

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090324\
Data File : BF139231.D
Acq On : 03 Sep 2024 12:56
Operator : RC/JU
Sample : P3799-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WELL-2

Quant Time: Sep 04 01:56:32 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	80784	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	296610	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	164307	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	254987	20.000	ng	0.00
76) Chrysene-d12	14.045	240	160518	20.000	ng	0.00
86) Perylene-d12	15.515	264	182463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	368335	73.091	ng	0.00
7) Phenol-d6	6.504	99	336131	50.281	ng	-0.01
23) Nitrobenzene-d5	7.445	82	605996	98.211	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	226970	137.713	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	965813	91.524	ng	0.00
79) Terphenyl-d14	12.992	244	697047	62.595	ng	0.00

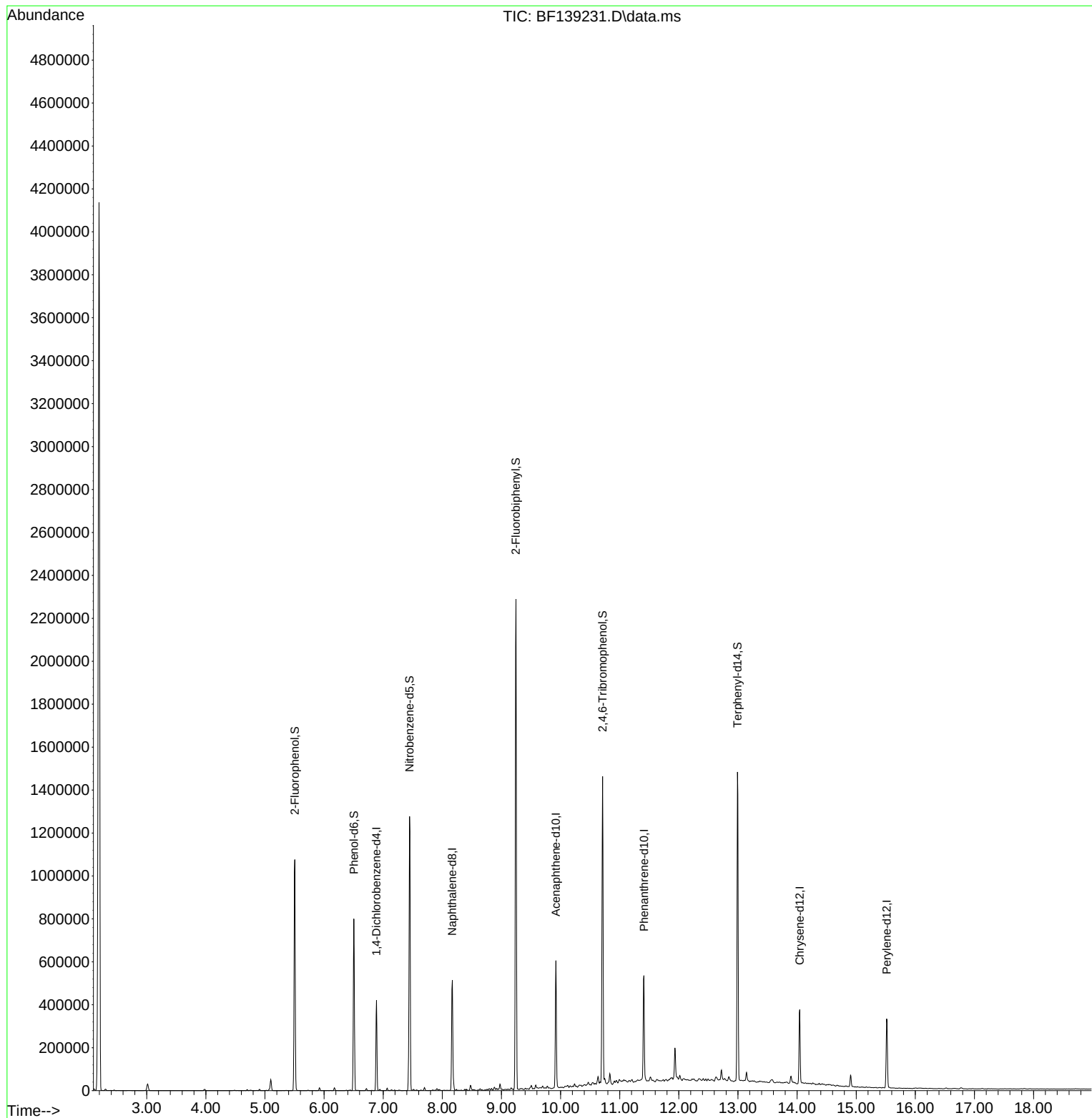
Target Compounds	Qvalue

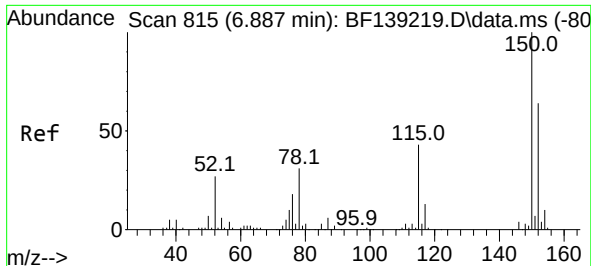
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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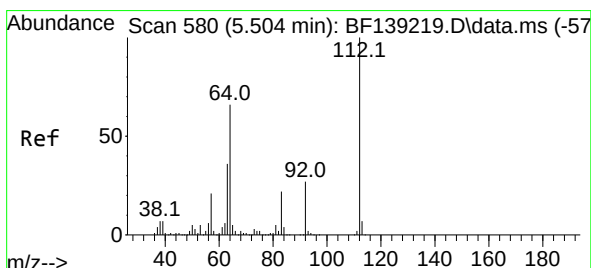
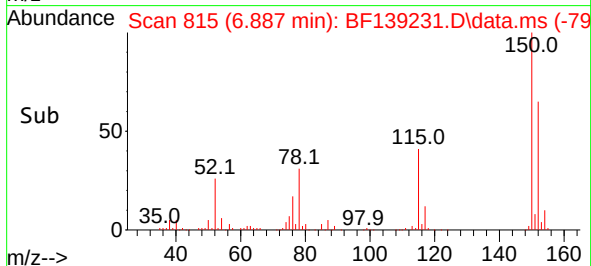
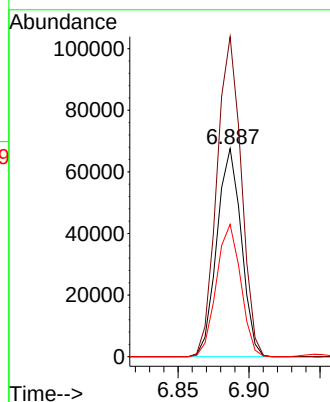
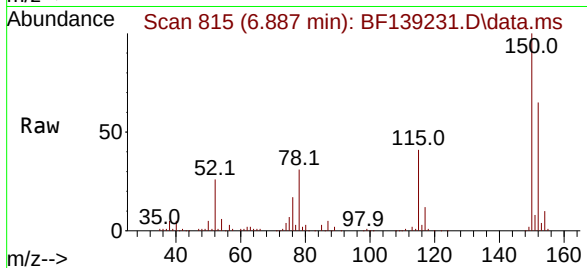




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139231.D
Acq: 03 Sep 2024 12:56

