

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
 Data File : BF138308.D
 Acq On : 24 Jun 2024 14:13
 Operator : CG\JU
 Sample : P2998-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPL

Quant Time: Jun 24 15:23:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	270374	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1020823	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	548905	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	825157	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	543065	20.000	ng	-0.01
86) Perylene-d12	15.515	264	626266	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1560113	96.526	ng	0.00
7) Phenol-d6	6.516	99	1953676	95.325	ng	0.00
23) Nitrobenzene-d5	7.445	82	1195780	68.194	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	498131	91.158	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	2339800	67.783	ng	-0.01
79) Terphenyl-d14	12.992	244	2042049	59.556	ng	0.00

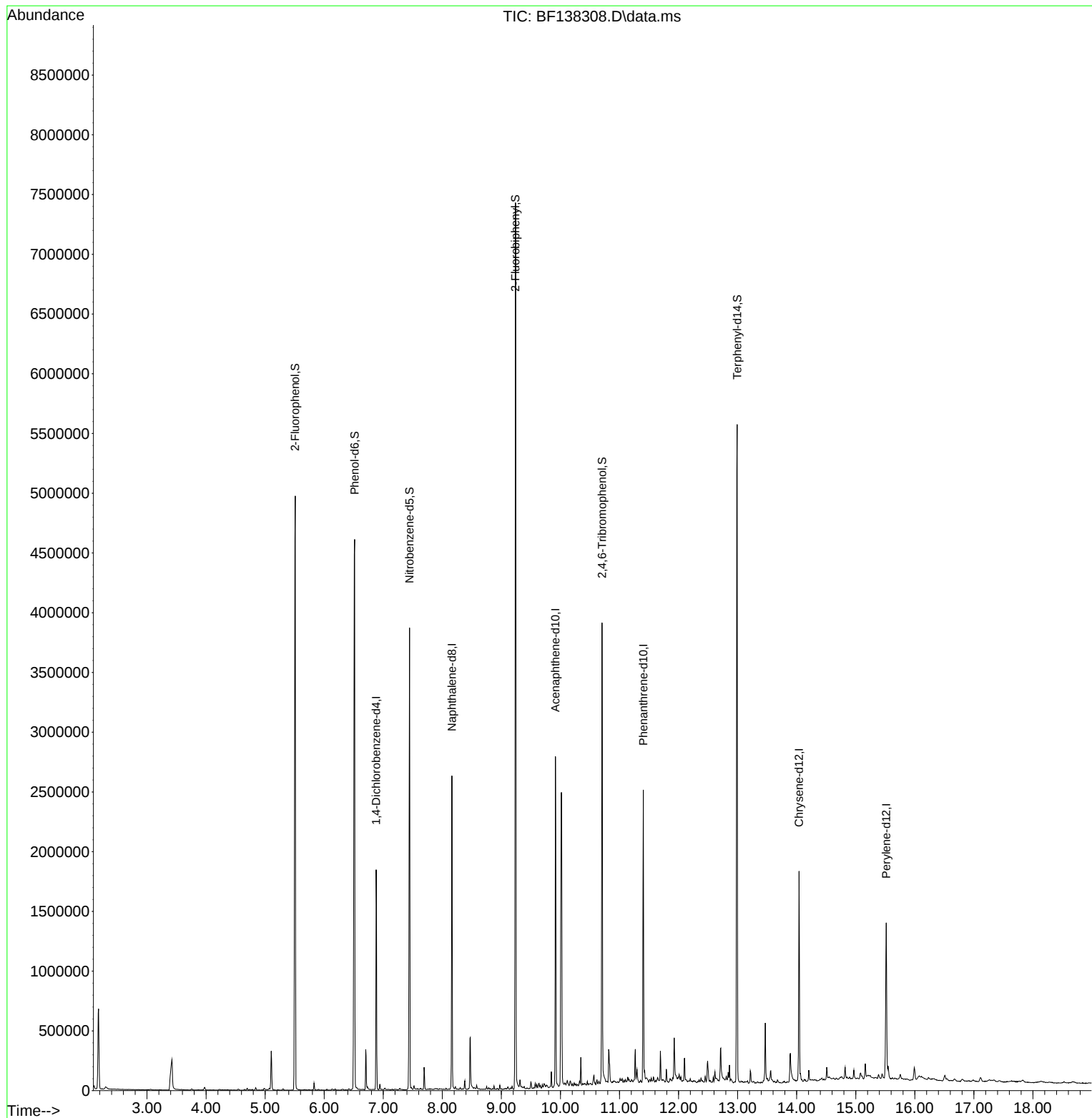
Target Compounds	Qvalue

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

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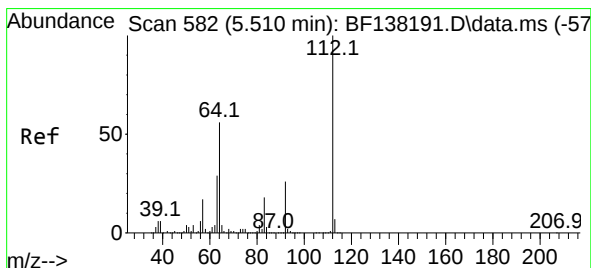
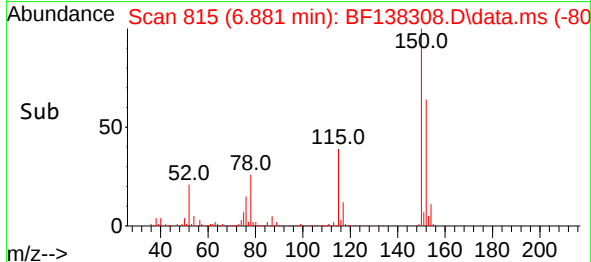
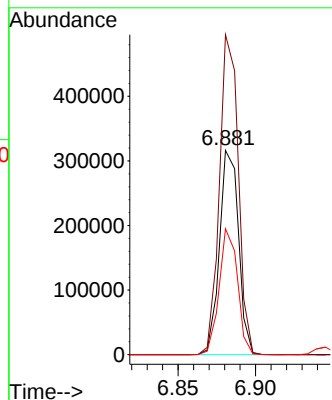
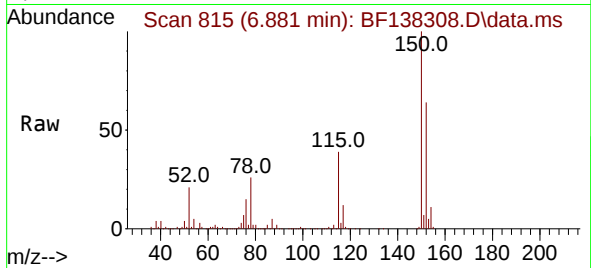




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 815
 Delta R.T. -0.012 min
 Lab File: BF138308.D
 Acq: 24 Jun 2024 14:13

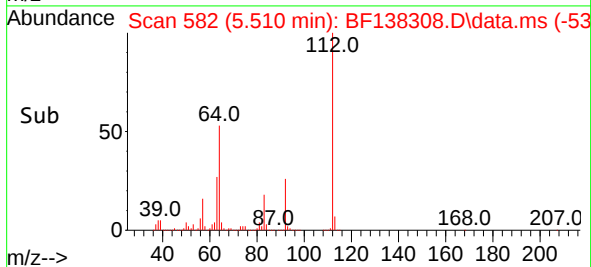
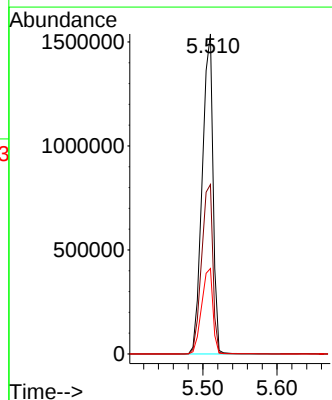
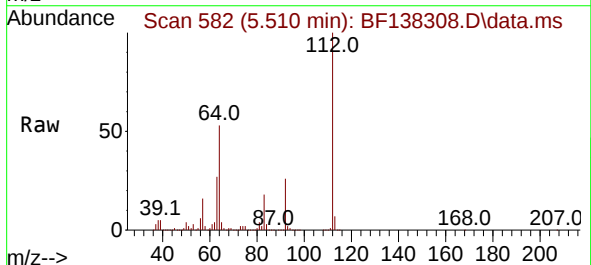
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPL

Tgt Ion:152 Resp: 270374
 Ion Ratio Lower Upper
 152 100
 150 156.6 125.0 187.4
 115 61.6 48.4 72.6



#5
 2-Fluorophenol
 Concen: 96.526 ng
 RT: 5.510 min Scan# 582
 Delta R.T. -0.000 min
 Lab File: BF138308.D
 Acq: 24 Jun 2024 14:13

