

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
 Data File : BF139072.D
 Acq On : 19 Aug 2024 14:17
 Operator : RC/JU
 Sample : PB162612BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162612BL

Quant Time: Aug 19 15:15:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	44651	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	183175	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	106164	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	194641	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	108211	20.000	ng	# 0.00
86) Perylene-d12	15.469	264	85541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	355214	122.803	ng	0.00
7) Phenol-d6	6.481	99	473719	121.981	ng	0.00
23) Nitrobenzene-d5	7.404	82	313577	83.697	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	105188	120.958	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	583245	82.544	ng	-0.02
79) Terphenyl-d14	12.939	244	677546	104.832	ng	0.00

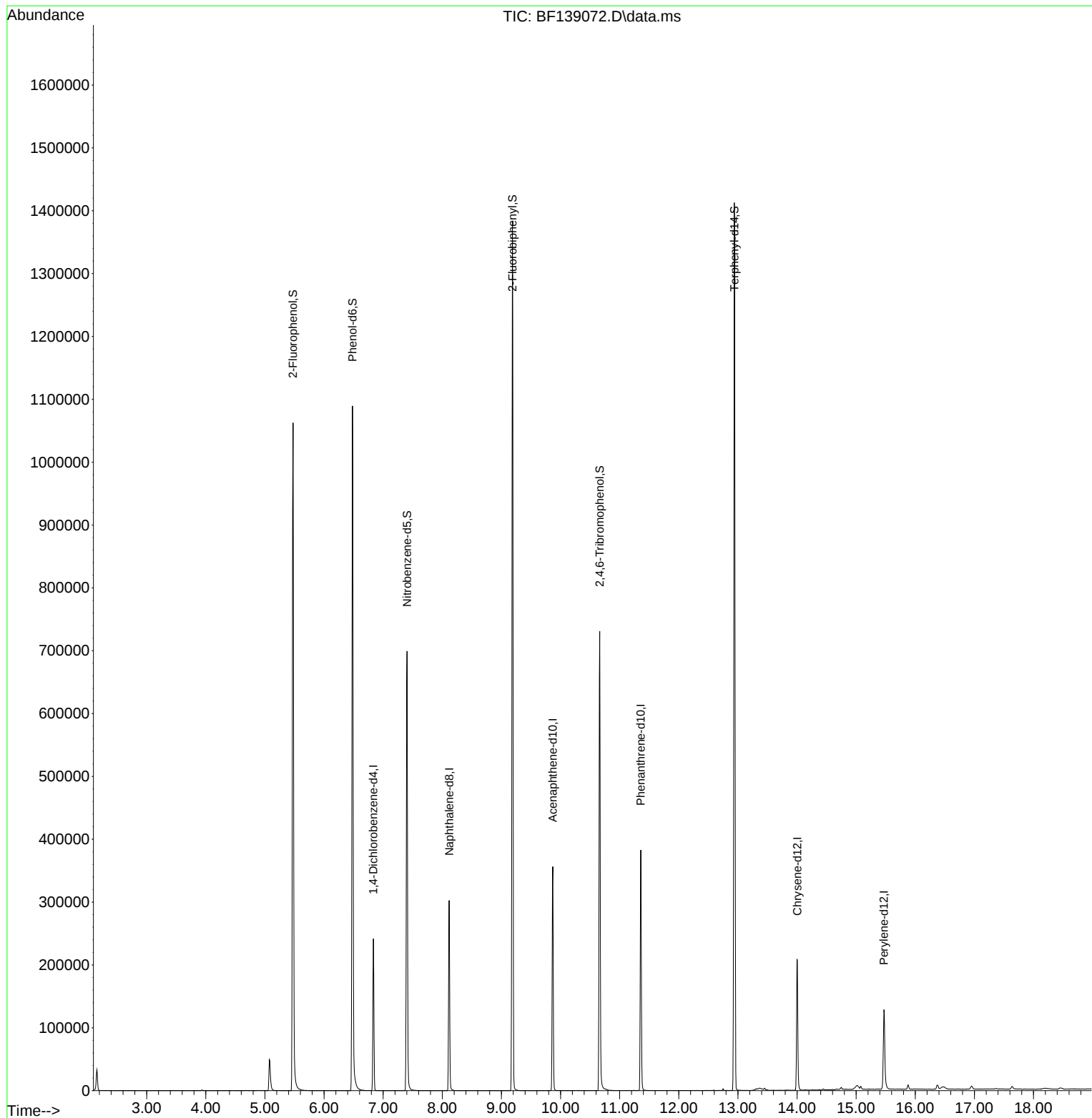
Target Compounds	Qvalue

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

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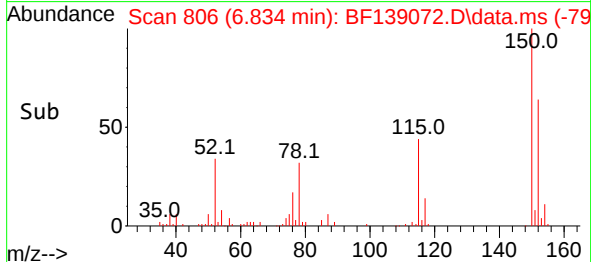
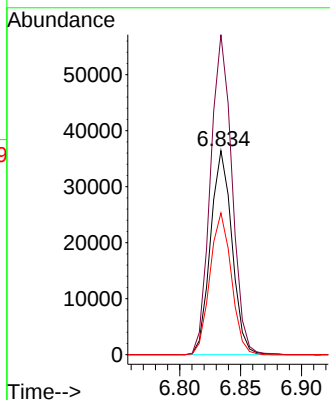
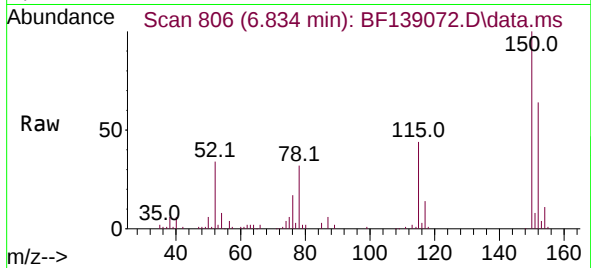




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139072.D
Acq: 19 Aug 2024 14:17

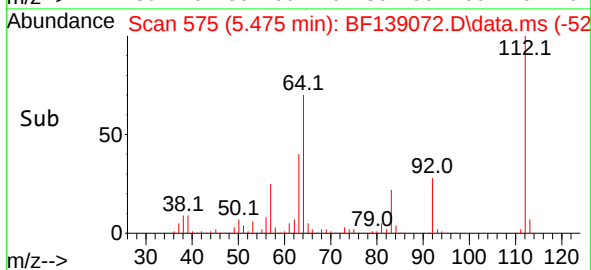
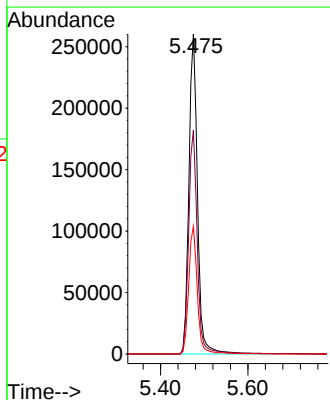
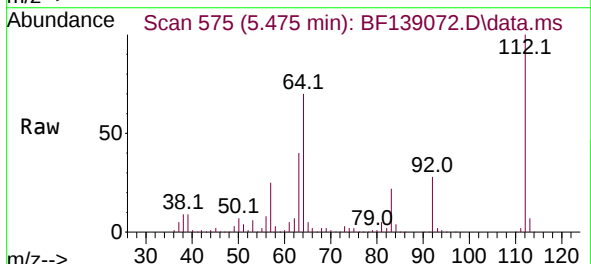
Instrument :
BNA_F
ClientSampleId :
PB162612BL

