

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090324\
 Data File : BF139230.D
 Acq On : 03 Sep 2024 12:27
 Operator : RC/JU
 Sample : P3799-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WELL-1

Quant Time: Sep 04 01:56:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 15:46:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	82950	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	320814	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	183334	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	303042	20.000	ng	0.00
76) Chrysene-d12	14.045	240	176219	20.000	ng	0.00
86) Perylene-d12	15.515	264	203328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	371663	71.826	ng	0.00
7) Phenol-d6	6.504	99	353867	51.552	ng	-0.01
23) Nitrobenzene-d5	7.445	82	639843	95.873	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	260731	141.779	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1053677	89.488	ng	0.00
79) Terphenyl-d14	12.992	244	916299	74.952	ng	0.00

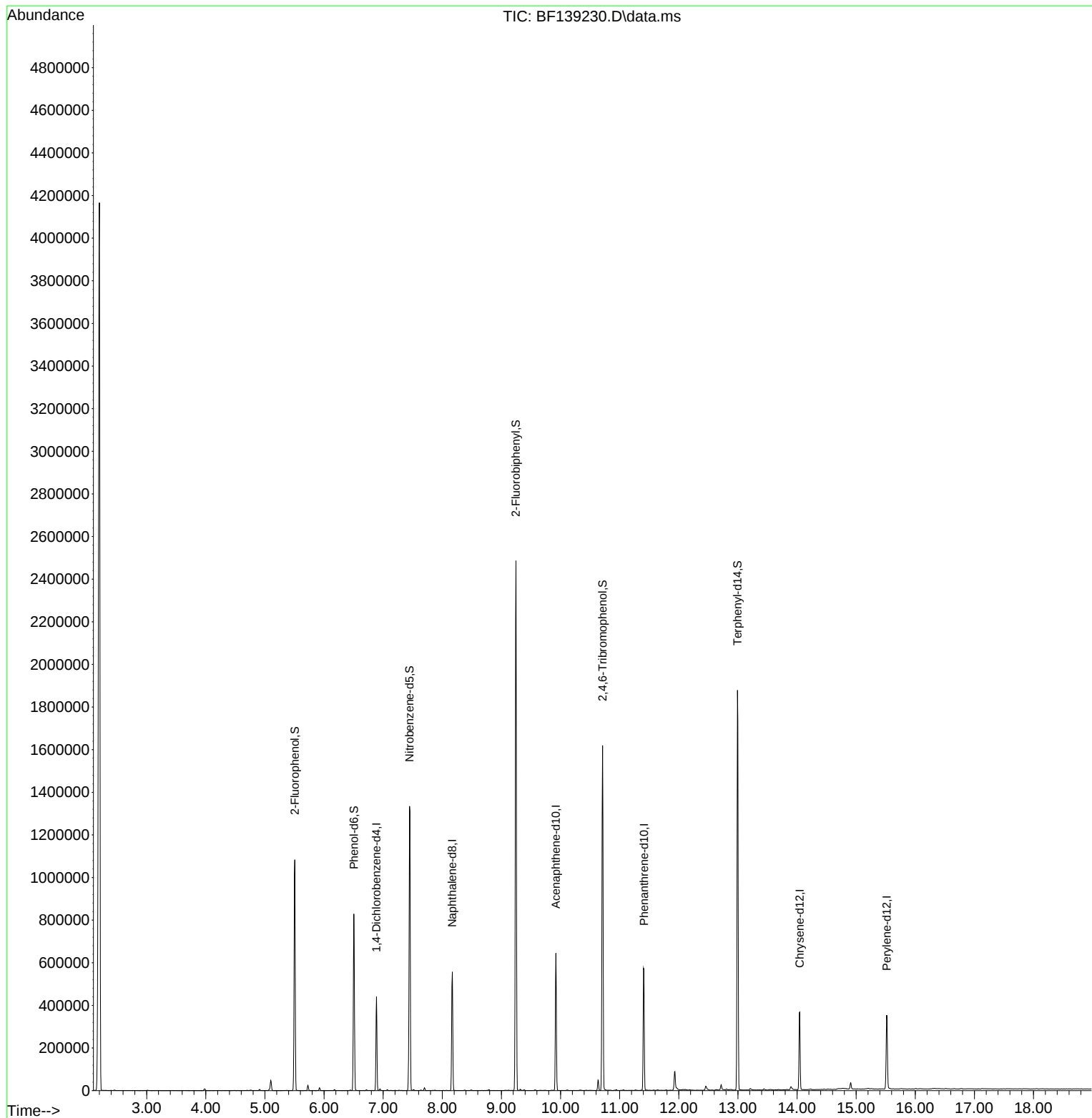
Target Compounds	Qvalue

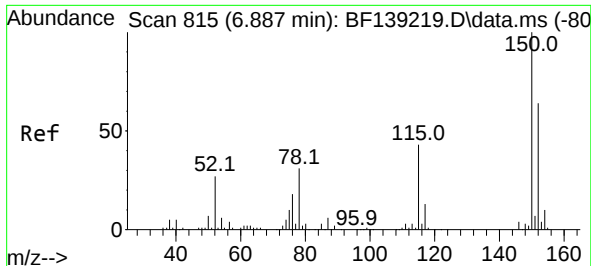
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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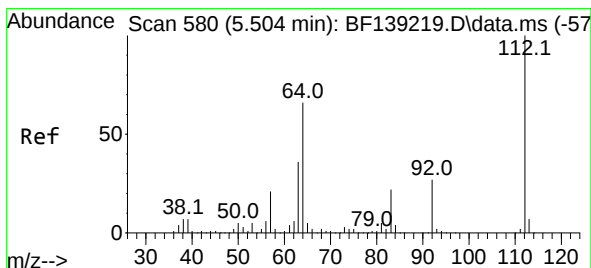
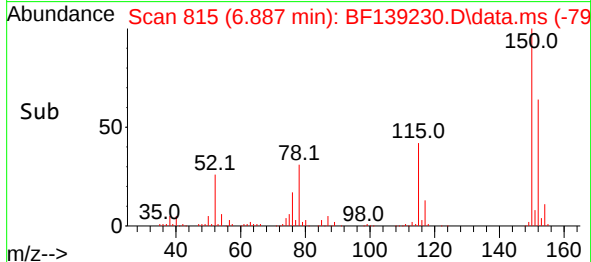
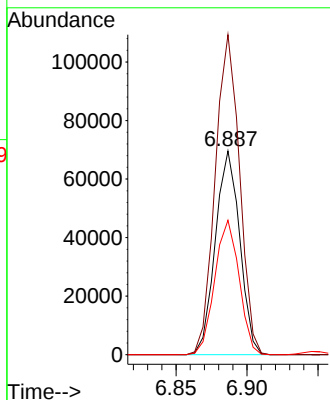
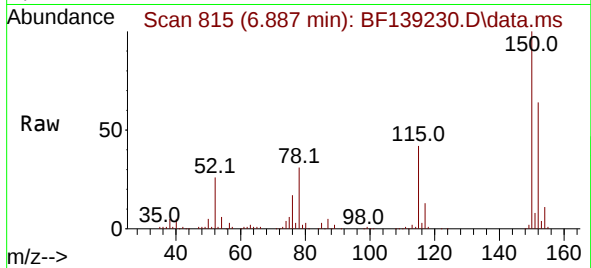




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139230.D
Acq: 03 Sep 2024 12:27

