

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140444.D
 Acq On : 18 Nov 2024 10:39
 Operator : RC/JU
 Sample : PB165029BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165029BL

Quant Time: Nov 18 11:37:15 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	142751	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	545917	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	305122	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	581224	20.000	ng	0.00
76) Chrysene-d12	14.045	240	355427	20.000	ng	0.00
86) Perylene-d12	15.545	264	295657	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1035618	123.866	ng	0.02
7) Phenol-d6	6.516	99	1358724	119.949	ng	0.01
23) Nitrobenzene-d5	7.434	82	893759	85.301	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	382445	126.045	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1679654	88.493	ng	0.00
79) Terphenyl-d14	12.986	244	1809956	88.392	ng	0.00

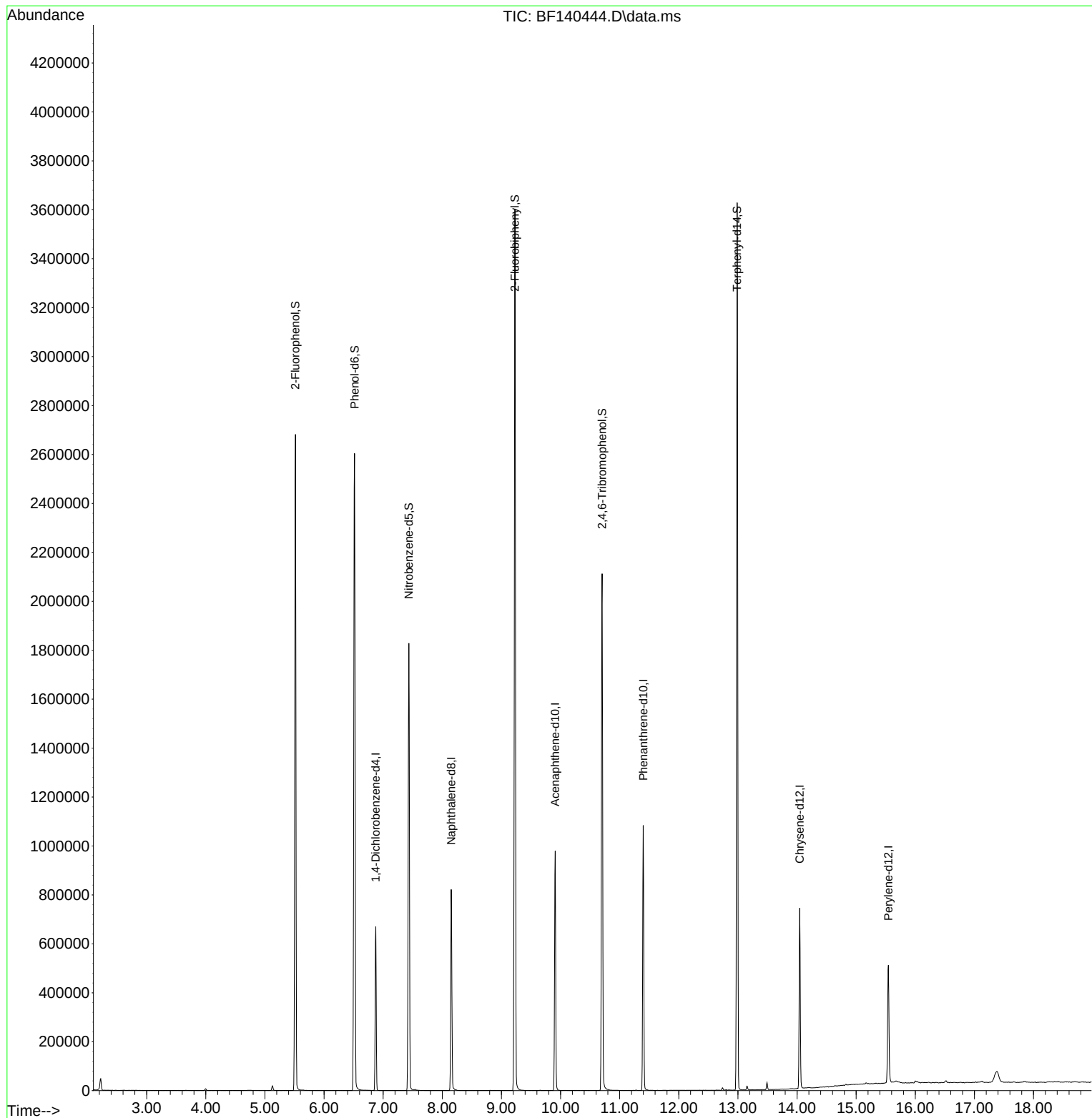
Target Compounds	Qvalue

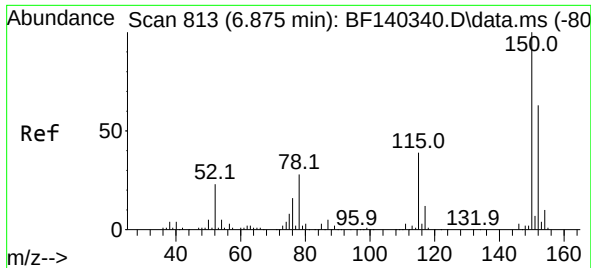
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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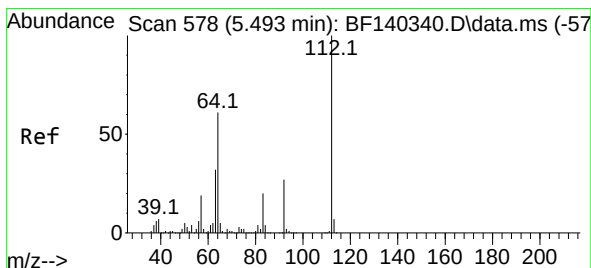
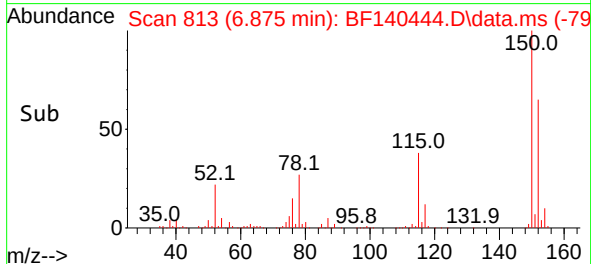
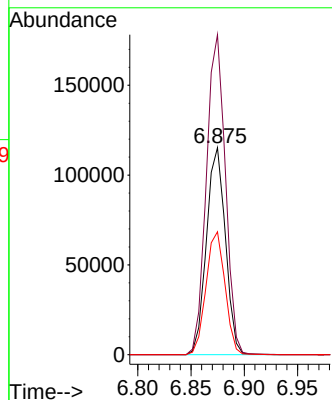
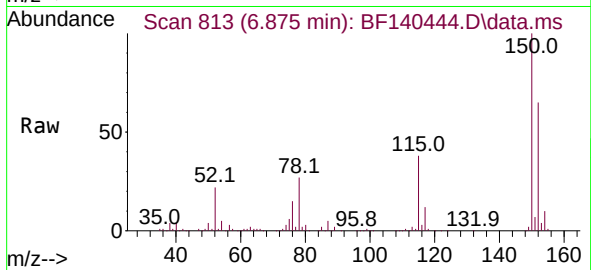




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140444.D
Acq: 18 Nov 2024 10:39

