

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
Data File : BF138529.D
Acq On : 11 Jul 2024 18:17
Operator : CG\JU
Sample : P3187-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Time: Jul 11 18:43:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	80664	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	323736	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	177746	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	264936	20.000	ng	0.00
76) Chrysene-d12	14.016	240	155867	20.000	ng	-0.01
86) Perylene-d12	15.480	264	123197	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	785600	154.245	ng	0.02
7) Phenol-d6	6.504	99	999522	147.521	ng	0.00
23) Nitrobenzene-d5	7.428	82	695016	105.406	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	238702	143.691	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1196937	105.246	ng	0.00
79) Terphenyl-d14	12.969	244	958236	100.155	ng	0.00

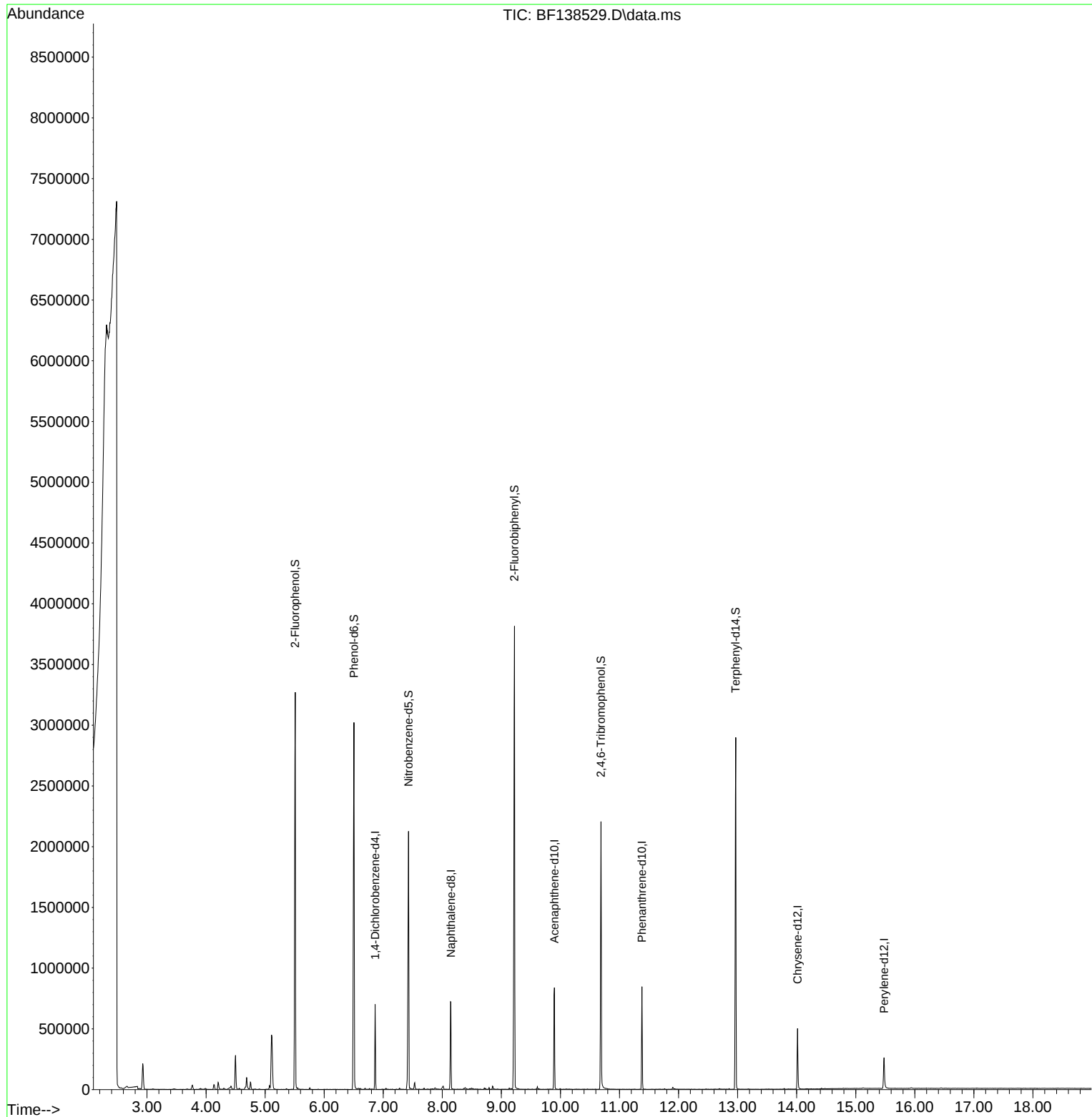
Target Compounds	Qvalue

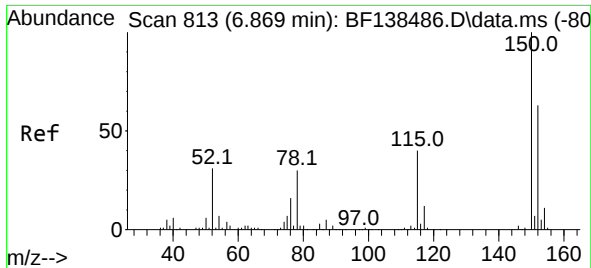
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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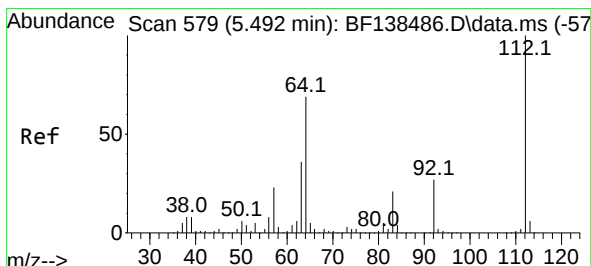
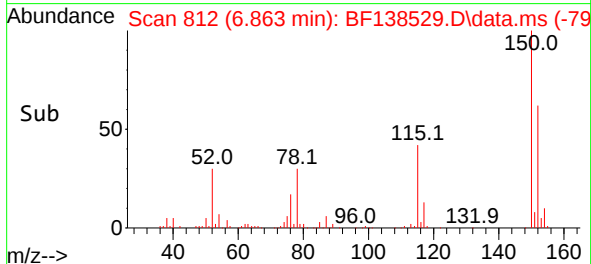
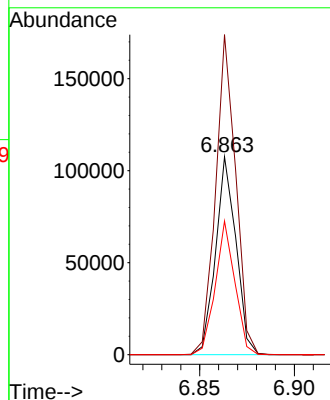
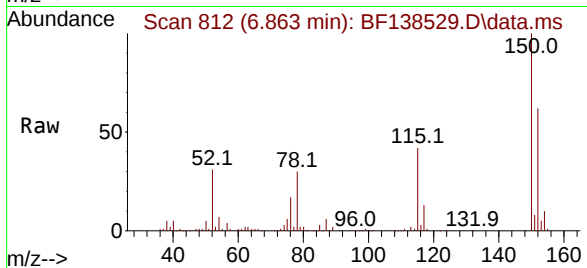




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF138529.D
 Acq: 11 Jul 2024 18:17

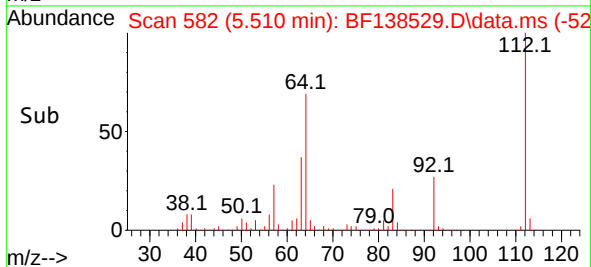
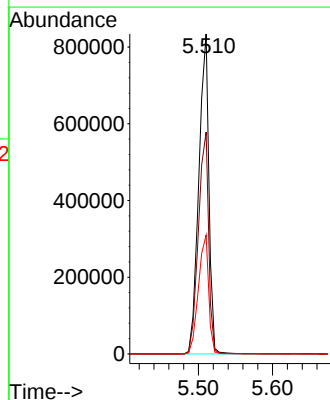
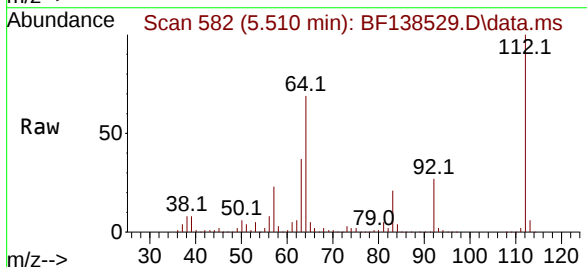
Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Tgt Ion:152 Resp: 80664
 Ion Ratio Lower Upper
 152 100
 150 161.6 126.2 189.4
 115 67.5 50.3 75.5



