

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
 Data File : BF140250.D
 Acq On : 05 Nov 2024 21:00
 Operator : RC/JU
 Sample : PB164369BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164369BL

Quant Time: Nov 05 23:57:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	191380	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	727540	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	436260	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	818424	20.000	ng	0.00
76) Chrysene-d12	14.051	240	498576	20.000	ng	-0.01
86) Perylene-d12	15.545	264	408334	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1449163	125.487	ng	0.02
7) Phenol-d6	6.498	99	1799277	121.131	ng	0.00
23) Nitrobenzene-d5	7.434	82	1259249	86.054	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	564313	130.864	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2296817	84.068	ng	0.00
79) Terphenyl-d14	12.998	244	2836466	93.195	ng	0.00

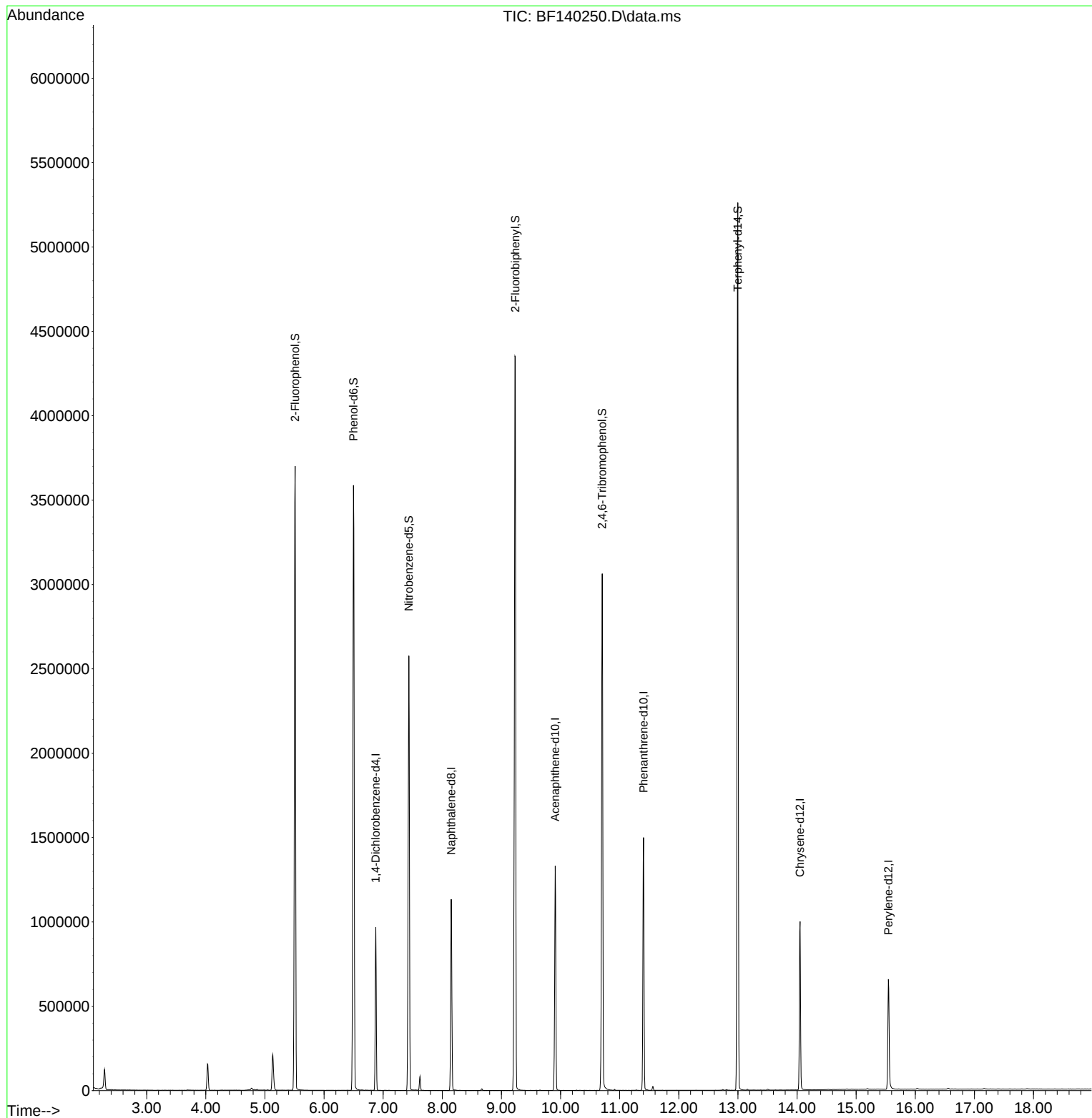
Target Compounds	Qvalue

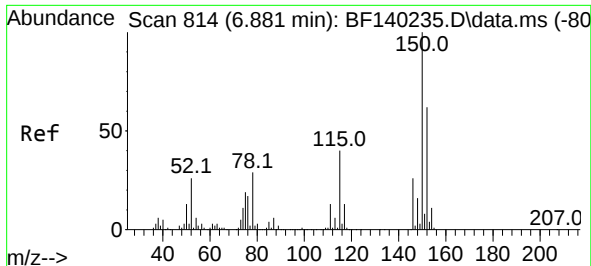
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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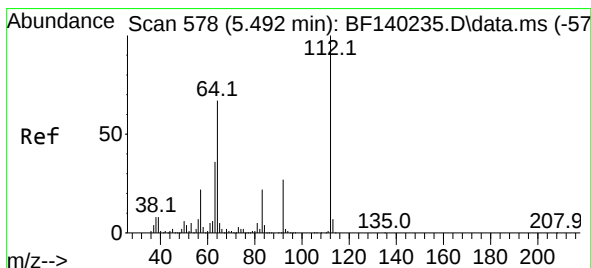
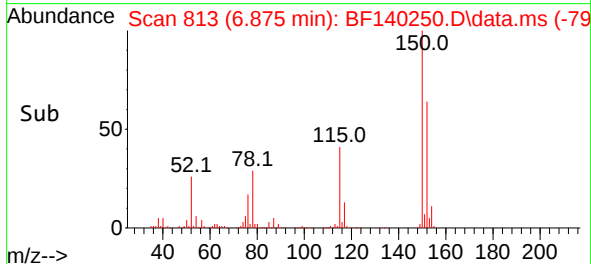
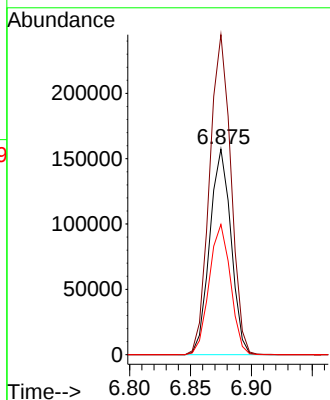
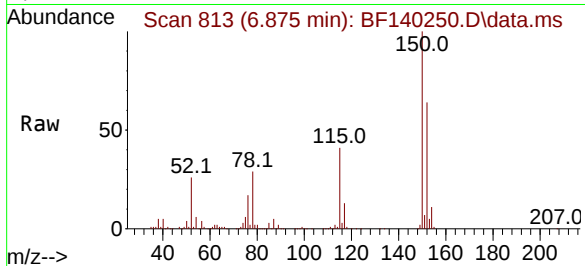




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140250.D
Acq: 05 Nov 2024 21:00

