

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
 Data File : BF139290.D
 Acq On : 09 Sep 2024 18:49
 Operator : RC/JU
 Sample : P3871-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1(0-6)

Quant Time: Sep 10 00:39:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	110506	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	399102	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	197814	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	275342	20.000	ng	0.00
76) Chrysene-d12	14.045	240	194784	20.000	ng	0.00
86) Perylene-d12	15.521	264	146347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	334765	50.678	ng	0.00
7) Phenol-d6	6.510	99	749850	85.031	ng	0.00
23) Nitrobenzene-d5	7.445	82	494877	64.507	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	49055	28.718	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	834149	65.093	ng	0.00
79) Terphenyl-d14	12.998	244	581023	48.161	ng	0.00

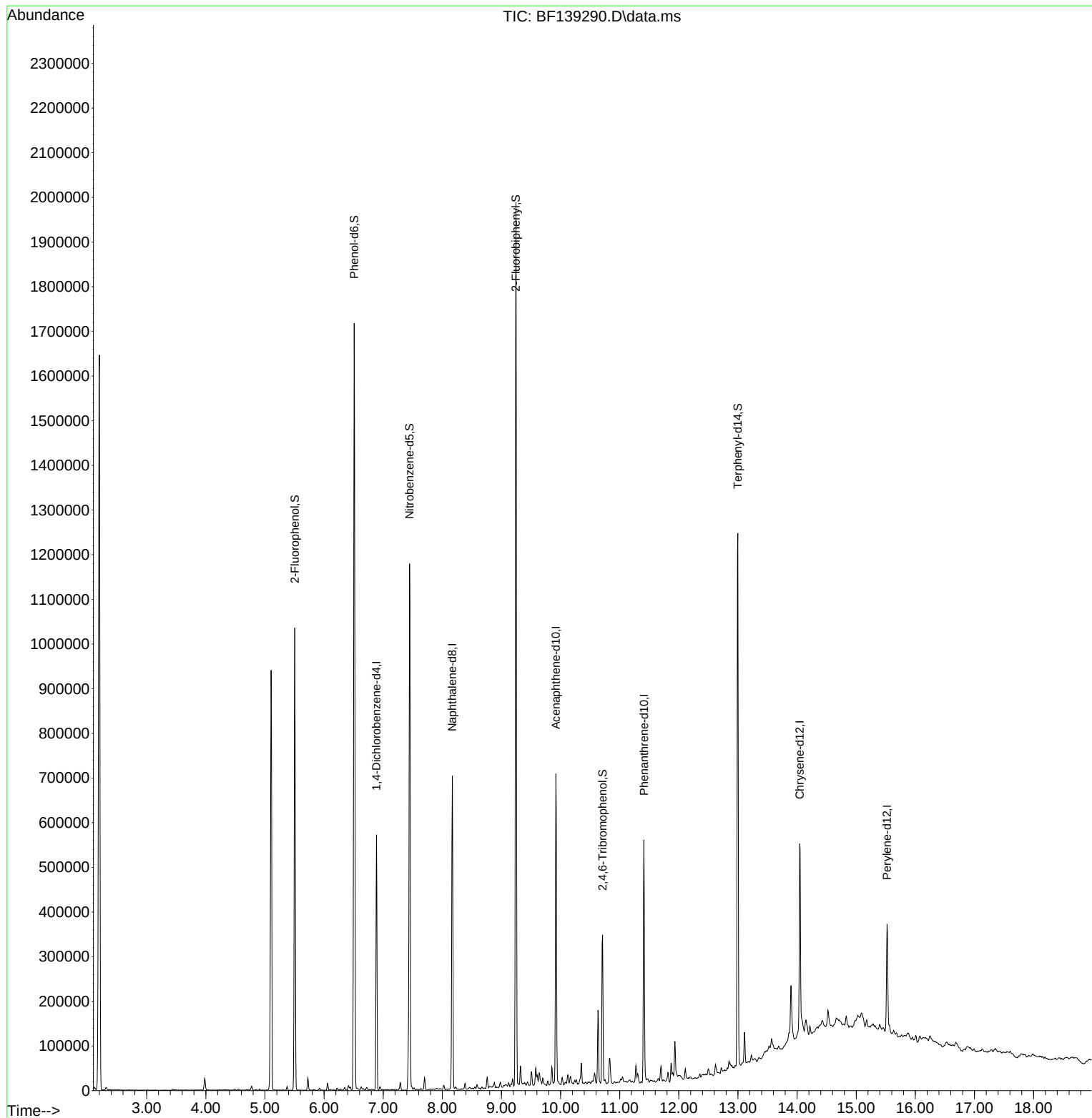
Target Compounds	Qvalue

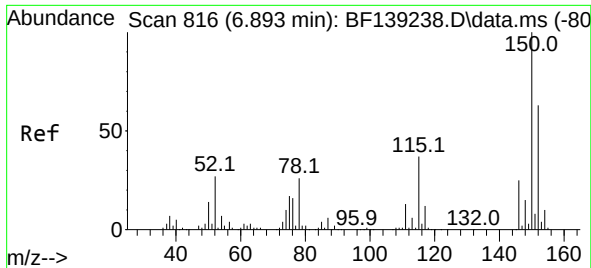
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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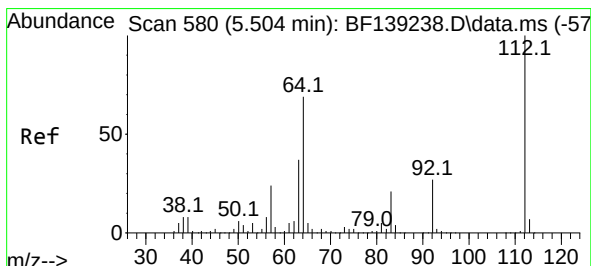
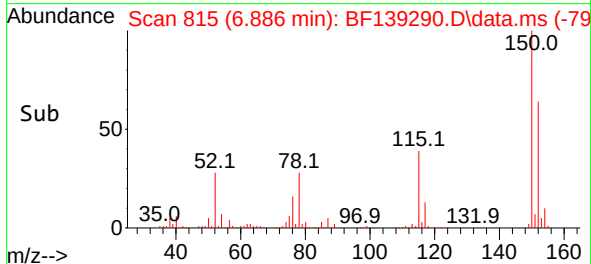
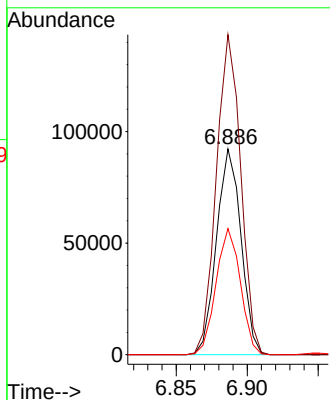
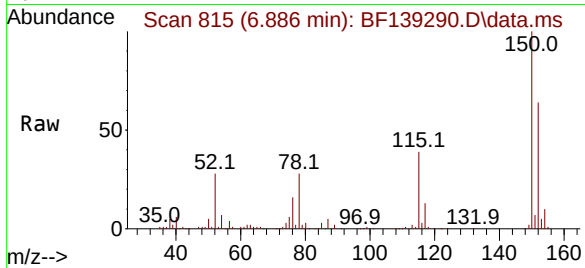




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.007 min
Lab File: BF139290.D
Acq: 09 Sep 2024 18:49