#5
 2-Fluorophenol
 Concen: 154.245 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.018 min
 Lab File: BF138529.D
 Acq: 11 Jul 2024 18:17

Tgt Ion:112 Resp: 785600
 Ion Ratio Lower Upper
 112 100
 64 69.4 55.1 82.7
 63 37.1 29.0 43.6

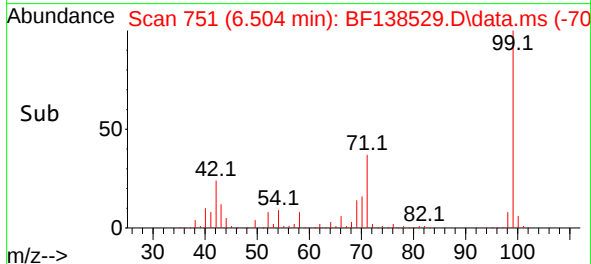
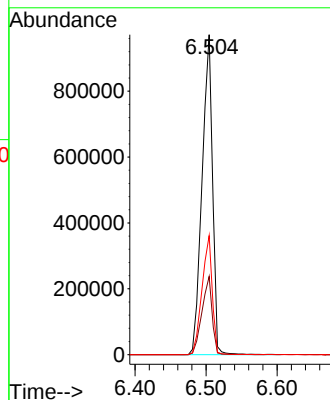
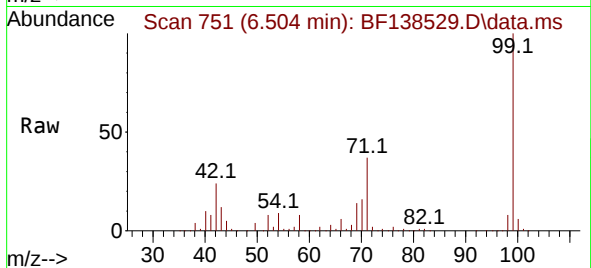




#7
Phenol-d6
Concen: 147.521 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138529.D
Acq: 11 Jul 2024 18:17

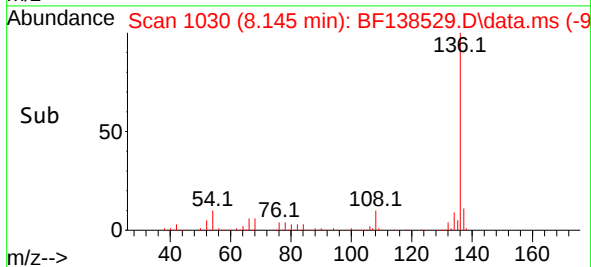
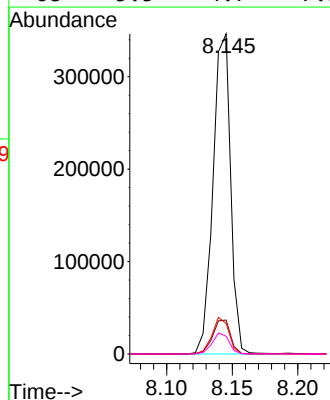
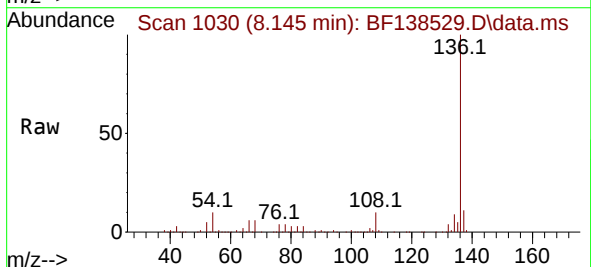
Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion: 99 Resp: 999522
Ion Ratio Lower Upper
99 100
42 24.4 19.7 29.5
71 37.2 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138529.D
Acq: 11 Jul 2024 18:17

