

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
Data File : BF139176.D
Acq On : 27 Aug 2024 09:33
Operator : RC/JU
Sample : PB162936BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB162936BL

Quant Time: Aug 27 11:15:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 02:51:47 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	122667	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	469284	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	273305	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	483545	20.000	ng	0.00
76) Chrysene-d12	14.045	240	311222	20.000	ng	0.00
86) Perylene-d12	15.521	264	246953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	924528	126.647	ng	0.02
7) Phenol-d6	6.516	99	1208922	120.667	ng	0.00
23) Nitrobenzene-d5	7.451	82	790930	93.371	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	311296	132.991	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1356313	77.087	ng	0.00
79) Terphenyl-d14	12.998	244	1560216	78.222	ng	0.00

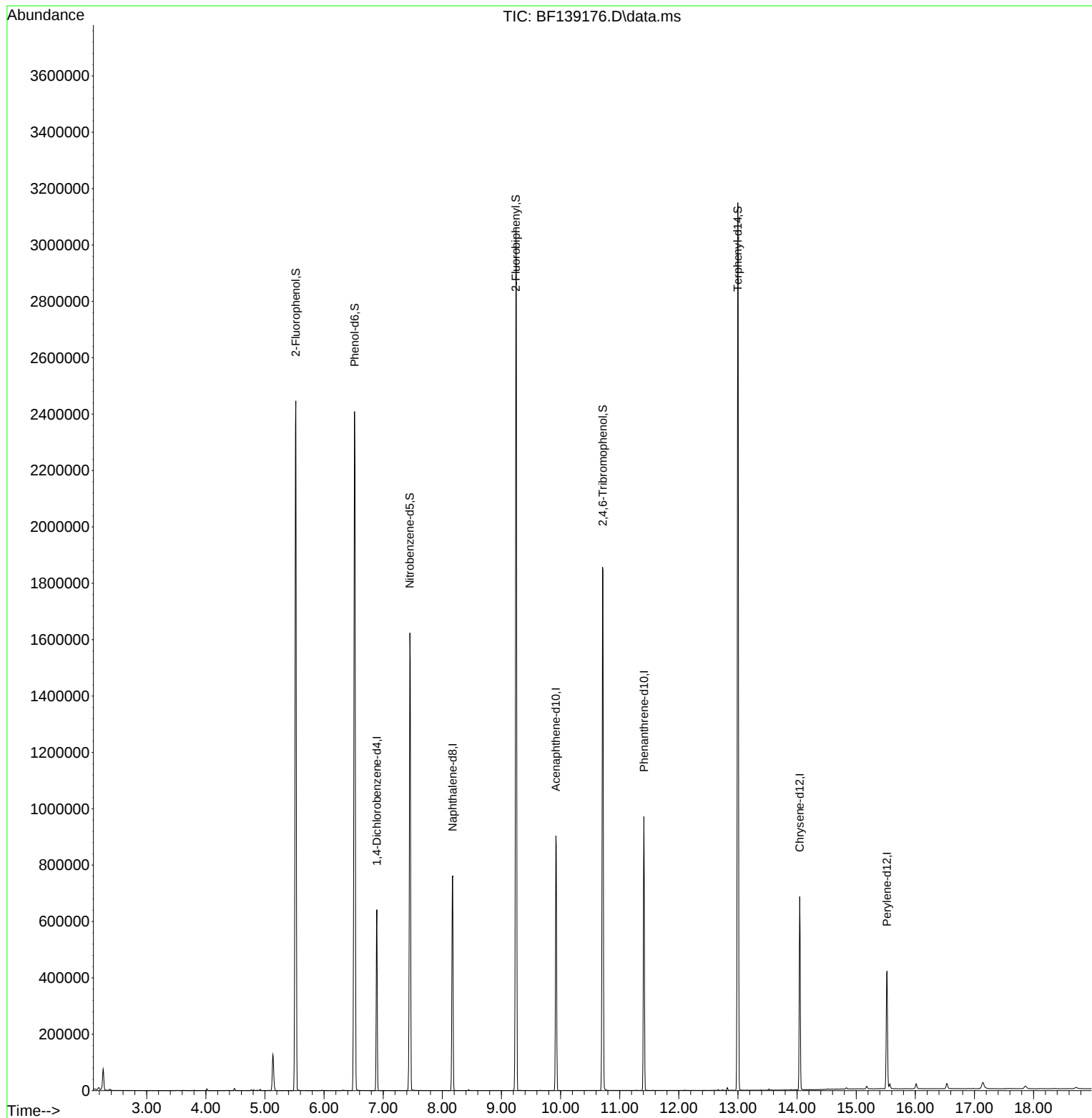
Target Compounds	Qvalue

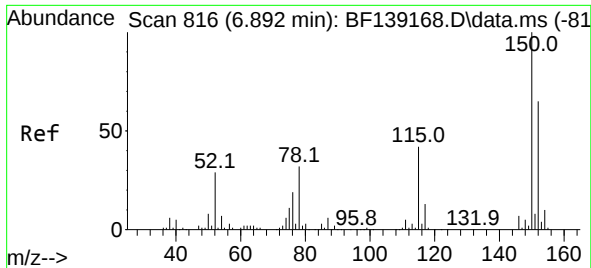
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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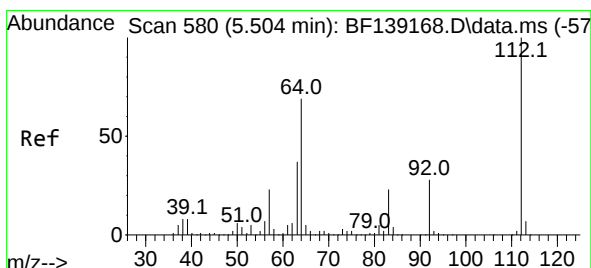
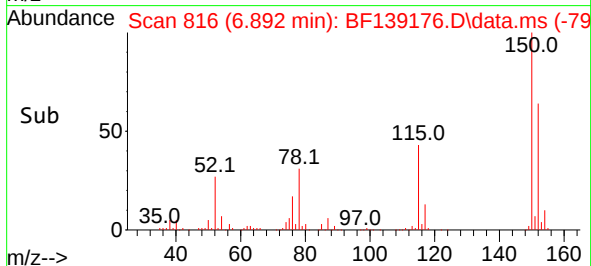
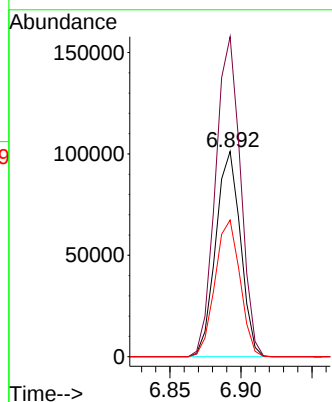
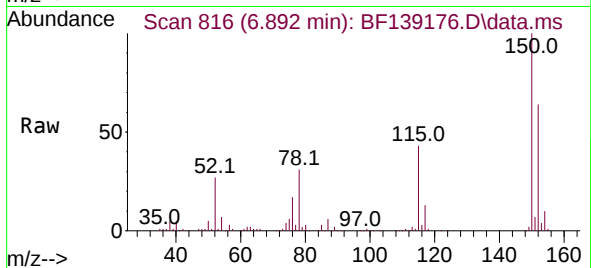




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139176.D
Acq: 27 Aug 2024 09:33