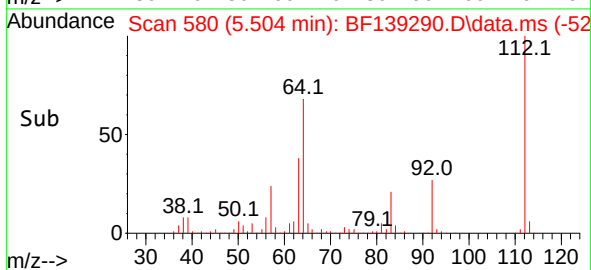
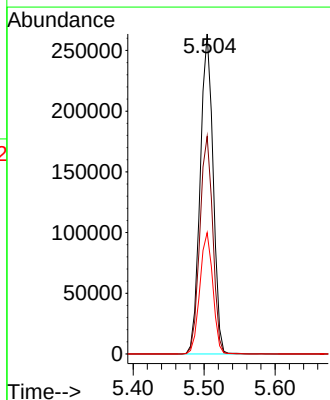
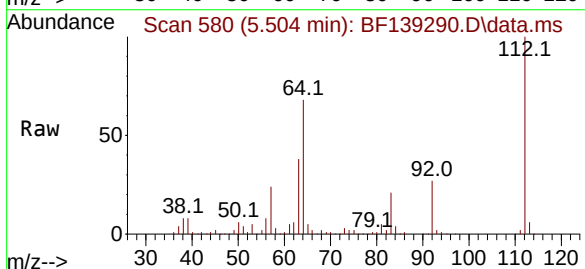
Instrument :
BNA_F
ClientSampleId :
B1(0-6)

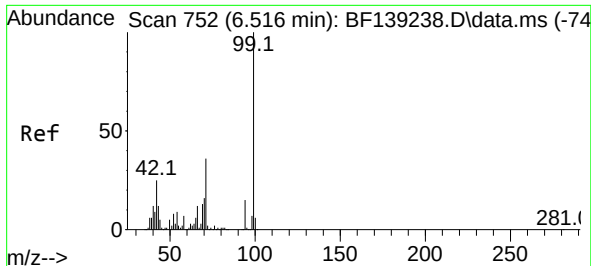
Tgt Ion:152 Resp: 110506
Ion Ratio Lower Upper
152 100
150 155.5 127.0 190.4
115 61.3 46.9 70.3



#5
2-Fluorophenol
Concen: 50.678 ng
RT: 5.504 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF139290.D
Acq: 09 Sep 2024 18:49

Tgt Ion:112 Resp: 334765
Ion Ratio Lower Upper
112 100
64 68.0 55.0 82.4
63 37.9 29.9 44.9

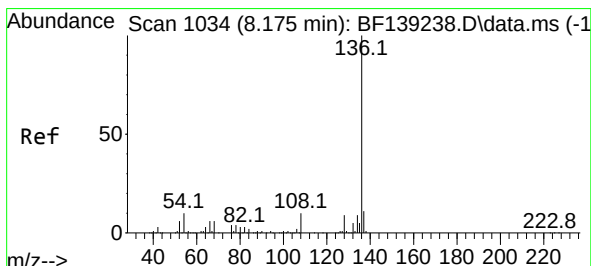
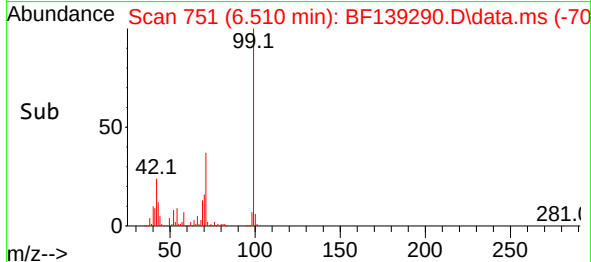
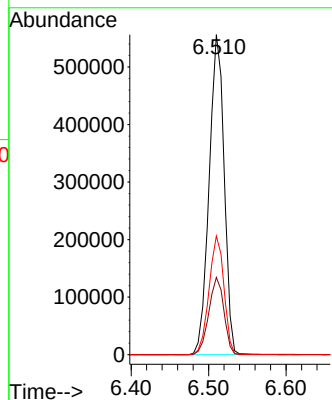
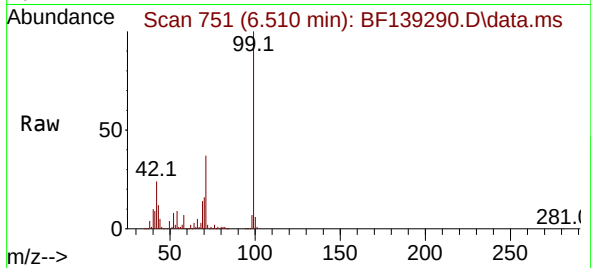