Tgt Ion: 136 Resp: 323736
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 9.6 8.1 12.1
68 5.5 4.7 7.1





#23

Nitrobenzene-d5

Concen: 105.406 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF138529.D

Acq: 11 Jul 2024 18:17

Instrument :

BNA_F

ClientSampleId :

WC-3

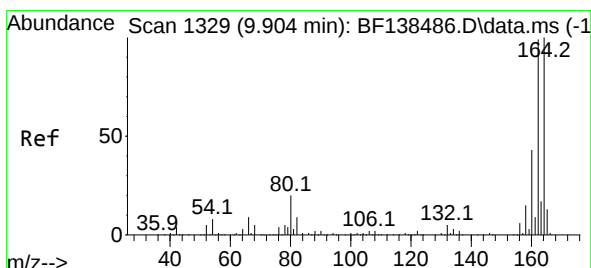
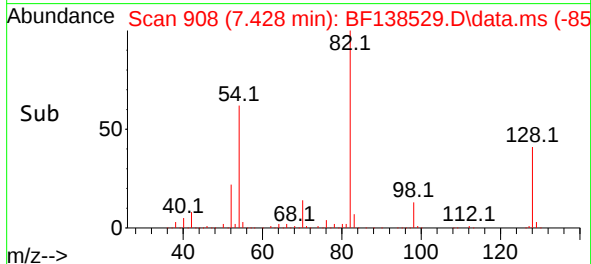
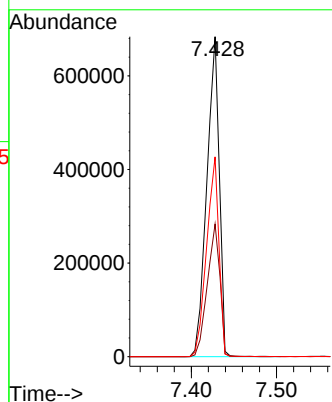
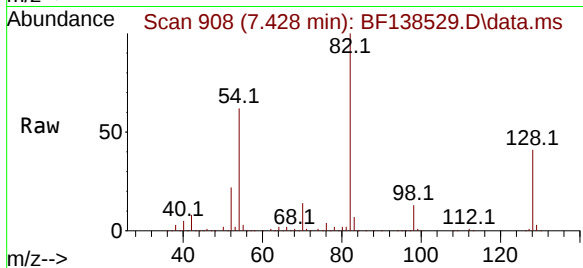
Tgt Ion: 82 Resp: 695016

Ion Ratio Lower Upper

82 100

128 41.4 32.3 48.5

54 62.5 51.4 77.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF138529.D

Acq: 11 Jul 2024 18:17

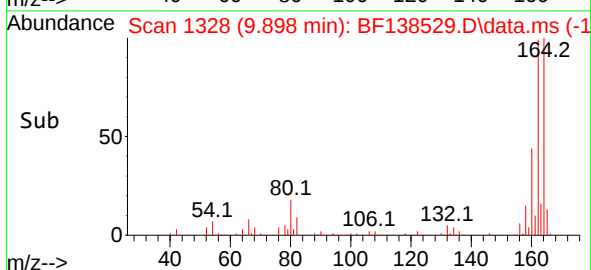
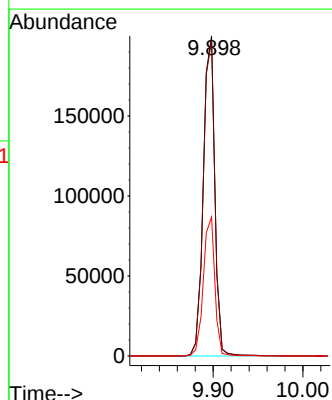
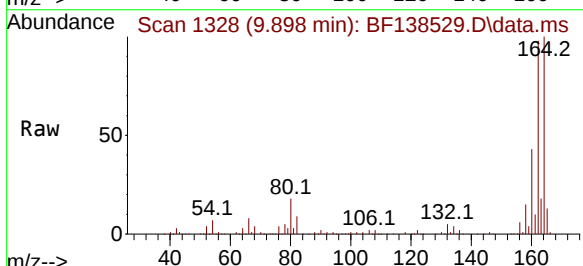
Tgt Ion:164 Resp: 177746