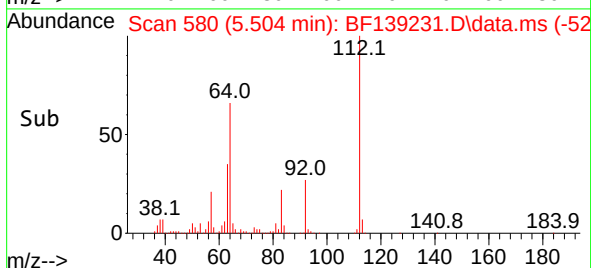
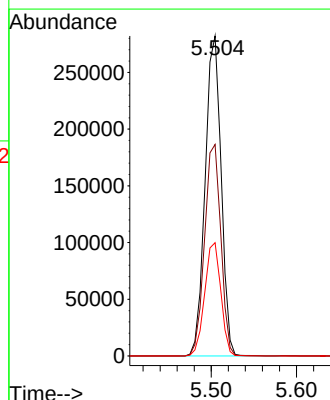
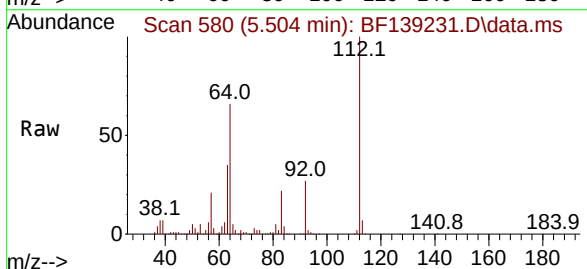
Instrument :
BNA_F
ClientSampleId :
WELL-2

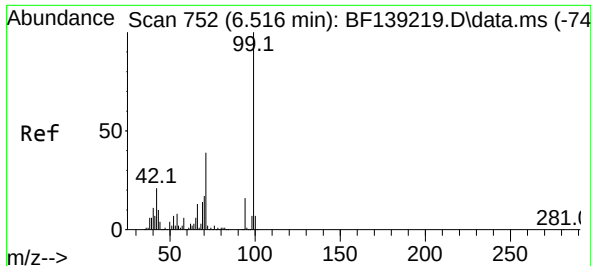
Tgt Ion:152 Resp: 80784
Ion Ratio Lower Upper
152 100
150 153.7 125.6 188.4
115 63.6 54.2 81.4



#5
2-Fluorophenol
Concen: 73.091 ng
RT: 5.504 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF139231.D
Acq: 03 Sep 2024 12:56

Tgt Ion:112 Resp: 368335
Ion Ratio Lower Upper
112 100
64 66.1 52.5 78.7
63 35.4 28.5 42.7

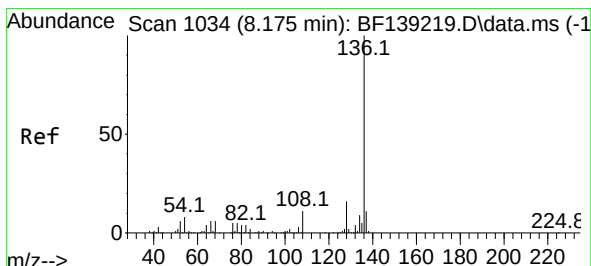
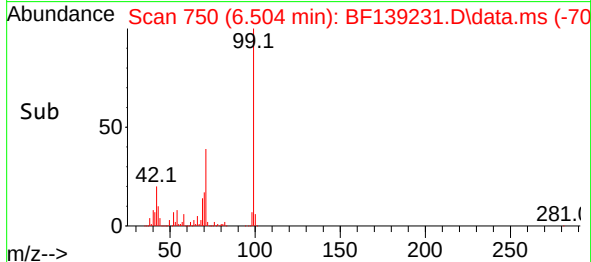
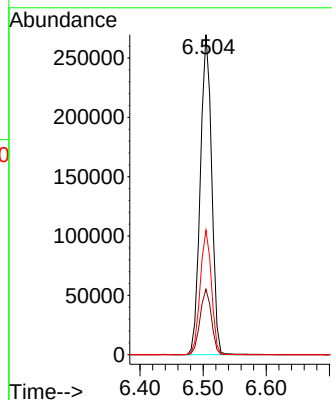
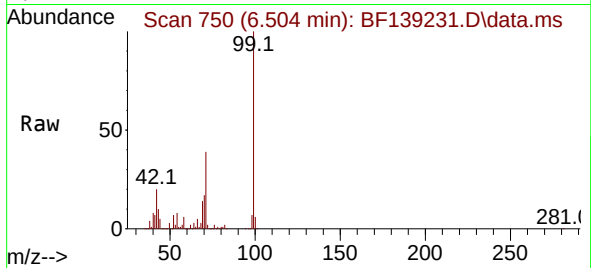