#7
Phenol-d6
Concen: 85.031 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139290.D
Acq: 09 Sep 2024 18:49

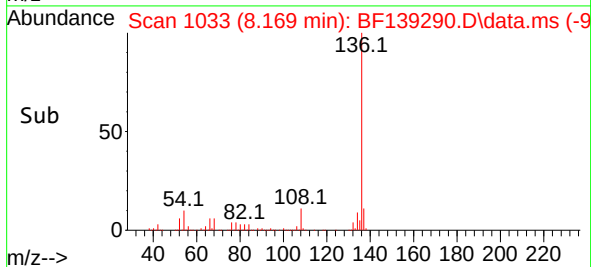
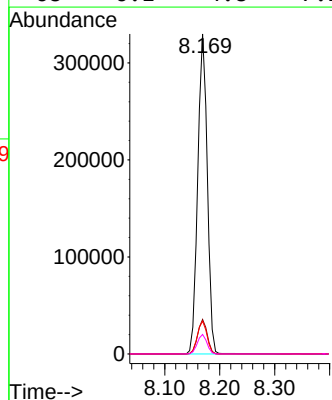
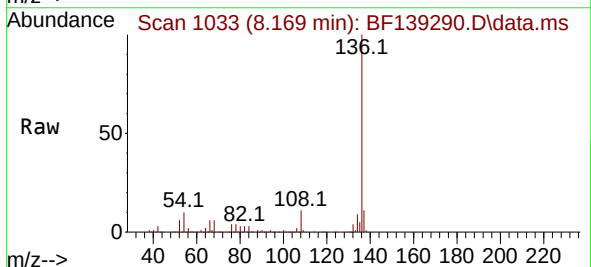
Instrument :
BNA_F
ClientSampleId :
B1(0-6)

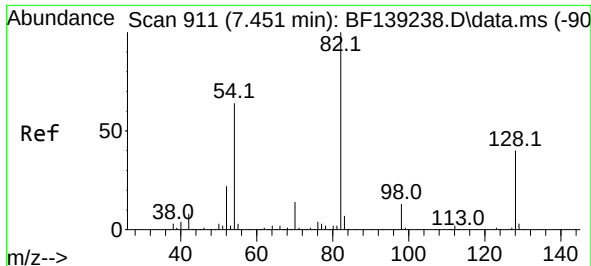
Tgt Ion: 99 Resp: 749850
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 37.1 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139290.D
Acq: 09 Sep 2024 18:49

Tgt Ion: 136 Resp: 399102
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.3 8.4 12.6
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 64.507 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139290.D

Acq: 09 Sep 2024 18:49

Instrument :

BNA_F

ClientSampleId :

B1(0-6)

