

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140146.D
 Acq On : 30 Oct 2024 07:16
 Operator : RC/JU
 Sample : P4597-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLUE-2-1

Quant Time: Oct 30 07:43:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	125255	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	494193	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	259403	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	388146	20.000	ng	0.00
76) Chrysene-d12	14.051	240	254130	20.000	ng	0.00
86) Perylene-d12	15.551	264	185387	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	981496	122.671	ng	0.02
7) Phenol-d6	6.516	99	1210196	116.785	ng	0.00
23) Nitrobenzene-d5	7.445	82	854374	95.818	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	275938	113.724	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1513483	96.426	ng	0.00
79) Terphenyl-d14	12.998	244	1323767	84.880	ng	0.00

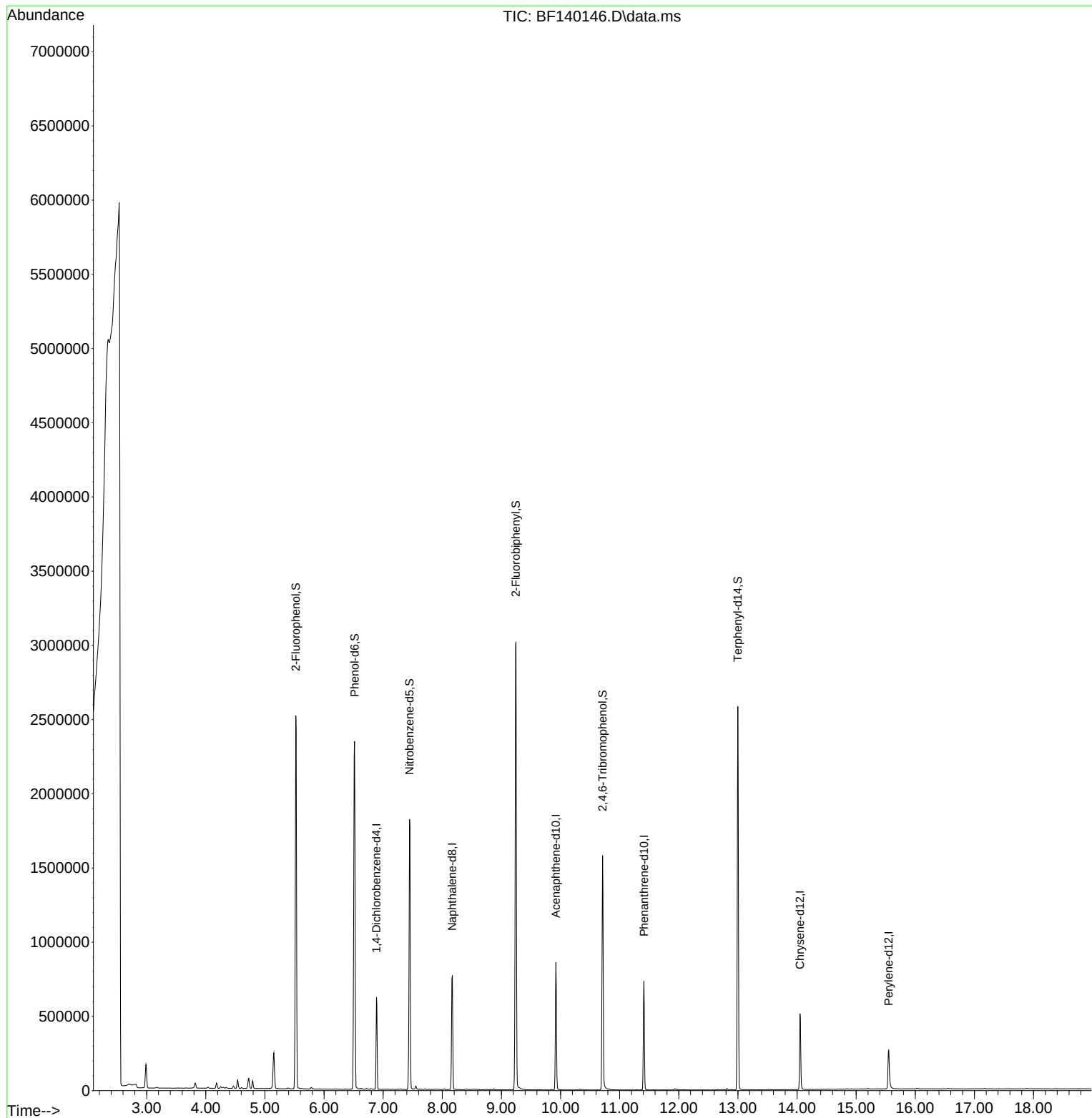
Target Compounds	Qvalue

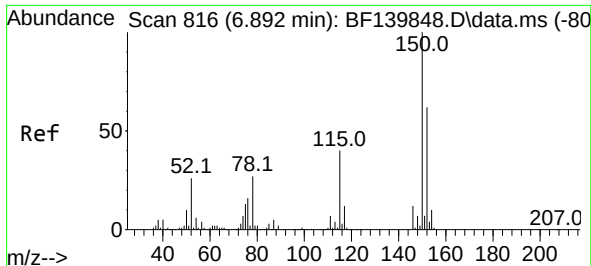
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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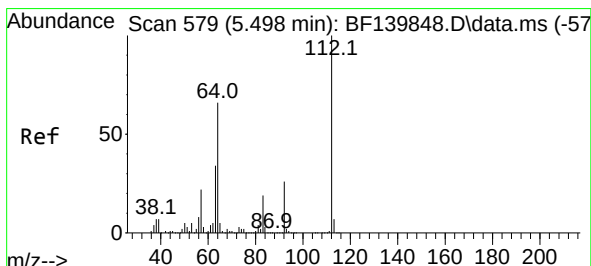
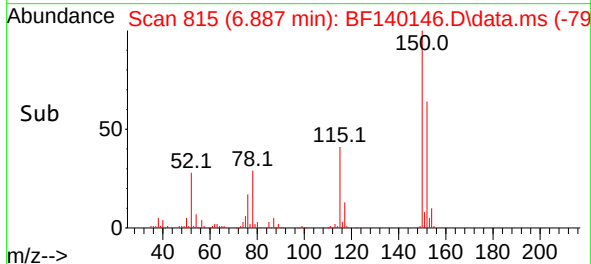
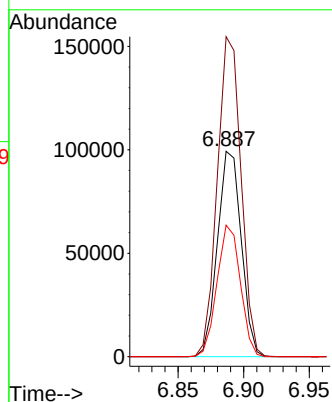
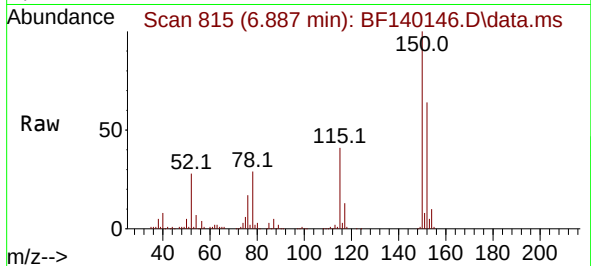




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140146.D
Acq: 30 Oct 2024 07:16