Tgt Ion:152 Resp: 44651
Ion Ratio Lower Upper
152 100
150 156.8 126.0 189.0
115 69.5 51.7 77.5



#5
2-Fluorophenol
Concen: 122.803 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF139072.D
Acq: 19 Aug 2024 14:17

Tgt Ion:112 Resp: 355214
Ion Ratio Lower Upper
112 100
64 70.0 54.2 81.4
63 39.9 28.7 43.1

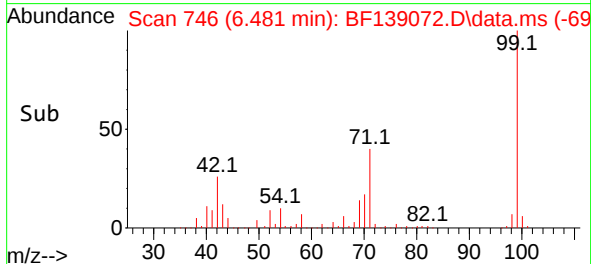
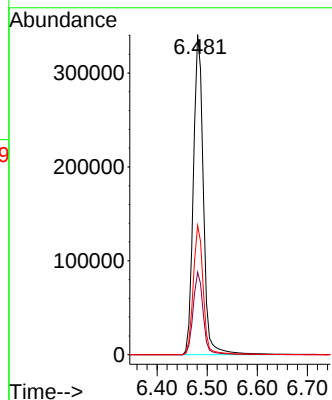
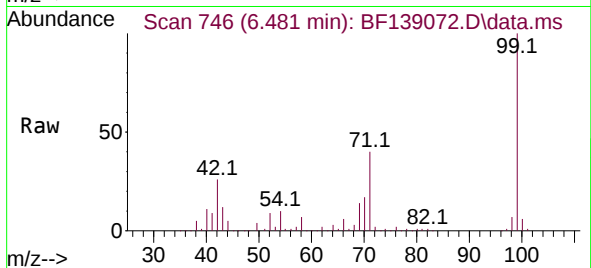




#7
Phenol-d6
Concen: 121.981 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139072.D
Acq: 19 Aug 2024 14:17

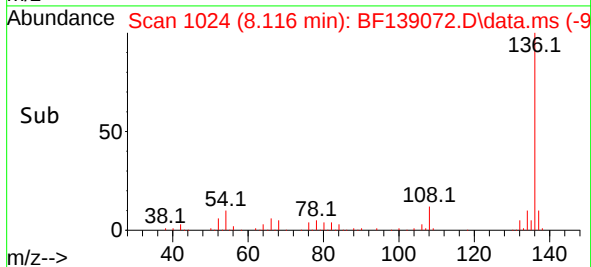
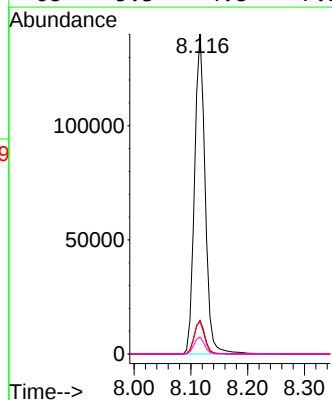
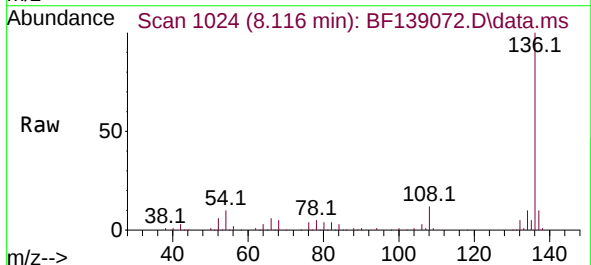
Instrument :
BNA_F
ClientSampleId :
PB162612BL

