

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090324\
 Data File : BF139232.D
 Acq On : 03 Sep 2024 13:25
 Operator : RC/JU
 Sample : P3799-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WELL-4

Quant Time: Sep 04 01:56:48 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	78736	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	298298	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	169220	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	278175	20.000	ng	0.00
76) Chrysene-d12	14.045	240	154456	20.000	ng	0.00
86) Perylene-d12	15.516	264	179337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	359443	73.182	ng	0.00
7) Phenol-d6	6.504	99	328955	50.488	ng	-0.01
23) Nitrobenzene-d5	7.445	82	643305	103.668	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	251789	148.336	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1034861	95.220	ng	0.00
79) Terphenyl-d14	12.992	244	850694	79.390	ng	0.00

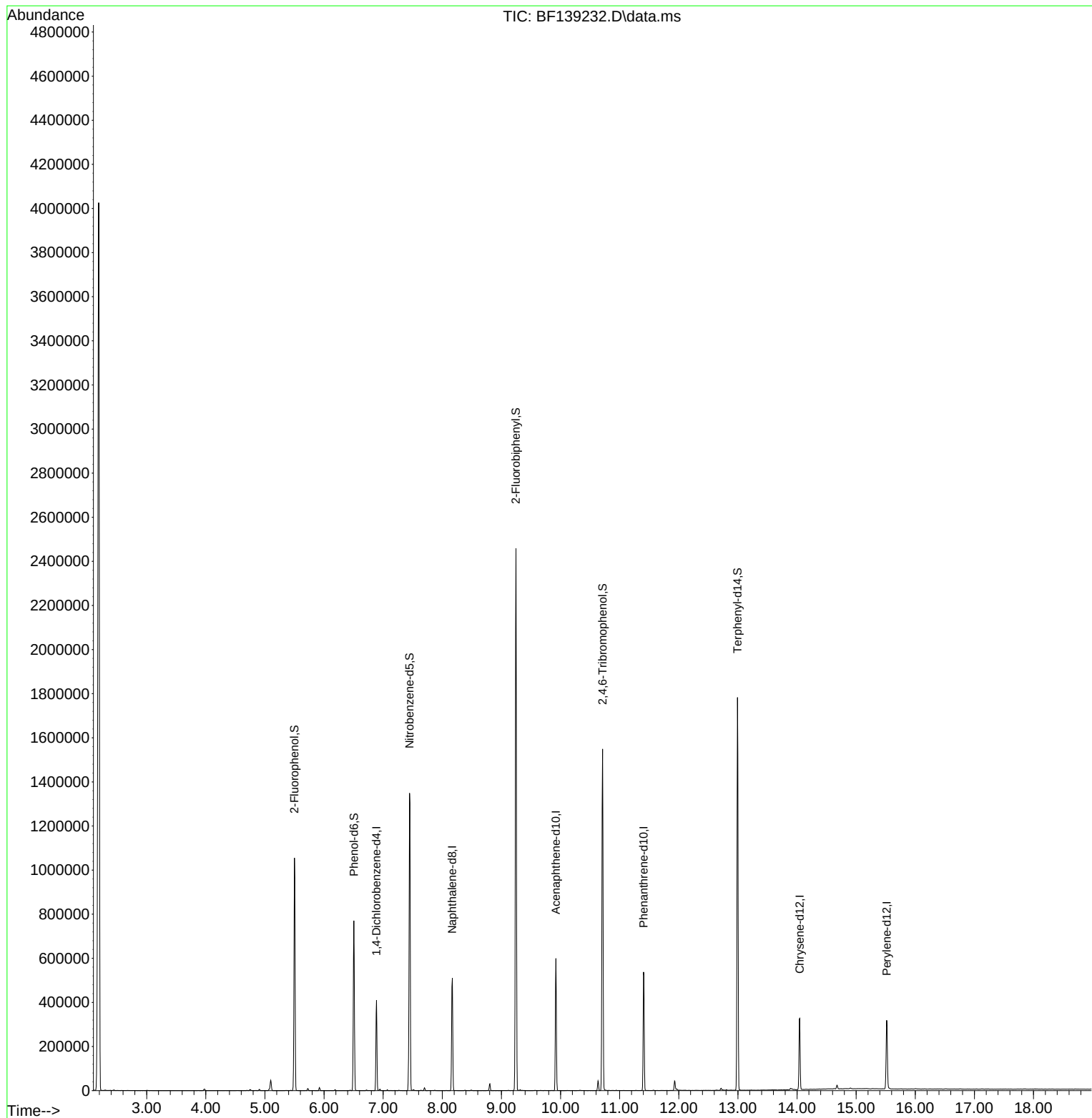
Target Compounds	Qvalue

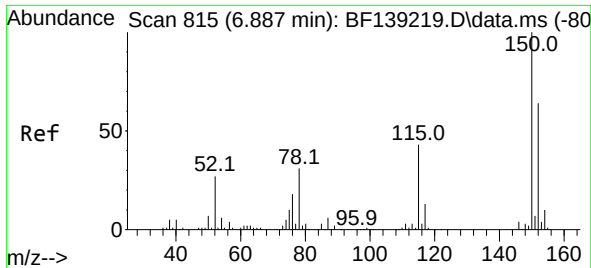
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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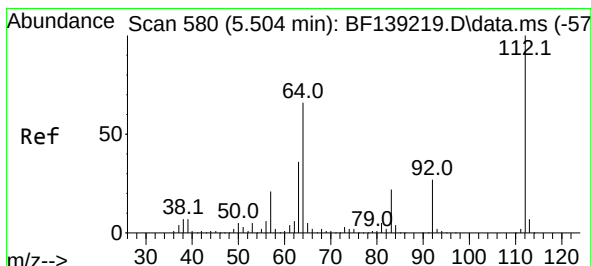
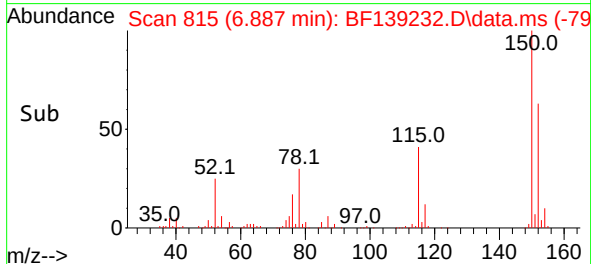
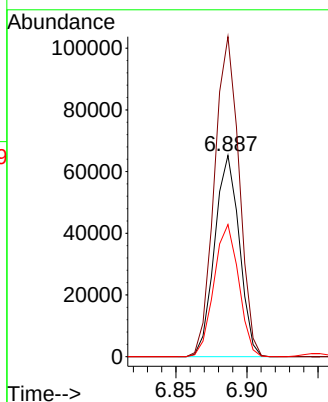
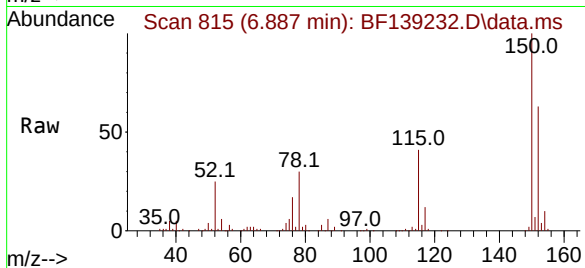




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139232.D
Acq: 03 Sep 2024 13:25