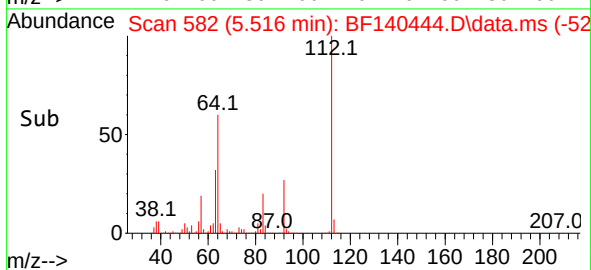
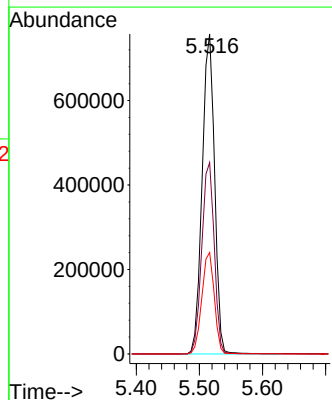
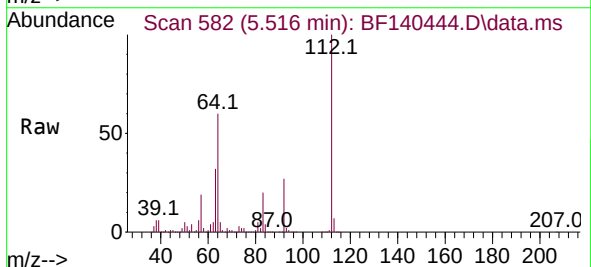
Instrument :
BNA_F
ClientSampleId :
PB165029BL

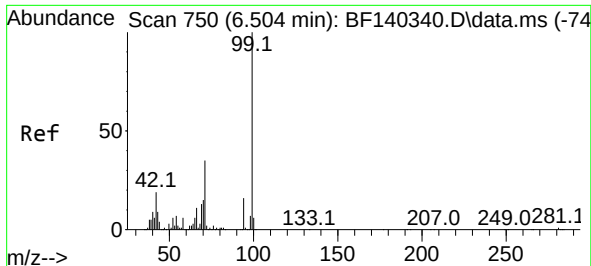
Tgt Ion:152 Resp: 142751
Ion Ratio Lower Upper
152 100
150 154.5 127.4 191.0
115 59.3 47.4 71.2



#5
2-Fluorophenol
Concen: 123.866 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF140444.D
Acq: 18 Nov 2024 10:39

Tgt Ion:112 Resp: 1035618
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 31.7 25.6 38.4

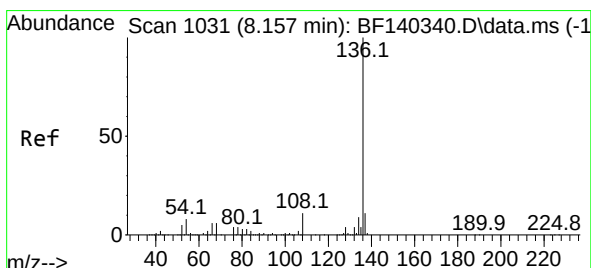
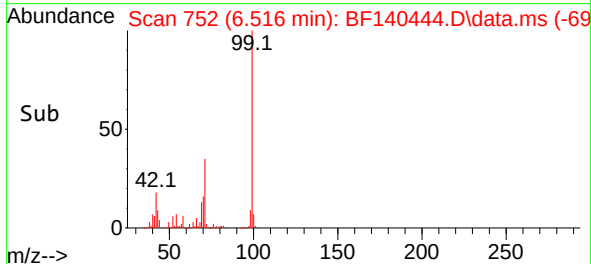
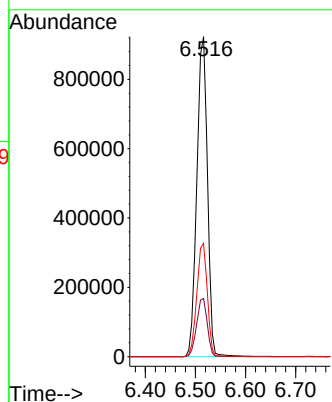
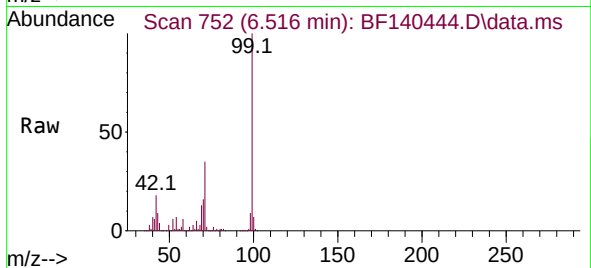




