

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
Data File : BF139178.D
Acq On : 27 Aug 2024 10:32
Operator : RC/JU
Sample : PB162379BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB162379BL

Quant Time: Aug 27 11:50:24 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	6.893	152	122728	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	466611	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	272963	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	479845	20.000	ng	0.00
76) Chrysene-d12	14.045	240	293423	20.000	ng	0.00
86) Perylene-d12	15.521	264	244119	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	917697	125.649	ng	0.02
7) Phenol-d6	6.516	99	1194011	119.119	ng	0.00
23) Nitrobenzene-d5	7.451	82	803600	95.411	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	316769	135.499	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1363962	77.619	ng	0.00
79) Terphenyl-d14	12.998	244	1536075	81.683	ng	0.00

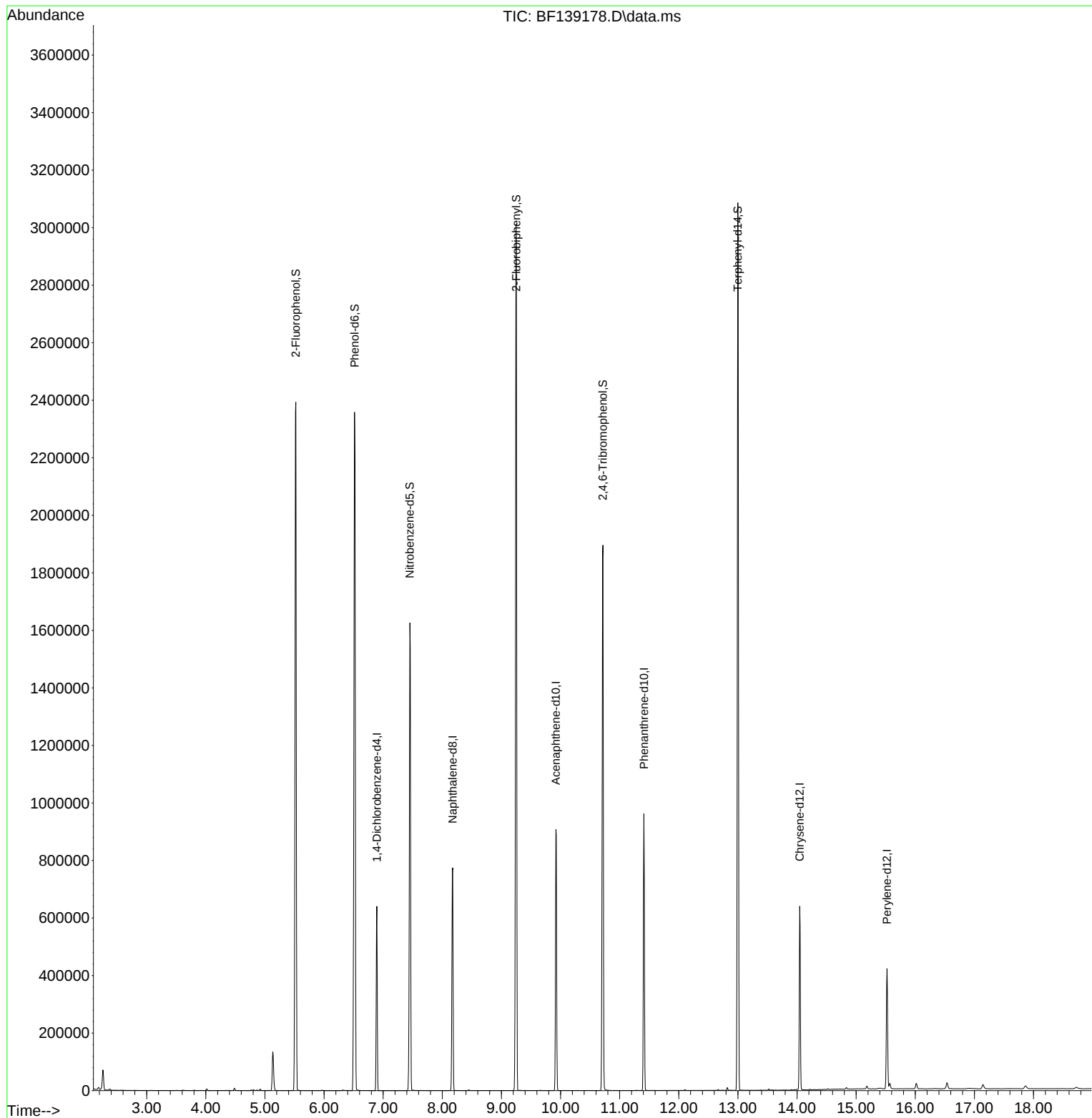
Target Compounds	Qvalue

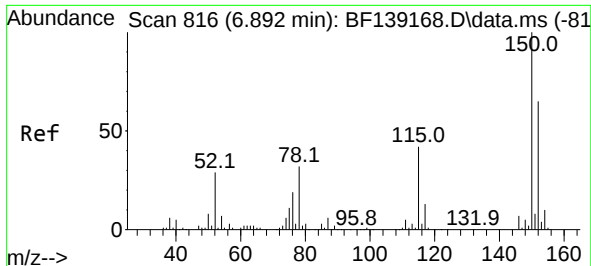
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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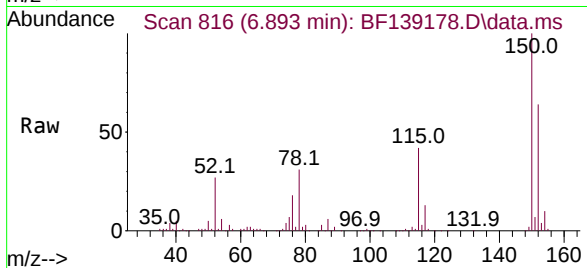
Quant Time: Aug 27 11:50:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
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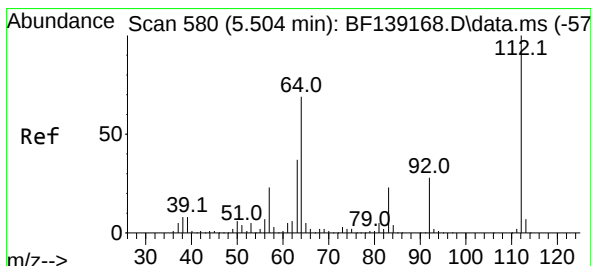
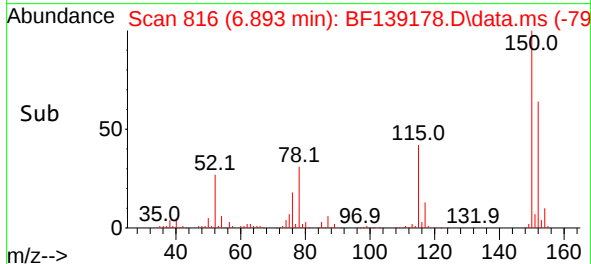
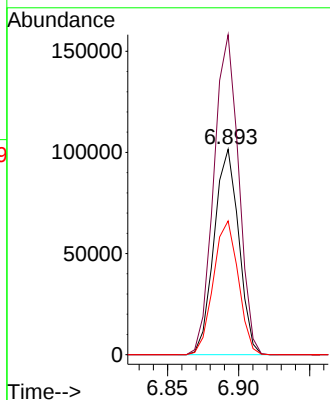


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139178.D
Acq: 27 Aug 2024 10:32