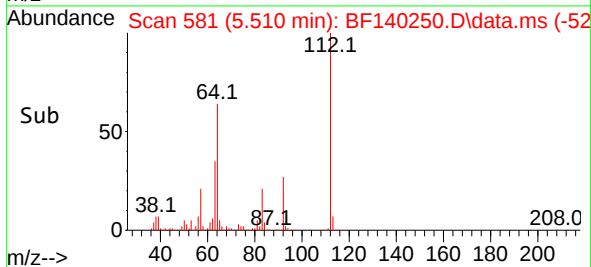
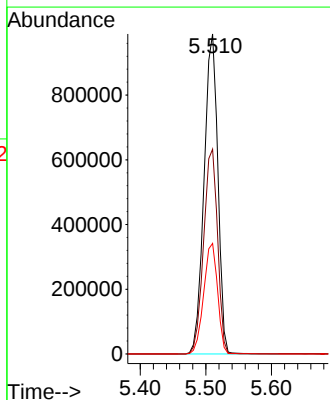
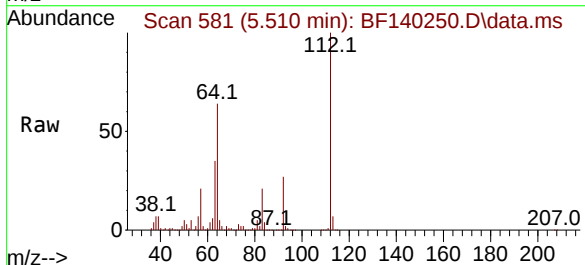
Instrument :
BNA_F
ClientSampleId :
PB164369BL

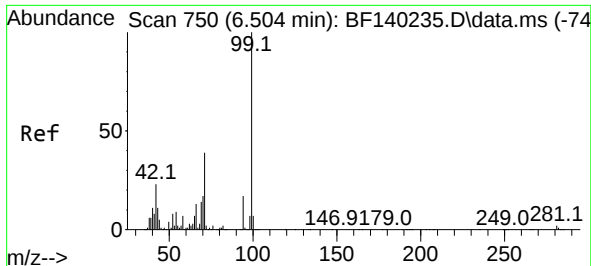
Tgt Ion:152 Resp: 191380
Ion Ratio Lower Upper
152 100
150 155.6 129.4 194.2
115 63.4 51.5 77.3



#5
2-Fluorophenol
Concen: 125.487 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140250.D
Acq: 05 Nov 2024 21:00

Tgt Ion:112 Resp: 1449163
Ion Ratio Lower Upper
112 100
64 64.0 53.4 80.2
63 34.5 28.9 43.3

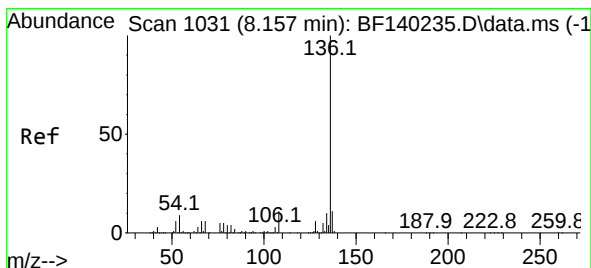
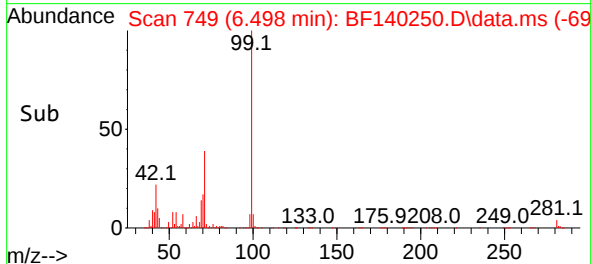
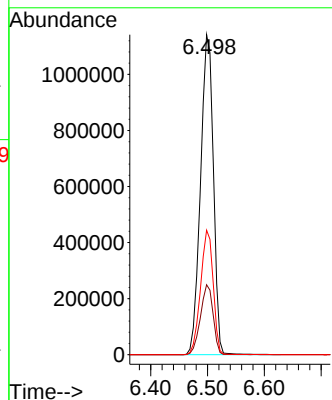
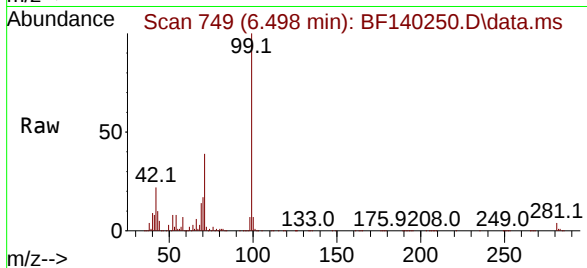