#7
Phenol-d6
Concen: 50.281 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139231.D
Acq: 03 Sep 2024 12:56

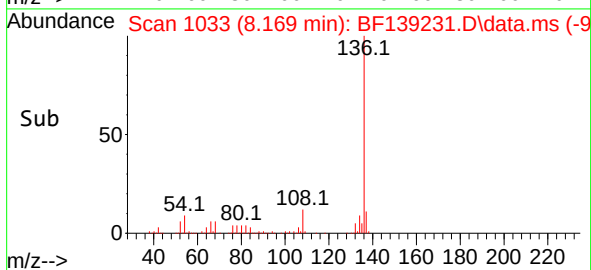
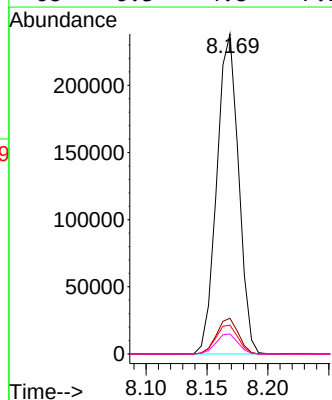
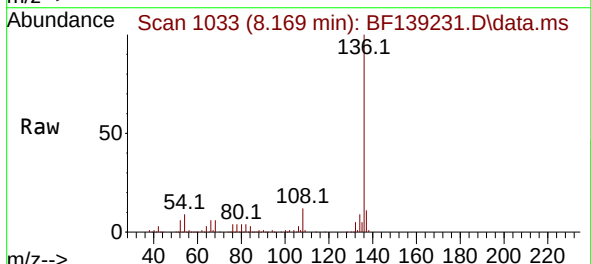
Instrument :
BNA_F
ClientSampleId :
WELL-2

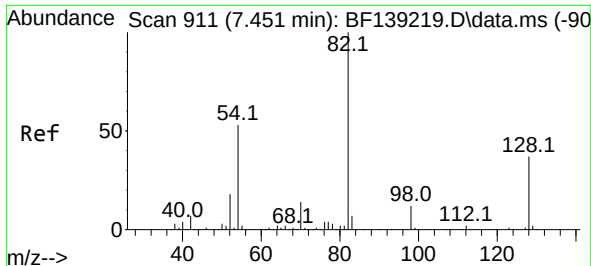
Tgt Ion: 99 Resp: 336131
Ion Ratio Lower Upper
99 100
42 20.4 16.8 25.2
71 38.9 31.3 46.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139231.D
Acq: 03 Sep 2024 12:56

Tgt Ion: 136 Resp: 296610
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 9.0 6.9 10.3
68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 98.211 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139231.D