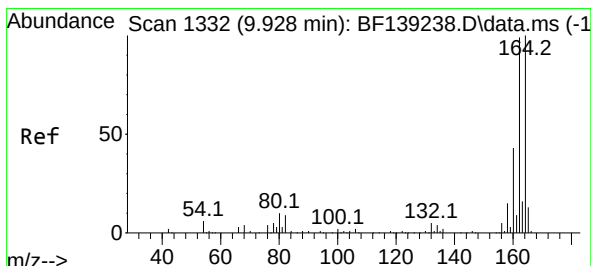
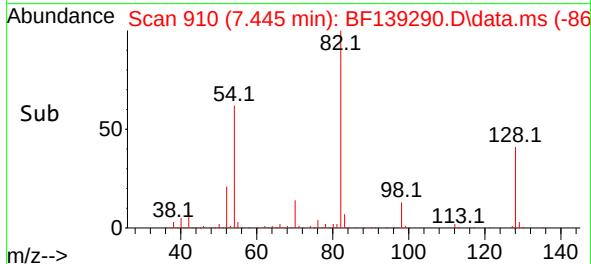
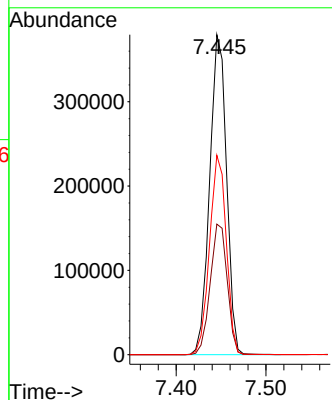
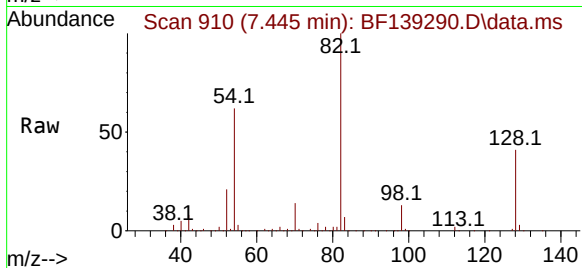
Tgt Ion: 82 Resp: 494877

Ion Ratio Lower Upper

82 100

128 40.8 32.3 48.5

54 62.3 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF139290.D

Acq: 09 Sep 2024 18:49

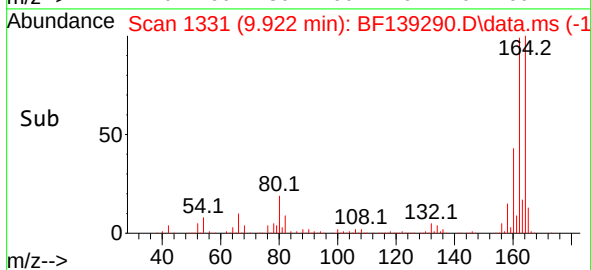
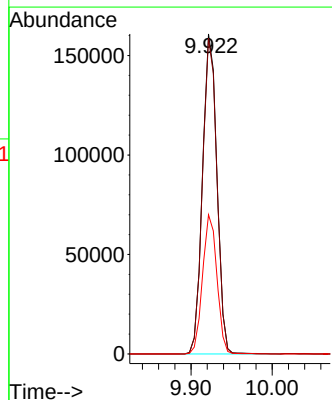
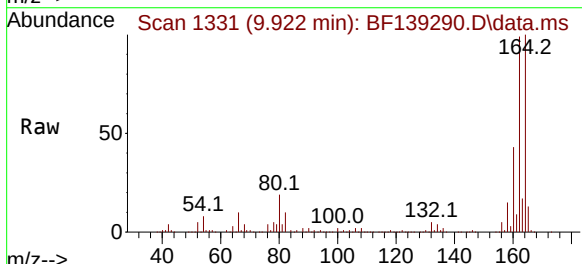
Tgt Ion:164 Resp: 197814