#7
Phenol-d6
Concen: 121.131 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF140250.D
Acq: 05 Nov 2024 21:00

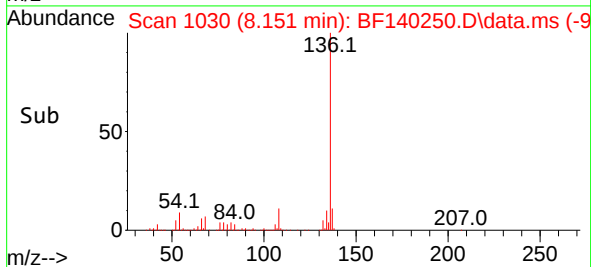
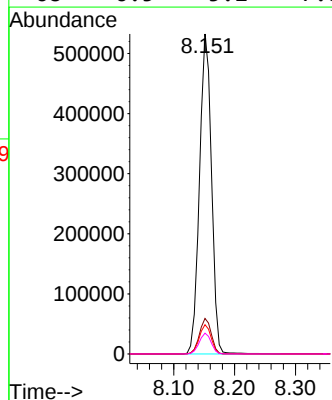
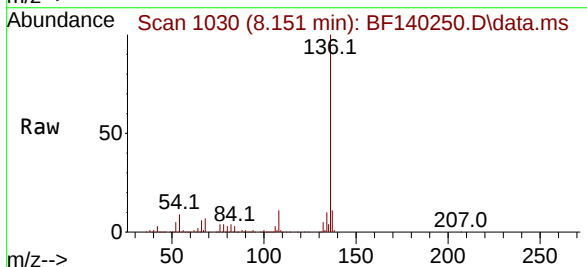
Instrument :
BNA_F
ClientSampleId :
PB164369BL

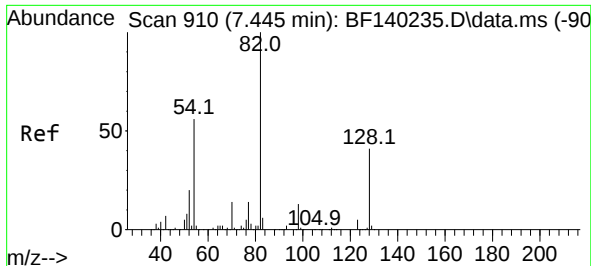
Tgt Ion: 99 Resp: 1799277
Ion Ratio Lower Upper
99 100
42 21.9 18.2 27.2
71 38.9 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140250.D
Acq: 05 Nov 2024 21:00

Tgt Ion: 136 Resp: 727540
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 9.2 7.7 11.5
68 6.5 5.2 7.8





#23

Nitrobenzene-d5

Concen: 86.054 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF140250.D

Acq: 05 Nov 2024 21:00

Instrument :

BNA_F

ClientSampleId :

PB164369BL

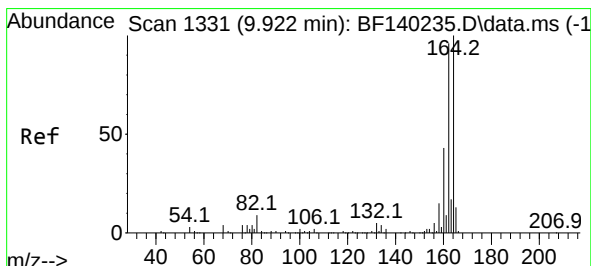
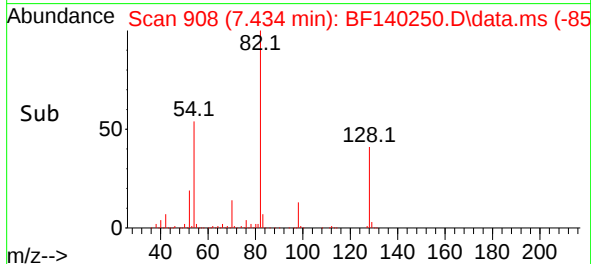
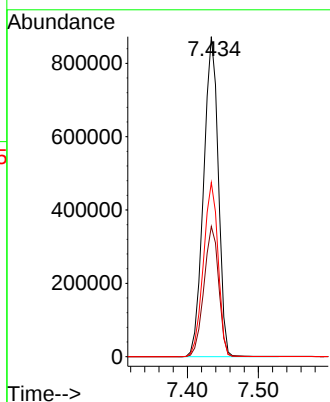
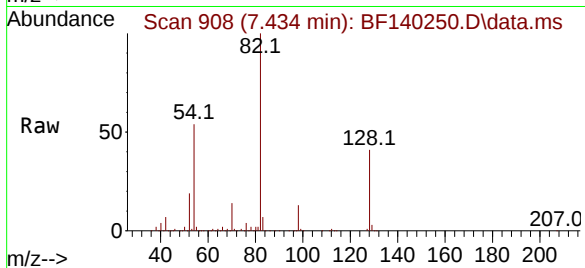
Tgt Ion: 82 Resp: 1259249

