

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139656.D
 Acq On : 04 Oct 2024 14:34
 Operator : RC/JU
 Sample : P4270-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-2

Quant Time: Oct 04 15:05:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	92545	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	349687	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	193561	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	356665	20.000	ng	0.00
76) Chrysene-d12	14.021	240	186755	20.000	ng	-0.01
86) Perylene-d12	15.492	264	195939	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	732686	137.222	ng	0.01
7) Phenol-d6	6.498	99	884941	123.245	ng	0.00
23) Nitrobenzene-d5	7.428	82	697998	101.061	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	266343	142.542	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1229672	97.529	ng	0.00
79) Terphenyl-d14	12.974	244	1237976	108.769	ng	0.00

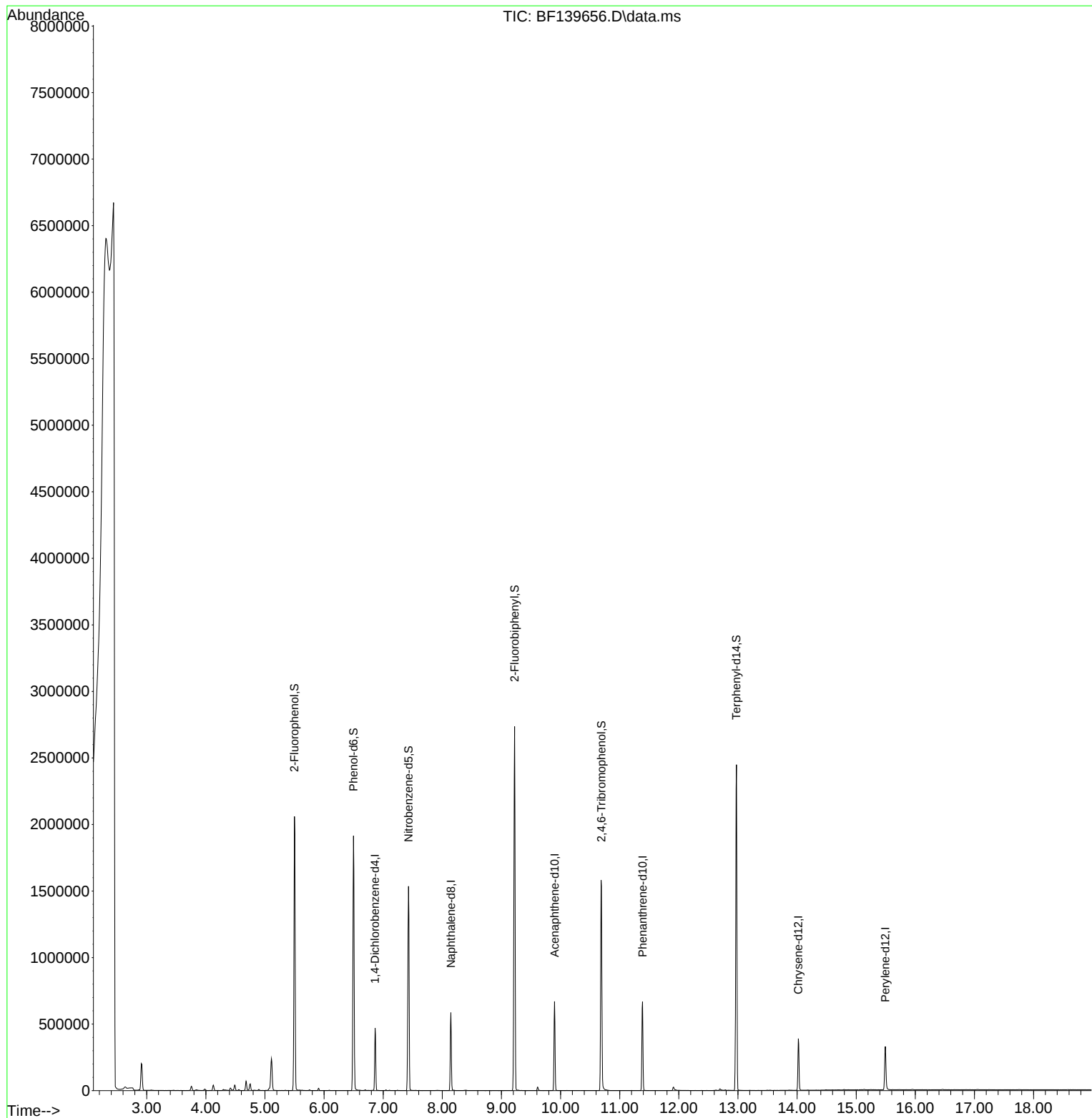
Target Compounds	Qvalue

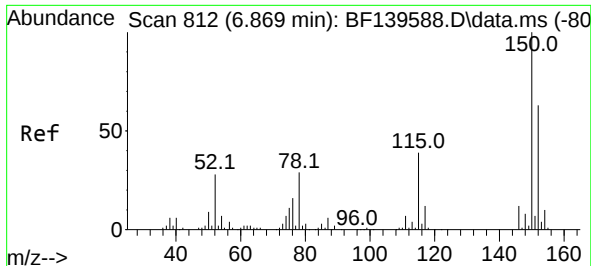
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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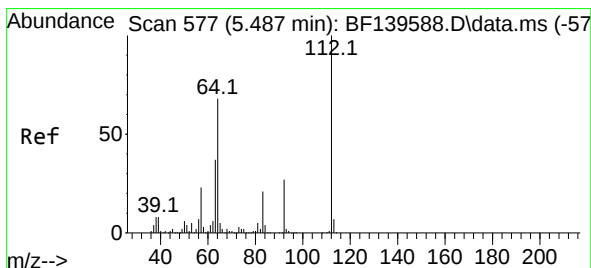
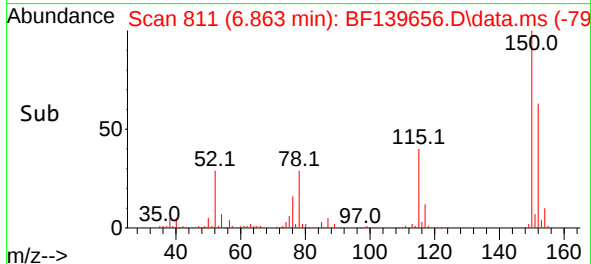
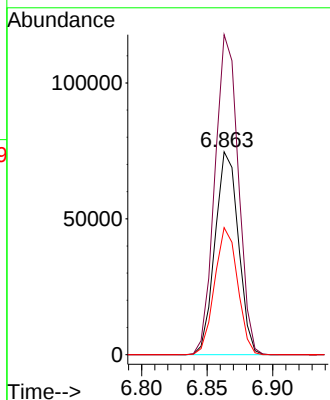
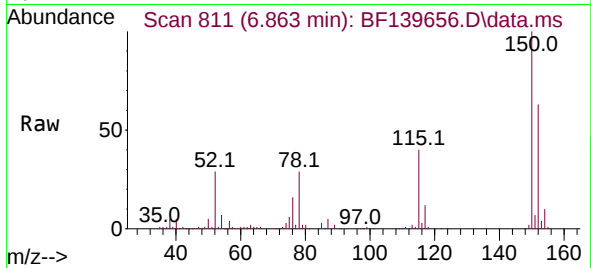




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139656.D
Acq: 04 Oct 2024 14:34