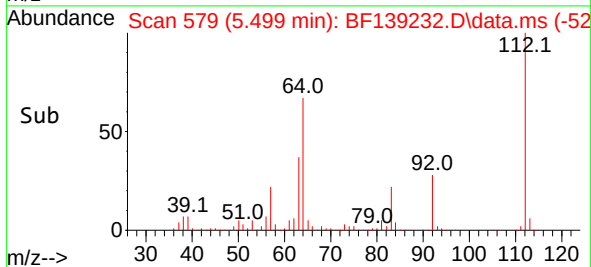
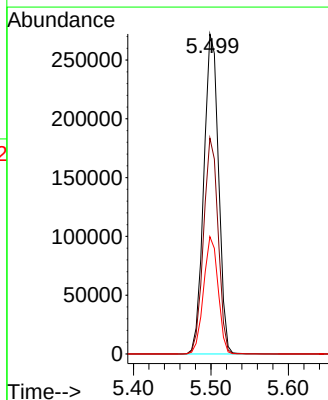
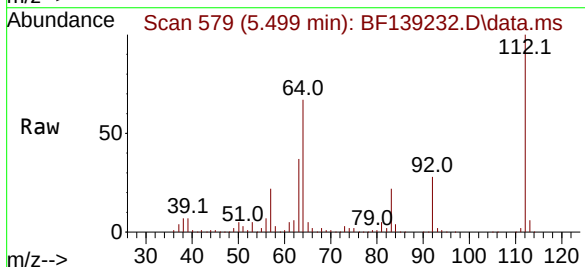
Instrument :
BNA_F
ClientSampleId :
WELL-4

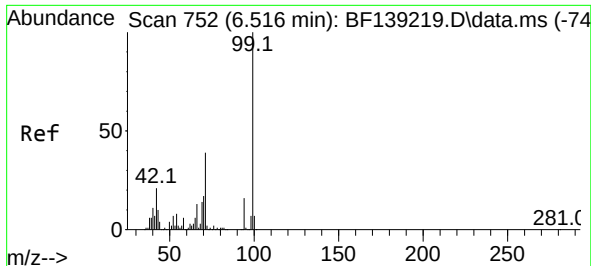
Tgt Ion:152 Resp: 78736
Ion Ratio Lower Upper
152 100
150 159.0 125.6 188.4
115 65.6 54.2 81.4



#5
2-Fluorophenol
Concen: 73.182 ng
RT: 5.499 min Scan# 579
Delta R.T. -0.006 min
Lab File: BF139232.D
Acq: 03 Sep 2024 13:25

Tgt Ion:112 Resp: 359443
Ion Ratio Lower Upper
112 100
64 67.5 52.5 78.7
63 36.7 28.5 42.7

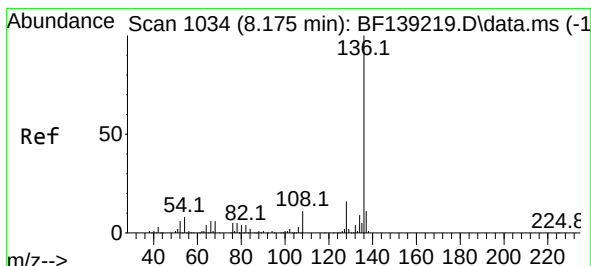
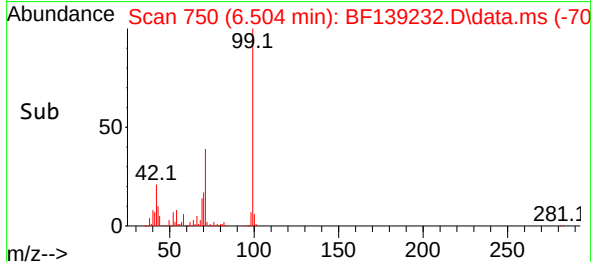
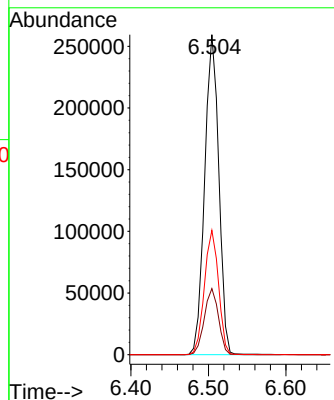
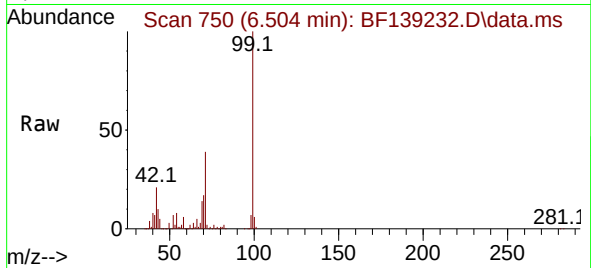