Instrument :
BNA_F
ClientSampleId :
PB162379BL

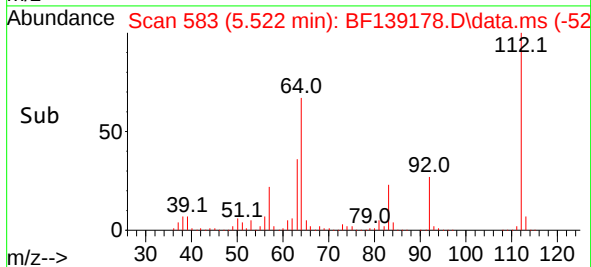
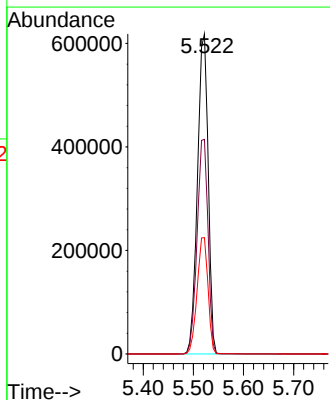
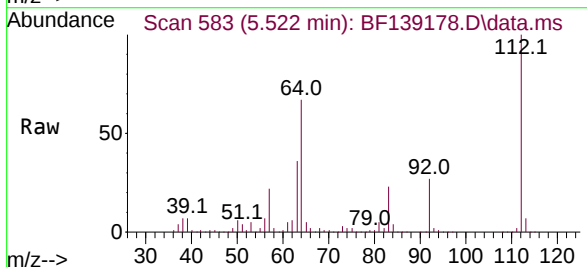


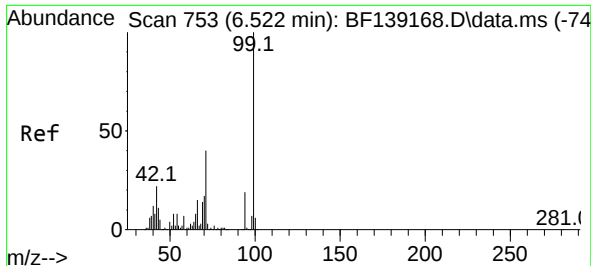
Tgt Ion:152 Resp: 122728
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 65.2 51.8 77.8



#5
2-Fluorophenol
Concen: 125.649 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF139178.D
Acq: 27 Aug 2024 10:32

Tgt Ion:112 Resp: 917697
Ion Ratio Lower Upper
112 100
64 67.0 55.5 83.3
63 36.3 29.8 44.6

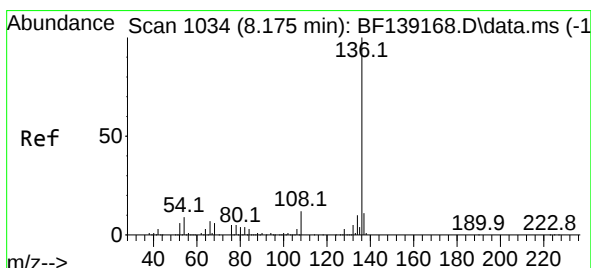
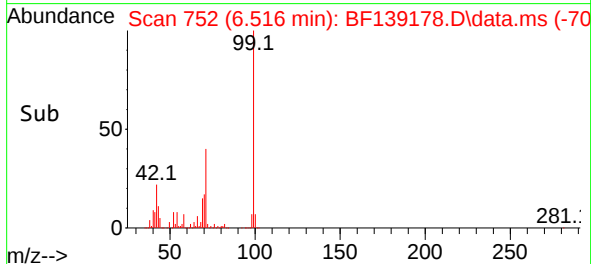
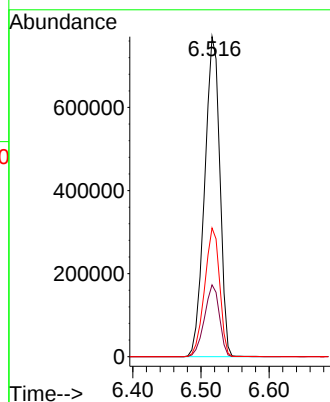
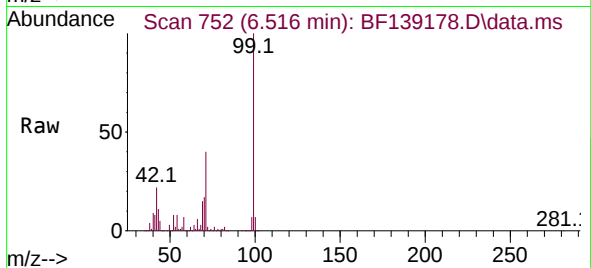