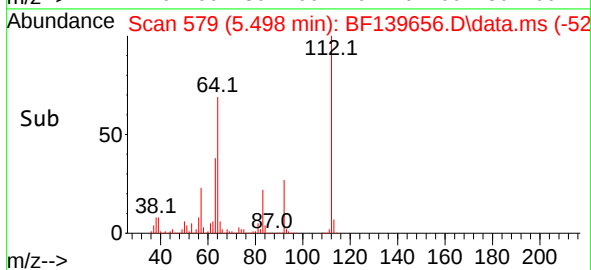
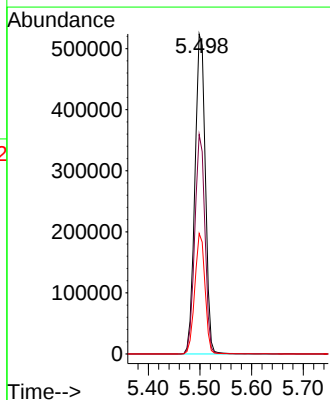
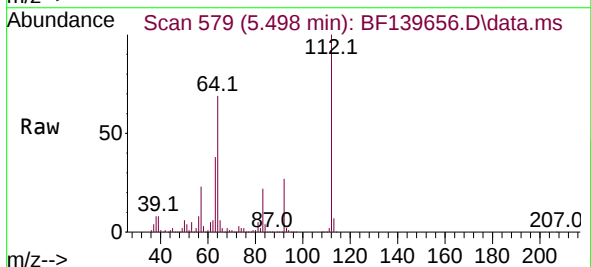
Instrument :
BNA_F
ClientSampleId :
IB-2

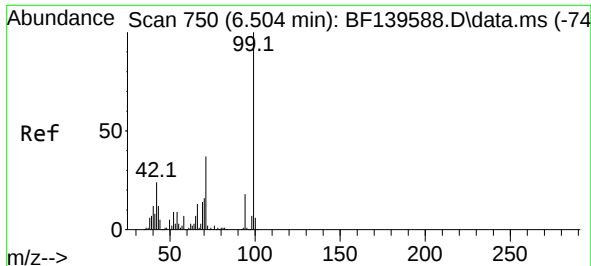
Tgt Ion:152 Resp: 92545
Ion Ratio Lower Upper
152 100
150 157.7 127.2 190.8
115 62.6 49.0 73.4



#5
2-Fluorophenol
Concen: 137.222 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139656.D
Acq: 04 Oct 2024 14:34

Tgt Ion:112 Resp: 732686
Ion Ratio Lower Upper
112 100
64 68.6 54.2 81.4
63 37.7 29.4 44.2

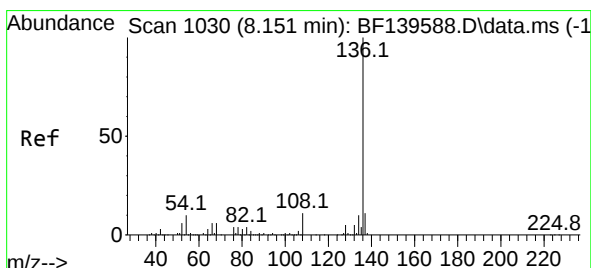
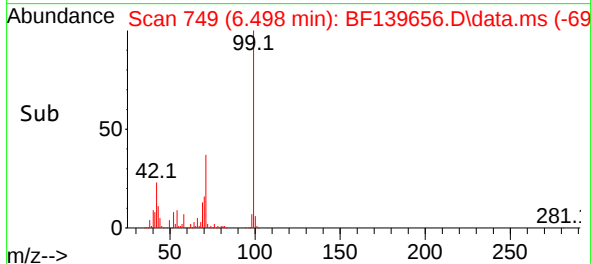
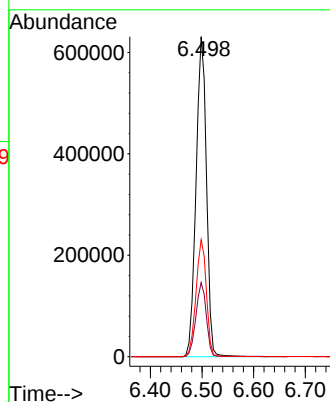
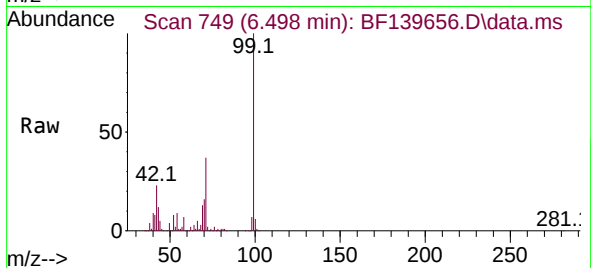