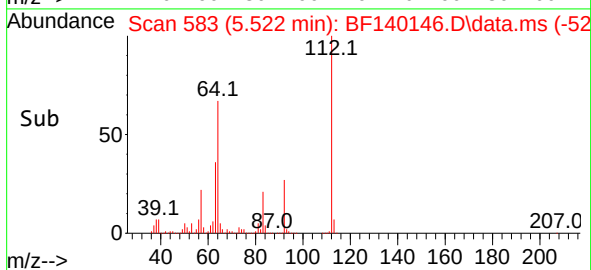
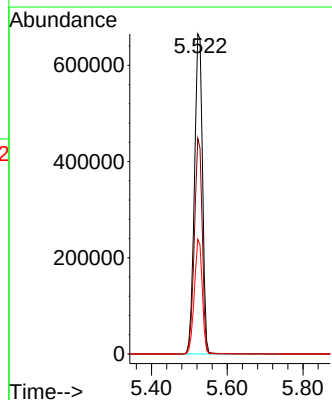
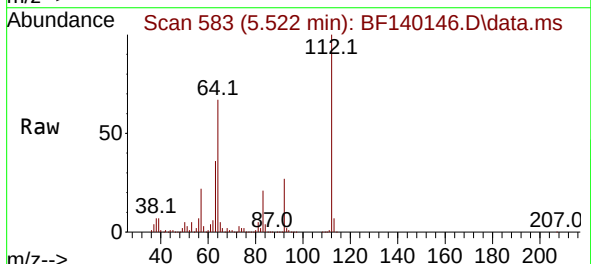
Instrument :
BNA_F
ClientSampleId :
BLUE-2-1

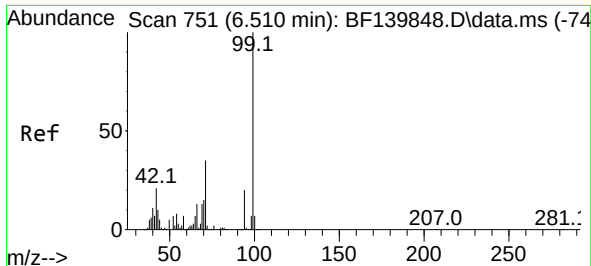
Tgt Ion:152 Resp: 125255
Ion Ratio Lower Upper
152 100
150 155.8 130.2 195.2
115 64.0 51.4 77.2



#5
2-Fluorophenol
Concen: 122.671 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140146.D
Acq: 30 Oct 2024 07:16

Tgt Ion:112 Resp: 981496
Ion Ratio Lower Upper
112 100
64 67.4 53.0 79.6
63 35.8 27.0 40.4

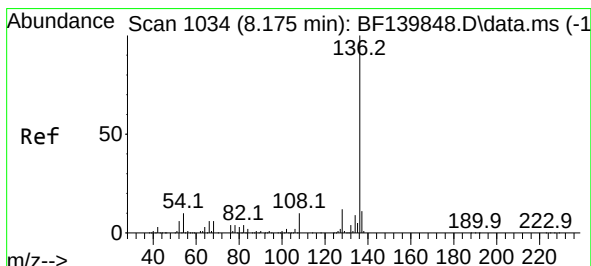
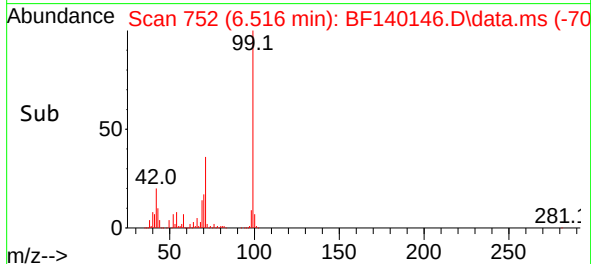
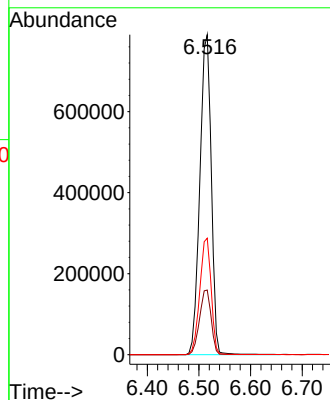
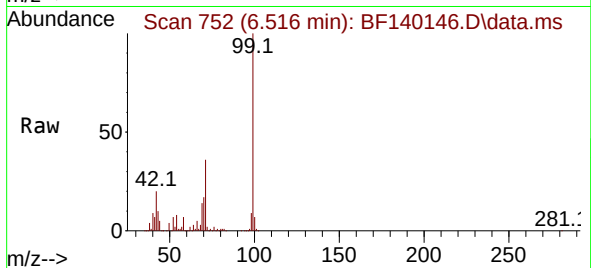