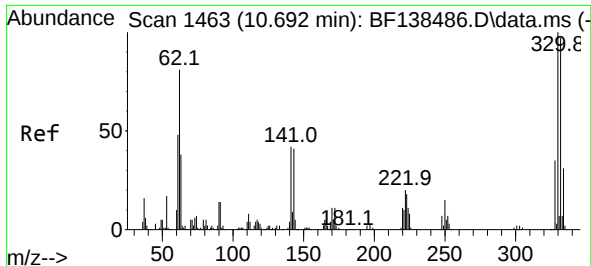
Ion Ratio Lower Upper

164 100

162 98.5 79.0 118.6

160 43.4 34.4 51.6

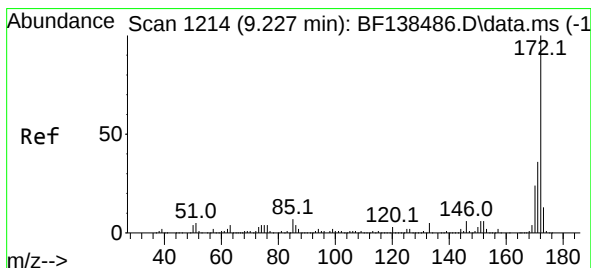
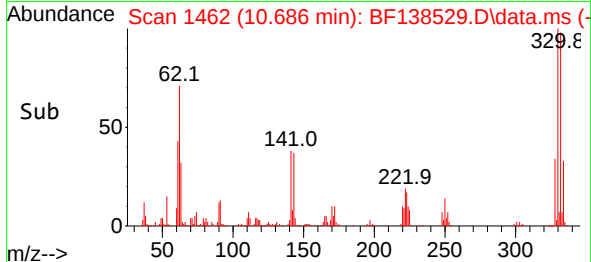
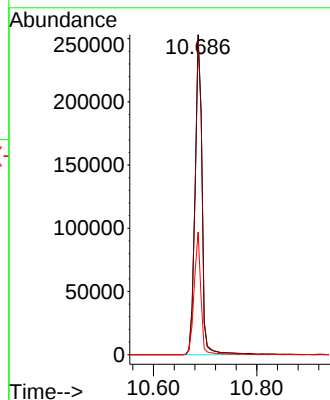
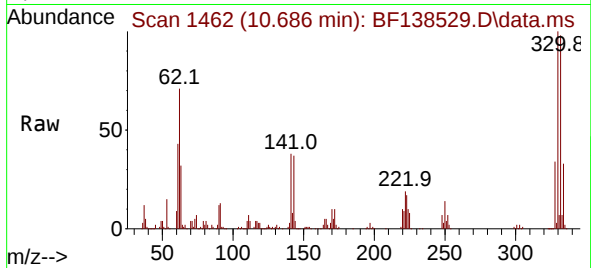




#42
2,4,6-Tribromophenol
Concen: 143.691 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138529.D
Acq: 11 Jul 2024 18:17