#7
Phenol-d6
Concen: 123.245 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139656.D
Acq: 04 Oct 2024 14:34

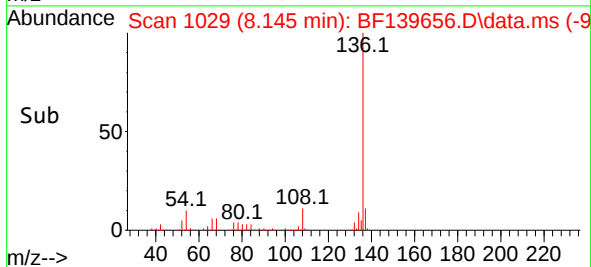
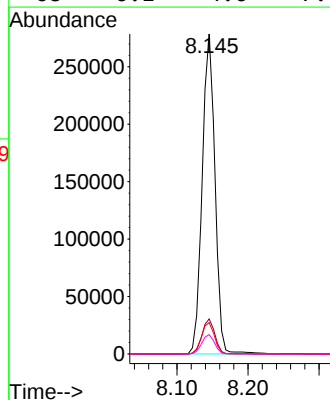
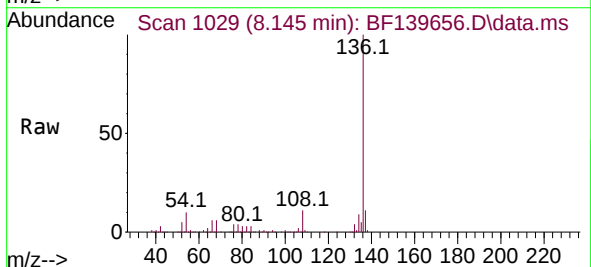
Instrument :
BNA_F
ClientSampleId :
IB-2

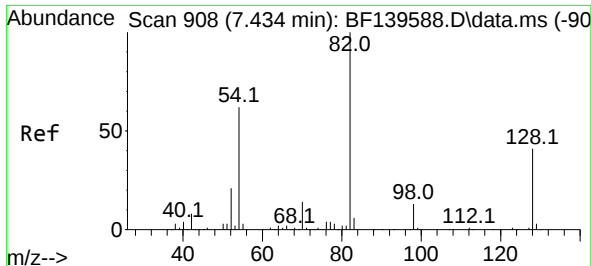
Tgt Ion: 99 Resp: 884941
Ion Ratio Lower Upper
99 100
42 23.1 19.1 28.7
71 36.6 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139656.D
Acq: 04 Oct 2024 14:34

Tgt Ion: 136 Resp: 349687
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.8 8.3 12.5
68 6.1 4.6 7.0

