

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139020.D
 Acq On : 15 Aug 2024 13:51
 Operator : RC/JU
 Sample : P3574-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-S-06-202408

Quant Time: Aug 15 14:27:27 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	33362	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	130742	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	71530	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	120193	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	59913	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	65202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	327436	151.504	ng	0.01
7) Phenol-d6	6.487	99	415226	143.098	ng	0.00
23) Nitrobenzene-d5	7.404	82	291937	109.171	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	104061	177.601	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	517205	108.640	ng	-0.02
79) Terphenyl-d14	12.939	244	459109	128.298	ng	0.00

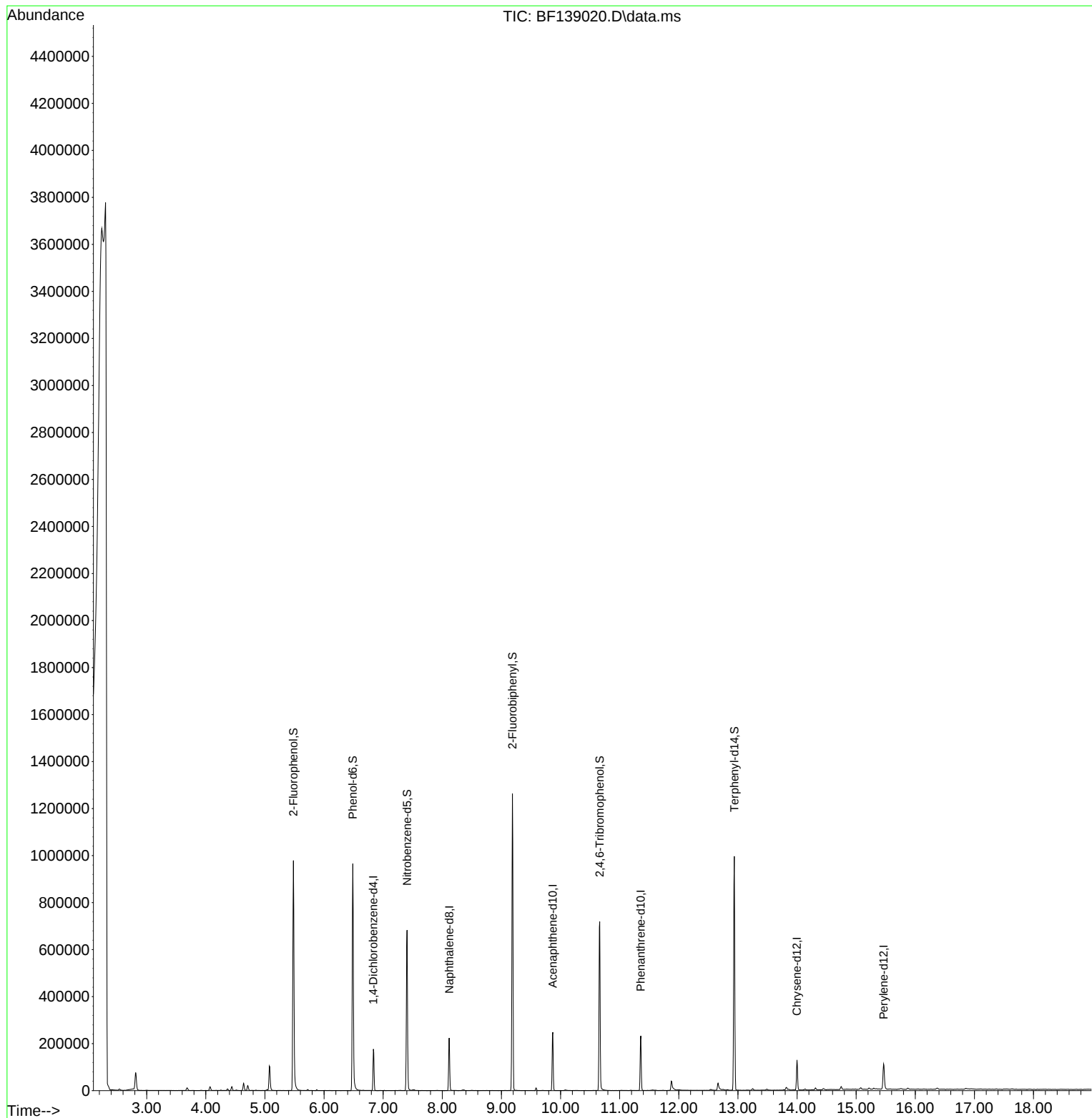
Target Compounds	Qvalue

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

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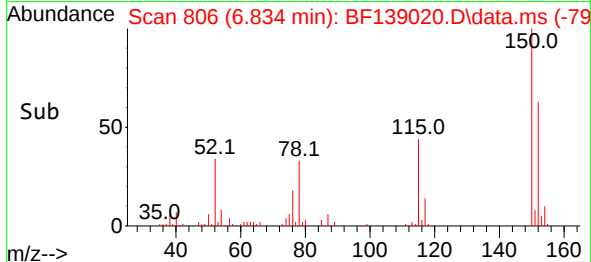
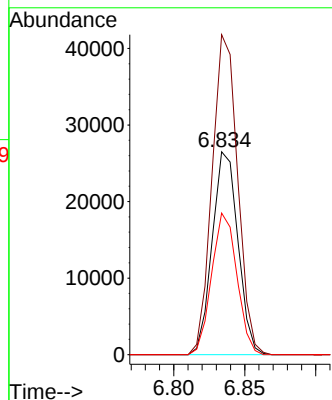
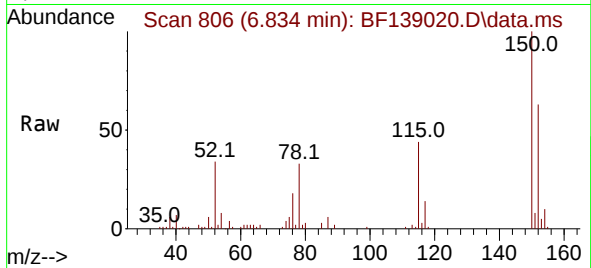




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139020.D
Acq: 15 Aug 2024 13:51

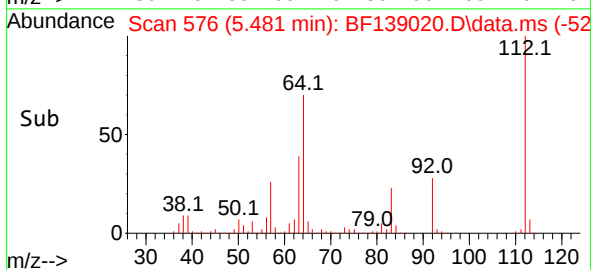
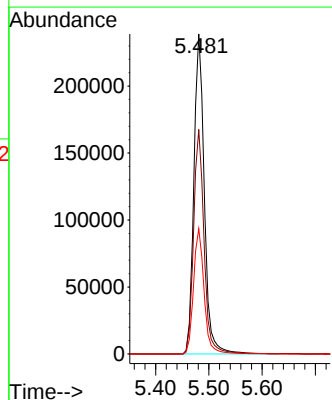
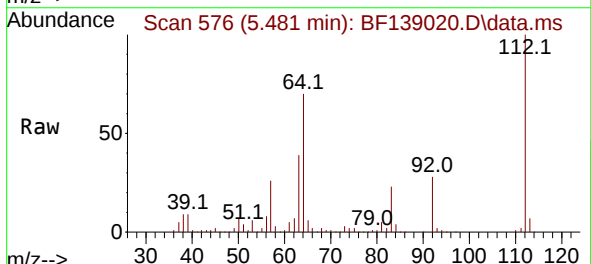
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408