Tgt Ion: 99 Resp: 473719
Ion Ratio Lower Upper
99 100
42 25.8 17.4 26.0
71 40.3 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139072.D
Acq: 19 Aug 2024 14:17

Tgt Ion: 136 Resp: 183175
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 10.1 8.6 12.8
68 5.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 83.697 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF139072.D

Acq: 19 Aug 2024 14:17

Instrument :

BNA_F

ClientSampleId :

PB162612BL

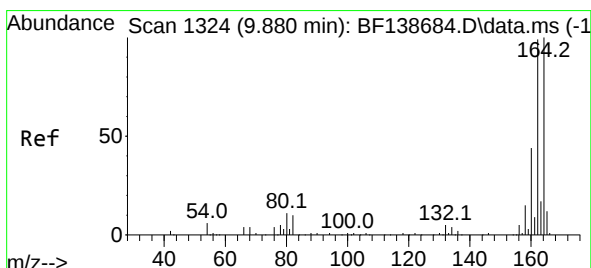
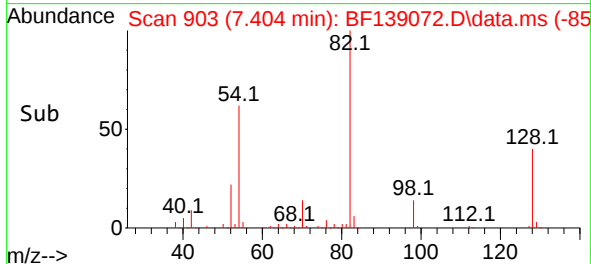
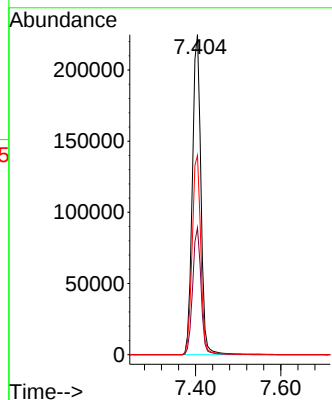
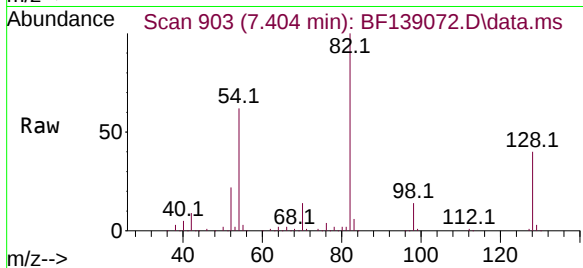
Tgt Ion: 82 Resp: 313577

Ion Ratio Lower Upper

82 100

128 39.7 32.8 49.2

54 62.3 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.011 min

Lab File: BF139072.D

Acq: 19 Aug 2024 14:17

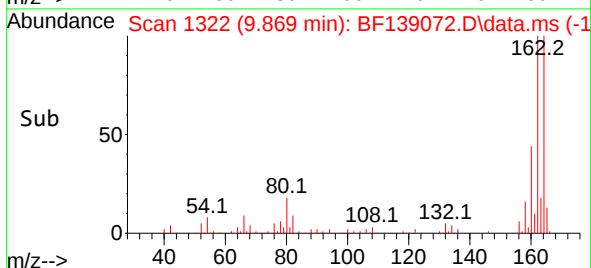
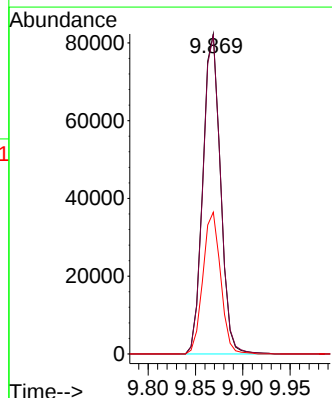
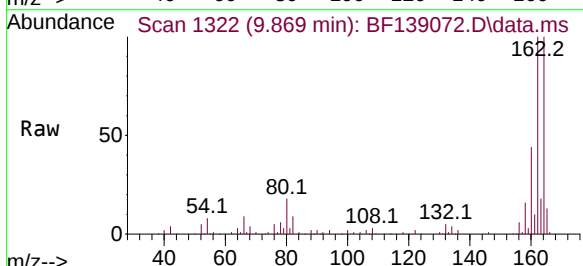
Tgt Ion:164 Resp: 106164

