

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140403.D
 Acq On : 15 Nov 2024 15:02
 Operator : RC/JU
 Sample : P4807-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BF-F14

Quant Time: Nov 15 15:45:46 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	125900	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	470836	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	258852	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	480380	20.000	ng	0.00
76) Chrysene-d12	14.063	240	259670	20.000	ng	0.01
86) Perylene-d12	15.586	264	259498	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	953260	129.276	ng	0.03
7) Phenol-d6	6.516	99	1215201	121.637	ng	0.01
23) Nitrobenzene-d5	7.434	82	821814	90.942	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	351564	136.578	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1434627	89.095	ng	0.00
79) Terphenyl-d14	12.986	244	1524054	101.877	ng	0.00

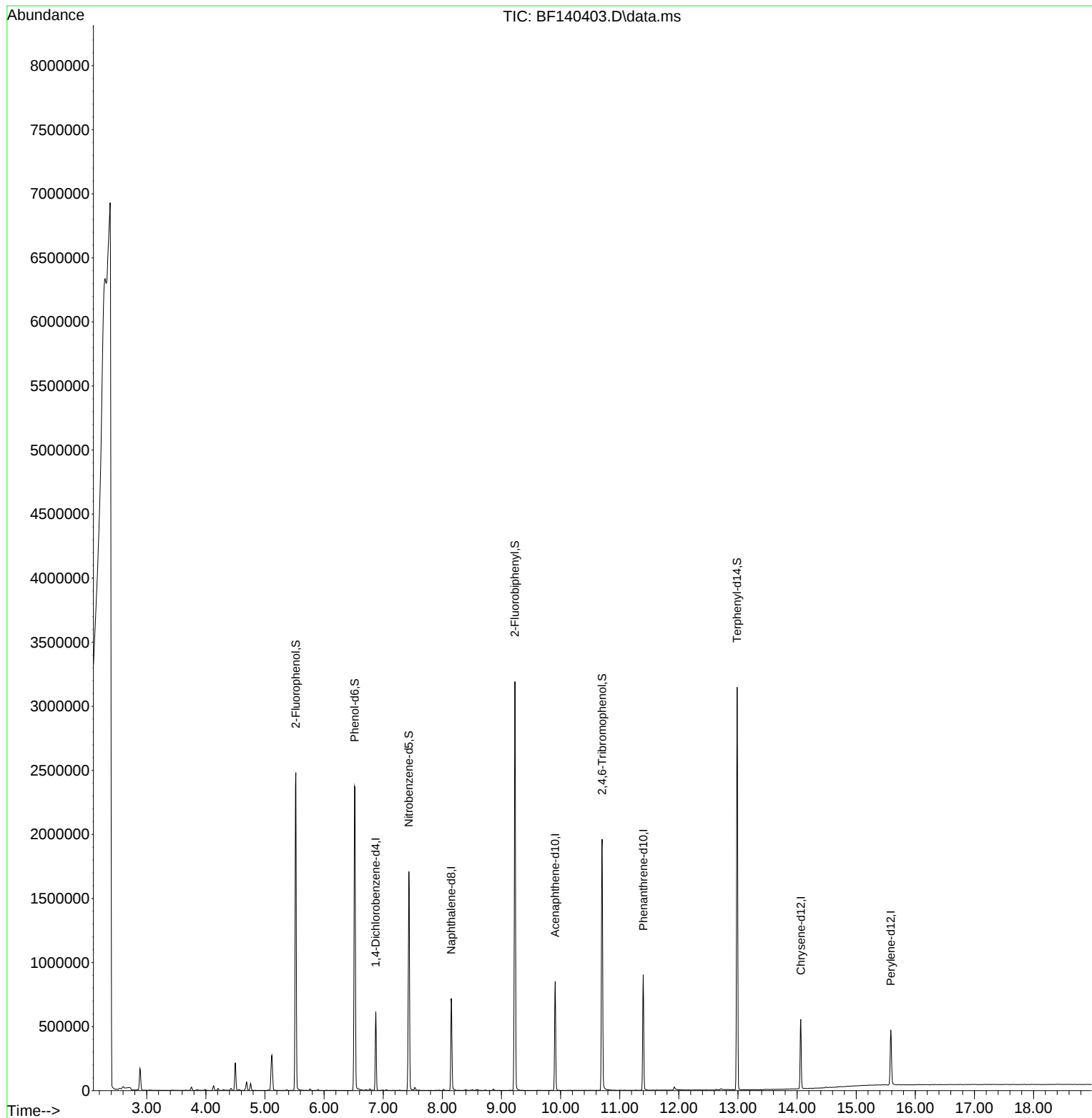
Target Compounds	Qvalue

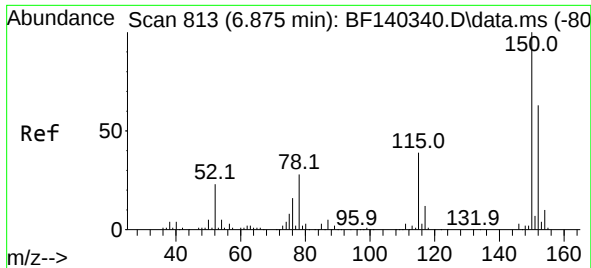
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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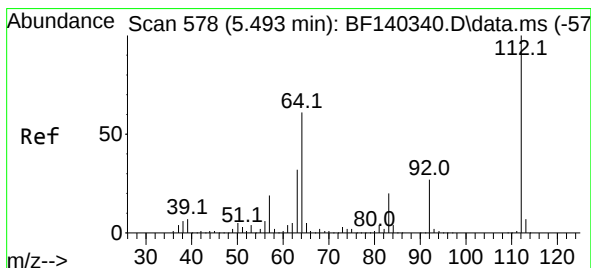
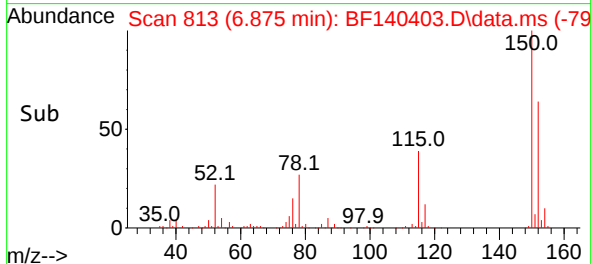
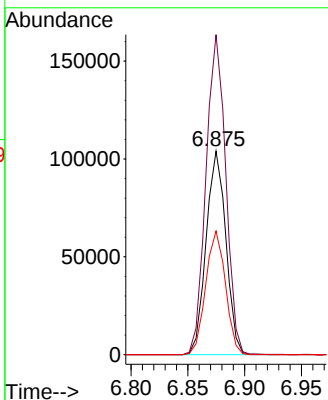
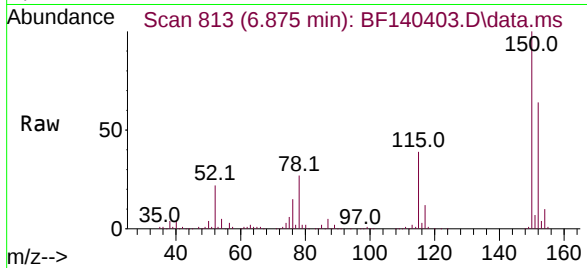




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140403.D
Acq: 15 Nov 2024 15:02