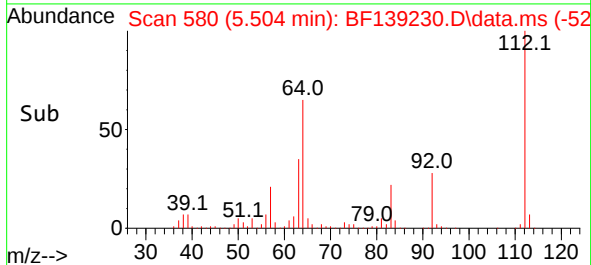
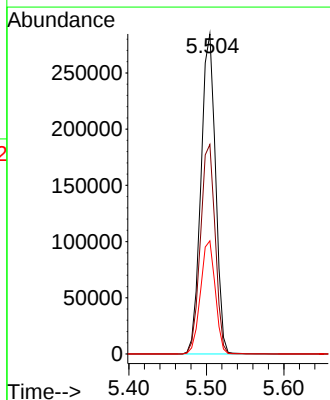
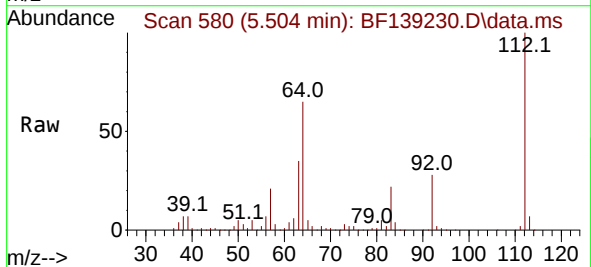
Instrument :
BNA_F
ClientSampleId :
WELL-1

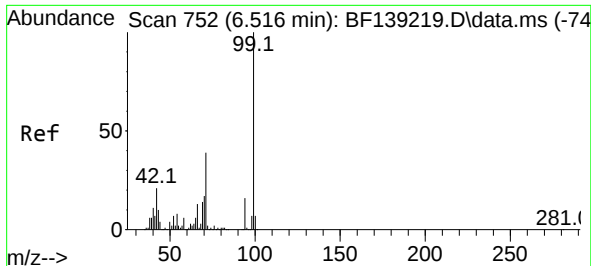
Tgt Ion:152 Resp: 82950
Ion Ratio Lower Upper
152 100
150 157.1 125.6 188.4
115 66.0 54.2 81.4



#5
2-Fluorophenol
Concen: 71.826 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF139230.D
Acq: 03 Sep 2024 12:27

Tgt Ion:112 Resp: 371663
Ion Ratio Lower Upper
112 100
64 65.4 52.5 78.7
63 35.4 28.5 42.7

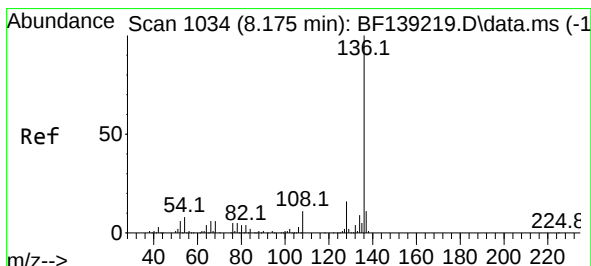
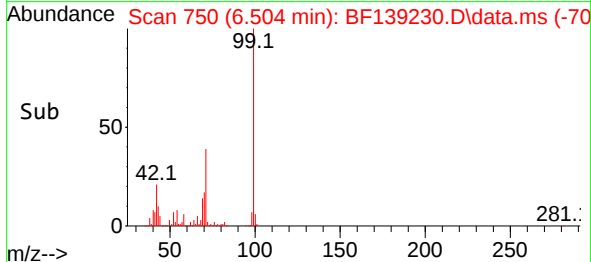
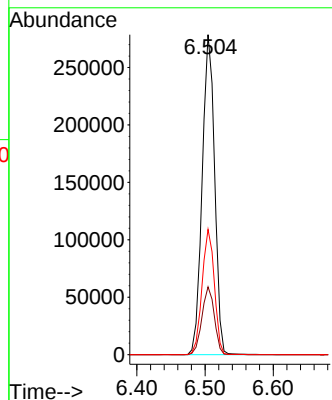
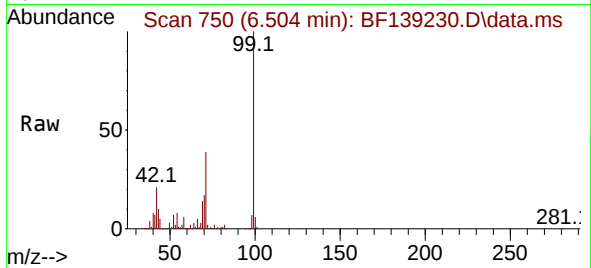