Ion Ratio Lower Upper

164 100

162 99.6 79.4 119.0

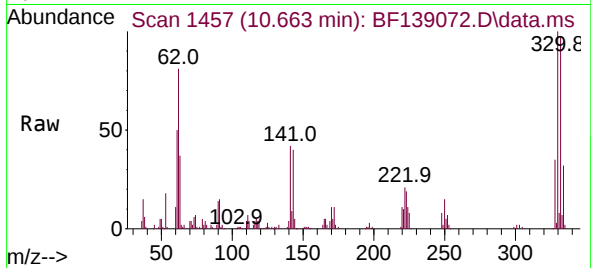
160 44.3 35.1 52.7



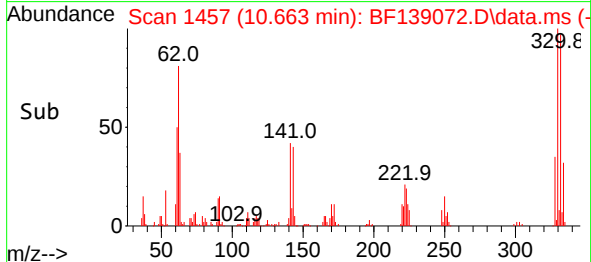
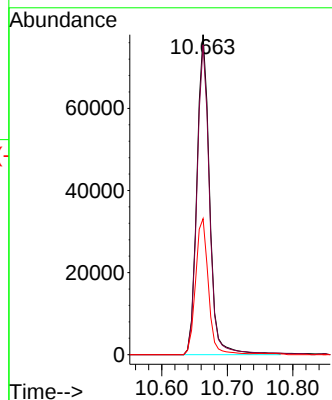


#42
2,4,6-Tribromophenol
Concen: 120.958 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF139072.D
Acq: 19 Aug 2024 14:17

Instrument :
BNA_F
ClientSampleId :
PB162612BL

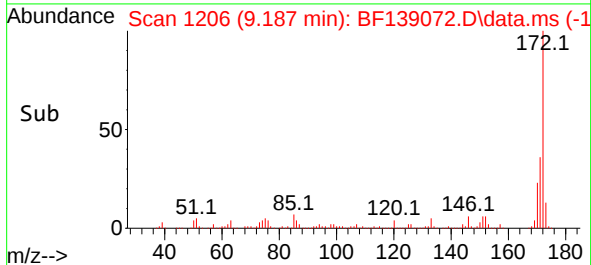
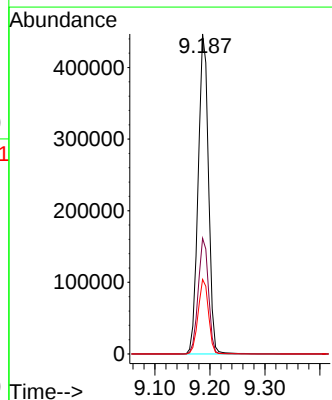
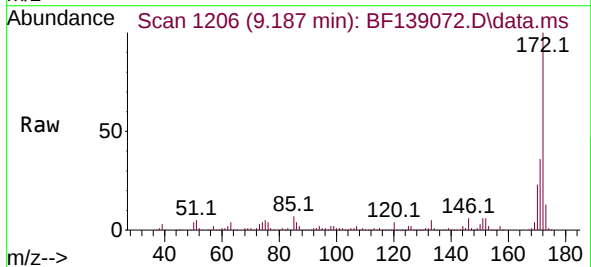