Ion Ratio Lower Upper

82 100

128 40.7 32.8 49.2

54 54.4 44.3 66.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.012 min

Lab File: BF140250.D

Acq: 05 Nov 2024 21:00

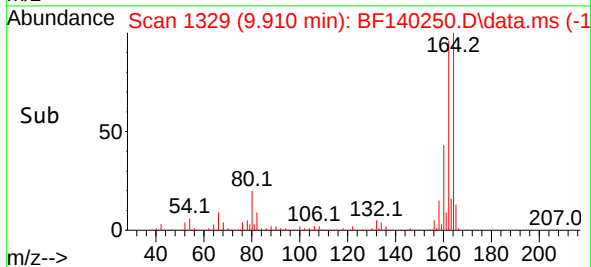
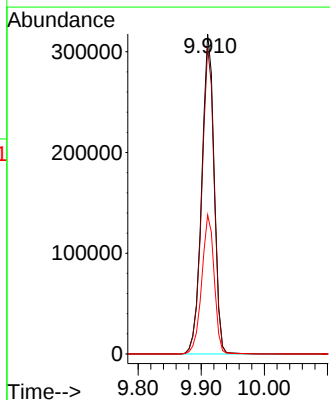
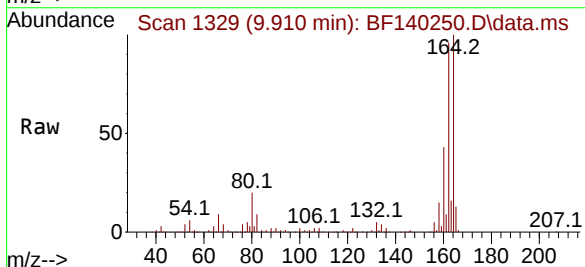
Tgt Ion: 164 Resp: 436260