#7
Phenol-d6
Concen: 50.488 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139232.D
Acq: 03 Sep 2024 13:25

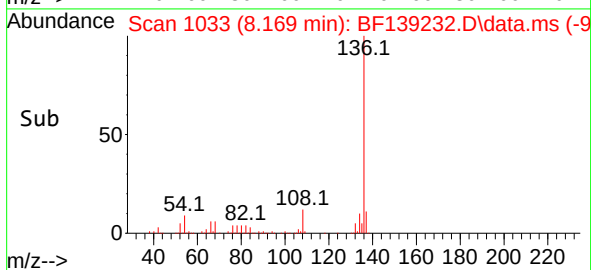
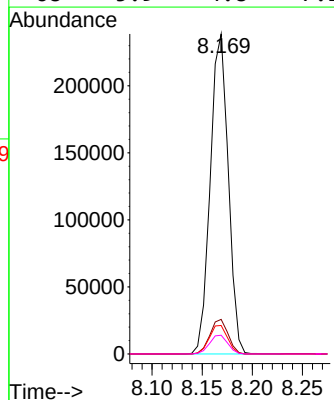
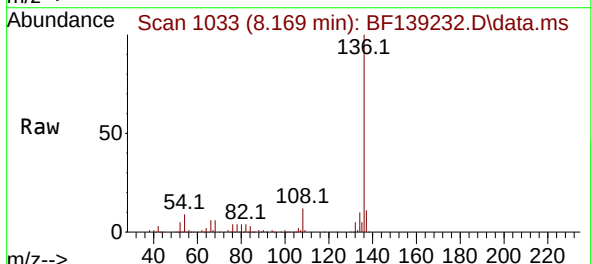
Instrument :
BNA_F
ClientSampleId :
WELL-4

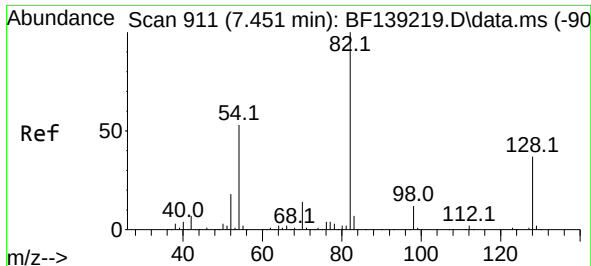
Tgt Ion:	99	Resp:	328955
Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.8	25.2
71	38.9	31.3	46.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139232.D
Acq: 03 Sep 2024 13:25

Tgt Ion:	136	Resp:	298298
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.9	6.9	10.3
68	5.9	4.8	7.2





#23

Nitrobenzene-d5

Concen: 103.668 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139232.D

Acq: 03 Sep 2024 13:25

Instrument :

BNA_F

ClientSampleId :