#7
Phenol-d6
Concen: 51.552 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139230.D
Acq: 03 Sep 2024 12:27

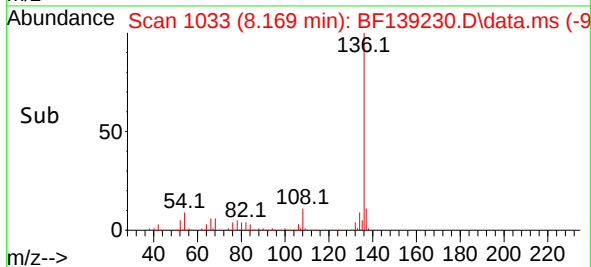
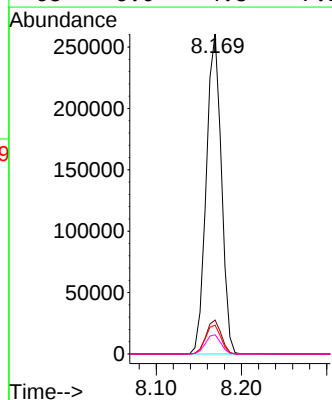
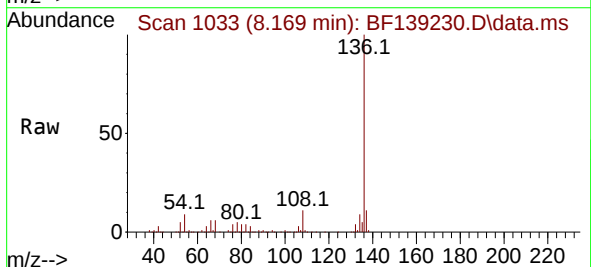
Instrument :
BNA_F
ClientSampleId :
WELL-1

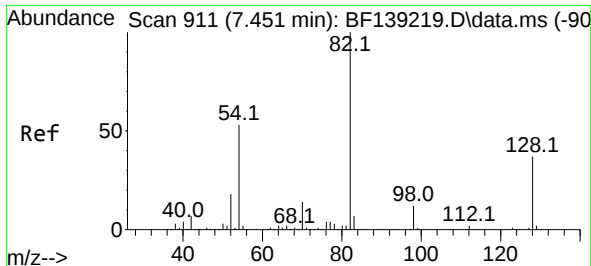
Tgt Ion: 99 Resp: 353867
Ion Ratio Lower Upper
99 100
42 21.2 16.8 25.2
71 39.2 31.3 46.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139230.D
Acq: 03 Sep 2024 12:27

Tgt Ion: 136 Resp: 320814
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 9.0 6.9 10.3
68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 95.873 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139230.D

Acq: 03 Sep 2024 12:27

Instrument :

BNA_F

ClientSampleId :