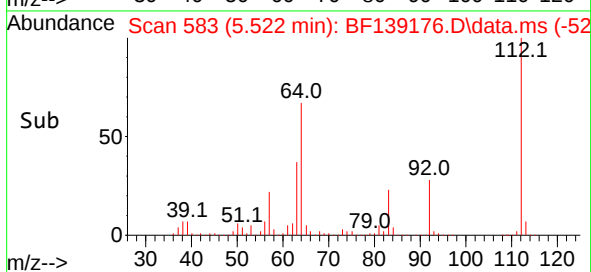
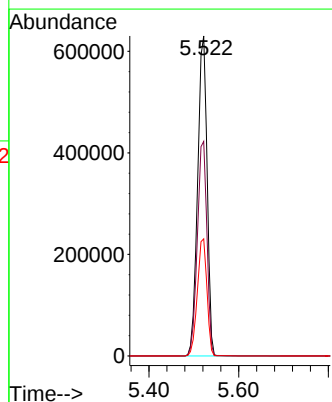
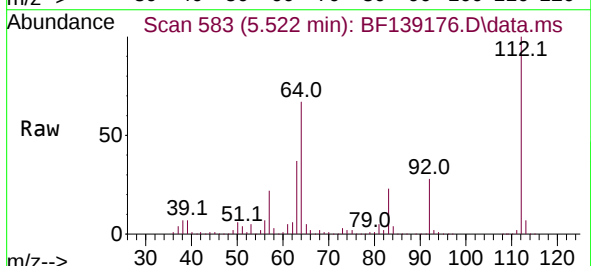
Instrument :
BNA_F
ClientSampleId :
PB162936BL

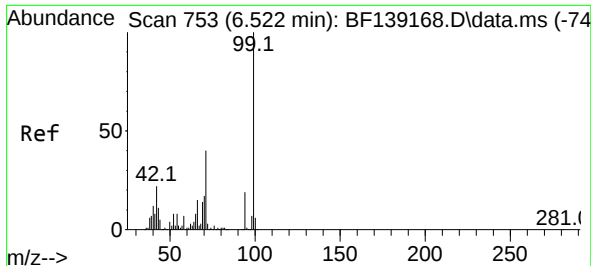
Tgt Ion:152 Resp: 122667
Ion Ratio Lower Upper
152 100
150 155.9 123.7 185.5
115 66.5 51.8 77.8



#5
2-Fluorophenol
Concen: 126.647 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF139176.D
Acq: 27 Aug 2024 09:33

Tgt Ion:112 Resp: 924528
Ion Ratio Lower Upper
112 100
64 67.1 55.5 83.3
63 36.6 29.8 44.6



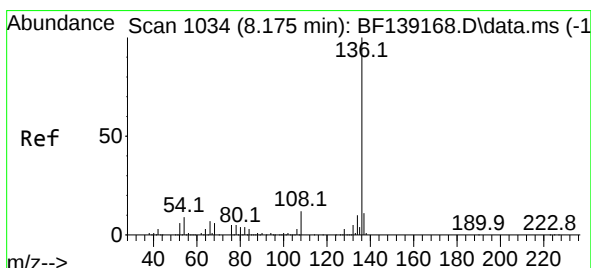
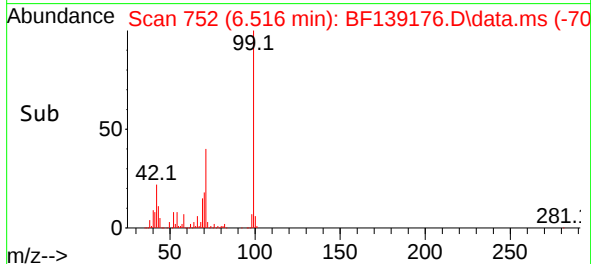
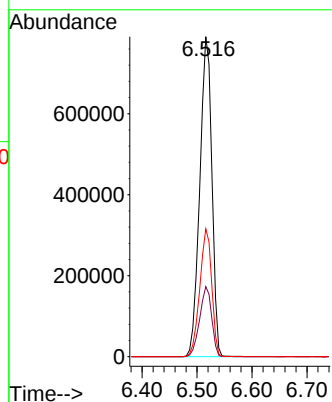
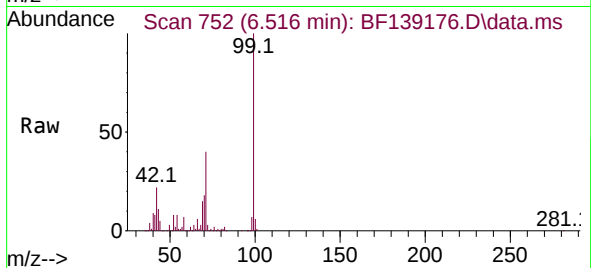