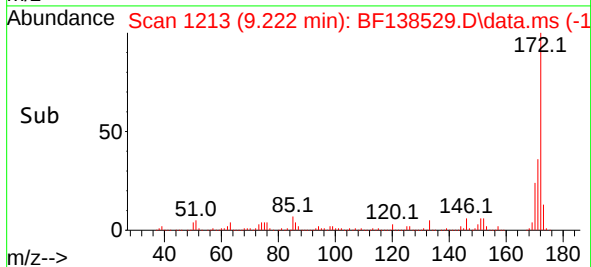
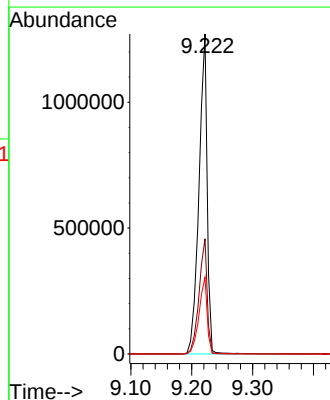
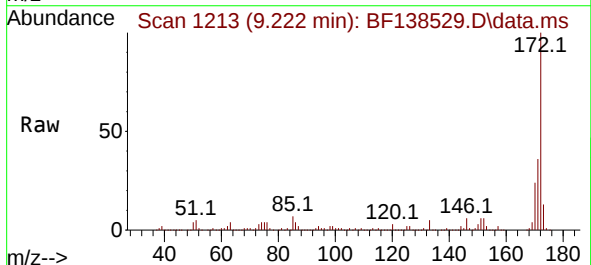
Instrument :
BNA_F
ClientSampleId :
WC-3

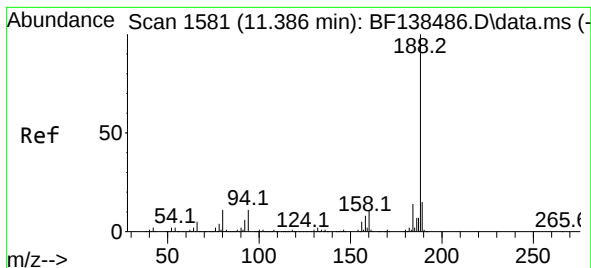
Tgt Ion:330 Resp: 238702
Ion Ratio Lower Upper
330 100
332 97.5 76.8 115.2
141 36.9 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 105.246 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138529.D
Acq: 11 Jul 2024 18:17

Tgt Ion:172 Resp: 1196937
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.9 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138529.D

Acq: 11 Jul 2024 18:17

Instrument :

BNA_F

ClientSampleId :

WC-3

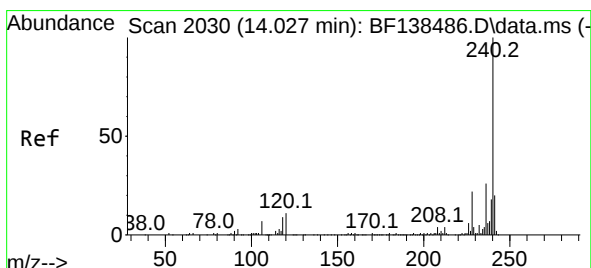
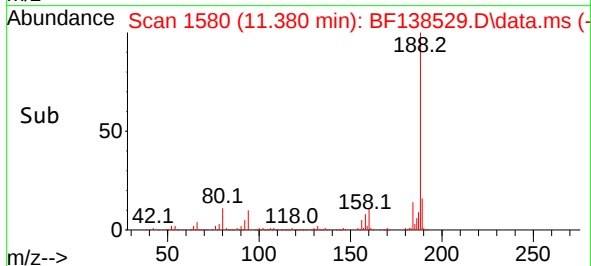
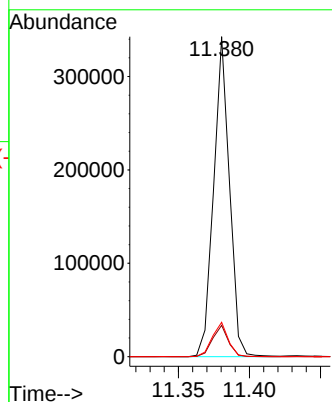
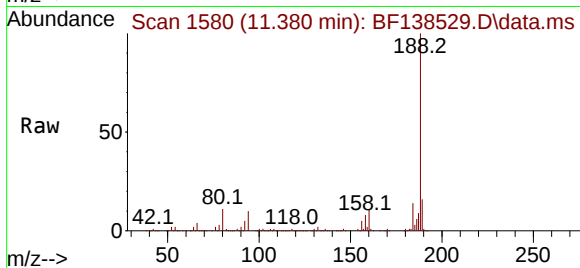
Tgt Ion:188 Resp: 264936