Acq: 03 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

WELL-2

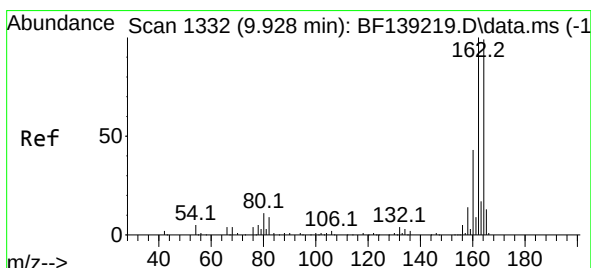
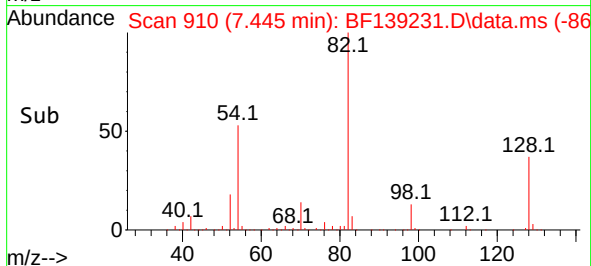
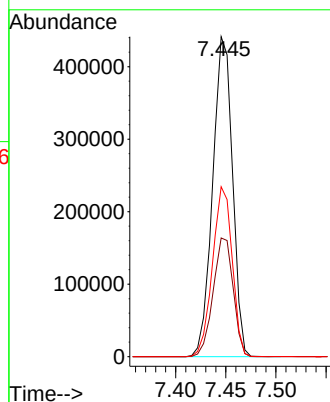
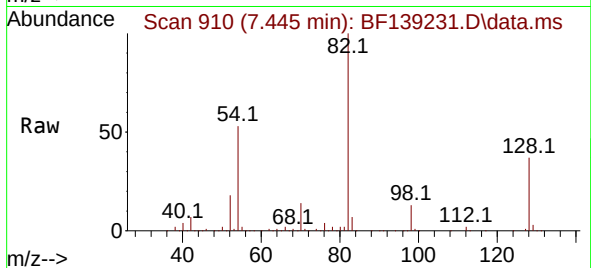
Tgt Ion: 82 Resp: 605996

Ion Ratio Lower Upper

82 100

128 37.1 29.4 44.2

54 53.1 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: BF139231.D

Acq: 03 Sep 2024 12:56

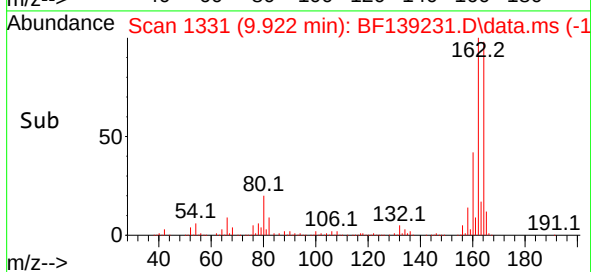
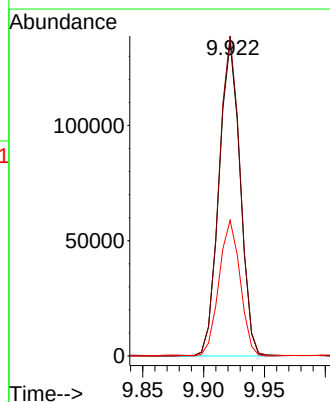
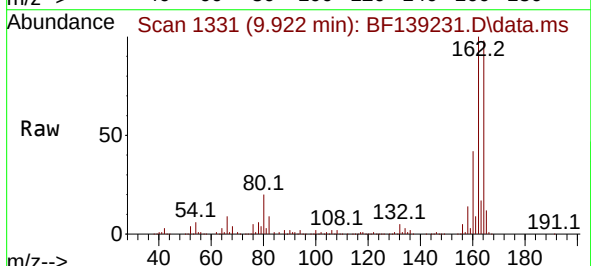
Tgt Ion:164 Resp: 164307