#7
Phenol-d6
Concen: 120.667 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139176.D
Acq: 27 Aug 2024 09:33

Instrument :
BNA_F
ClientSampleId :
PB162936BL

Tgt Ion: 99 Resp: 1208922

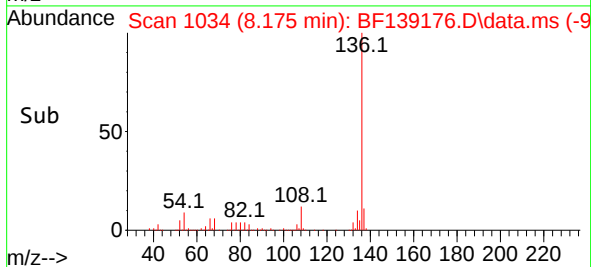
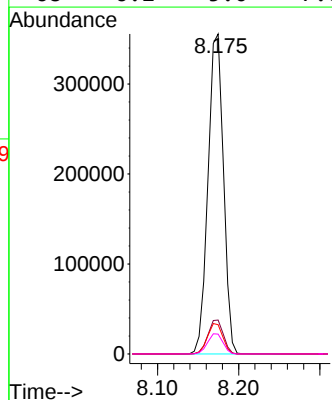
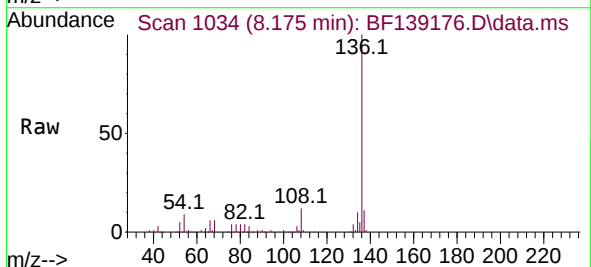
Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.9	26.9
71	40.0	31.7	47.5

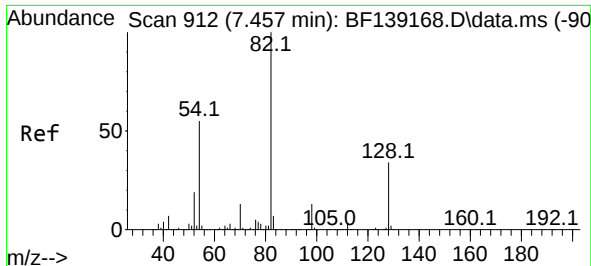


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139176.D
Acq: 27 Aug 2024 09:33

Tgt Ion: 136 Resp: 469284

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.1	7.6	11.4
68	6.2	5.0	7.6





#23

Nitrobenzene-d5

Concen: 93.371 ng

RT: 7.451 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF139176.D

Acq: 27 Aug 2024 09:33

Instrument :

BNA_F

ClientSampleId :