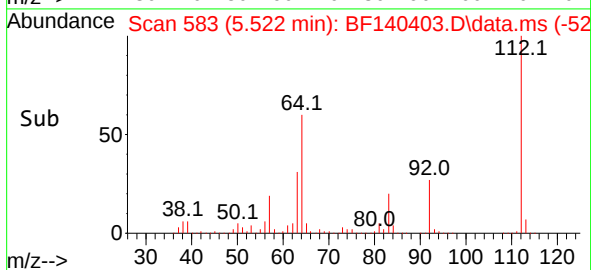
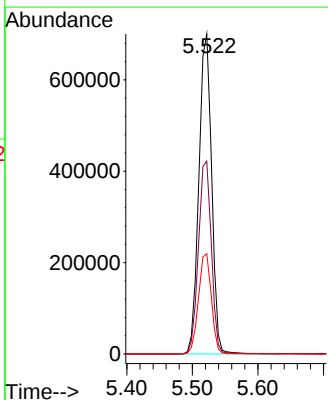
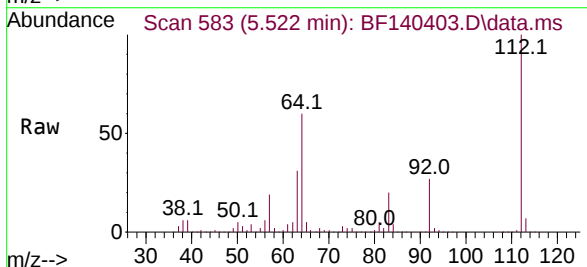
Instrument :
BNA_F
ClientSampleId :
BF-F14

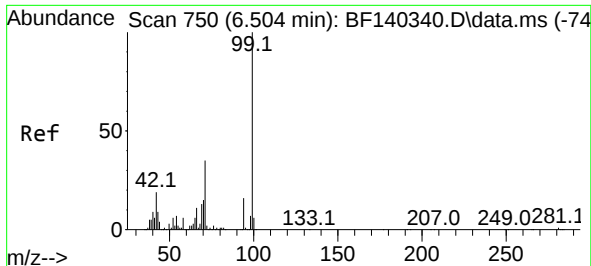
Tgt Ion:152 Resp: 125900
Ion Ratio Lower Upper
152 100
150 157.2 127.4 191.0
115 60.8 47.4 71.2



#5
2-Fluorophenol
Concen: 129.276 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.029 min
Lab File: BF140403.D
Acq: 15 Nov 2024 15:02

Tgt Ion:112 Resp: 953260
Ion Ratio Lower Upper
112 100
64 60.2 49.2 73.8
63 31.3 25.6 38.4





#7

Phenol-d6

Concen: 121.637 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF140403.D

Acq: 15 Nov 2024 15:02

Instrument :

BNA_F

ClientSampleId :

BF-F14

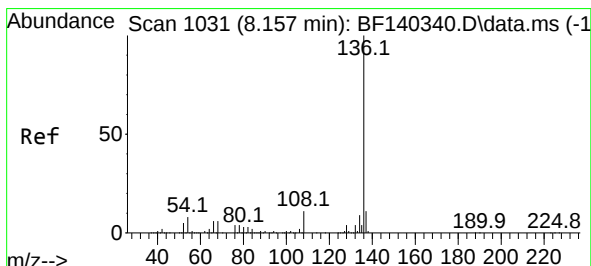
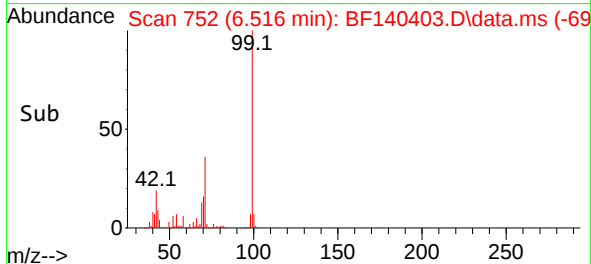
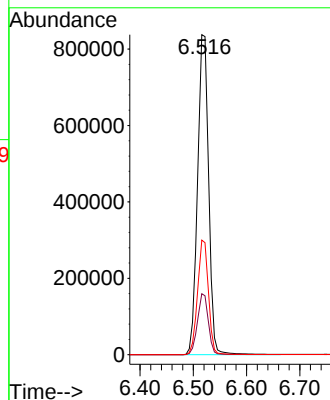
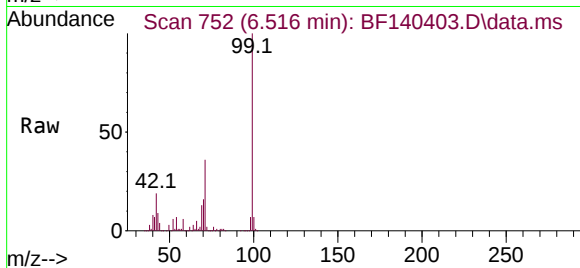
Tgt Ion: 99 Resp: 1215201