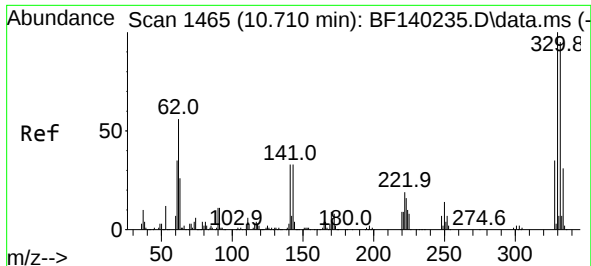
Ion Ratio Lower Upper

164 100

162 95.9 77.0 115.4

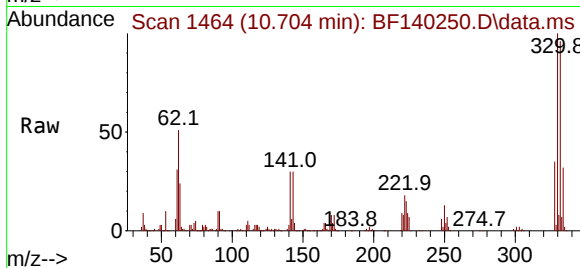
160 43.5 34.1 51.1



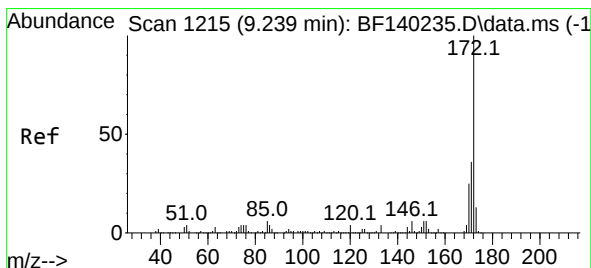
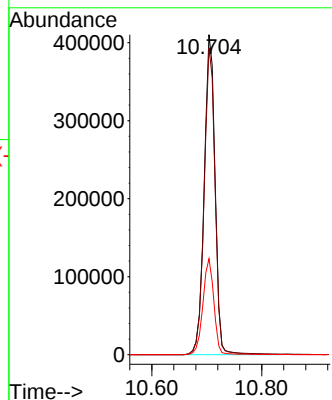
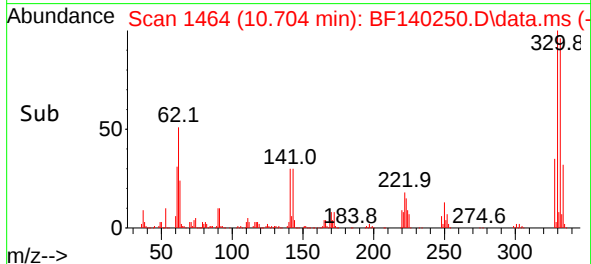


#42
2,4,6-Tribromophenol
Concen: 130.864 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF140250.D
Acq: 05 Nov 2024 21:00

Instrument :
BNA_F
ClientSampleId :
PB164369BL

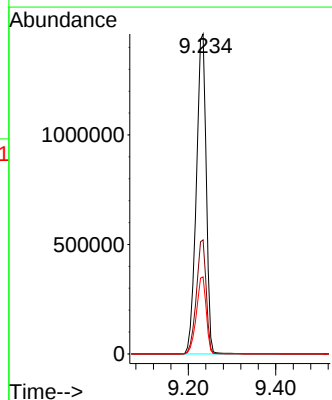
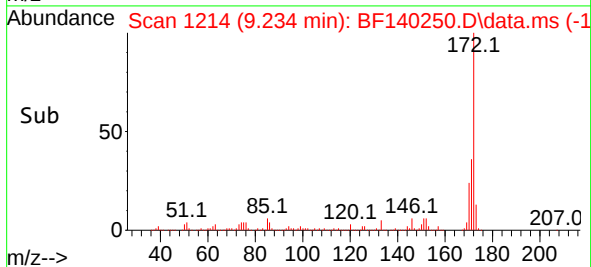
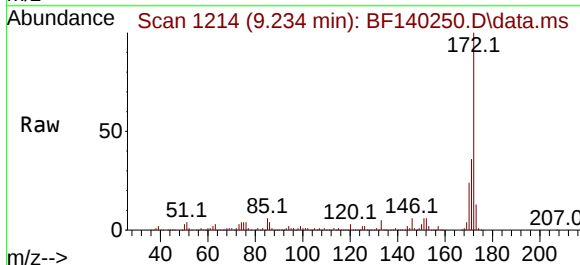


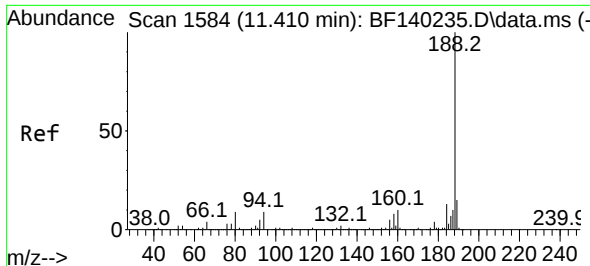
Tgt Ion:330 Resp: 564313
Ion Ratio Lower Upper
330 100
332 96.2 76.4 114.6
141 30.5 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 84.068 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF140250.D
Acq: 05 Nov 2024 21:00