Ion Ratio Lower Upper

188 100

94 9.8 8.7 13.1

80 10.8 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF138529.D

Acq: 11 Jul 2024 18:17

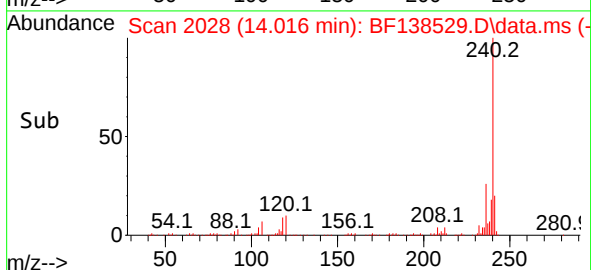
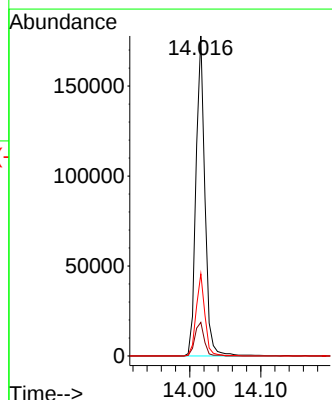
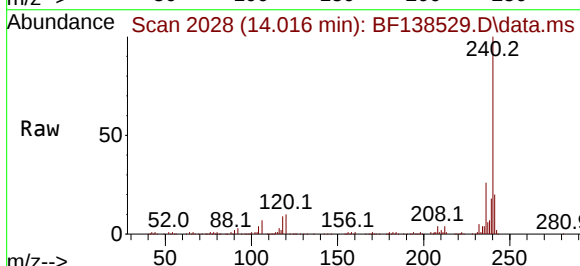
Tgt Ion:240 Resp: 155867

Ion Ratio Lower Upper

240 100

120 10.5 8.6 12.8

236 25.6 21.0 31.6

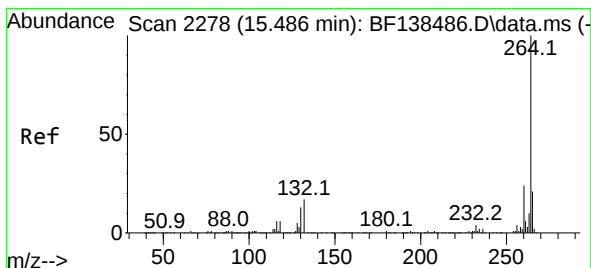
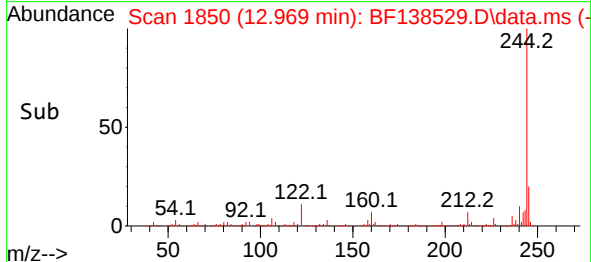
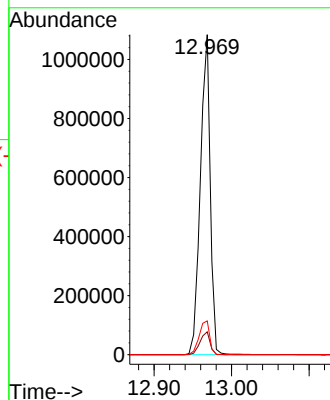
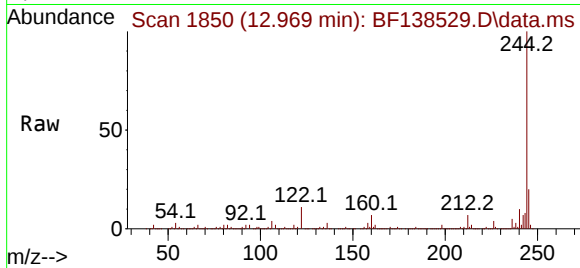




#79
 Terphenyl-d14
 Concen: 100.155 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF138529.D
 Acq: 11 Jul 2024 18:17

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Tgt Ion:244 Resp: 958236
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 10.6 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.006 min
 Lab File: BF138529.D
 Acq: 11 Jul 2024 18:17

Tgt Ion:264 Resp: 123197
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.0 17.0 25.4