WELL-1

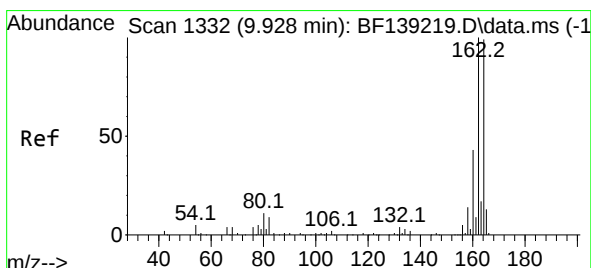
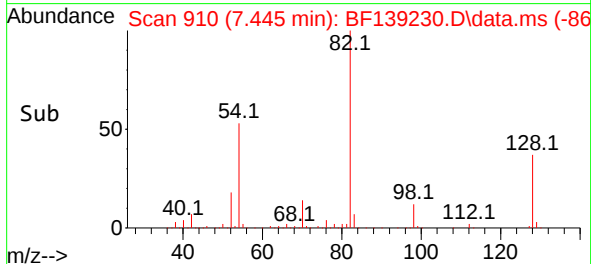
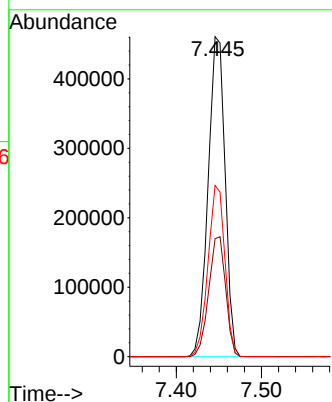
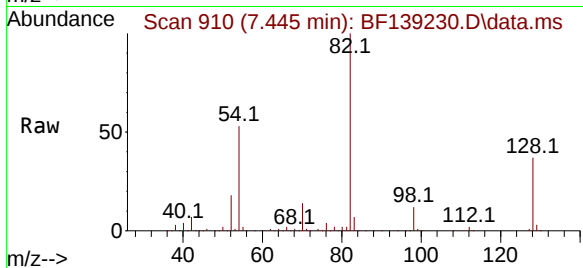
Tgt Ion: 82 Resp: 639843

Ion Ratio Lower Upper

82 100

128 36.9 29.4 44.2

54 53.5 42.4 63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF139230.D

Acq: 03 Sep 2024 12:27

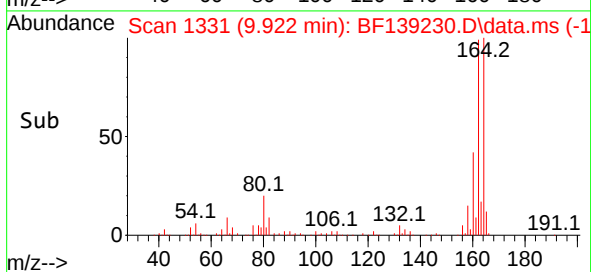
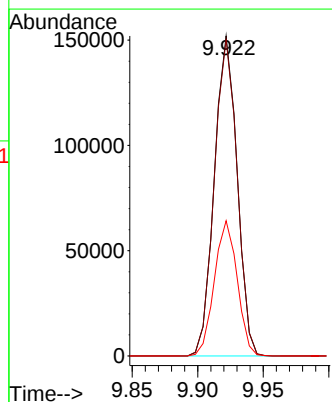
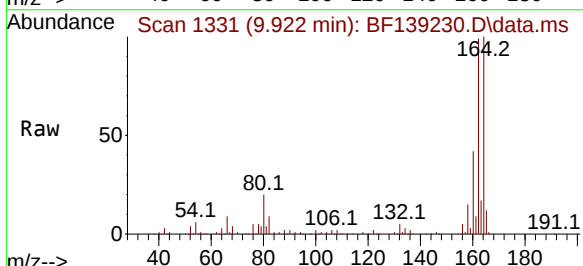
Tgt Ion:164 Resp: 183334

