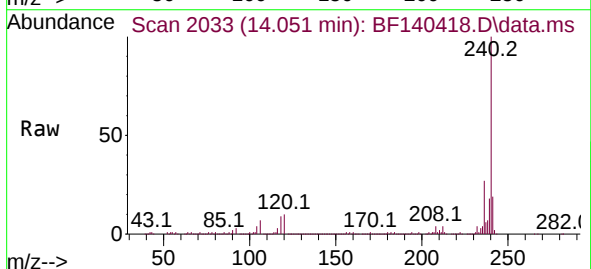
Tgt Ion:240 Resp: 477442

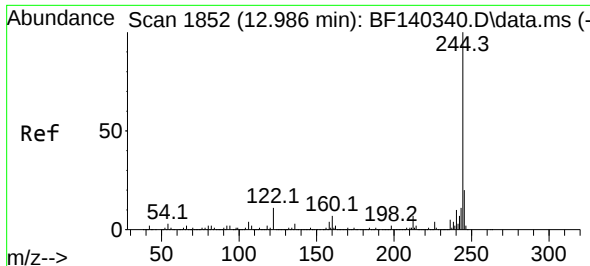
Ion Ratio Lower Upper

240 100

120 10.3 8.8 13.2

236 26.6 20.9 31.3

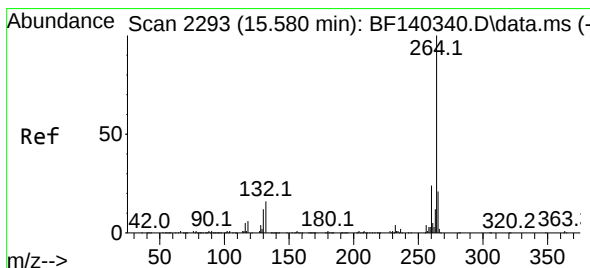
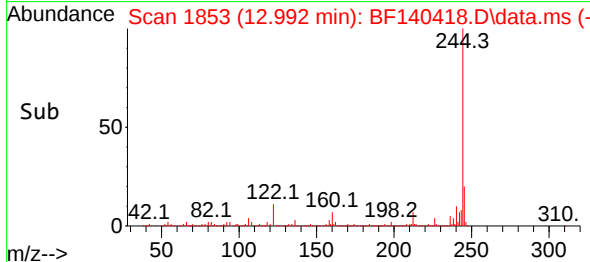
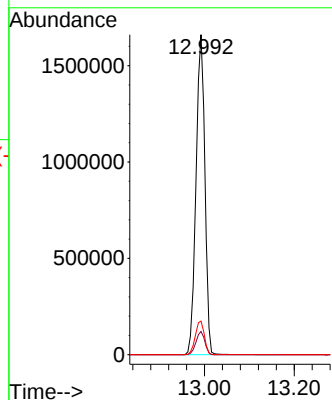
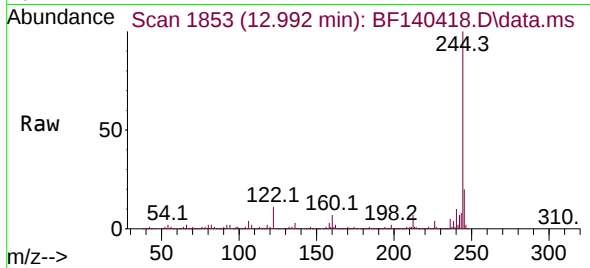




#79
 Terphenyl-d14
 Concen: 82.760 ng
 RT: 12.992 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140418.D
 Acq: 16 Nov 2024 10:02

Instrument :
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Tgt Ion:244 Resp: 2276360
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF140418.D
 Acq: 16 Nov 2024 10:02

Tgt Ion:264 Resp: 394046
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.6 17.1 25.7