#7
Phenol-d6
Concen: 119.119 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139178.D
Acq: 27 Aug 2024 10:32

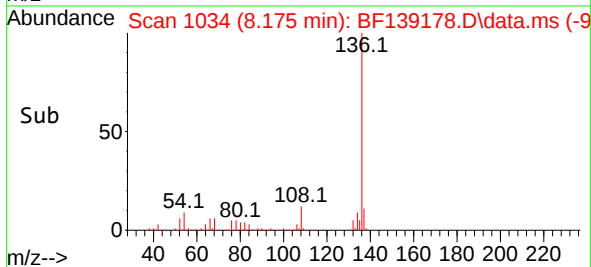
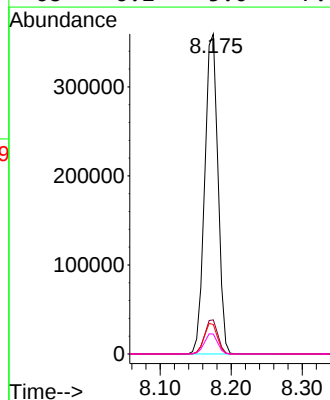
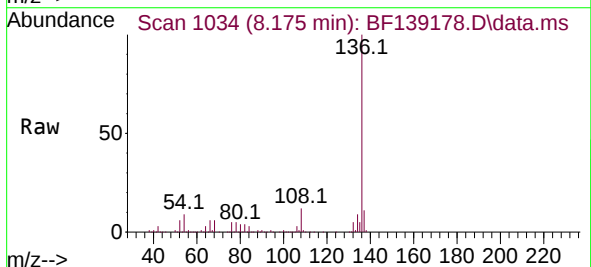
Instrument :
BNA_F
ClientSampleId :
PB162379BL

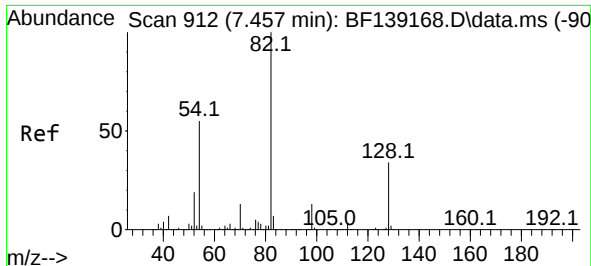
Tgt Ion: 99 Resp: 1194011
Ion Ratio Lower Upper
99 100
42 22.4 17.9 26.9
71 40.2 31.7 47.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139178.D
Acq: 27 Aug 2024 10:32

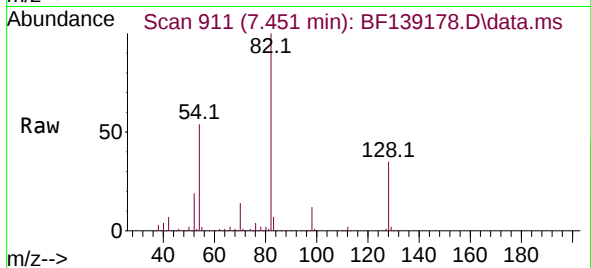
Tgt Ion: 136 Resp: 466611
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.2 7.6 11.4
68 6.2 5.0 7.6