Tgt Ion:112 Resp: 1560113
 Ion Ratio Lower Upper
 112 100
 64 53.0 45.2 67.8
 63 26.7 22.9 34.3

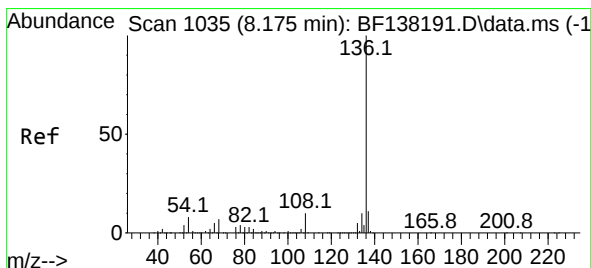
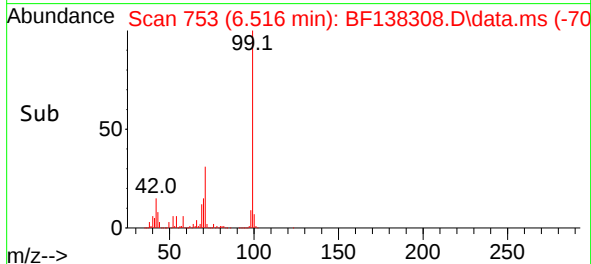
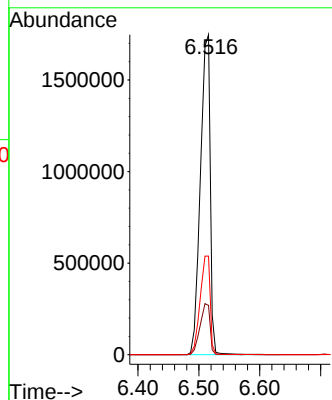
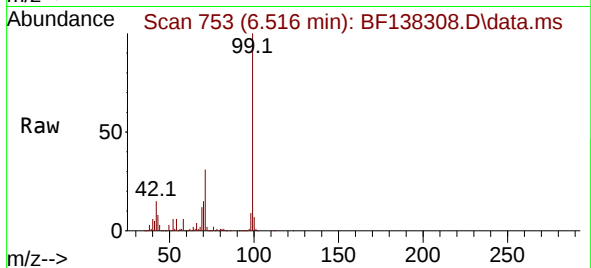




#7
Phenol-d6
Concen: 95.325 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138308.D
Acq: 24 Jun 2024 14:13

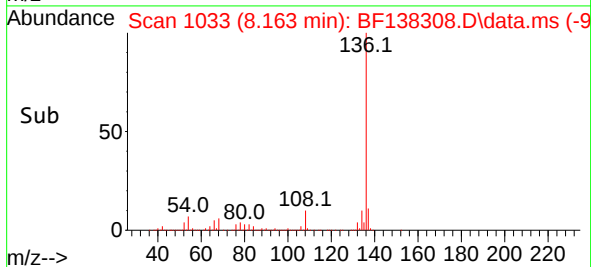
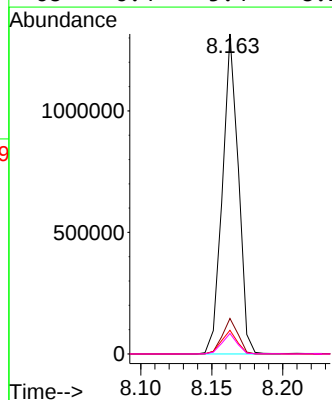
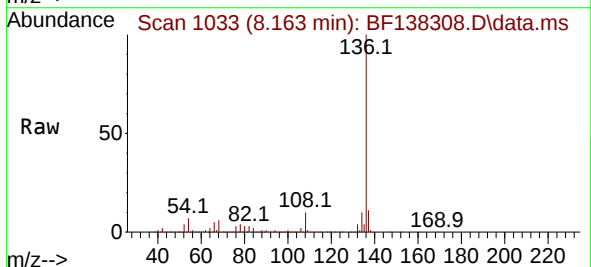
Instrument :
BNA_F
ClientSampleId :
WCS-TPL

Tgt Ion: 99 Resp: 1953676
Ion Ratio Lower Upper
99 100
42 15.4 13.7 20.5
71 30.8 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138308.D
Acq: 24 Jun 2024 14:13

Tgt Ion:136 Resp: 1020823
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.4 6.6 10.0
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 68.194 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138308.D

Acq: 24 Jun 2024 14:13

Instrument :