#7
Phenol-d6
Concen: 116.785 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140146.D
Acq: 30 Oct 2024 07:16

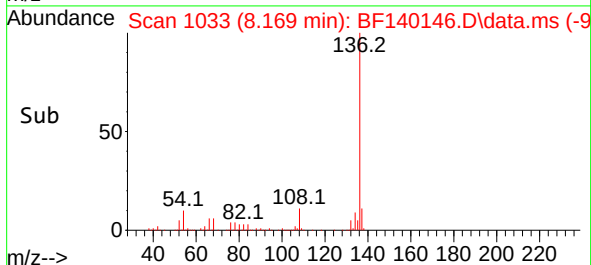
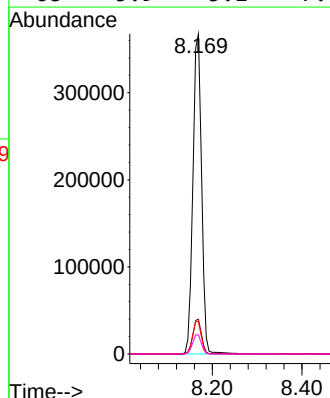
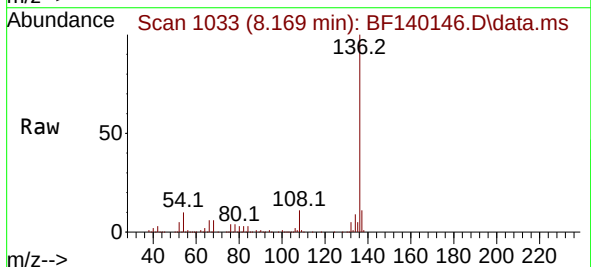
Instrument :
BNA_F
ClientSampleId :
BLUE-2-1

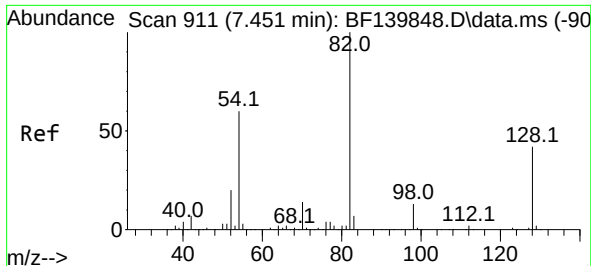
Tgt Ion: 99 Resp: 1210196
Ion Ratio Lower Upper
99 100
42 20.2 16.7 25.1
71 36.4 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140146.D
Acq: 30 Oct 2024 07:16

Tgt Ion:136 Resp: 494193
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.0 8.4 12.6
68 5.9 5.1 7.7





#23

Nitrobenzene-d5

Concen: 95.818 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140146.D

Acq: 30 Oct 2024 07:16

Instrument :

BNA_F

ClientSampleId :