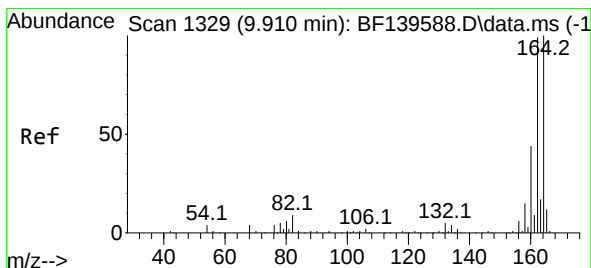
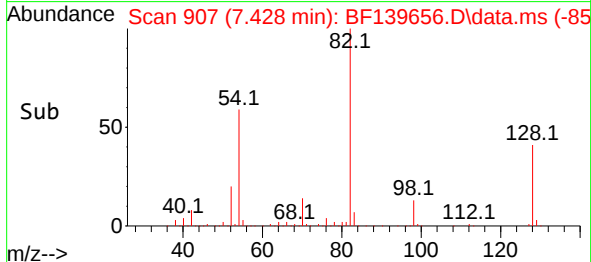
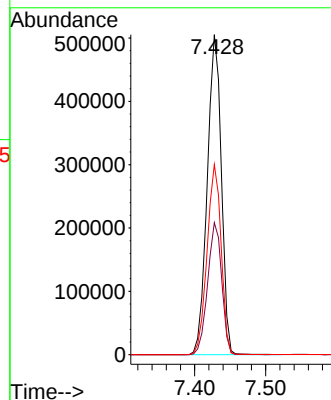
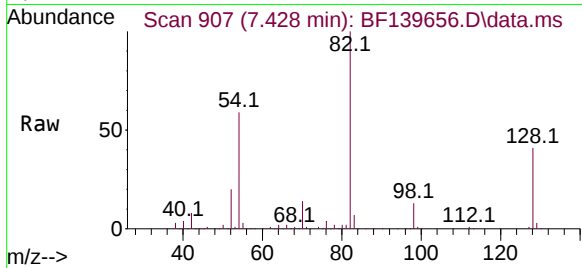




#23
 Nitrobenzene-d5
 Concen: 101.061 ng
 RT: 7.428 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: BF139656.D
 Acq: 04 Oct 2024 14:34

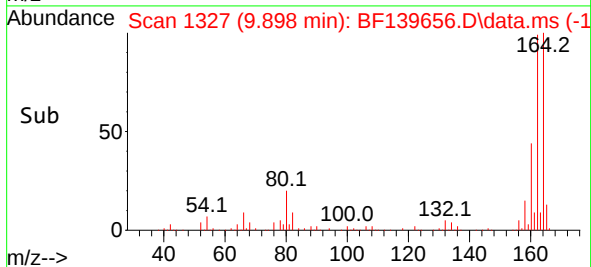
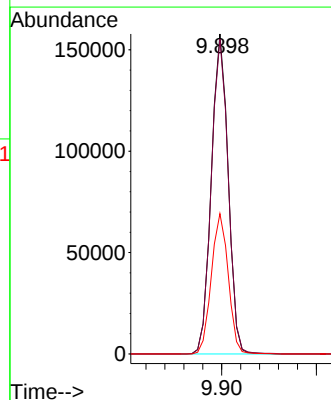
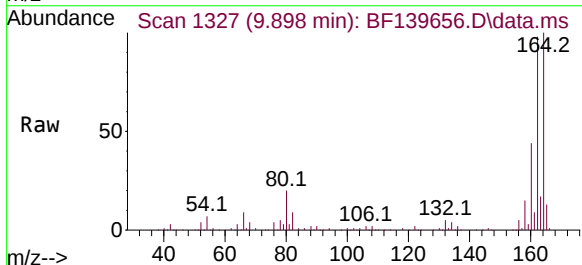
Instrument :
 BNA_F
 ClientSampleId :
 IB-2

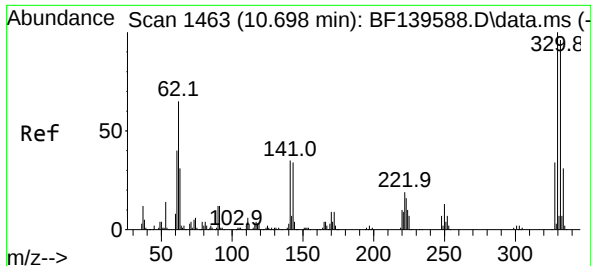
Tgt Ion: 82 Resp: 697998
 Ion Ratio Lower Upper
 82 100
 128 41.3 32.4 48.6
 54 59.4 49.1 73.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.898 min Scan# 1327
 Delta R.T. -0.012 min
 Lab File: BF139656.D
 Acq: 04 Oct 2024 14:34

Tgt Ion:164 Resp: 193561
 Ion Ratio Lower Upper
 164 100
 162 98.4 79.4 119.0
 160 43.9 35.1 52.7