Ion Ratio Lower Upper

99 100

42 19.0 15.1 22.7

71 35.8 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: BF140403.D

Acq: 15 Nov 2024 15:02

Tgt Ion: 136 Resp: 470836

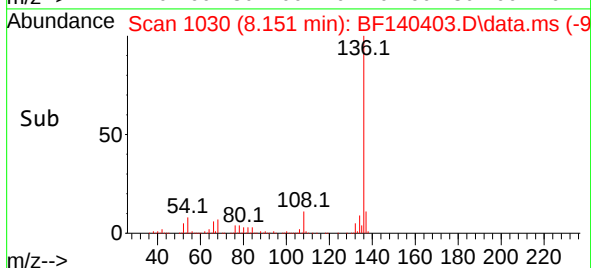
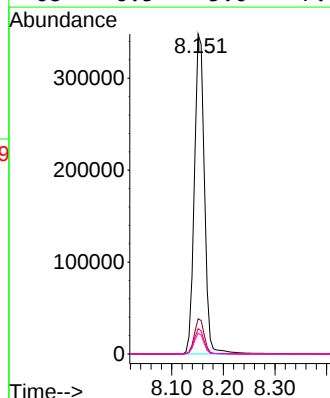
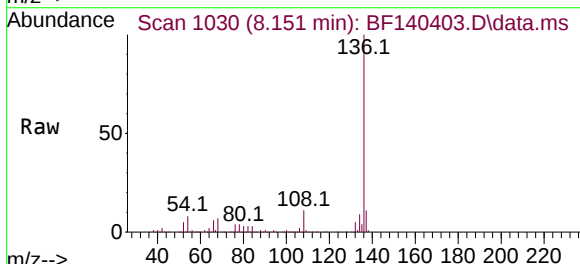
Ion Ratio Lower Upper

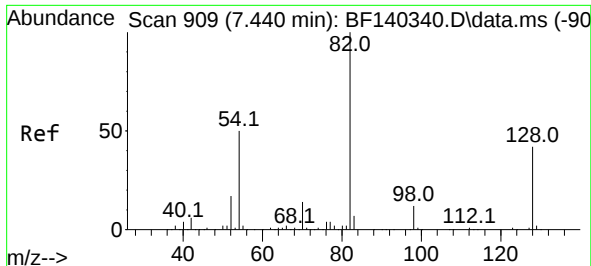
136 100

137 11.0 8.7 13.1

54 7.9 6.5 9.7

68 6.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 90.942 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF140403.D

Acq: 15 Nov 2024 15:02

Instrument :

BNA_F

ClientSampleId :