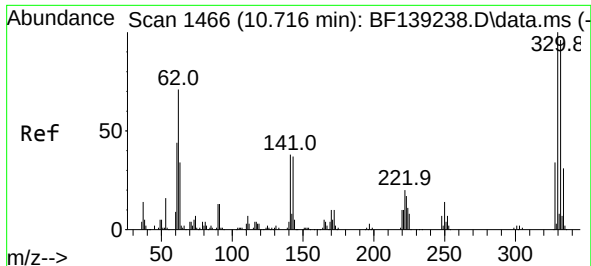
Ion Ratio Lower Upper

164 100

162 98.7 79.2 118.8

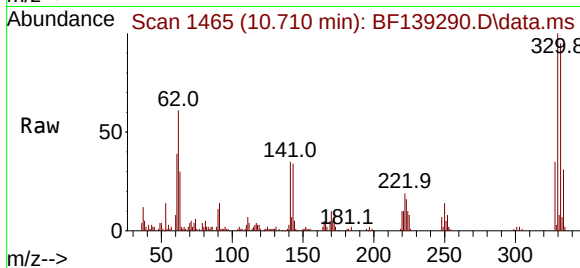
160 43.5 34.2 51.2



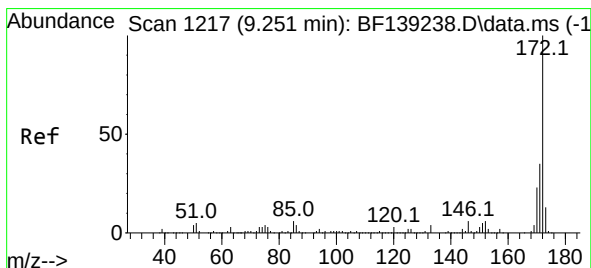
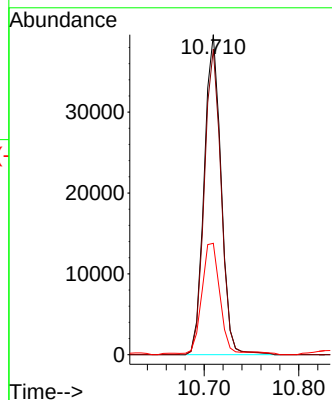
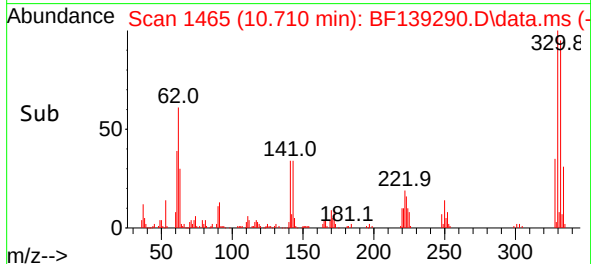


#42
2,4,6-Tribromophenol
Concen: 28.718 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139290.D
Acq: 09 Sep 2024 18:49

Instrument :
BNA_F
ClientSampleId :
B1(0-6)

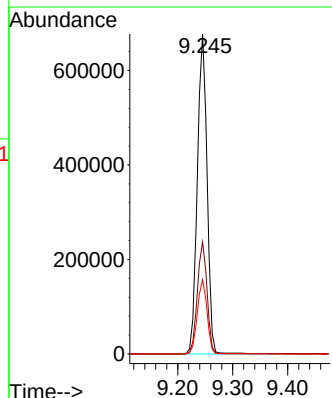
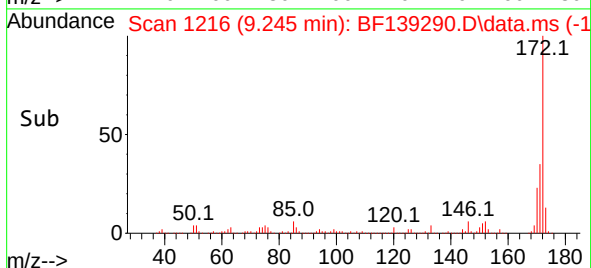
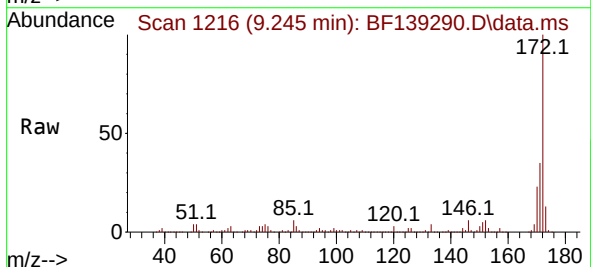