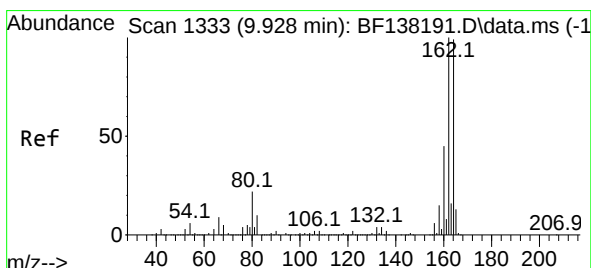
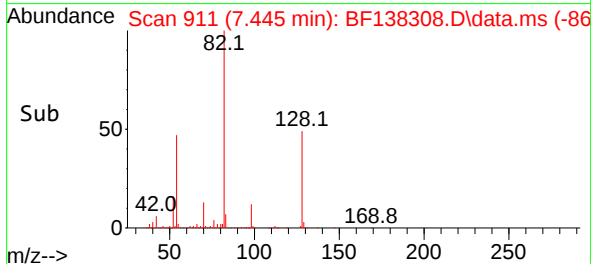
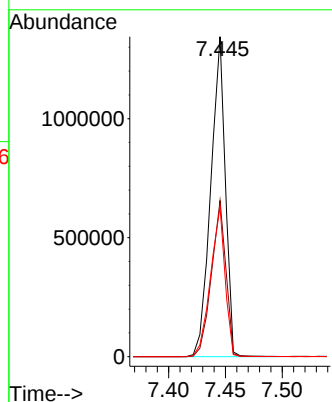
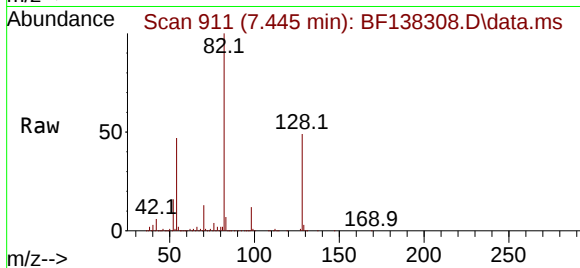
BNA_F

ClientSampleId :

WCS-TPL

Tgt Ion: 82 Resp: 1195780

Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.2	55.8
54	46.8	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

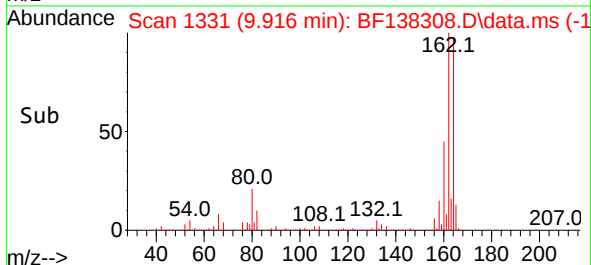
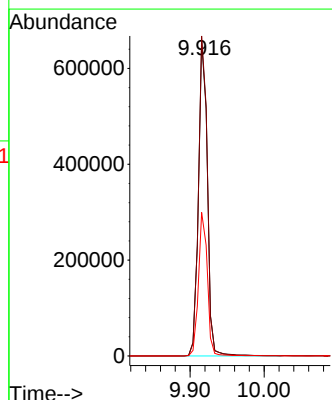
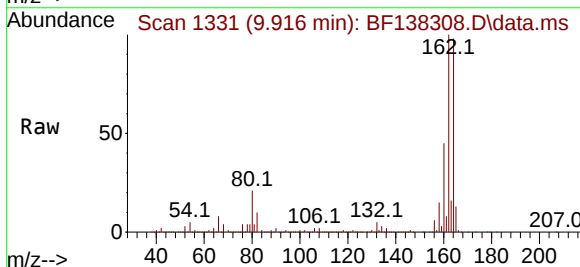
Delta R.T. -0.012 min

Lab File: BF138308.D

Acq: 24 Jun 2024 14:13

Tgt Ion: 164 Resp: 548905

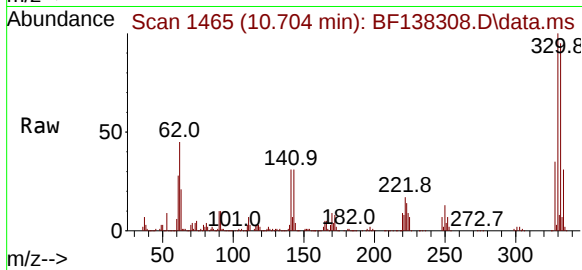
Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	121.0
160	45.6	36.3	54.5