WELL-4

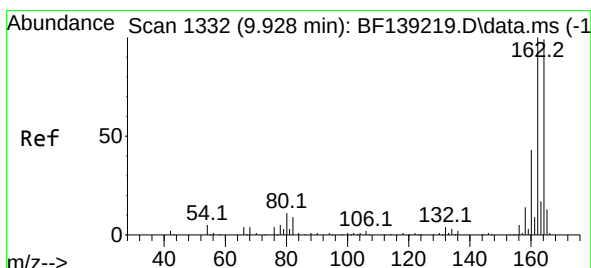
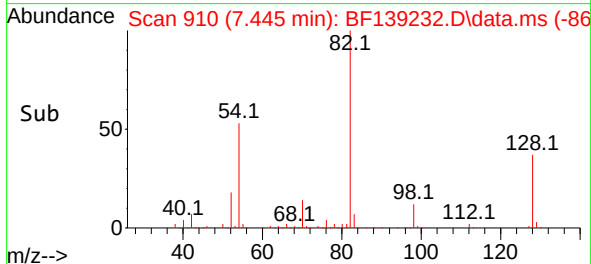
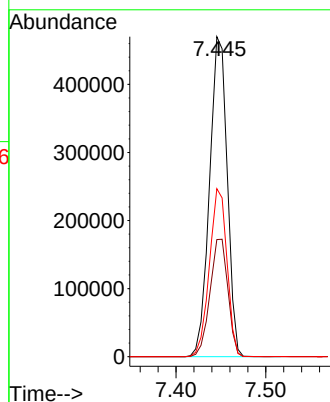
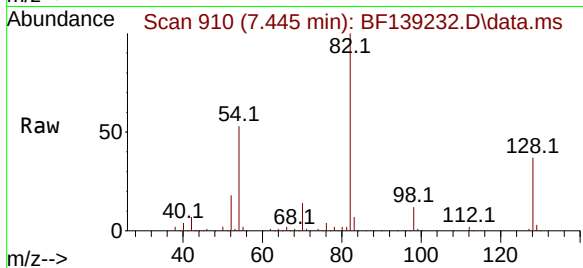
Tgt Ion: 82 Resp: 643305

Ion Ratio Lower Upper

82 100

128 36.6 29.4 44.2

54 52.5 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: BF139232.D

Acq: 03 Sep 2024 13:25

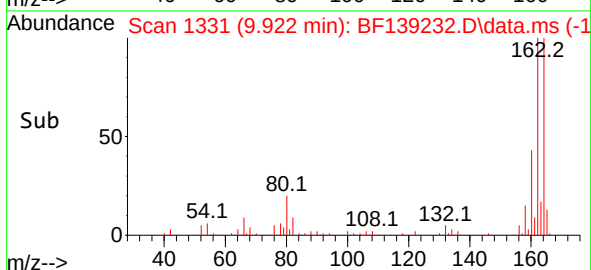
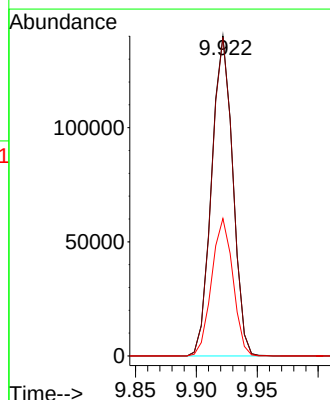
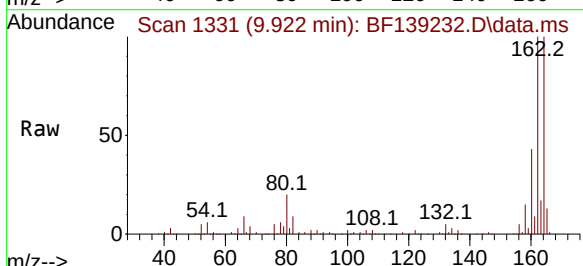
Tgt Ion:164 Resp: 169220

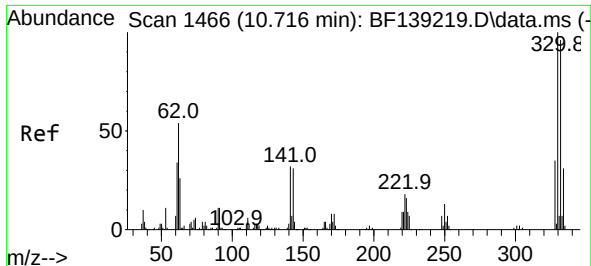
Ion Ratio Lower Upper

164 100

162 99.5 80.8 121.2

160 43.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 148.336 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139232.D