#7
Phenol-d6
Concen: 119.949 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140444.D
Acq: 18 Nov 2024 10:39

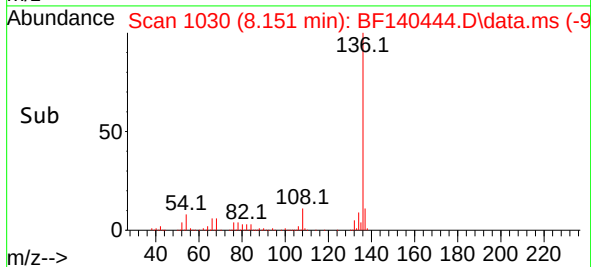
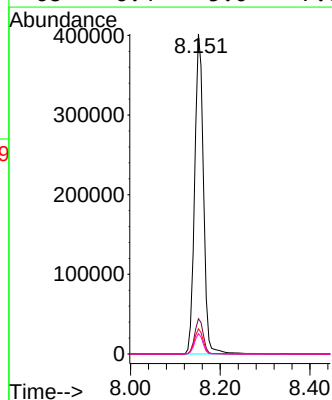
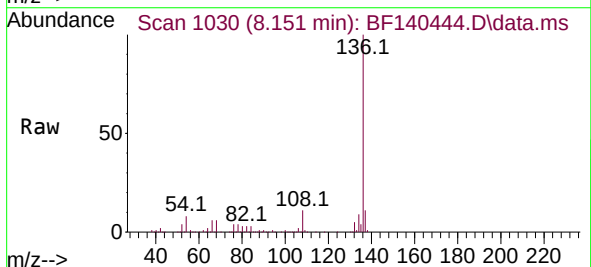
Instrument :
BNA_F
ClientSampleId :
PB165029BL

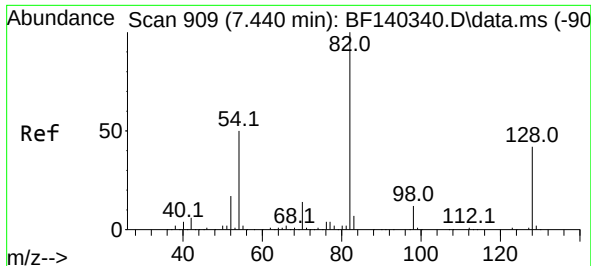
Tgt Ion: 99 Resp: 1358724
Ion Ratio Lower Upper
99 100
42 18.2 15.1 22.7
71 35.5 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140444.D
Acq: 18 Nov 2024 10:39

Tgt Ion: 136 Resp: 545917
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.9 6.5 9.7
68 6.4 5.0 7.6