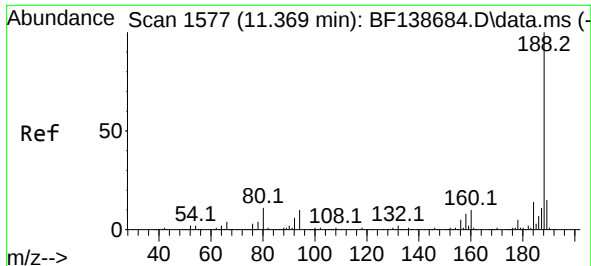
Tgt Ion:330 Resp: 105188
Ion Ratio Lower Upper
330 100
332 96.8 76.4 114.6
141 42.9 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 82.544 ng
RT: 9.187 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139072.D
Acq: 19 Aug 2024 14:17

Tgt Ion:172 Resp: 583245
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.3 18.8 28.2

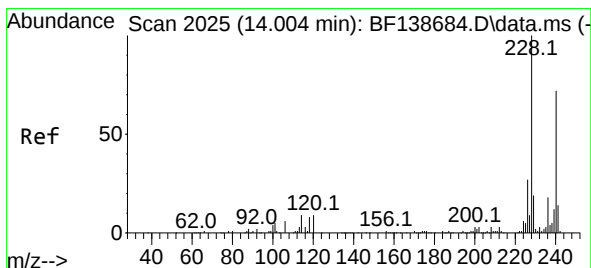
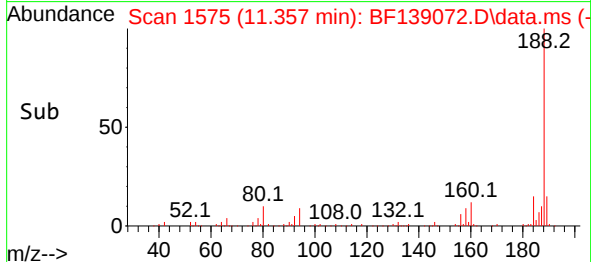
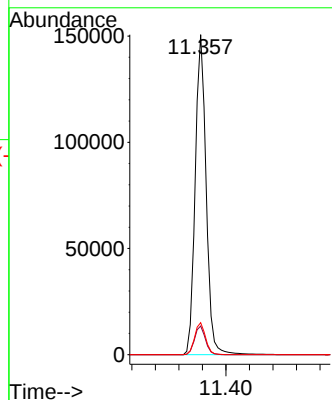
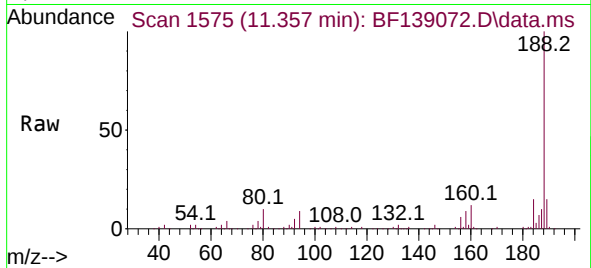




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139072.D
Acq: 19 Aug 2024 14:17