Tgt Ion:152 Resp: 33362
Ion Ratio Lower Upper
152 100
150 157.8 126.0 189.0
115 69.8 51.7 77.5



#5
2-Fluorophenol
Concen: 151.504 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF139020.D
Acq: 15 Aug 2024 13:51

Tgt Ion:112 Resp: 327436
Ion Ratio Lower Upper
112 100
64 70.2 54.2 81.4
63 39.2 28.7 43.1

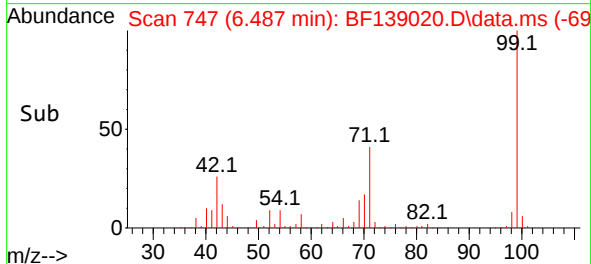
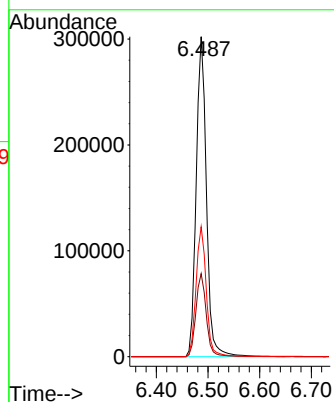
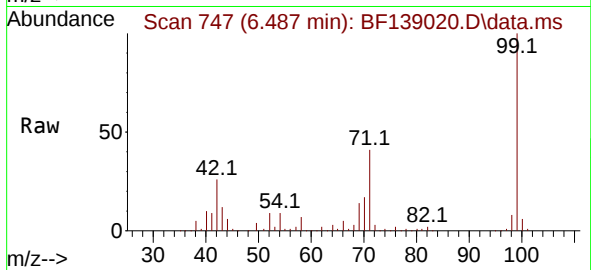




#7
Phenol-d6
Concen: 143.098 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF139020.D
Acq: 15 Aug 2024 13:51

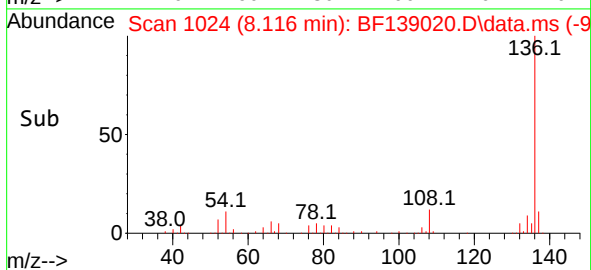
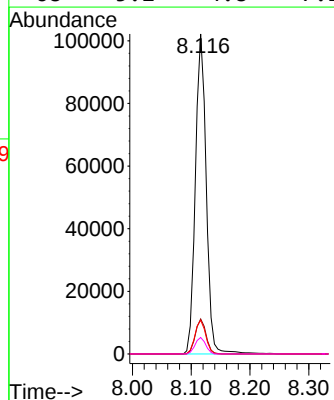
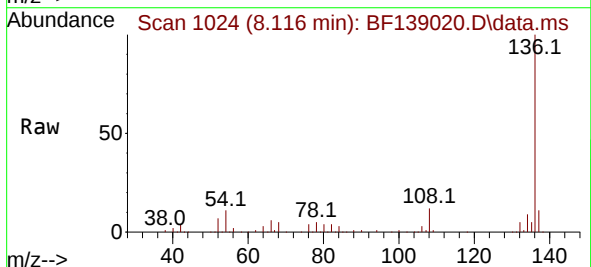
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408

Tgt Ion: 99 Resp: 415226
Ion Ratio Lower Upper
99 100
42 25.9 17.4 26.0
71 40.6 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: BF139020.D
Acq: 15 Aug 2024 13:51