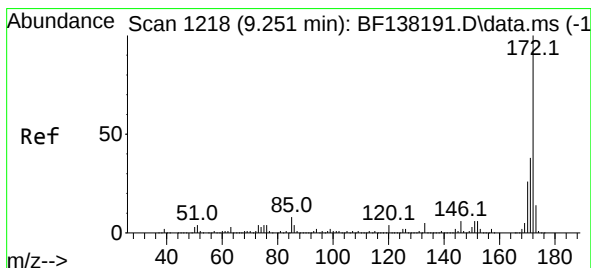
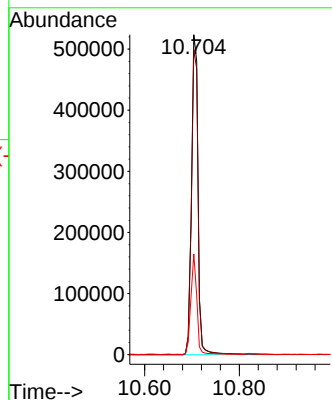
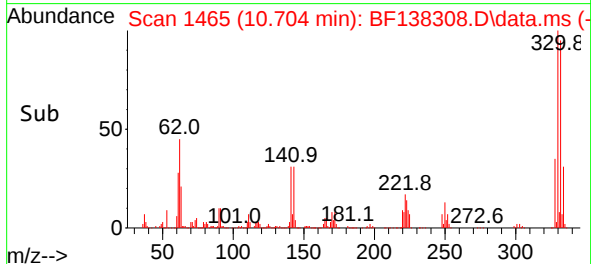


#42
2,4,6-Tribromophenol
Concen: 91.158 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138308.D
Acq: 24 Jun 2024 14:13

Instrument :
BNA_F
ClientSampleId :
WCS-TPL

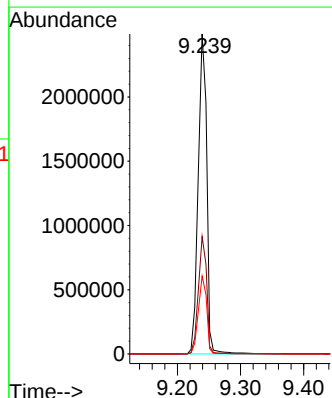
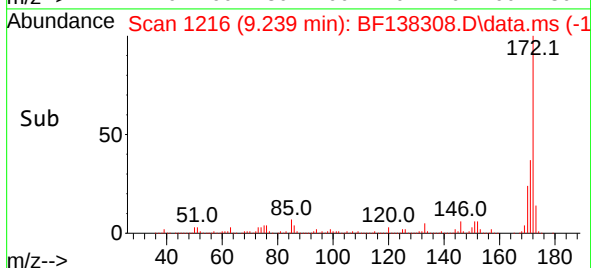
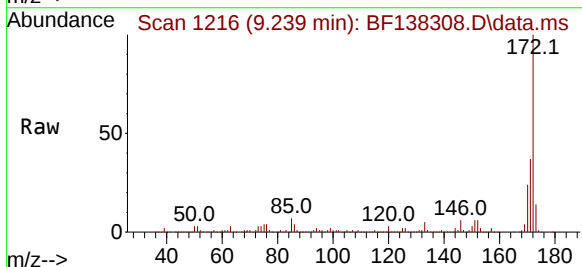


Tgt Ion:330 Resp: 498131
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 28.5 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 67.783 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138308.D
Acq: 24 Jun 2024 14:13

Tgt Ion:172 Resp: 2339800
Ion Ratio Lower Upper
172 100
171 36.7 30.3 45.5
170 24.4 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138308.D

Acq: 24 Jun 2024 14:13

Instrument :

BNA_F

ClientSampleId :