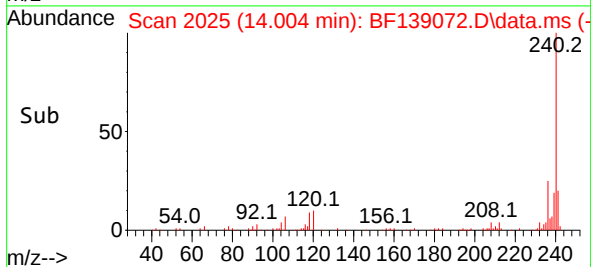
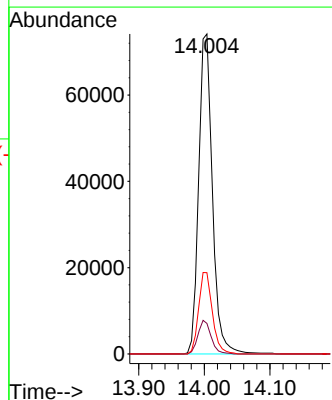
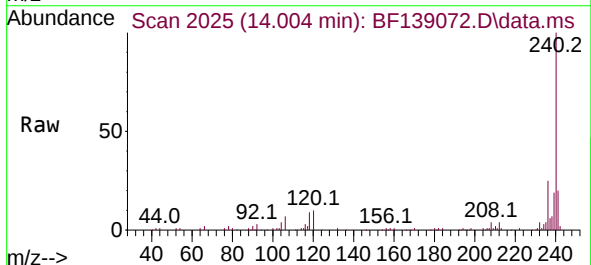
Instrument :
BNA_F
ClientSampleId :
PB162612BL

Tgt Ion:188 Resp: 194641
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 10.0 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF139072.D
Acq: 19 Aug 2024 14:17

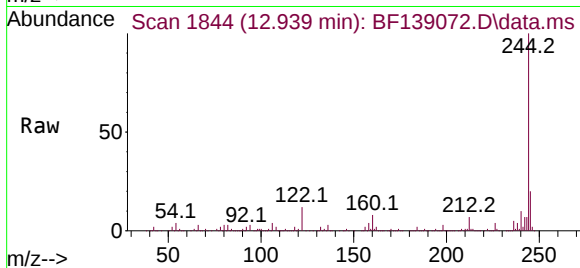
Tgt Ion:240 Resp: 108211
Ion Ratio Lower Upper
240 100
120 9.6 10.2 15.4#
236 25.4 19.8 29.8



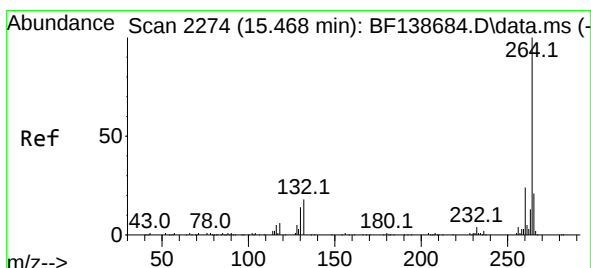
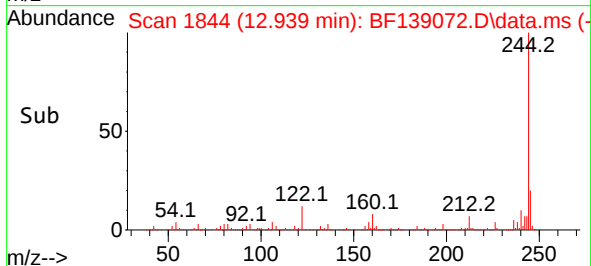
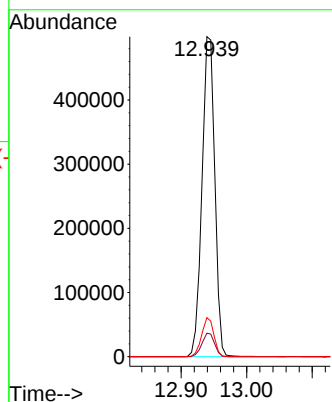


#79
 Terphenyl-d14
 Concen: 104.832 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF139072.D
 Acq: 19 Aug 2024 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB162612BL



Tgt Ion:244 Resp: 677546
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 12.2 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.469 min Scan# 2274
 Delta R.T. 0.000 min
 Lab File: BF139072.D
 Acq: 19 Aug 2024 14:17

Tgt Ion:264 Resp: 85541
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.6 17.0 25.6