Acq: 03 Sep 2024 13:25

Instrument :

BNA_F

ClientSampleId :

WELL-4

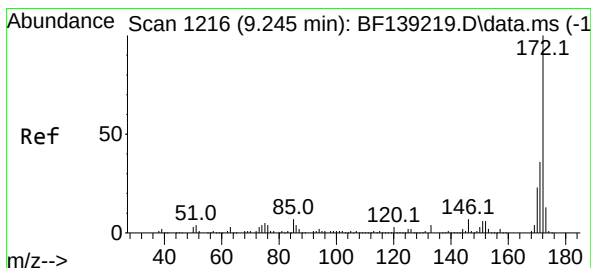
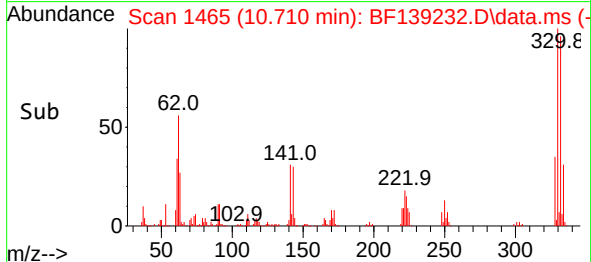
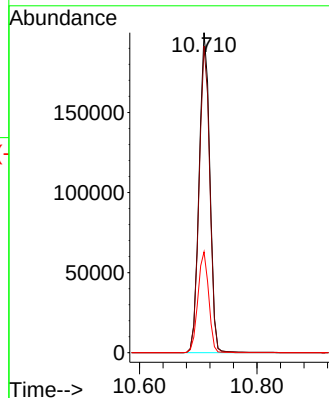
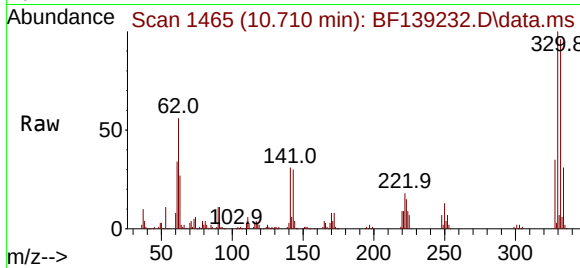
Tgt Ion:330 Resp: 251789

Ion Ratio Lower Upper

330 100

332 95.7 76.6 114.8

141 31.7 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 95.220 ng

RT: 9.245 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF139232.D

Acq: 03 Sep 2024 13:25

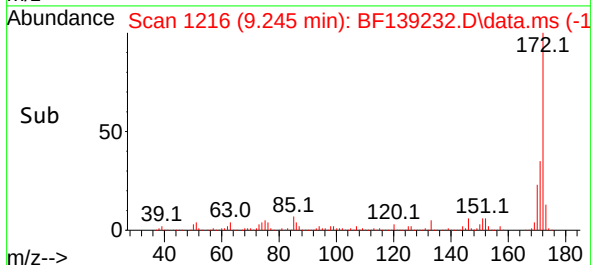
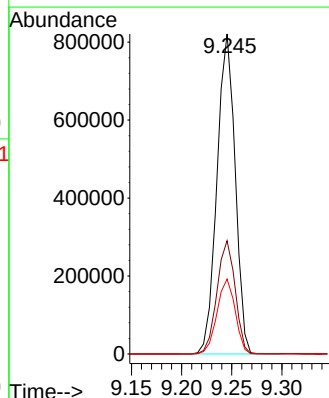
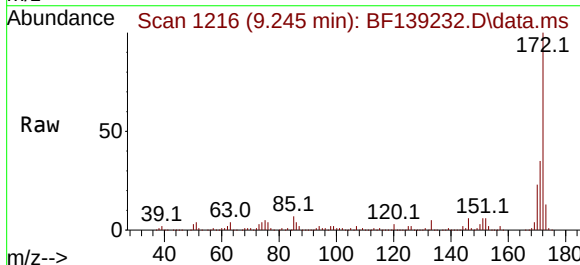
Tgt Ion:172 Resp: 1034861