BF-F14

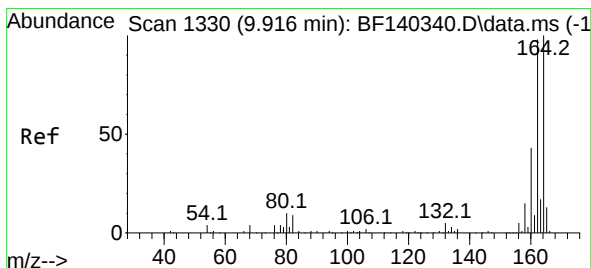
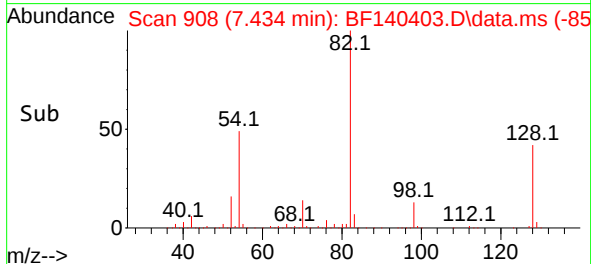
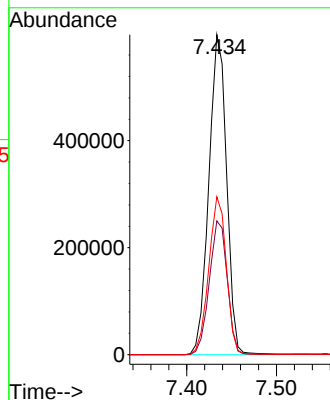
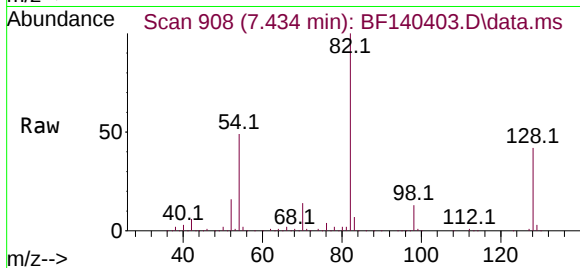
Tgt Ion: 82 Resp: 821814

Ion Ratio Lower Upper

82 100

128 41.8 33.3 49.9

54 49.4 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: BF140403.D

Acq: 15 Nov 2024 15:02

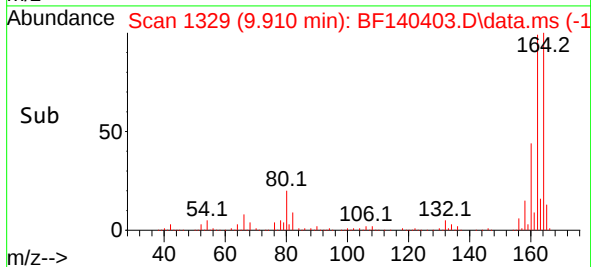
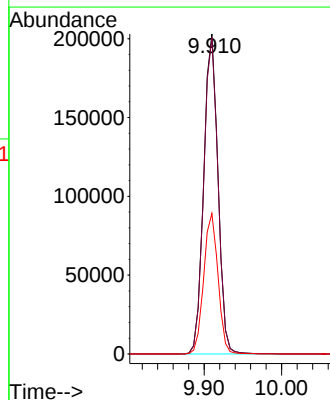
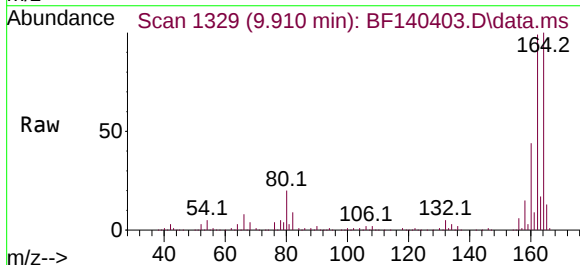
Tgt Ion:164 Resp: 258852