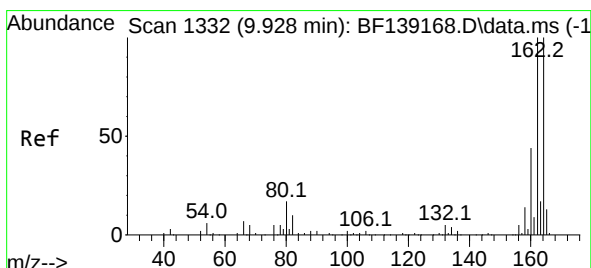
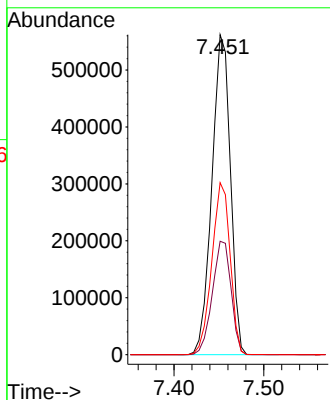
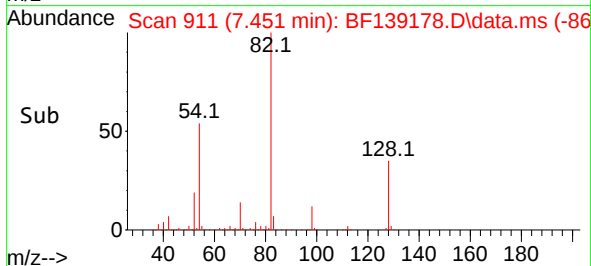


#23
Nitrobenzene-d5
Concen: 95.411 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139178.D
Acq: 27 Aug 2024 10:32

Instrument :
BNA_F
ClientSampleId :
PB162379BL

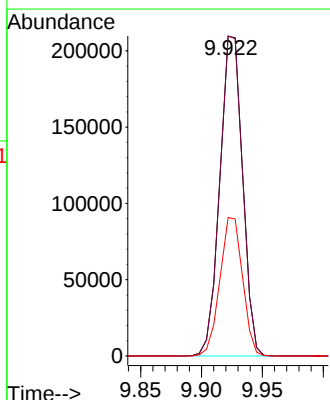
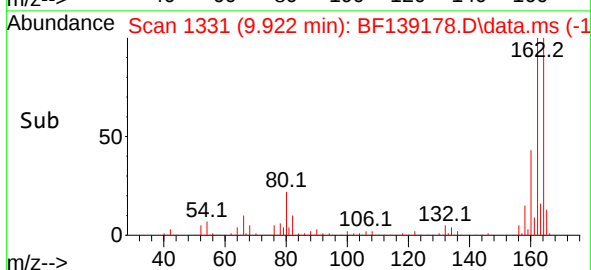
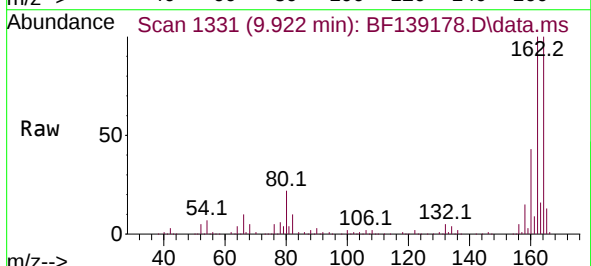


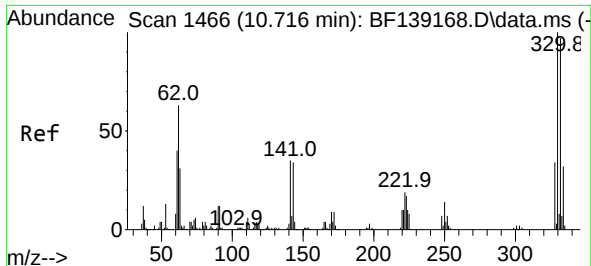
Tgt Ion: 82 Resp: 803600
Ion Ratio Lower Upper
82 100
128 35.5 27.1 40.7
54 53.8 44.2 66.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139178.D
Acq: 27 Aug 2024 10:32

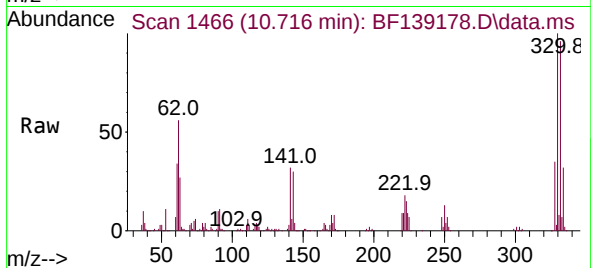
Tgt Ion: 164 Resp: 272963
Ion Ratio Lower Upper
164 100
162 100.1 80.0 120.0
160 43.3 35.0 52.6