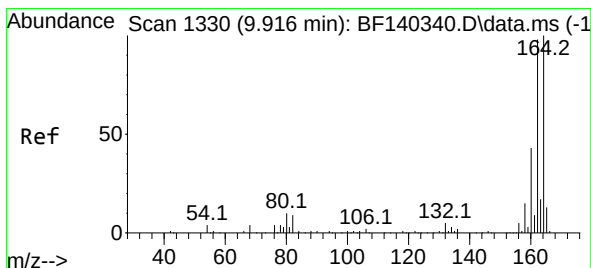
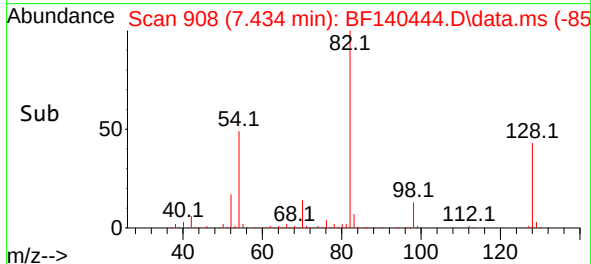
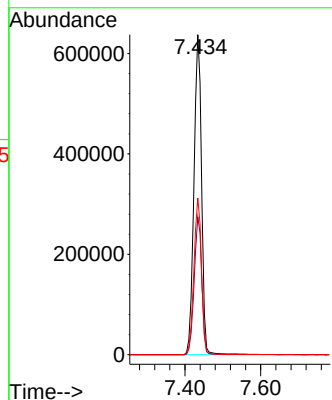
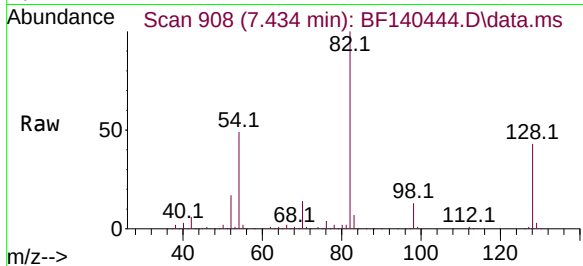




#23
Nitrobenzene-d5
Concen: 85.301 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140444.D
Acq: 18 Nov 2024 10:39

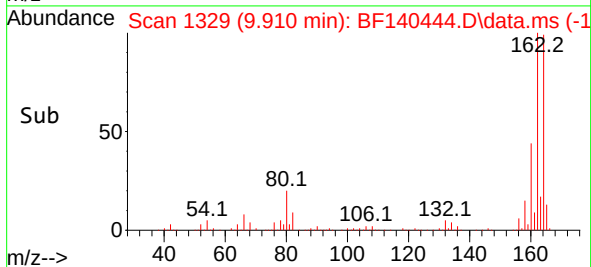
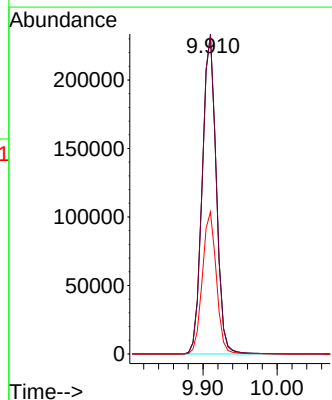
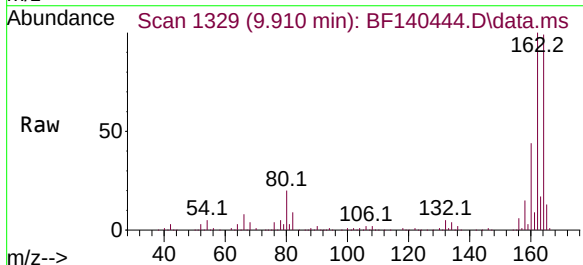
Instrument :
BNA_F
ClientSampleId :
PB165029BL

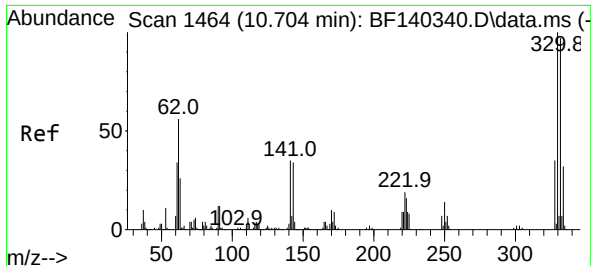
Tgt Ion: 82 Resp: 893759
Ion Ratio Lower Upper
82 100
128 42.9 33.3 49.9
54 48.9 39.8 59.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140444.D
Acq: 18 Nov 2024 10:39

Tgt Ion:164 Resp: 305122
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.8
160 44.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 126.045 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140444.D