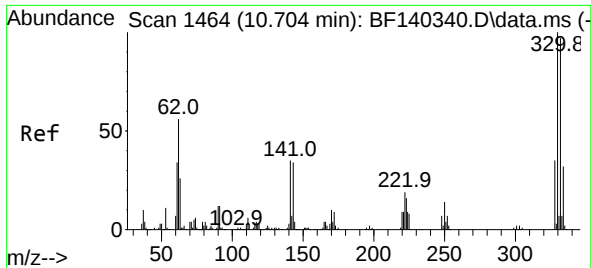
Ion Ratio Lower Upper

164 100

162 98.9 79.8 119.8

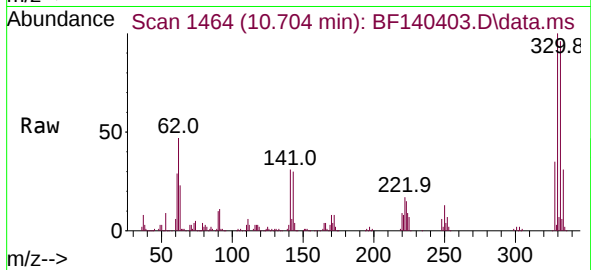
160 43.9 35.4 53.0



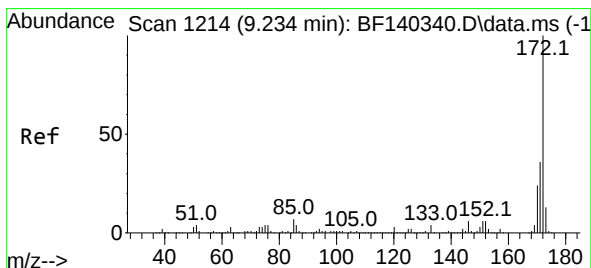
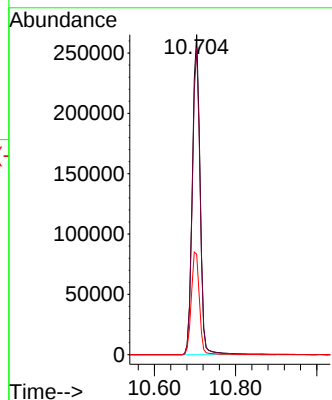
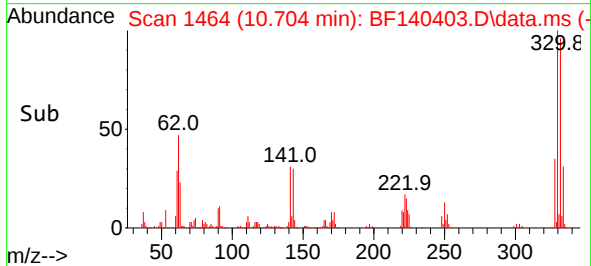


#42
2,4,6-Tribromophenol
Concen: 136.578 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140403.D
Acq: 15 Nov 2024 15:02

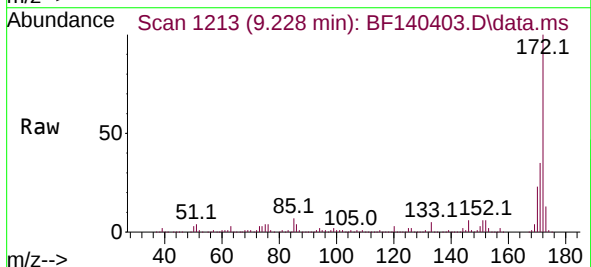
Instrument :
BNA_F
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BF-F14



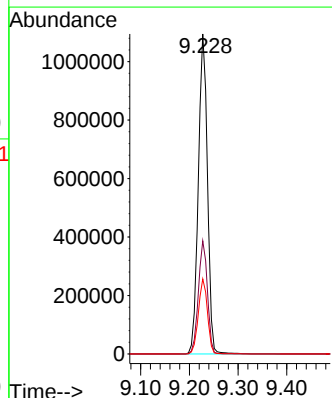
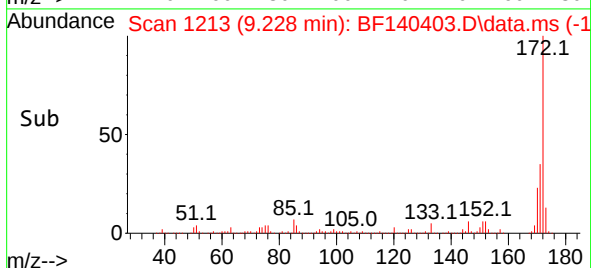
Tgt Ion:330 Resp: 351564
Ion Ratio Lower Upper
330 100
332 95.8 75.9 113.9
141 33.4 26.9 40.3