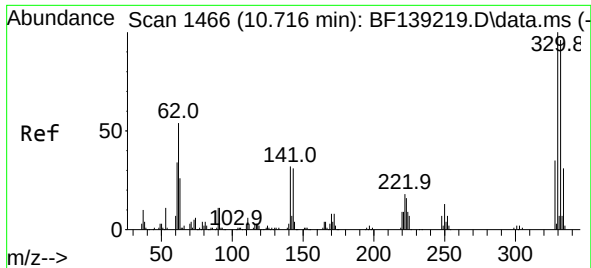
Ion Ratio Lower Upper

164 100

162 102.0 80.8 121.2

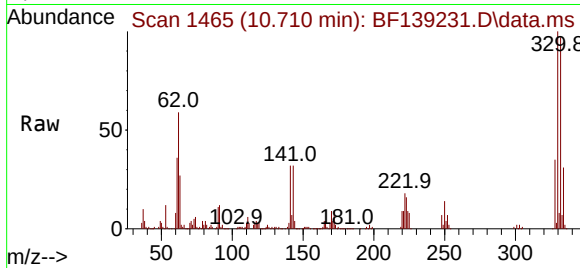
160 43.2 34.4 51.6



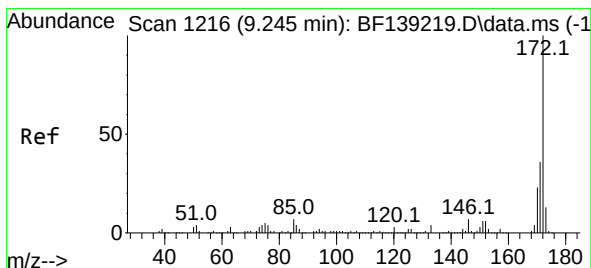
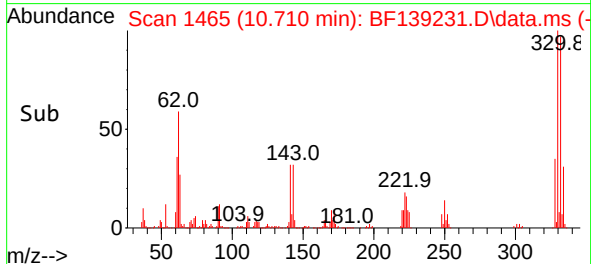
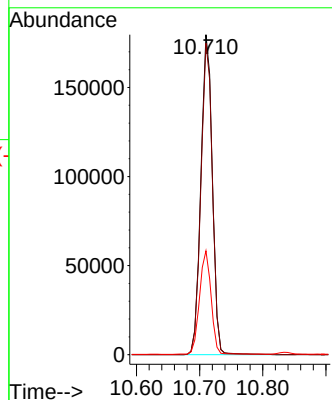


#42
2,4,6-Tribromophenol
Concen: 137.713 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139231.D
Acq: 03 Sep 2024 12:56

Instrument :
BNA_F
ClientSampleId :
WELL-2

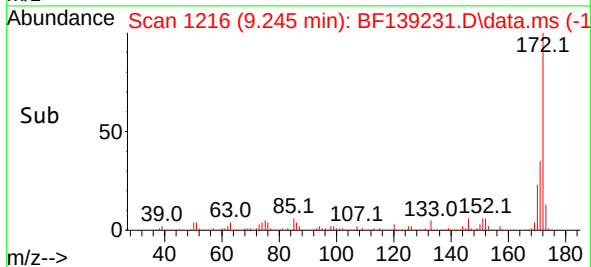
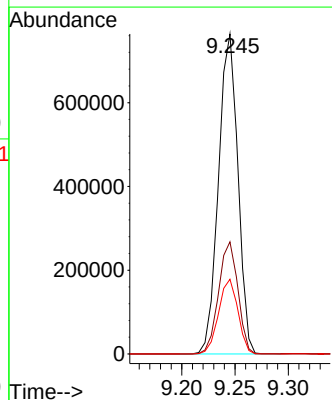
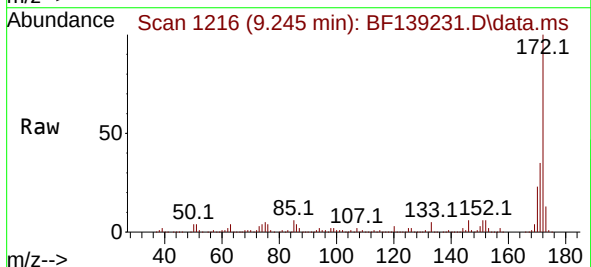