Tgt Ion: 136 Resp: 130742
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.6 8.6 12.8
68 5.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 109.171 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF139020.D

Acq: 15 Aug 2024 13:51

Instrument :

BNA_F

ClientSampleId :

WC-S-06-202408

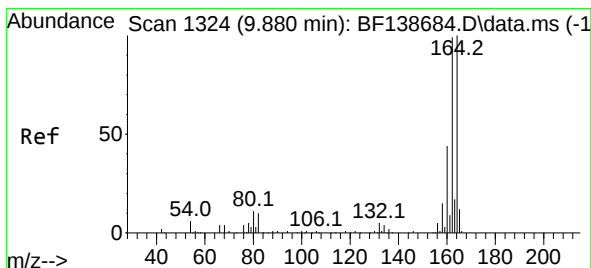
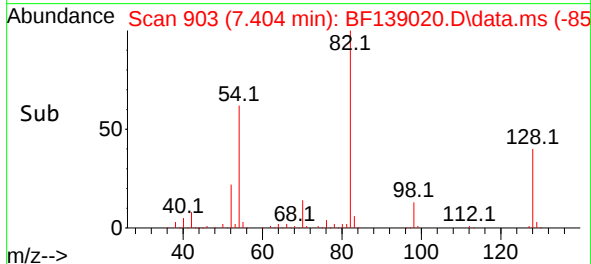
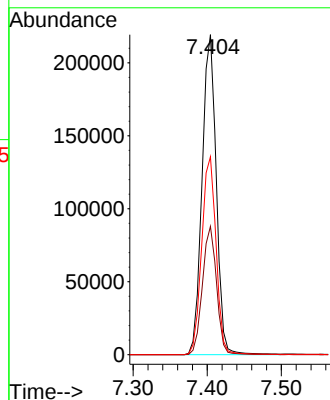
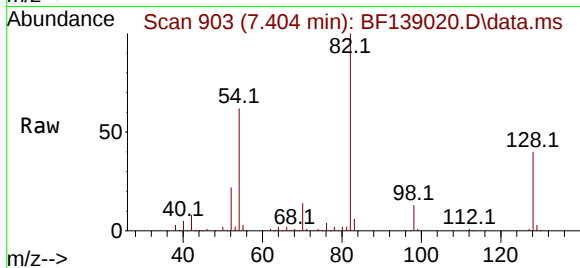
Tgt Ion: 82 Resp: 291937

Ion Ratio Lower Upper

82 100

128 40.1 32.8 49.2

54 61.9 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: BF139020.D

Acq: 15 Aug 2024 13:51

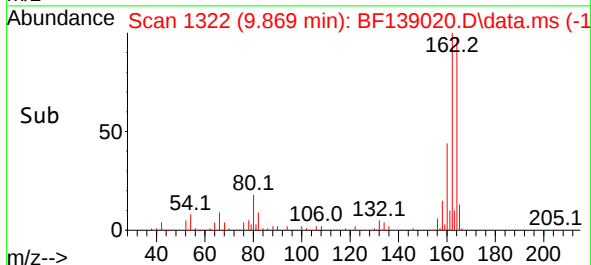
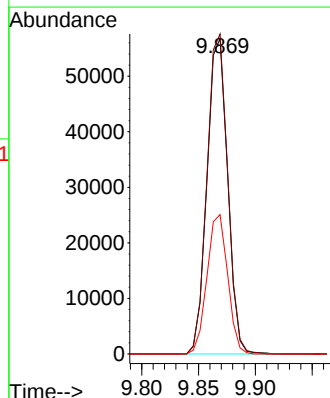
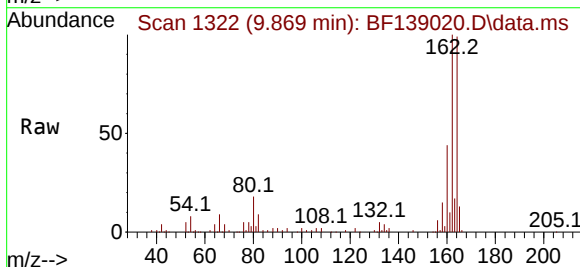
Tgt Ion:164 Resp: 71530