PB162936BL

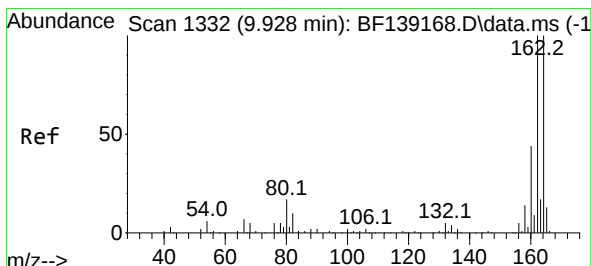
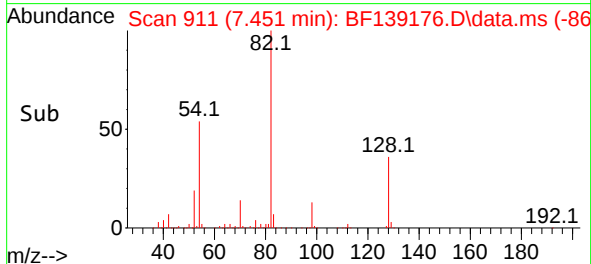
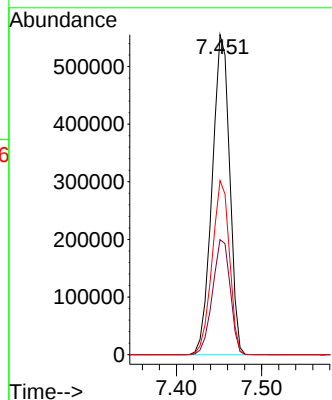
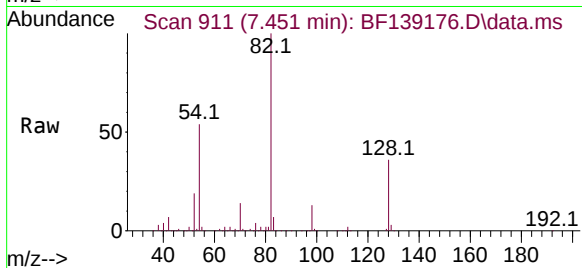
Tgt Ion: 82 Resp: 790930

Ion Ratio Lower Upper

82 100

128 36.0 27.1 40.7

54 54.4 44.2 66.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF139176.D

Acq: 27 Aug 2024 09:33

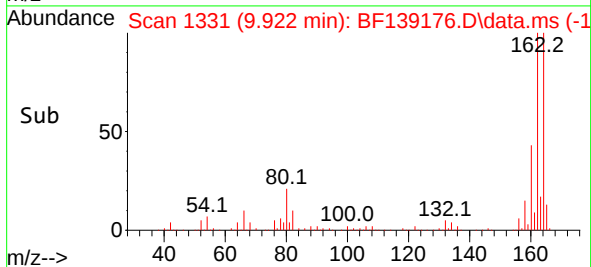
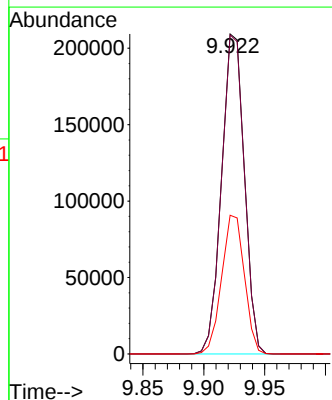
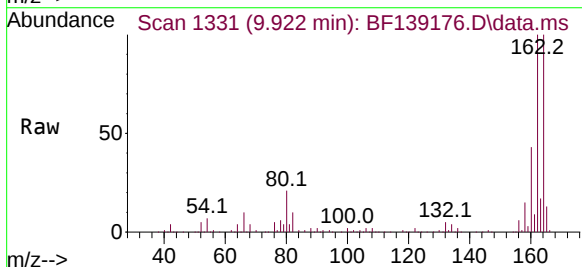
Tgt Ion:164 Resp: 273305