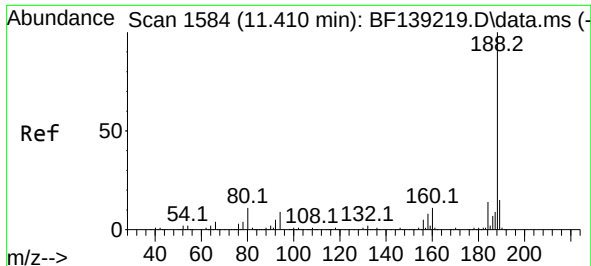
Tgt Ion:330 Resp: 226970
Ion Ratio Lower Upper
330 100
332 97.4 76.6 114.8
141 32.5 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 91.524 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF139231.D
Acq: 03 Sep 2024 12:56

Tgt Ion:172 Resp: 965813
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 23.4 18.7 28.1

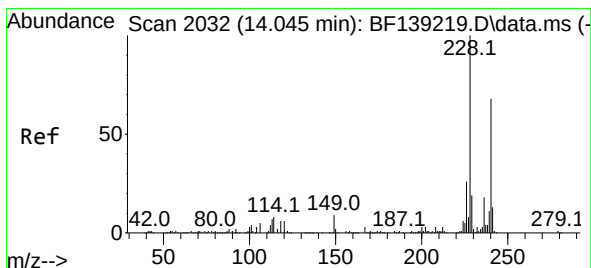
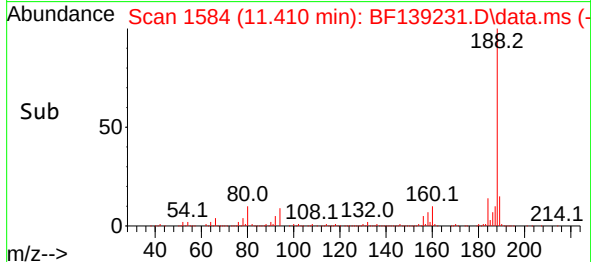
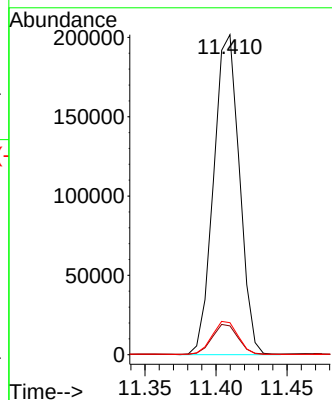
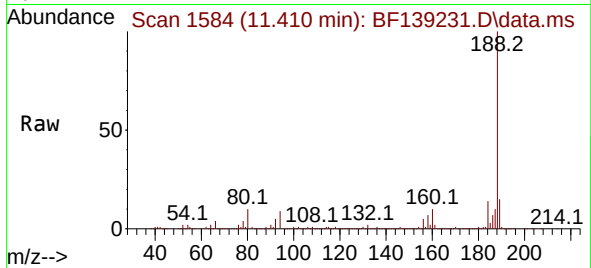




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139231.D
Acq: 03 Sep 2024 12:56

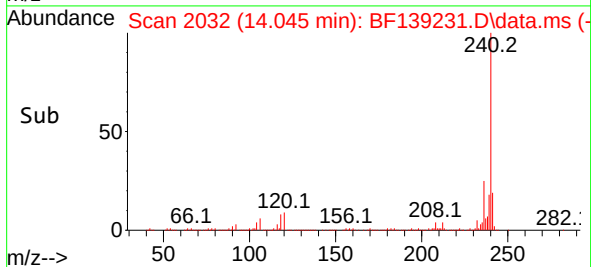
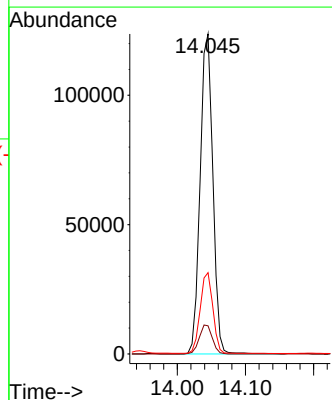
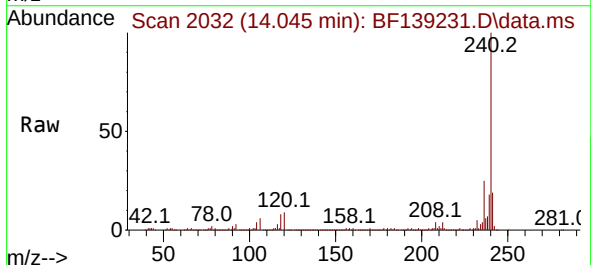
Instrument :
BNA_F
ClientSampleId :
WELL-2