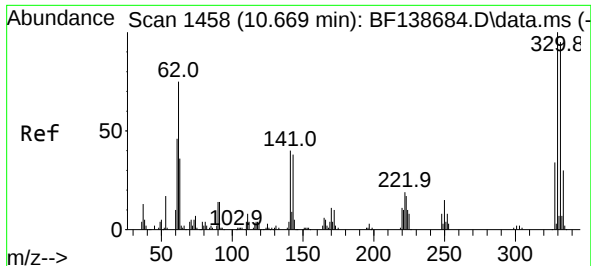
Ion Ratio Lower Upper

164 100

162 101.4 79.4 119.0

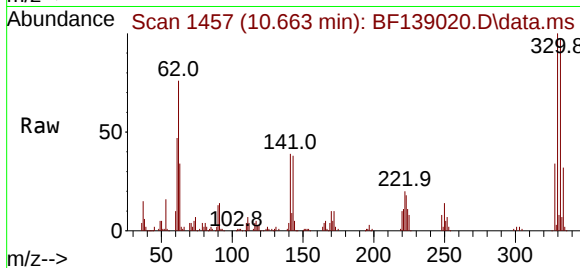
160 44.2 35.1 52.7



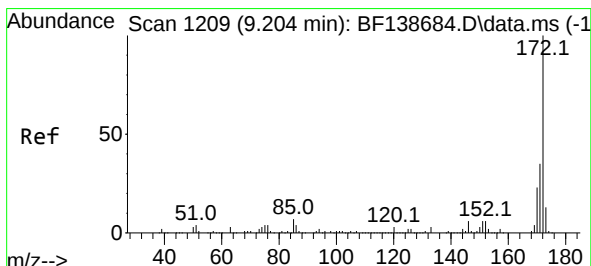
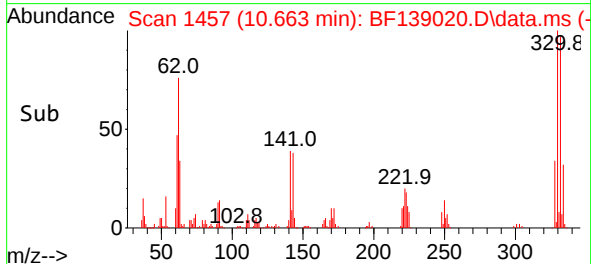
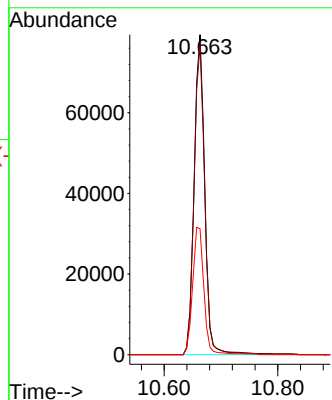


#42
2,4,6-Tribromophenol
Concen: 177.601 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF139020.D
Acq: 15 Aug 2024 13:51

Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408

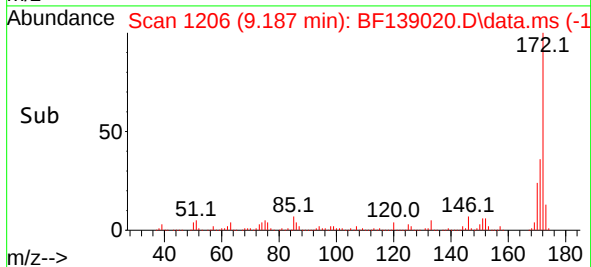
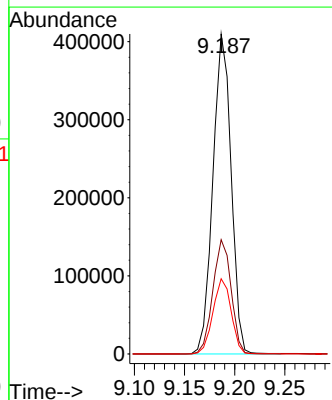
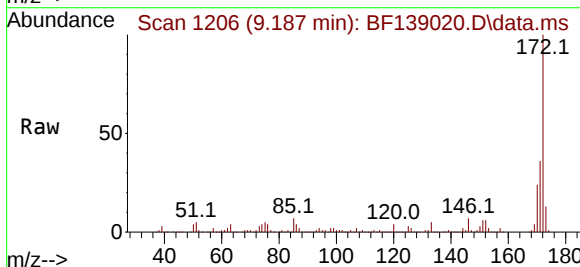


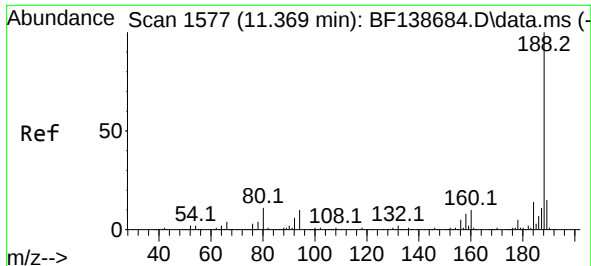
Tgt Ion:330 Resp: 104061
Ion Ratio Lower Upper
330 100
332 96.8 76.4 114.6
141 42.0 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 108.640 ng
RT: 9.187 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139020.D
Acq: 15 Aug 2024 13:51

Tgt Ion:172 Resp: 517205
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.5 18.8 28.2

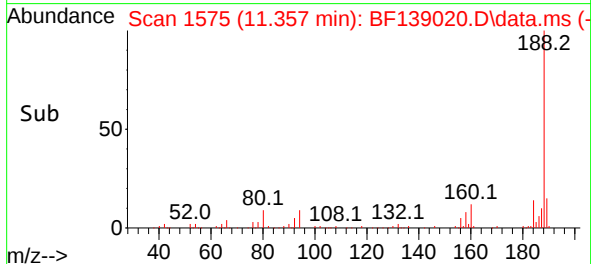
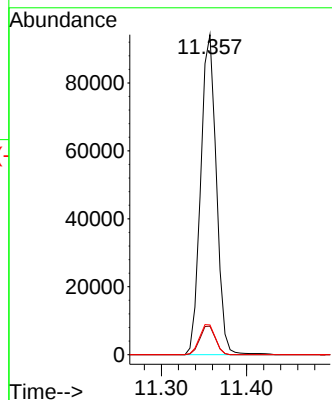
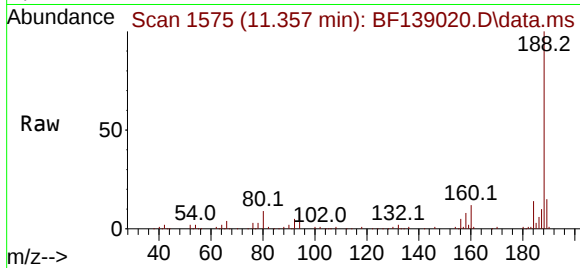




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139020.D
Acq: 15 Aug 2024 13:51