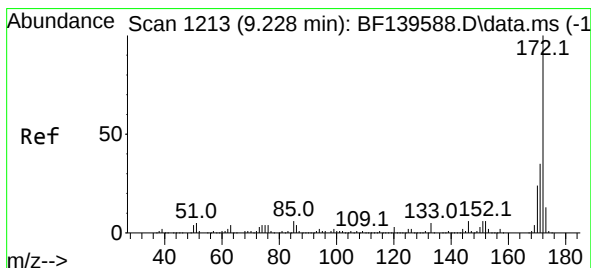
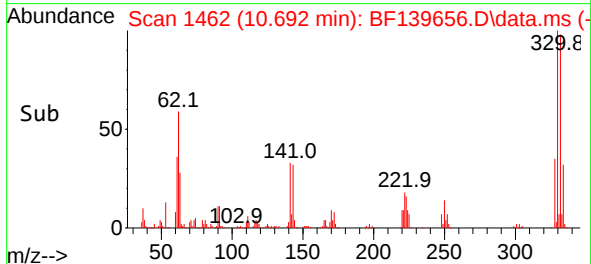
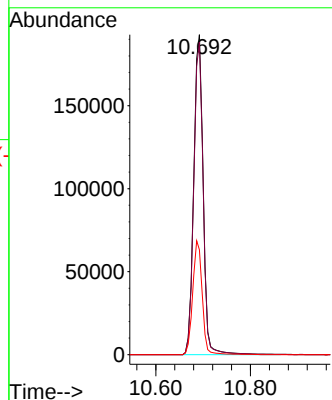
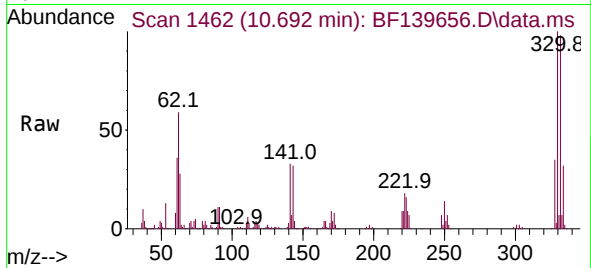




#42
2,4,6-Tribromophenol
Concen: 142.542 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139656.D
Acq: 04 Oct 2024 14:34

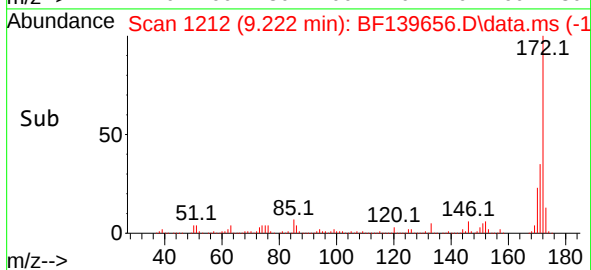
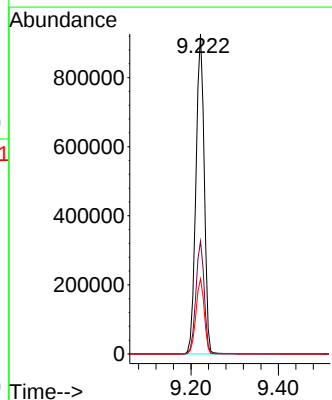
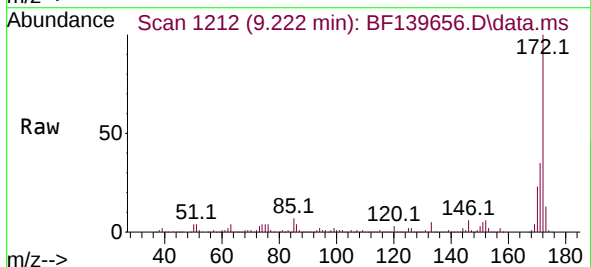
Instrument :
BNA_F
ClientSampleId :
IB-2