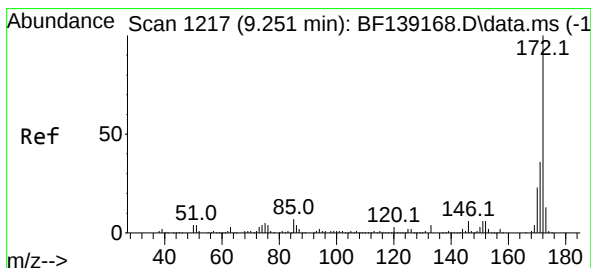
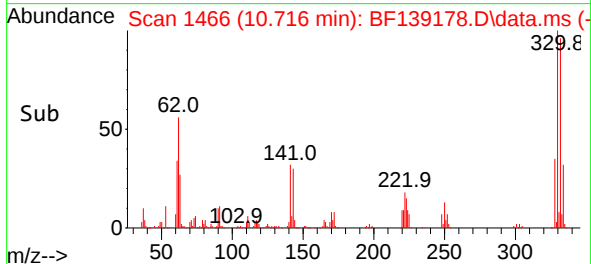
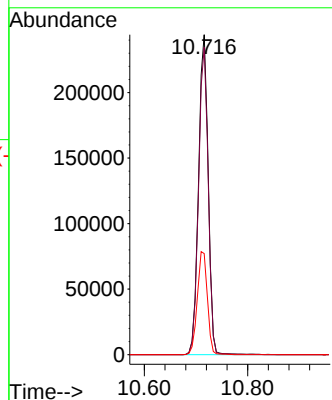


#42
2,4,6-Tribromophenol
Concen: 135.499 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139178.D
Acq: 27 Aug 2024 10:32

Instrument :
BNA_F
ClientSampleId :
PB162379BL

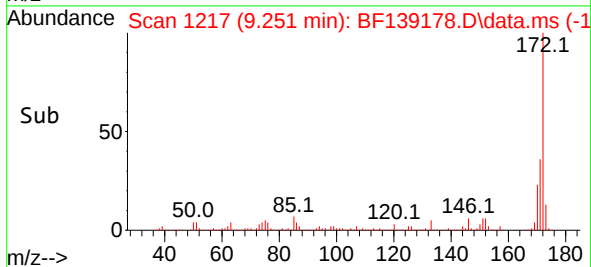
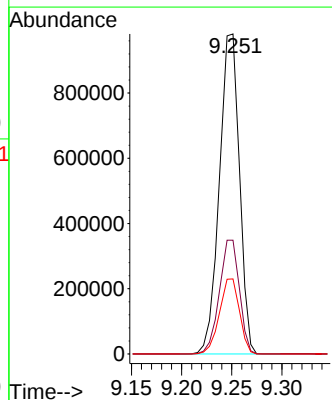
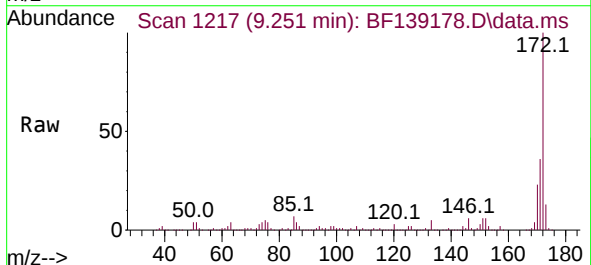


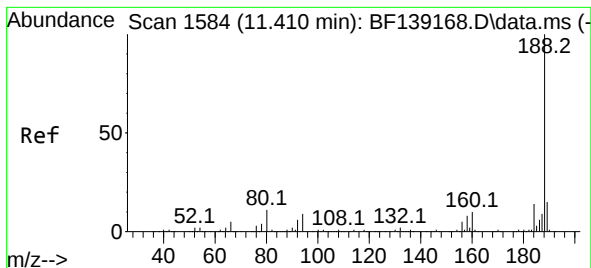
Tgt Ion:330 Resp: 316769
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 33.5 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 77.619 ng
RT: 9.251 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF139178.D
Acq: 27 Aug 2024 10:32