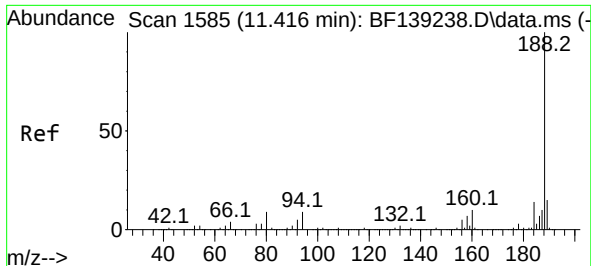
Tgt Ion:330 Resp: 49055
Ion Ratio Lower Upper
330 100
332 95.1 76.6 115.0
141 37.7 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 65.093 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139290.D
Acq: 09 Sep 2024 18:49

Tgt Ion:172 Resp: 834149
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.2 18.7 28.1

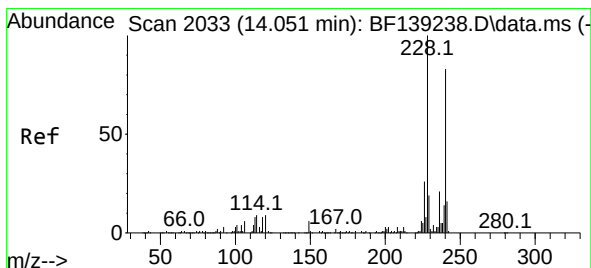
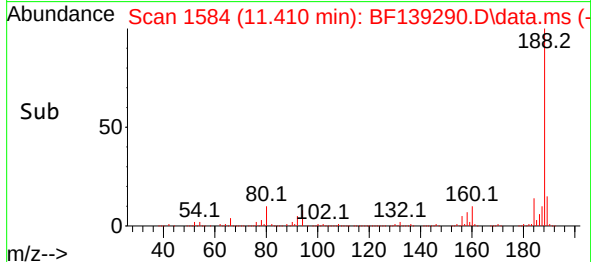
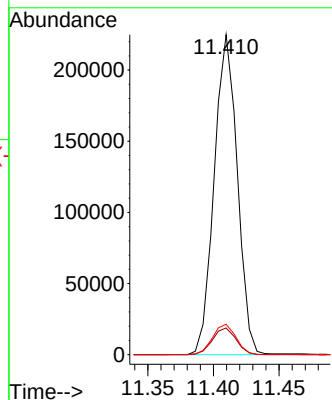
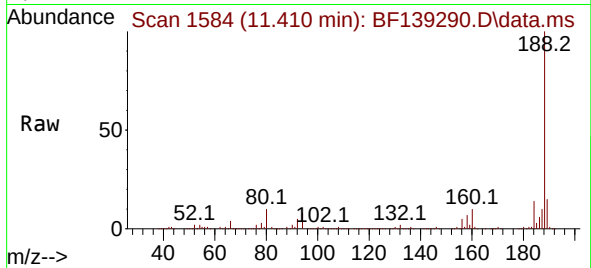




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139290.D
Acq: 09 Sep 2024 18:49