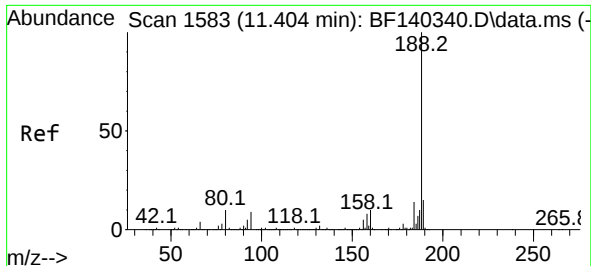


#45
2-Fluorobiphenyl
Concen: 89.095 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140403.D
Acq: 15 Nov 2024 15:02



Tgt Ion:172 Resp: 1434627
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.4 19.1 28.7

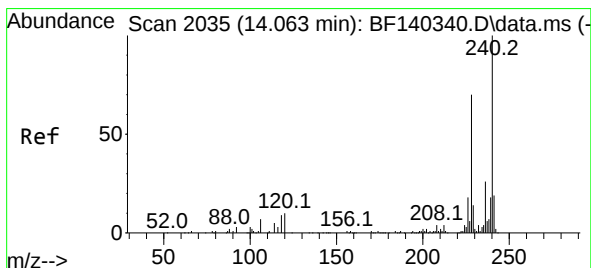
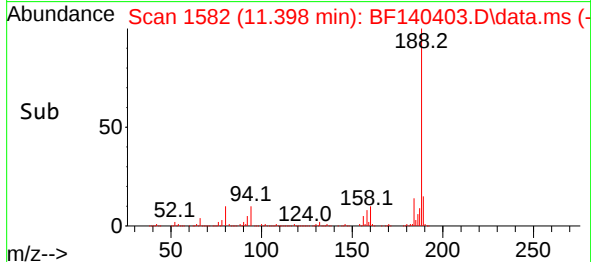
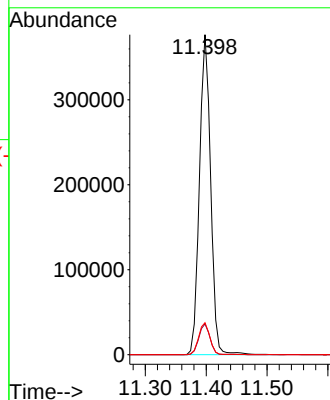
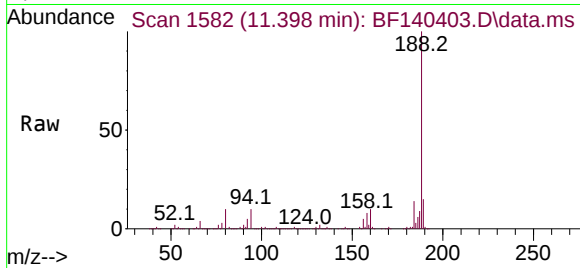




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140403.D
Acq: 15 Nov 2024 15:02

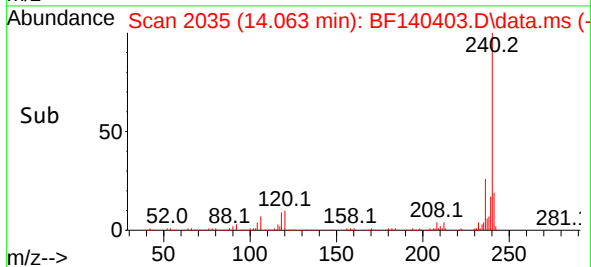
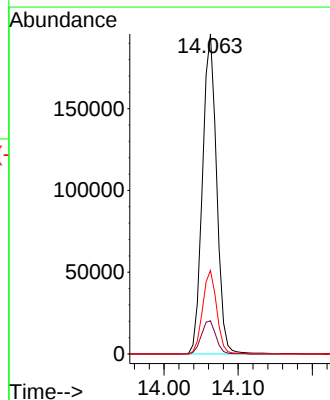
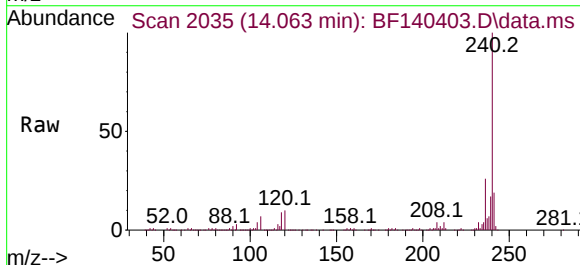
Instrument :
BNA_F
ClientSampleId :
BF-F14