BLUE-2-1

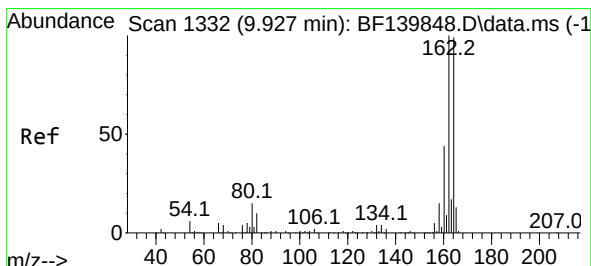
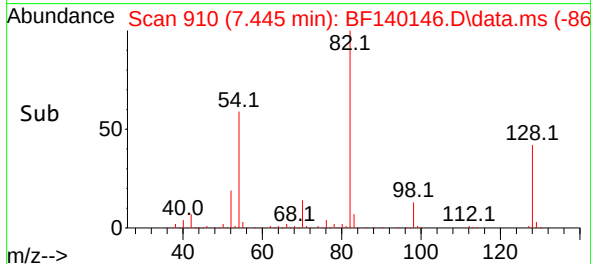
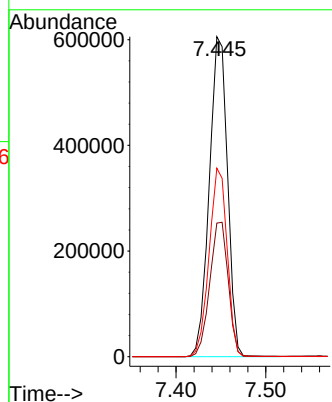
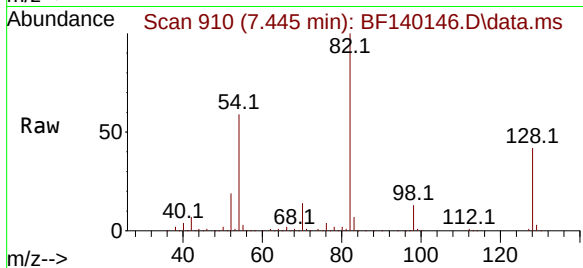
Tgt Ion: 82 Resp: 854374

Ion Ratio Lower Upper

82 100

128 41.8 33.4 50.0

54 58.9 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.005 min

Lab File: BF140146.D

Acq: 30 Oct 2024 07:16

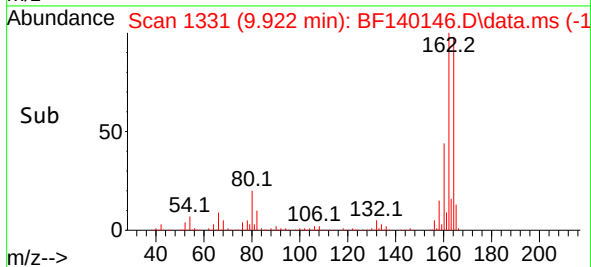
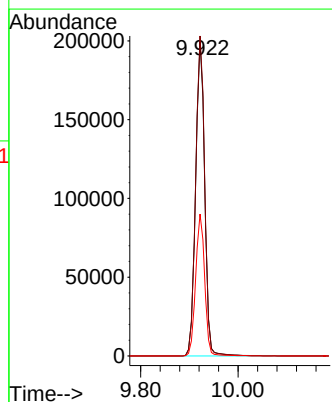
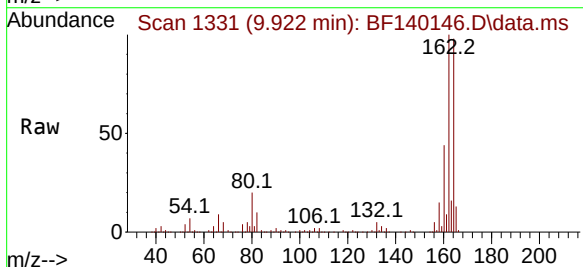
Tgt Ion:164 Resp: 259403