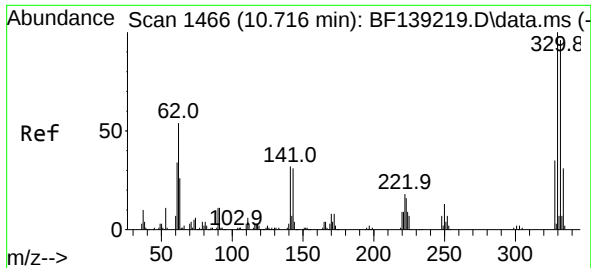
Ion Ratio Lower Upper

164 100

162 98.9 80.8 121.2

160 42.2 34.4 51.6

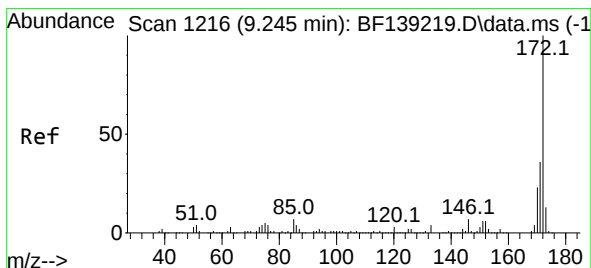
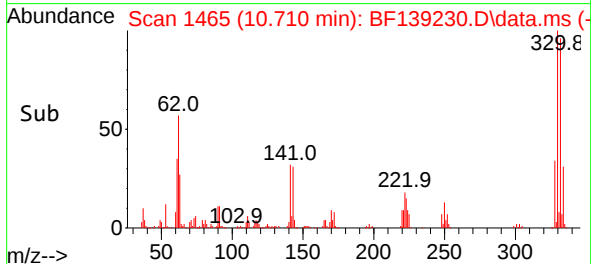
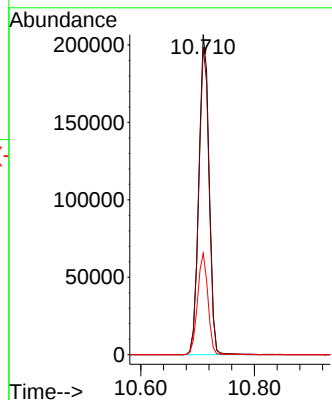
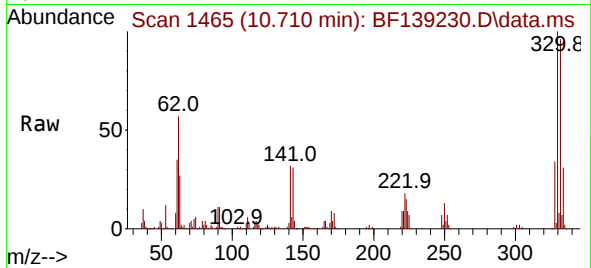




#42
2,4,6-Tribromophenol
Concen: 141.779 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139230.D
Acq: 03 Sep 2024 12:27

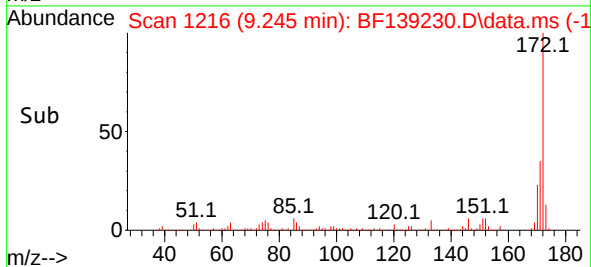
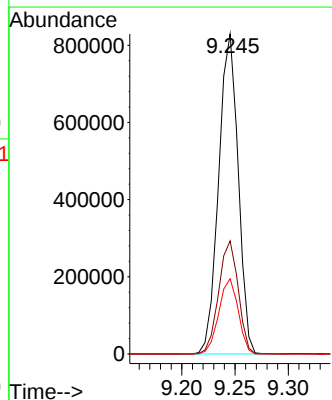
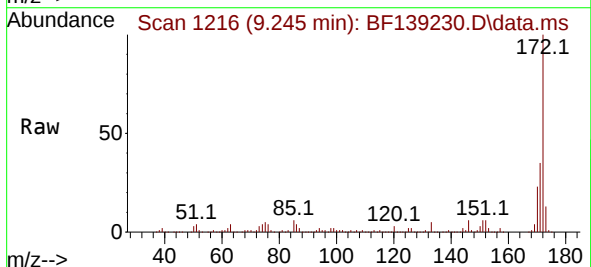
Instrument :
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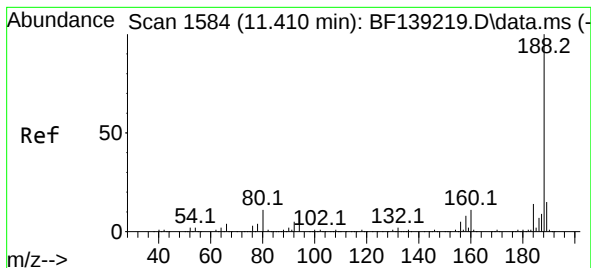
Tgt Ion:330 Resp: 260731
Ion Ratio Lower Upper
330 100
332 96.1 76.6 114.8
141 31.8 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 89.488 ng
RT: 9.245 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF139230.D
Acq: 03 Sep 2024 12:27