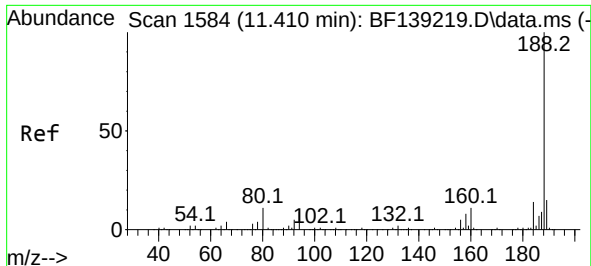
Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 23.4 18.7 28.1

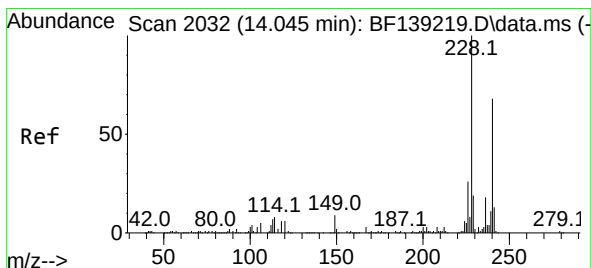
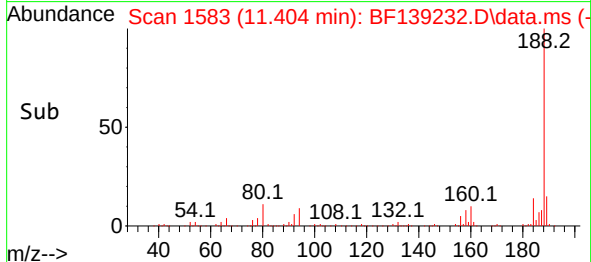
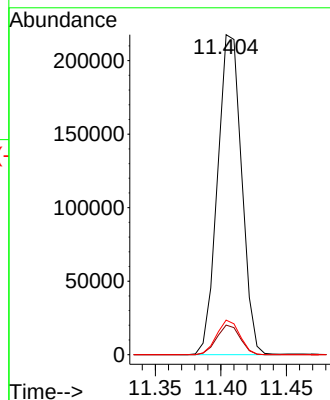
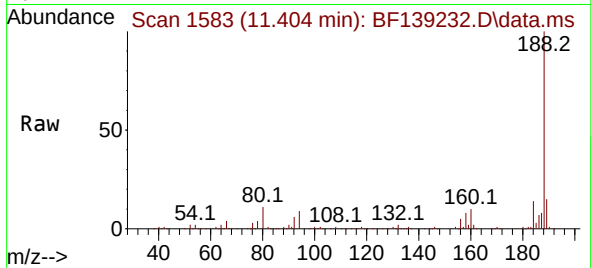




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139232.D
Acq: 03 Sep 2024 13:25