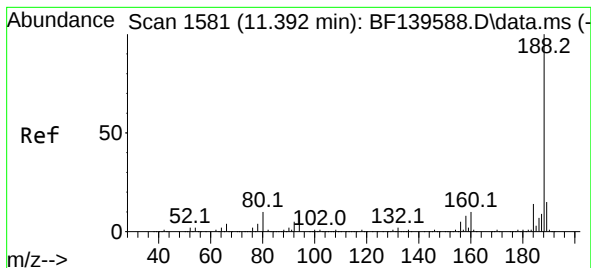
Tgt Ion:330 Resp: 266343
Ion Ratio Lower Upper
330 100
332 97.3 76.5 114.7
141 35.7 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 97.529 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139656.D
Acq: 04 Oct 2024 14:34

Tgt Ion:172 Resp: 1229672
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139656.D

Acq: 04 Oct 2024 14:34

Instrument :

BNA_F

ClientSampleId :

IB-2

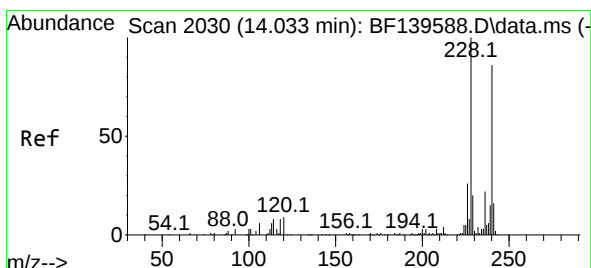
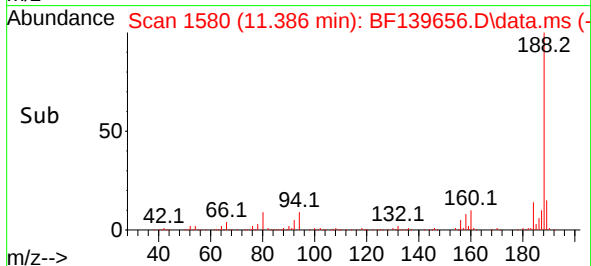
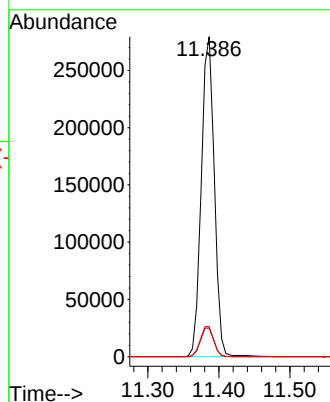
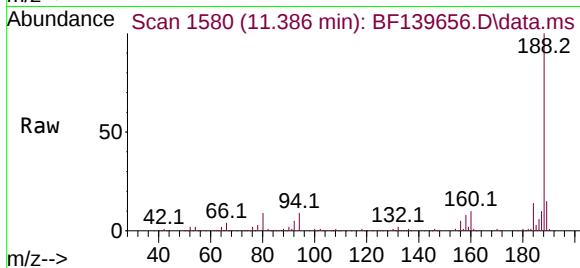
Tgt Ion:188 Resp: 356665

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.4 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF139656.D

Acq: 04 Oct 2024 14:34

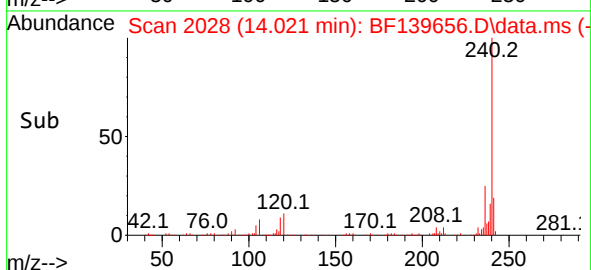
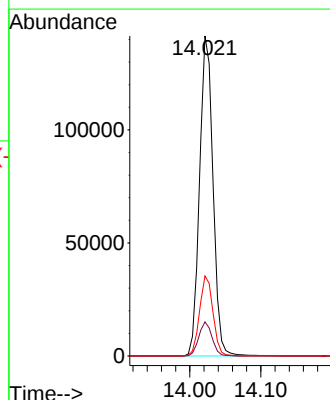
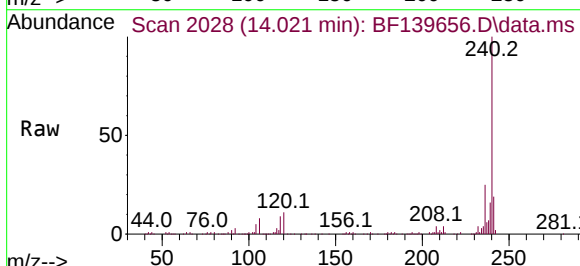
Tgt Ion:240 Resp: 186755