Tgt Ion:172 Resp: 2296817
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.1 19.6 29.4

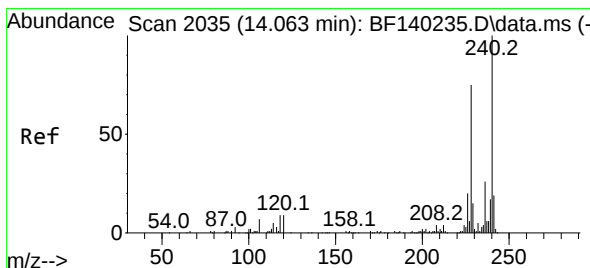
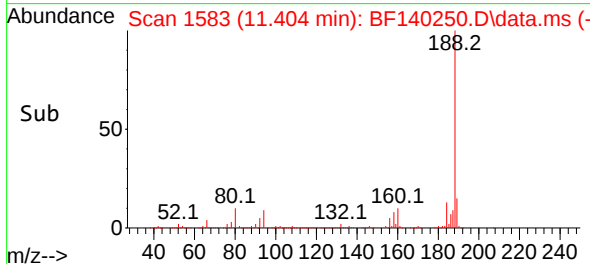
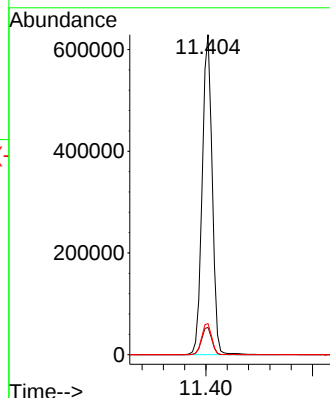
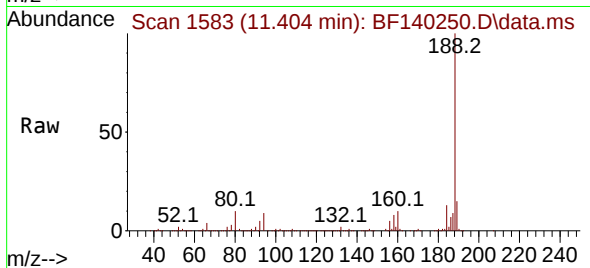




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140250.D
Acq: 05 Nov 2024 21:00

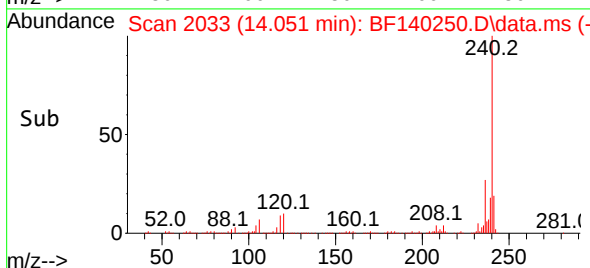
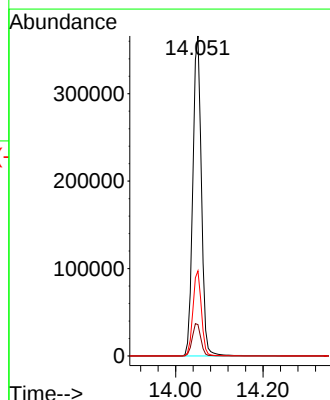
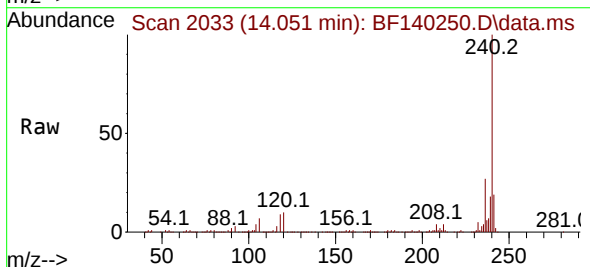
Instrument :
BNA_F
ClientSampleId :
PB164369BL