Tgt Ion:172 Resp: 1053677
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139230.D

Acq: 03 Sep 2024 12:27

Instrument :

BNA_F

ClientSampleId :

WELL-1

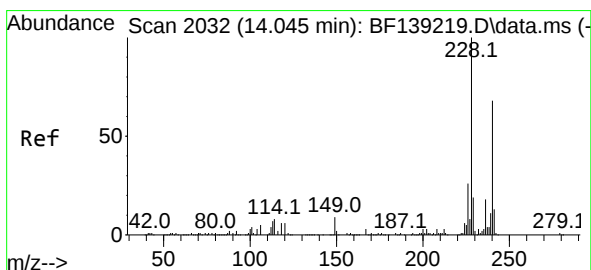
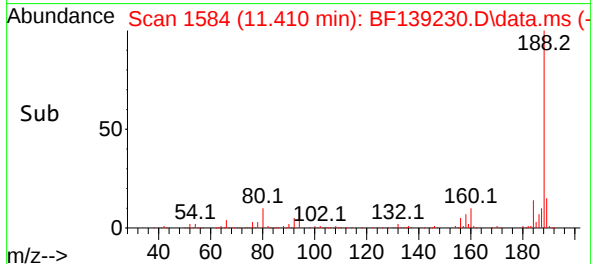
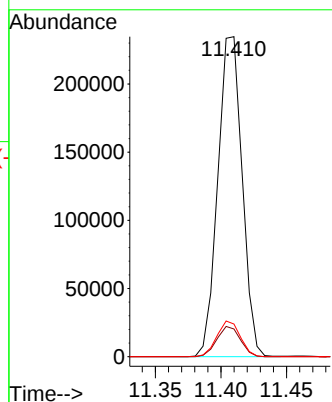
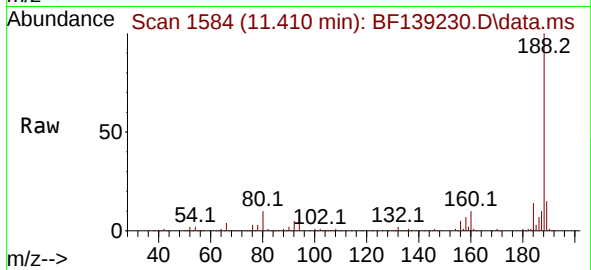
Tgt Ion:188 Resp: 303042

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

80 10.2 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF139230.D

Acq: 03 Sep 2024 12:27

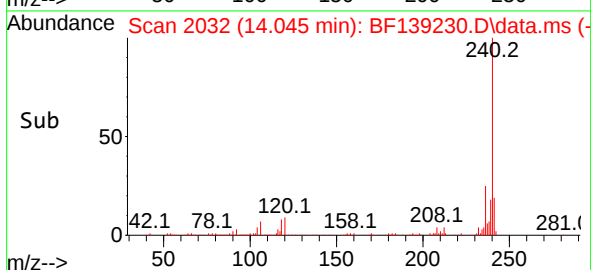
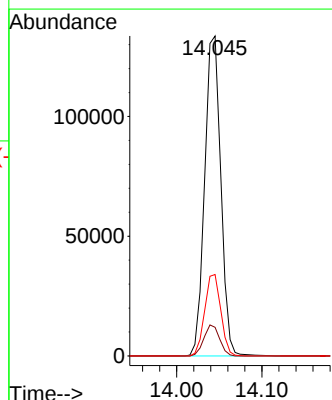
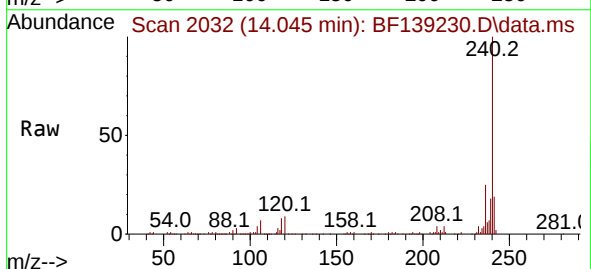
Tgt Ion:240 Resp: 176219