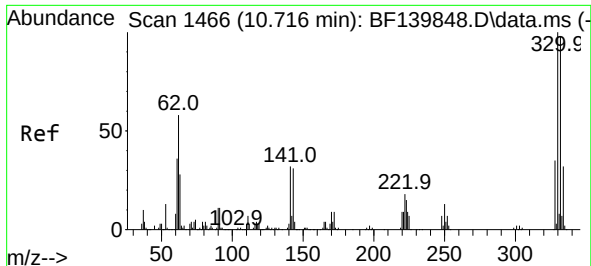
Ion Ratio Lower Upper

164 100

162 101.7 81.0 121.4

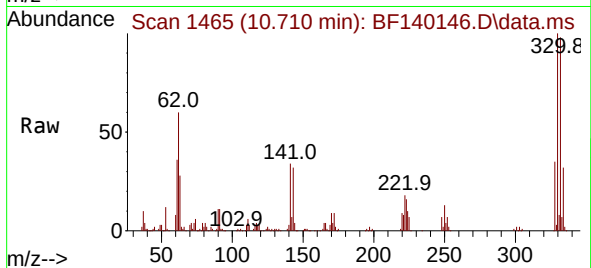
160 45.1 35.4 53.0



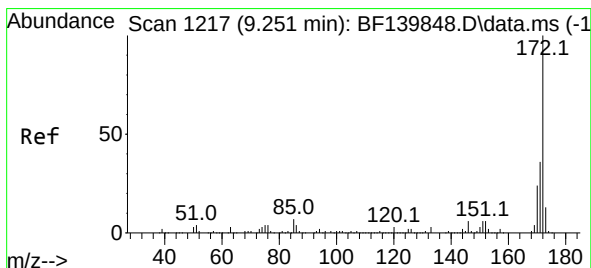
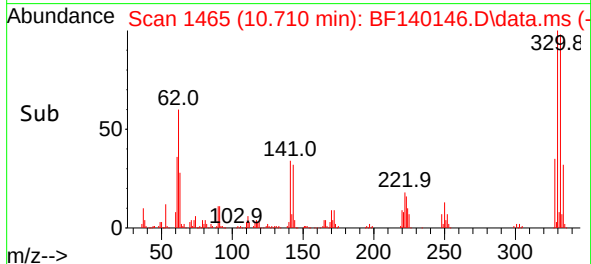
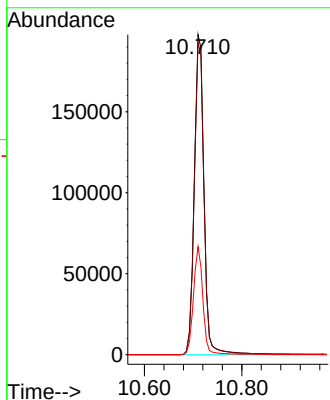


#42
2,4,6-Tribromophenol
Concen: 113.724 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140146.D
Acq: 30 Oct 2024 07:16

Instrument :
BNA_F
ClientSampleId :
BLUE-2-1

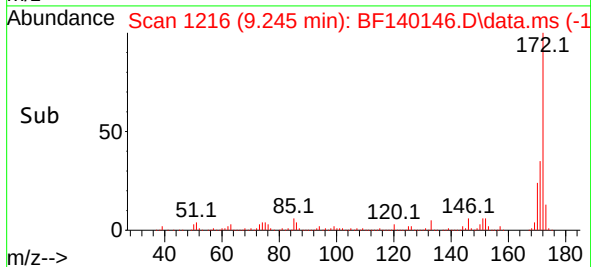
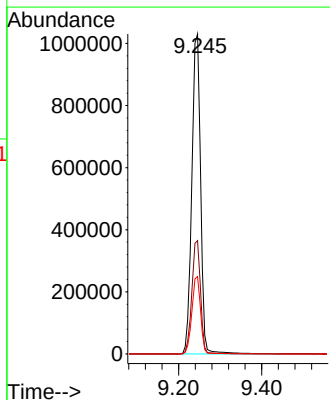
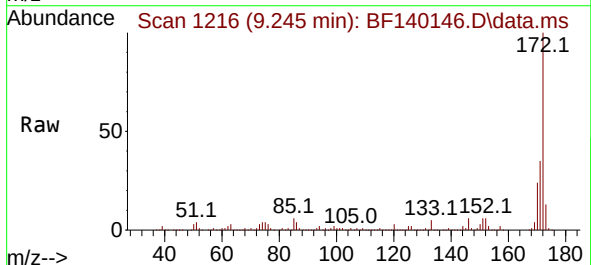