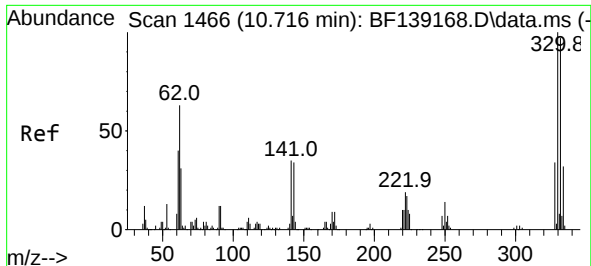
Ion Ratio Lower Upper

164 100

162 99.7 80.0 120.0

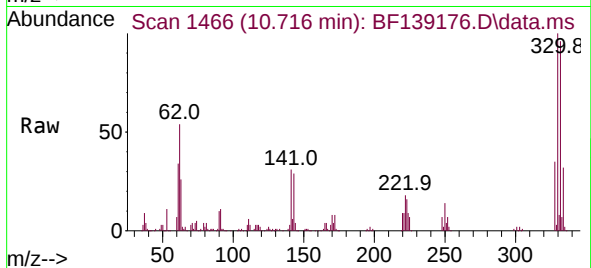
160 43.4 35.0 52.6



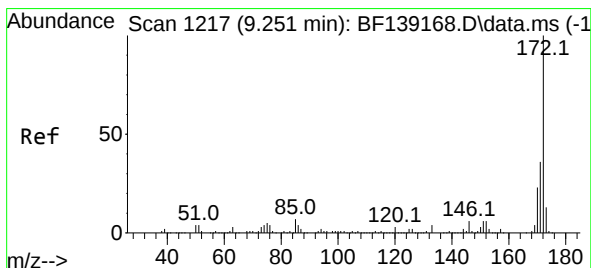
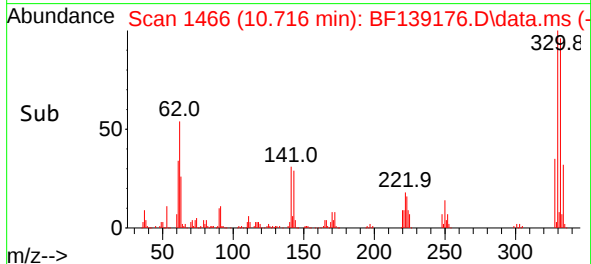
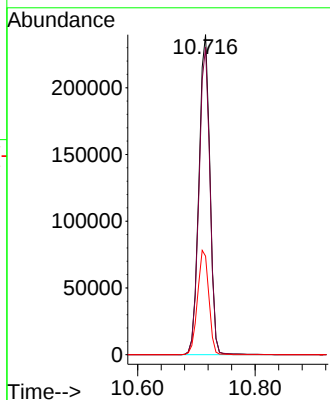


#42
2,4,6-Tribromophenol
Concen: 132.991 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139176.D
Acq: 27 Aug 2024 09:33

Instrument :
BNA_F
ClientSampleId :
PB162936BL

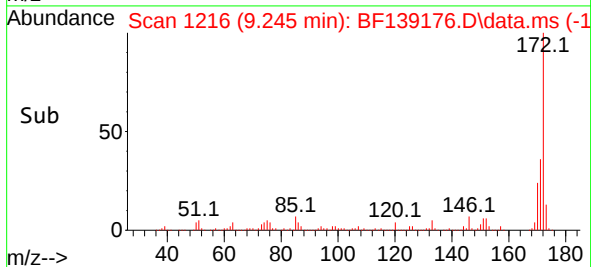
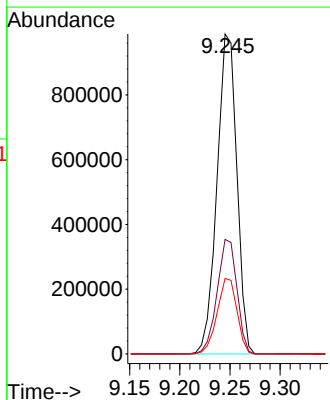
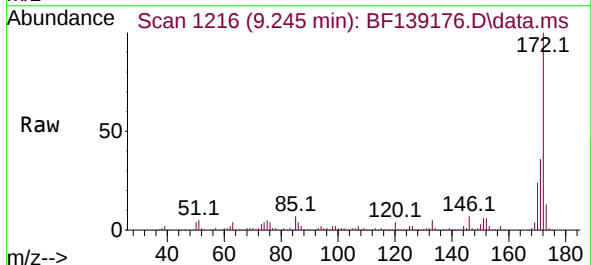