Tgt Ion:172 Resp: 1363962
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139178.D

Acq: 27 Aug 2024 10:32

Instrument :

BNA_F

ClientSampleId :

PB162379BL

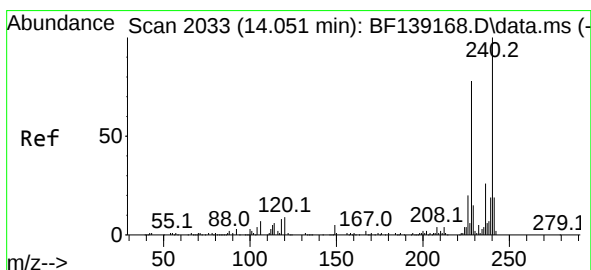
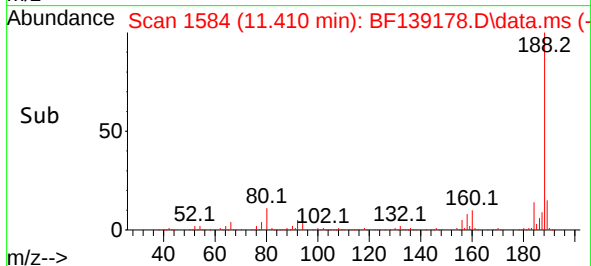
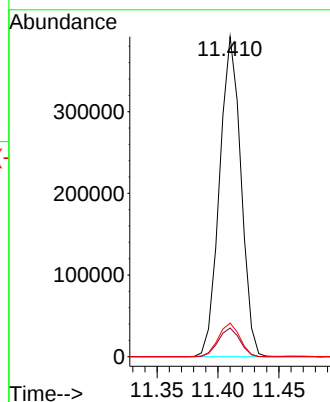
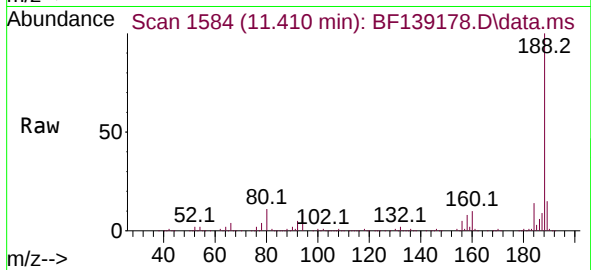
Tgt Ion:188 Resp: 479845

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

80 10.5 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: BF139178.D

Acq: 27 Aug 2024 10:32

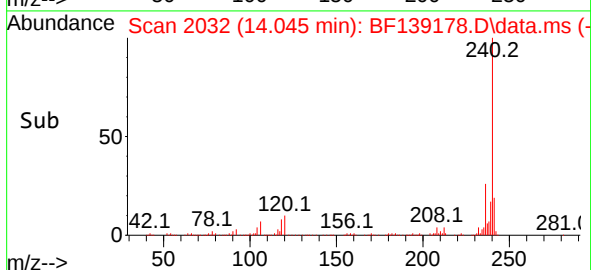
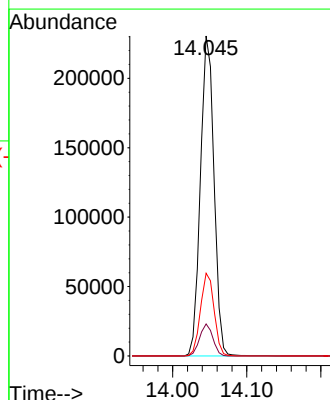
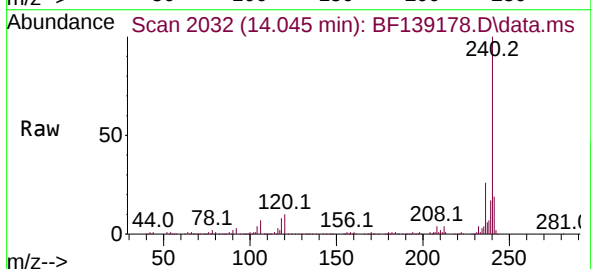
Tgt Ion:240 Resp: 293423