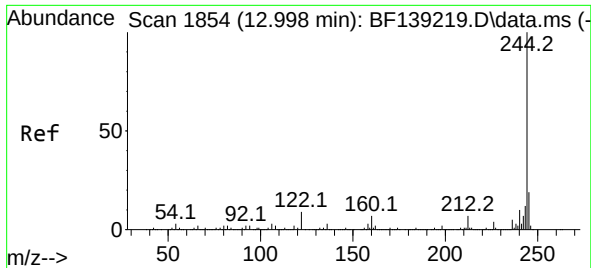
Tgt Ion:188 Resp: 254987
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 10.0 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF139231.D
Acq: 03 Sep 2024 12:56

Tgt Ion:240 Resp: 160518
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.2
236 25.4 20.9 31.3

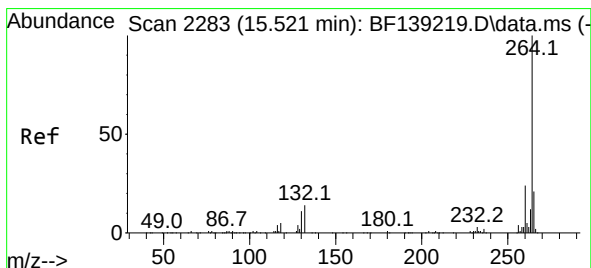
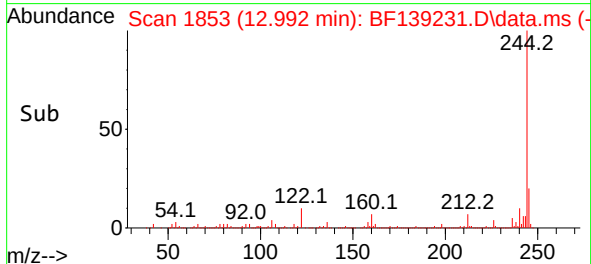
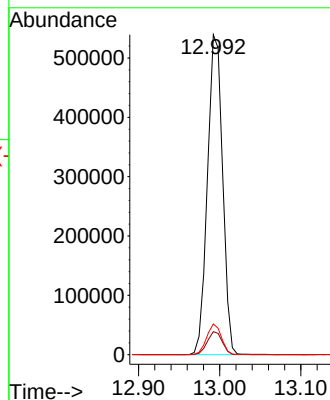
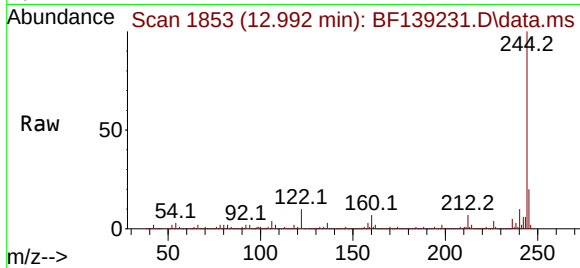




#79
 Terphenyl-d14
 Concen: 62.595 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF139231.D
 Acq: 03 Sep 2024 12:56

Instrument :
 BNA_F
 ClientSampleId :
 WELL-2

Tgt Ion:244 Resp: 697047
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 9.6 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: BF139231.D
 Acq: 03 Sep 2024 12:56

Tgt Ion:264 Resp: 182463
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.4 16.9 25.3