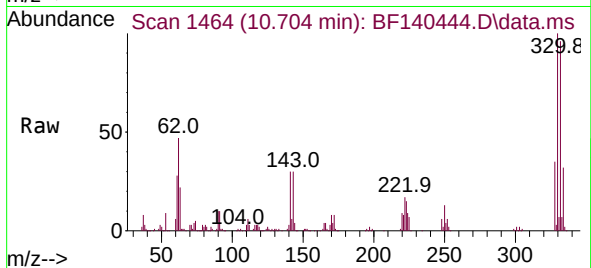
Acq: 18 Nov 2024 10:39

Instrument :

BNA_F

ClientSampleId :

PB165029BL



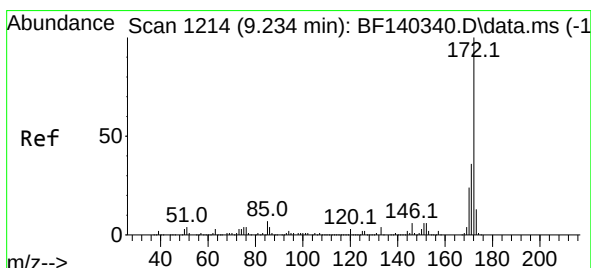
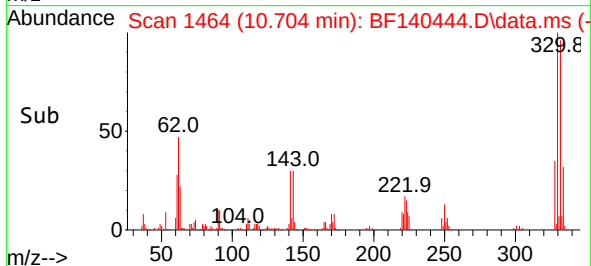
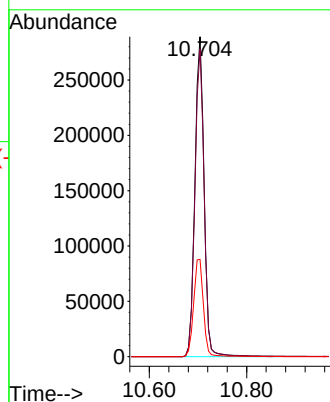
Tgt Ion:330 Resp: 382445

Ion Ratio Lower Upper

330 100

332 96.4 75.9 113.9

141 32.3 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 88.493 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140444.D

Acq: 18 Nov 2024 10:39

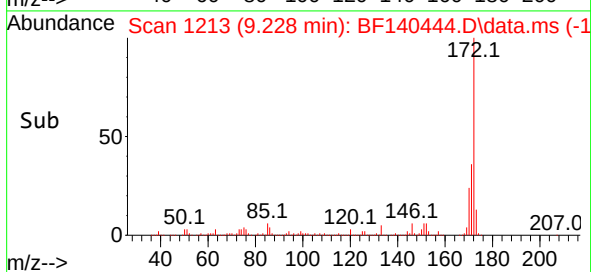
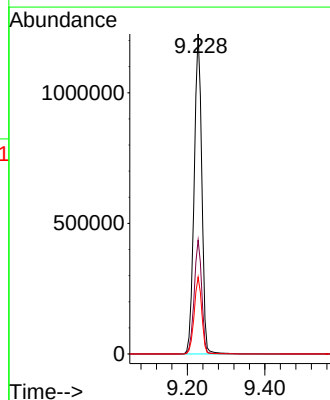
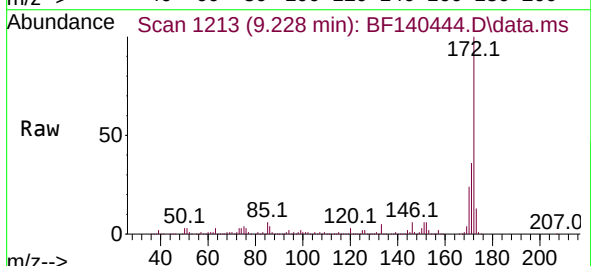
Tgt Ion:172 Resp: 1679654