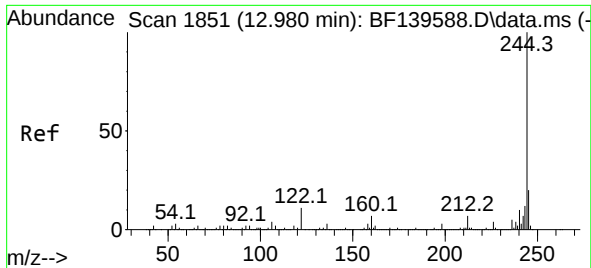
Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

236 25.0 20.3 30.5

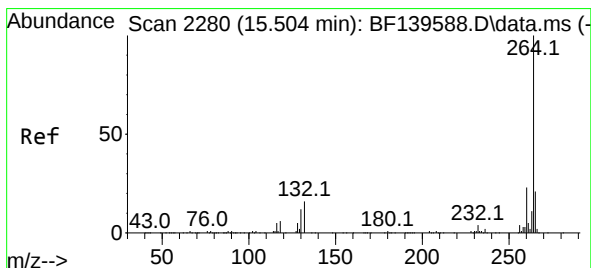
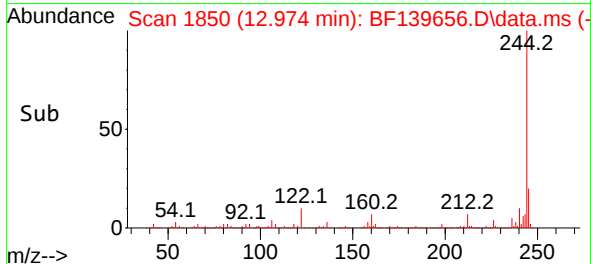
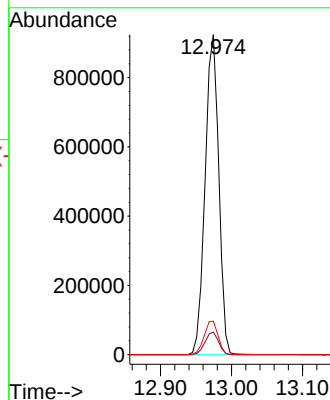
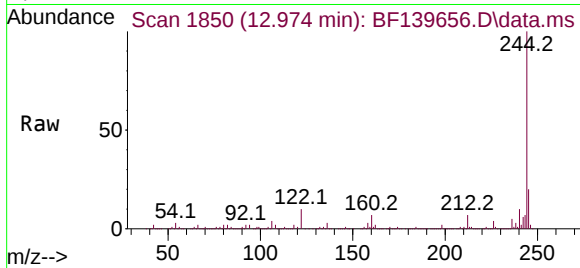




#79
 Terphenyl-d14
 Concen: 108.769 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139656.D
 Acq: 04 Oct 2024 14:34

Instrument :
 BNA_F
 ClientSampleId :
 IB-2

Tgt Ion:244 Resp: 1237976
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 10.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2278
 Delta R.T. -0.012 min
 Lab File: BF139656.D
 Acq: 04 Oct 2024 14:34

Tgt Ion:264 Resp: 195939
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 22.2 16.9 25.3