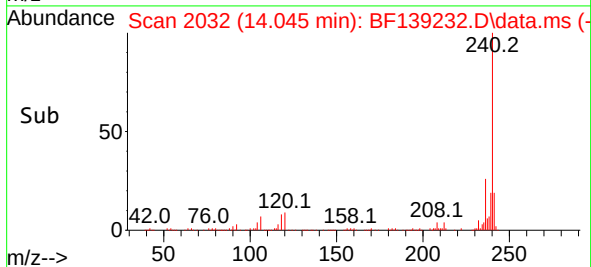
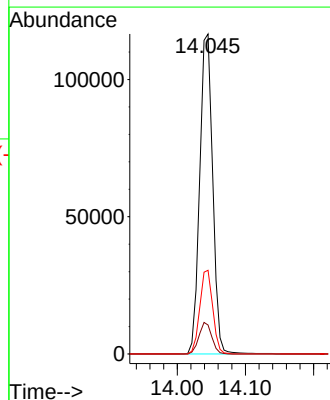
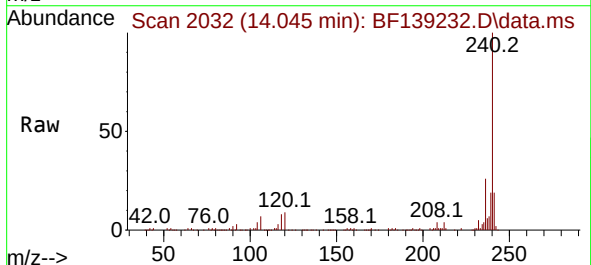
Instrument :
BNA_F
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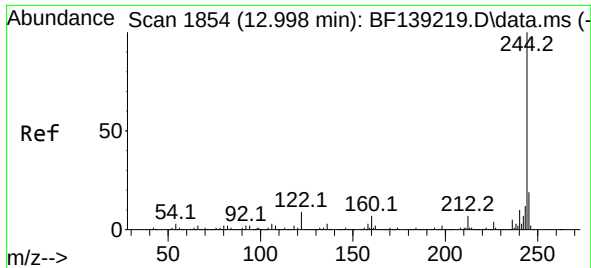
Tgt Ion:188 Resp: 278175
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.8 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF139232.D
Acq: 03 Sep 2024 13:25

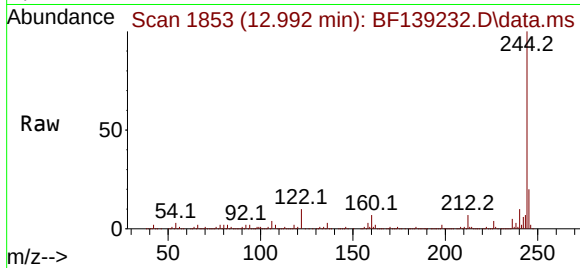
Tgt Ion:240 Resp: 154456
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.2
236 26.1 20.9 31.3



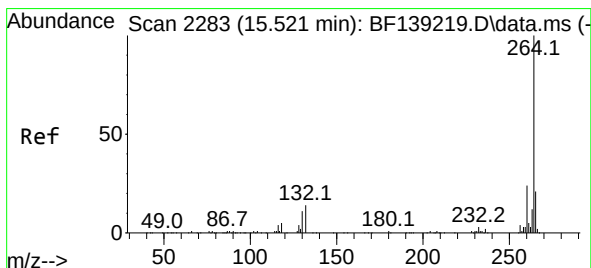
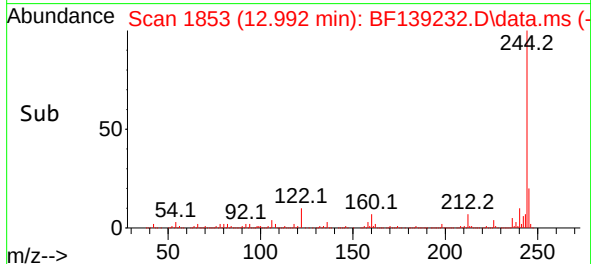
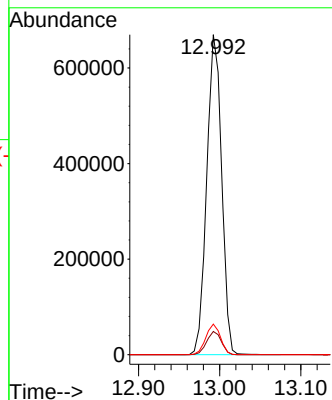


#79
Terphenyl-d14
Concen: 79.390 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF139232.D
Acq: 03 Sep 2024 13:25

Instrument :
BNA_F
ClientSampleId :
WELL-4



Tgt Ion:244 Resp: 850694
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 9.6 7.4 11.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.516 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF139232.D
Acq: 03 Sep 2024 13:25

Tgt Ion:264 Resp: 179337
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 22.3 16.9 25.3