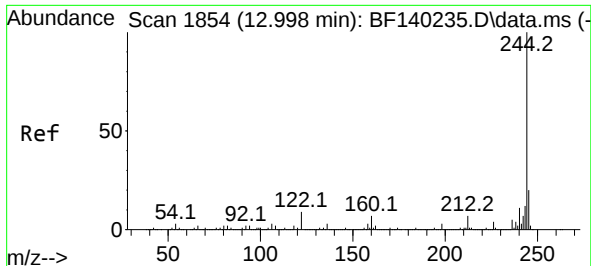
Tgt Ion:188 Resp: 818424
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.7 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF140250.D
Acq: 05 Nov 2024 21:00

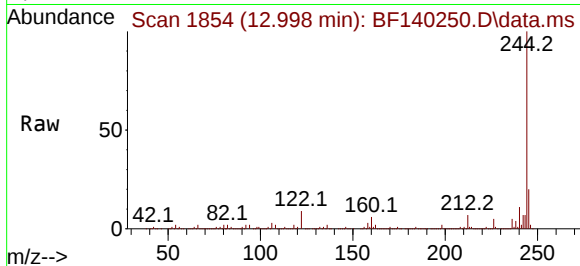
Tgt Ion:240 Resp: 498576
Ion Ratio Lower Upper
240 100
120 9.8 7.5 11.3
236 26.6 20.9 31.3



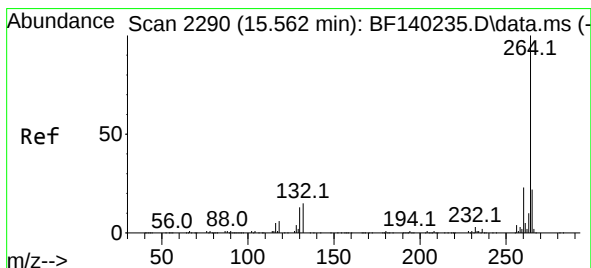
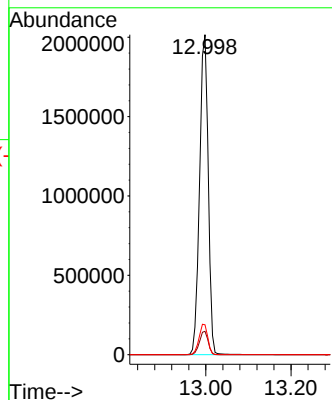
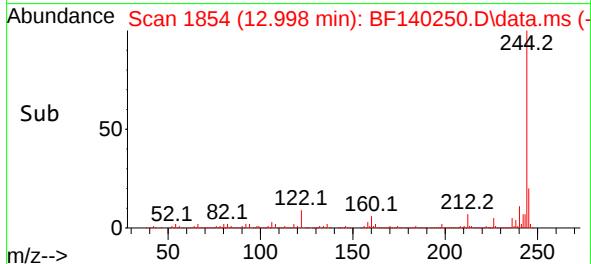


#79
 Terphenyl-d14
 Concen: 93.195 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140250.D
 Acq: 05 Nov 2024 21:00

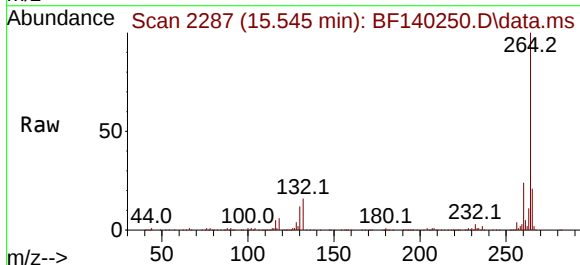
Instrument :
 BNA_F
 ClientSampleId :
 PB164369BL



Tgt Ion:244 Resp: 2836466
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.3 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2287
 Delta R.T. -0.018 min
 Lab File: BF140250.D
 Acq: 05 Nov 2024 21:00



Tgt Ion:264 Resp: 408334
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.1 17.3 25.9