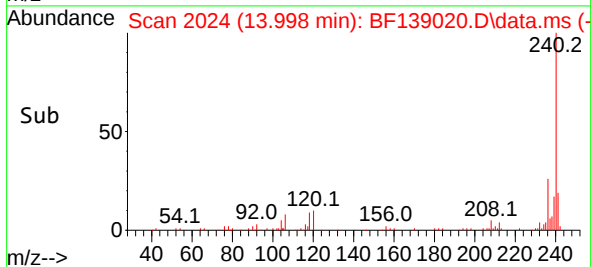
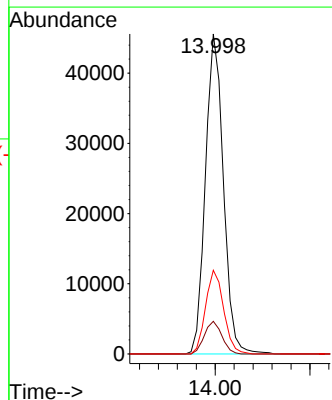
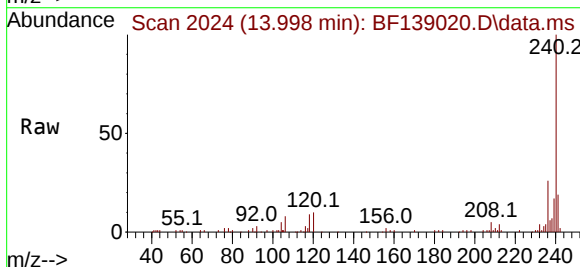
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408

Tgt Ion:188 Resp: 120193
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 9.3 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139020.D
Acq: 15 Aug 2024 13:51

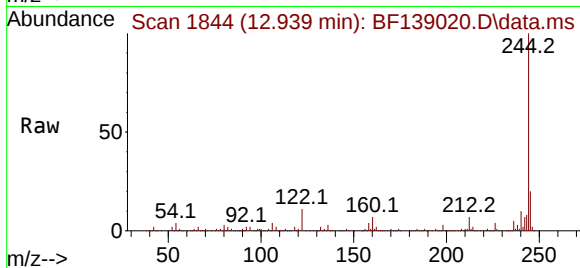
Tgt Ion:240 Resp: 59913
Ion Ratio Lower Upper
240 100
120 10.2 10.2 15.4#
236 26.2 19.8 29.8



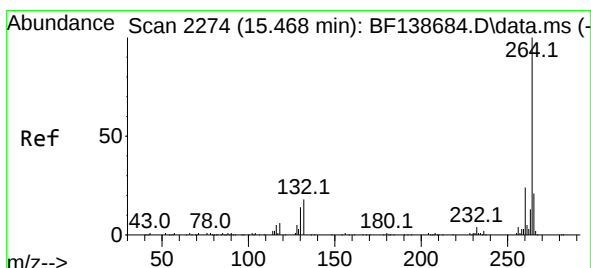
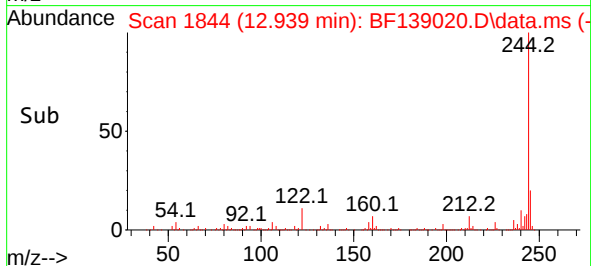
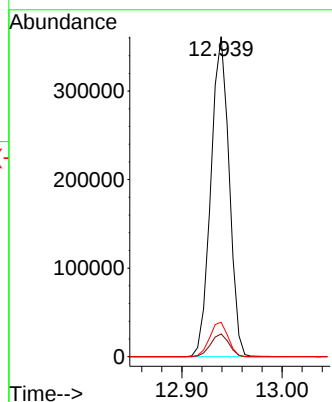


#79
 Terphenyl-d14
 Concen: 128.298 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF139020.D
 Acq: 15 Aug 2024 13:51

Instrument :
 BNA_F
 ClientSampleId :
 WC-S-06-202408



Tgt Ion:244 Resp: 459109
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 10.8 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF139020.D
 Acq: 15 Aug 2024 13:51

Tgt Ion:264 Resp: 65202
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.0 28.6
 265 22.3 17.0 25.6