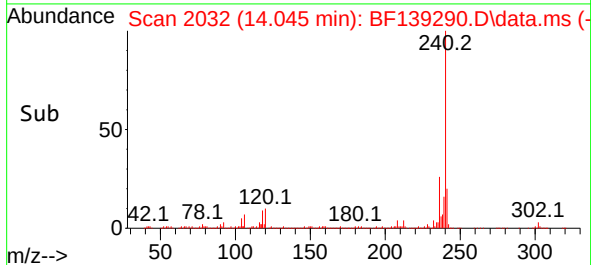
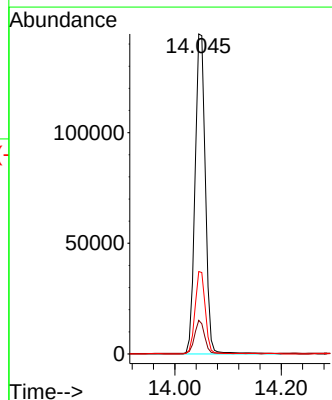
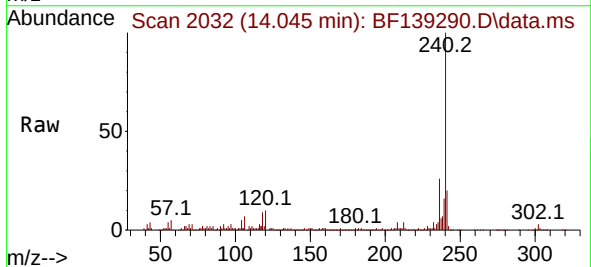
Instrument :
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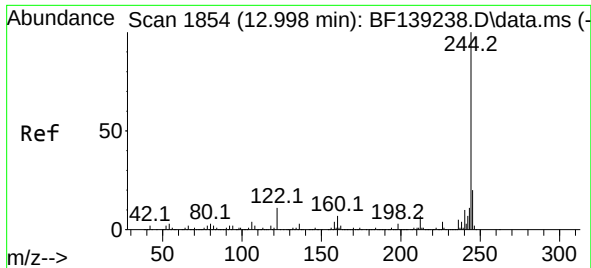
Tgt Ion:188 Resp: 275342
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.5 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139290.D
Acq: 09 Sep 2024 18:49

Tgt Ion:240 Resp: 194784
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 25.8 20.7 31.1

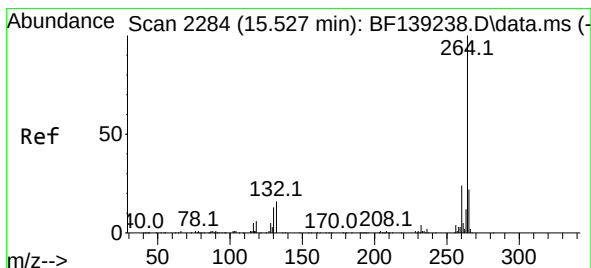
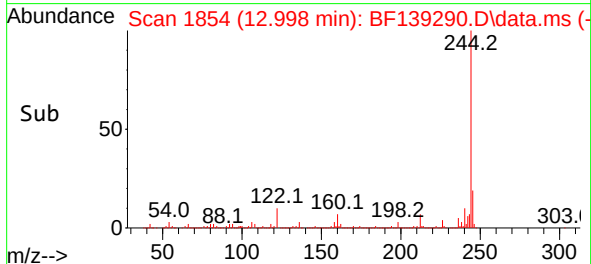
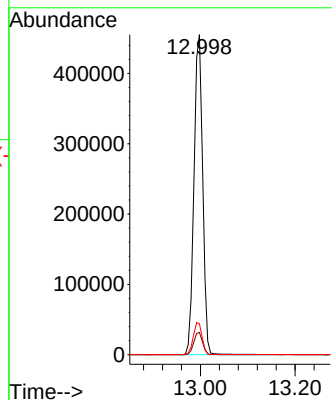
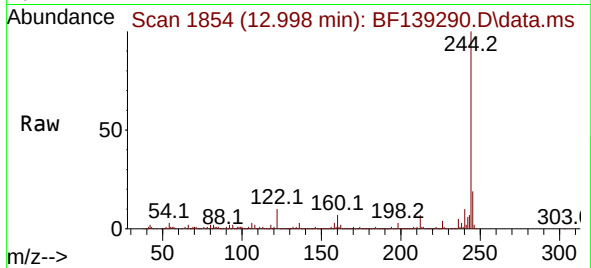




#79
 Terphenyl-d14
 Concen: 48.161 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139290.D
 Acq: 09 Sep 2024 18:49

Instrument :
 BNA_F
 ClientSampleId :
 B1(0-6)

Tgt Ion:244 Resp: 581023
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 9.7 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF139290.D
 Acq: 09 Sep 2024 18:49

Tgt Ion:264 Resp: 146347
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.8 28.2
 265 21.3 17.3 25.9