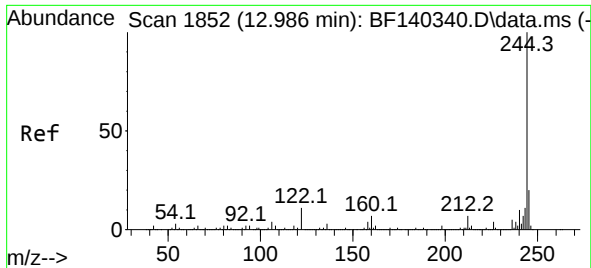
Tgt Ion:188 Resp: 480380
Ion Ratio Lower Upper
188 100
94 9.6 7.6 11.4
80 10.0 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BF140403.D
Acq: 15 Nov 2024 15:02

Tgt Ion:240 Resp: 259670
Ion Ratio Lower Upper
240 100
120 10.3 8.8 13.2
236 26.1 20.9 31.3

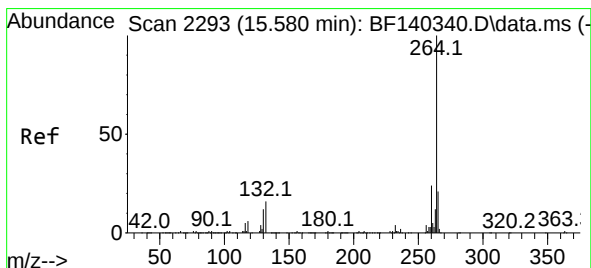
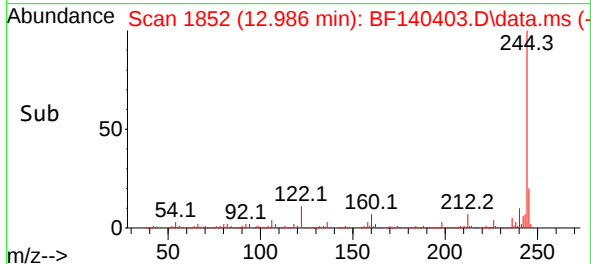
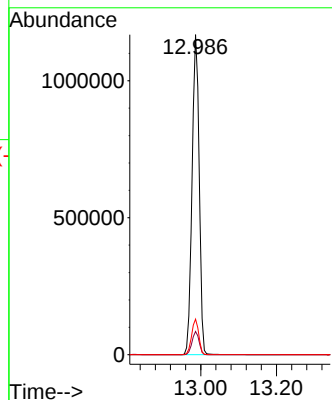
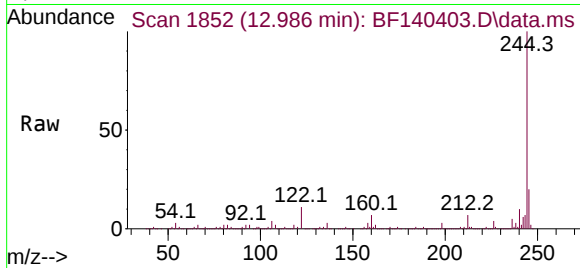




#79
 Terphenyl-d14
 Concen: 101.877 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: BF140403.D
 Acq: 15 Nov 2024 15:02

Instrument :
 BNA_F
 ClientSampleId :
 BF-F14

Tgt Ion:244 Resp: 1524054
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2294
 Delta R.T. 0.029 min
 Lab File: BF140403.D
 Acq: 15 Nov 2024 15:02

Tgt Ion:264 Resp: 259498
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.1 17.1 25.7