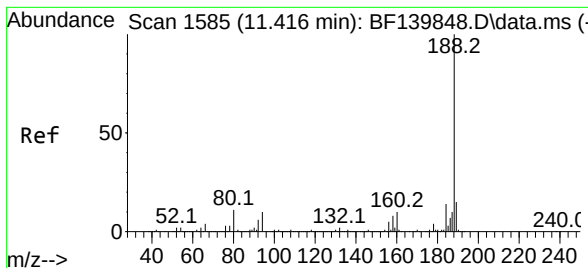
Tgt Ion:330 Resp: 275938
Ion Ratio Lower Upper
330 100
332 97.9 78.1 117.1
141 32.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 96.426 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140146.D
Acq: 30 Oct 2024 07:16

Tgt Ion:172 Resp: 1513483
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.2 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140146.D

Acq: 30 Oct 2024 07:16

Instrument :

BNA_F

ClientSampleId :

BLUE-2-1

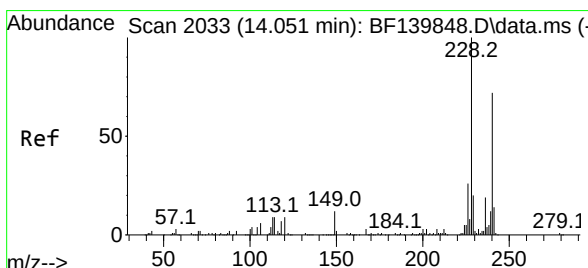
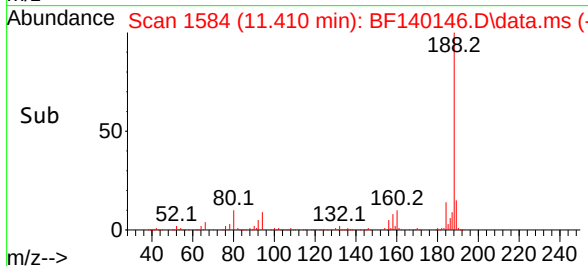
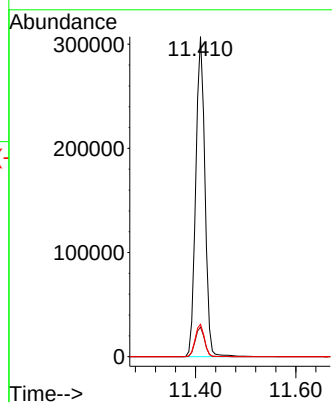
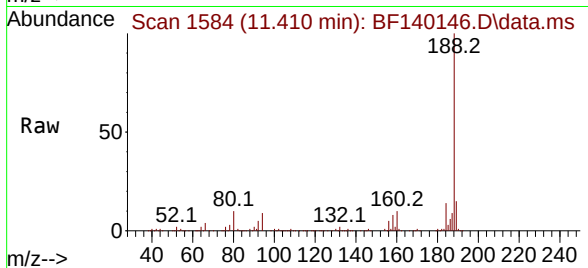
Tgt Ion:188 Resp: 388146

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

80 10.1 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140146.D

Acq: 30 Oct 2024 07:16

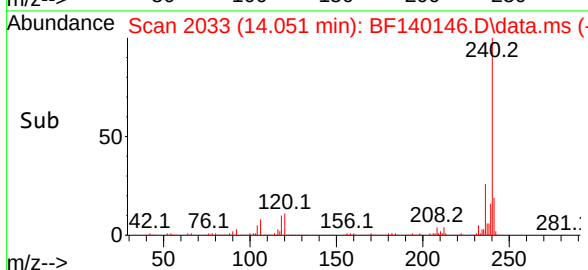
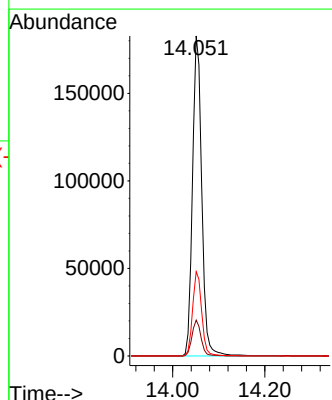
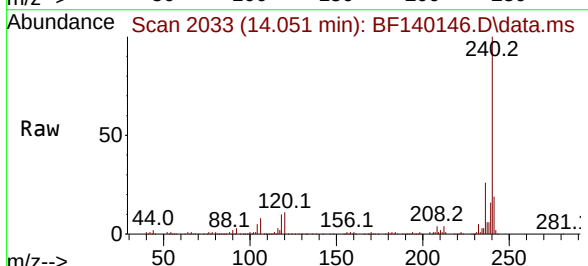
Tgt Ion:240 Resp: 254130