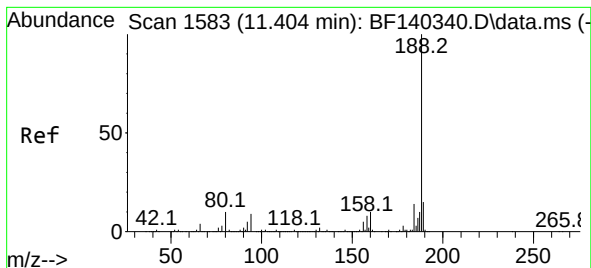
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 24.0 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140444.D

Acq: 18 Nov 2024 10:39

Instrument :

BNA_F

ClientSampleId :

PB165029BL

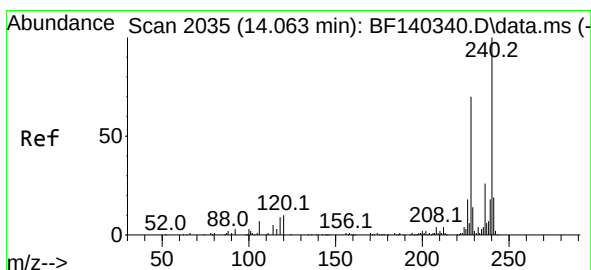
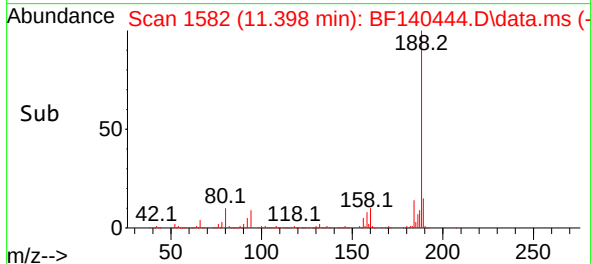
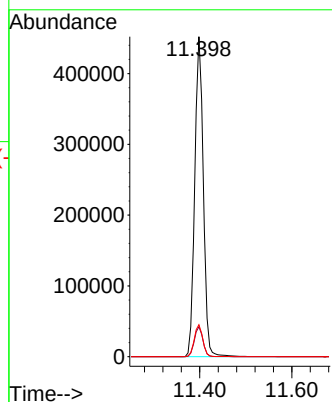
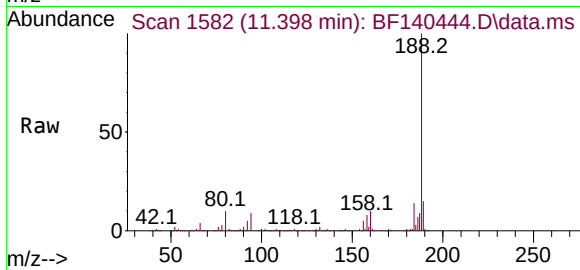
Tgt Ion:188 Resp: 581224

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 10.0 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140444.D

Acq: 18 Nov 2024 10:39

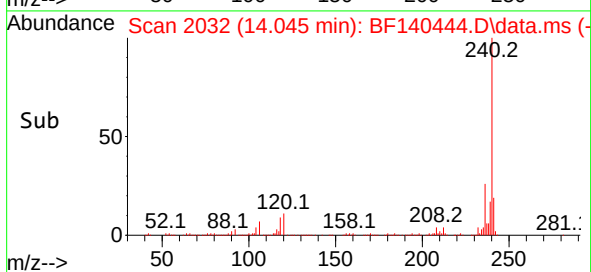
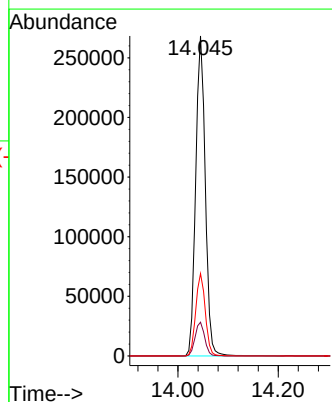
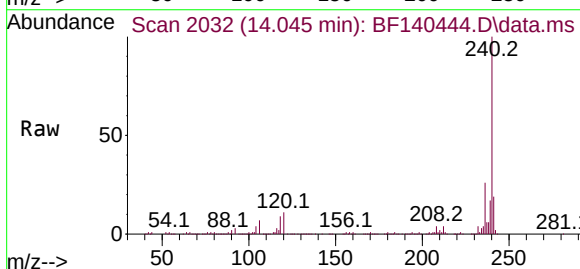
Tgt Ion:240 Resp: 355427