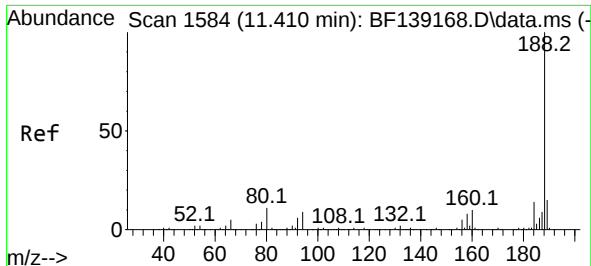
Tgt Ion:330 Resp: 311296
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 33.4 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 77.087 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139176.D
Acq: 27 Aug 2024 09:33

Tgt Ion:172 Resp: 1356313
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.6 18.8 28.2

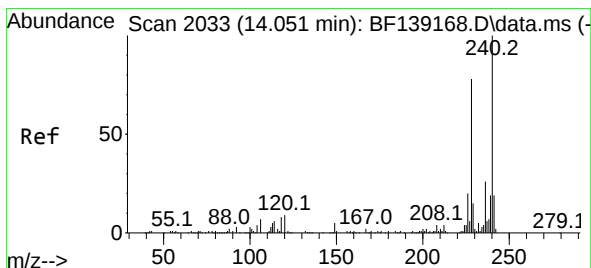
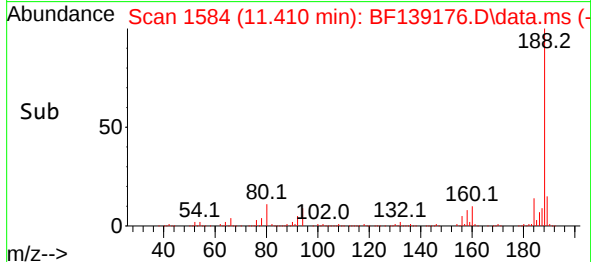
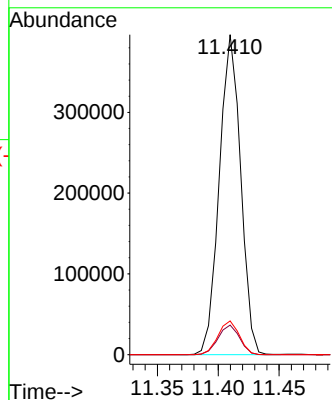
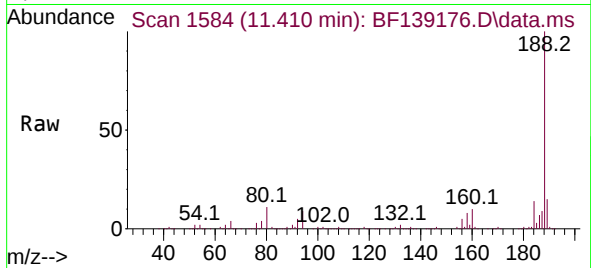




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139176.D
Acq: 27 Aug 2024 09:33

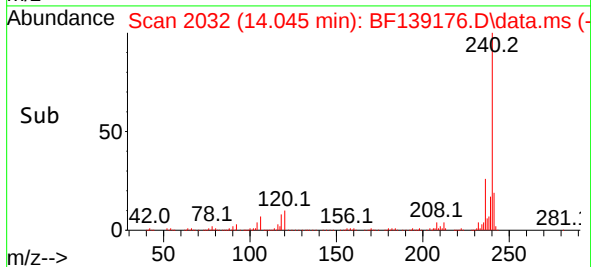
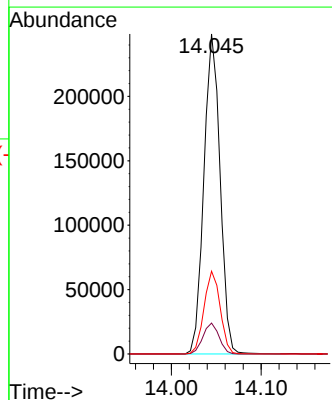
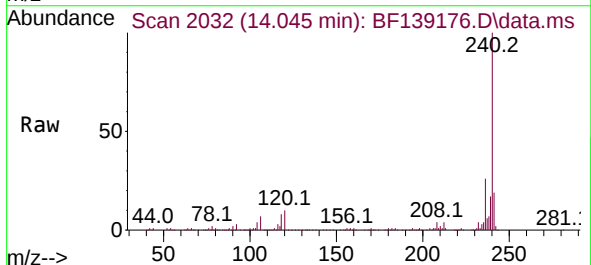
Instrument :
BNA_F
ClientSampleId :
PB162936BL