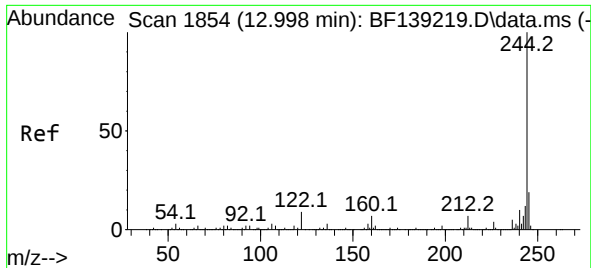
Ion Ratio Lower Upper

240 100

120 9.0 7.4 11.2

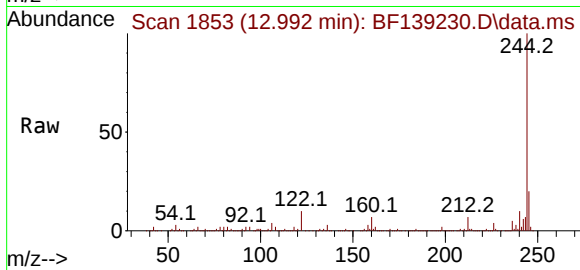
236 25.5 20.9 31.3



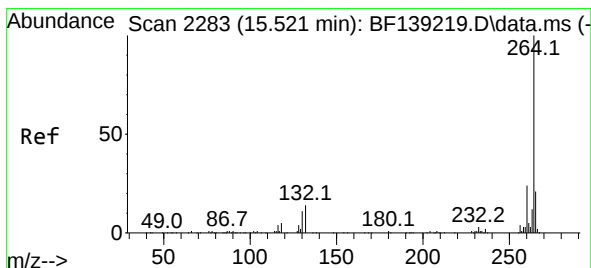
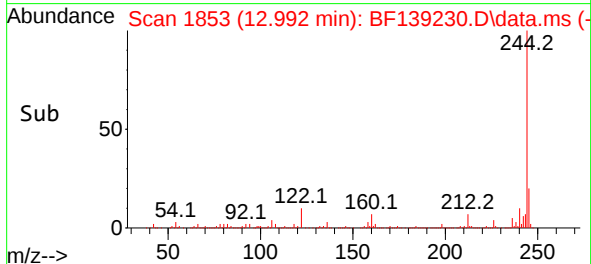
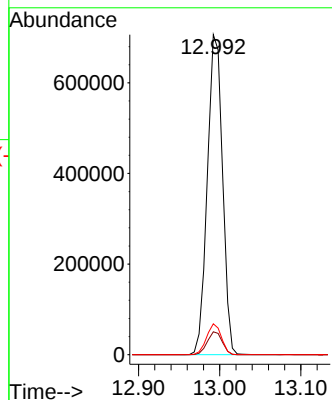


#79
Terphenyl-d14
Concen: 74.952 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF139230.D
Acq: 03 Sep 2024 12:27

Instrument :
BNA_F
ClientSampleId :
WELL-1



Tgt Ion:244 Resp: 916299
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.7 7.4 11.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF139230.D
Acq: 03 Sep 2024 12:27

Tgt Ion:264 Resp: 203328
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 20.7 16.9 25.3