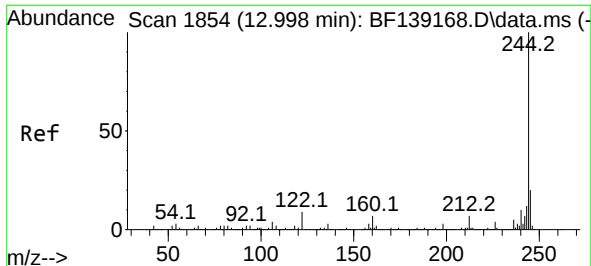
Ion Ratio Lower Upper

240 100

120 10.0 6.9 10.3

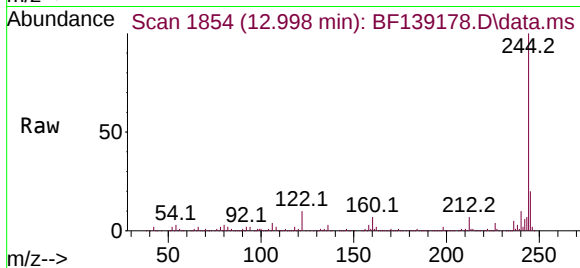
236 25.9 20.9 31.3



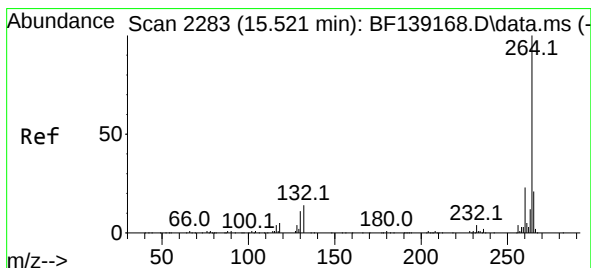
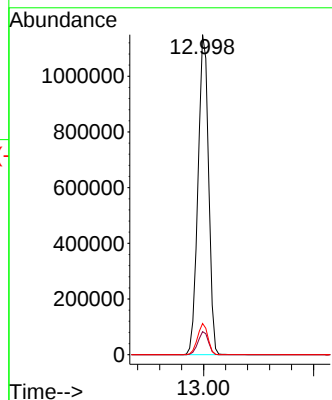
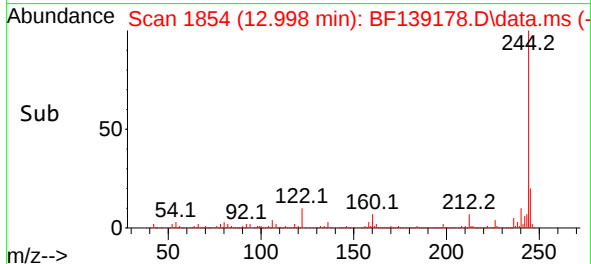


#79
 Terphenyl-d14
 Concen: 81.683 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139178.D
 Acq: 27 Aug 2024 10:32

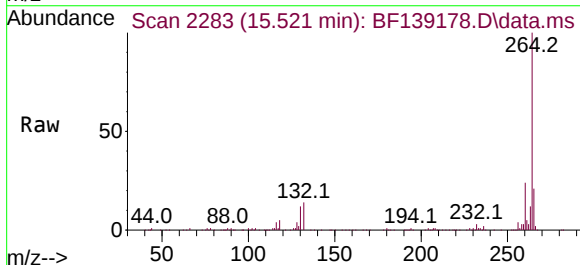
Instrument :
 BNA_F
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 PB162379BL



Tgt Ion:244 Resp: 1536075
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.8 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: BF139178.D
 Acq: 27 Aug 2024 10:32



Tgt Ion:264 Resp: 244119
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.3 27.5
 265 21.3 17.0 25.6