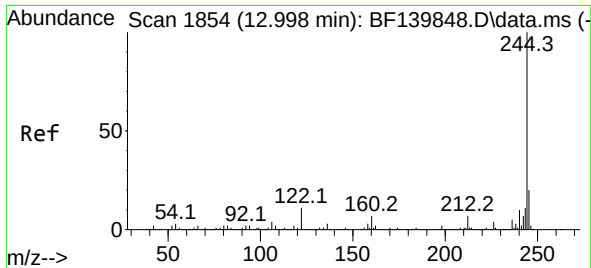
Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.2

236 26.3 20.9 31.3

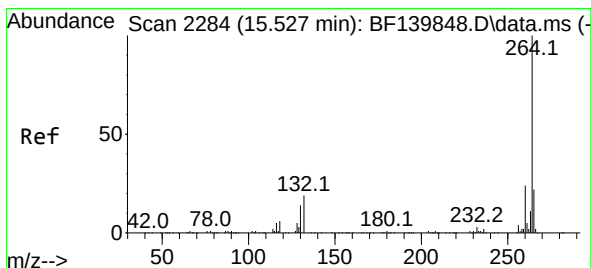
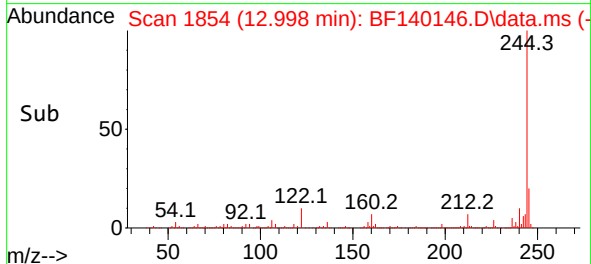
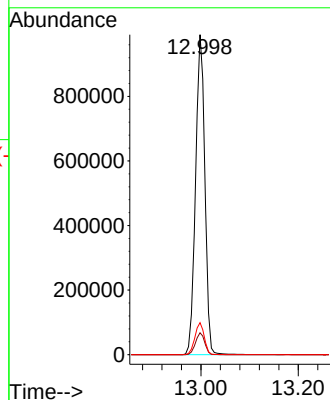
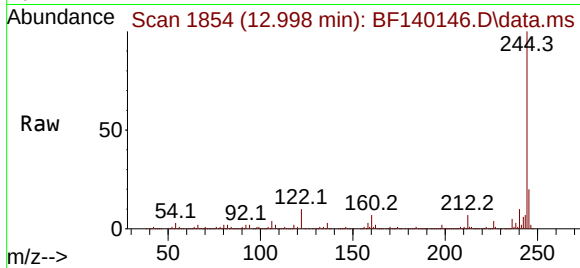




#79
Terphenyl-d14
Concen: 84.880 ng
RT: 12.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140146.D
Acq: 30 Oct 2024 07:16

Instrument :
BNA_F
ClientSampleId :
BLUE-2-1

Tgt Ion:244 Resp: 1323767
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.0 8.6 13.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2288
Delta R.T. 0.024 min
Lab File: BF140146.D
Acq: 30 Oct 2024 07:16

Tgt Ion:264 Resp: 185387
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 21.0 17.4 26.0