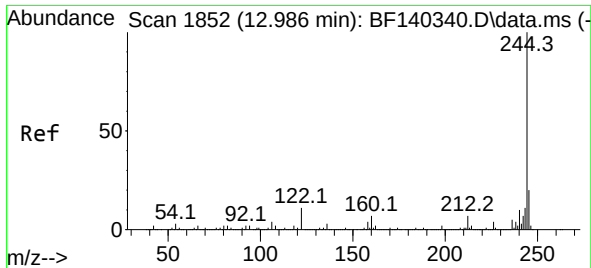
Ion Ratio Lower Upper

240 100

120 10.6 8.8 13.2

236 25.8 20.9 31.3

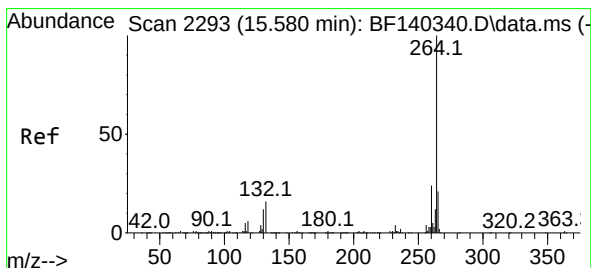
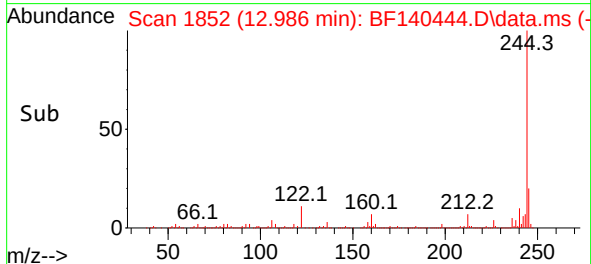
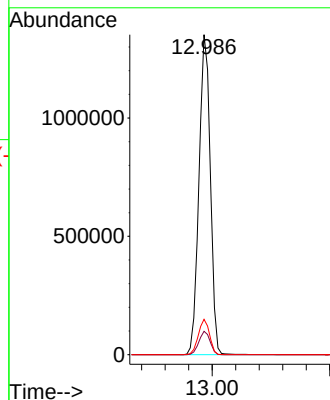
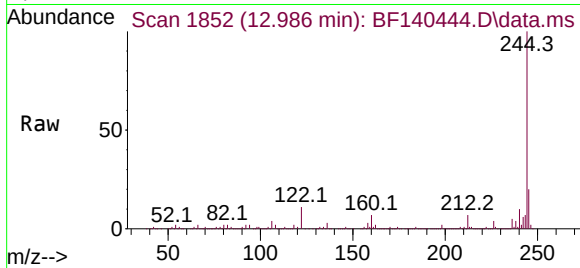




#79
 Terphenyl-d14
 Concen: 88.392 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140444.D
 Acq: 18 Nov 2024 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB165029BL

Tgt Ion:244 Resp: 1809956
 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: 15.545 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF140444.D
 Acq: 18 Nov 2024 10:39

Tgt Ion:264 Resp: 295657
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.2 17.1 25.7