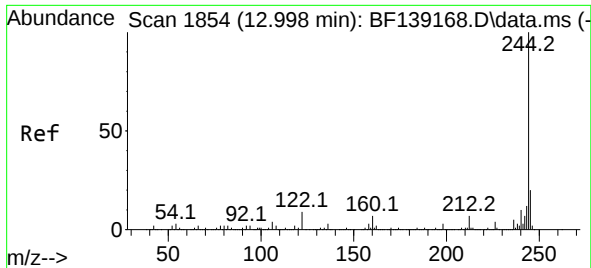
Tgt Ion:188 Resp: 483545
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.6 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139176.D
Acq: 27 Aug 2024 09:33

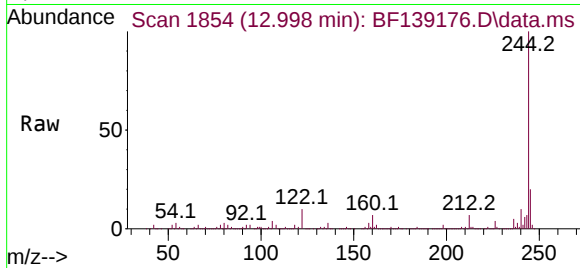
Tgt Ion:240 Resp: 311222
Ion Ratio Lower Upper
240 100
120 9.7 6.9 10.3
236 25.9 20.9 31.3



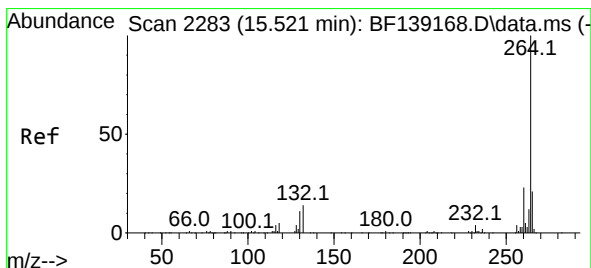
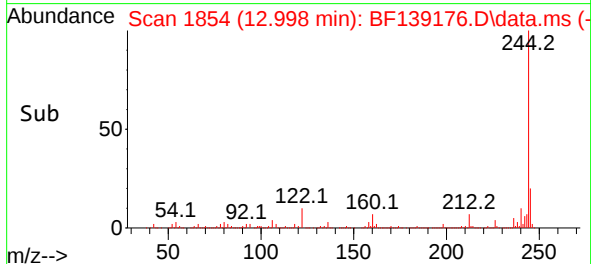
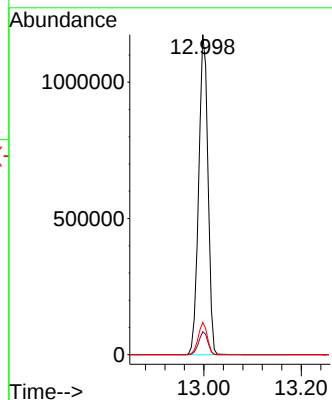


#79
 Terphenyl-d14
 Concen: 78.222 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139176.D
 Acq: 27 Aug 2024 09:33

Instrument :
 BNA_F
 ClientSampleId :
 PB162936BL



Tgt Ion:244 Resp: 1560216
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 10.0 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BF139176.D
 Acq: 27 Aug 2024 09:33

Tgt Ion:264 Resp: 246953
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 21.2 17.0 25.6