WCS-TPL

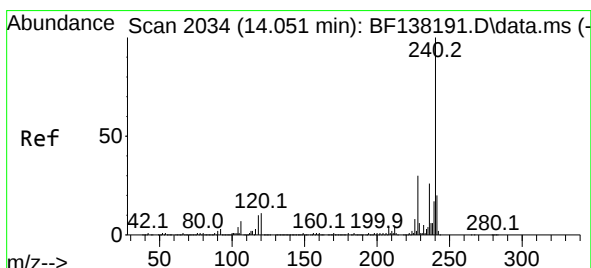
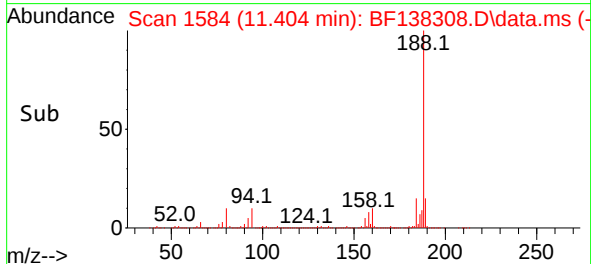
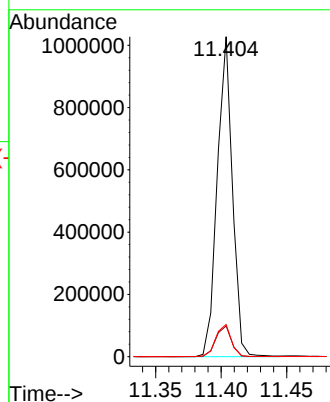
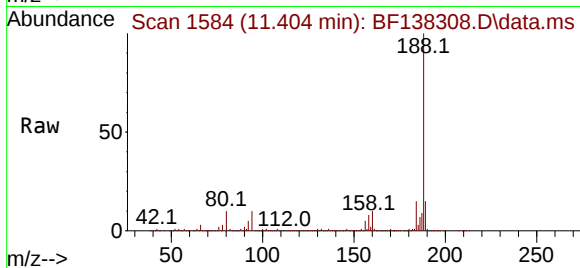
Tgt Ion:188 Resp: 825157

Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

80 10.1 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF138308.D

Acq: 24 Jun 2024 14:13

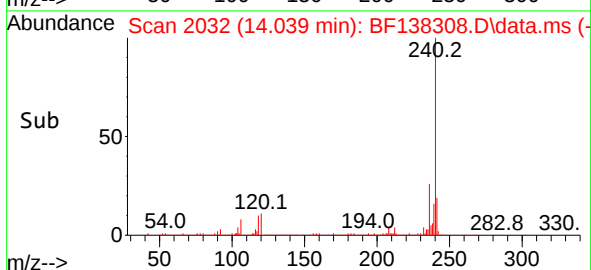
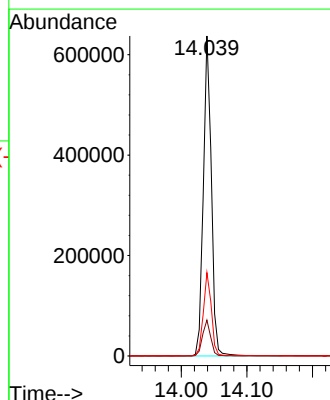
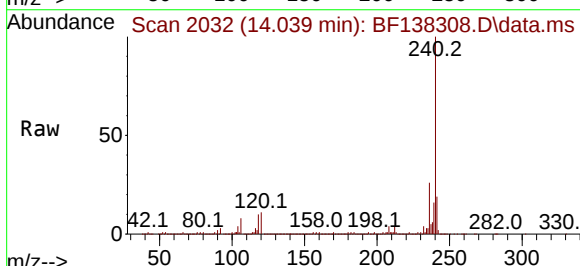
Tgt Ion:240 Resp: 543065

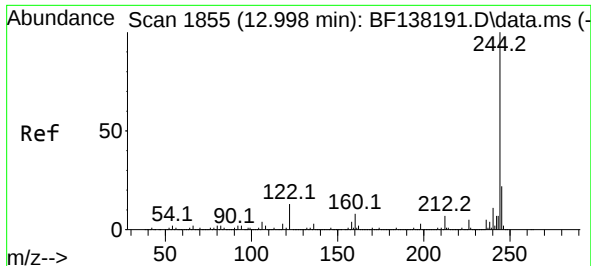
Ion Ratio Lower Upper

240 100

120 11.2 9.2 13.8

236 26.0 21.0 31.6

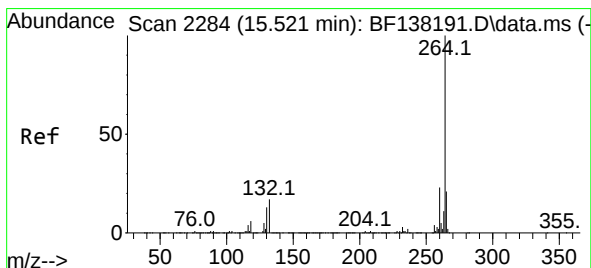
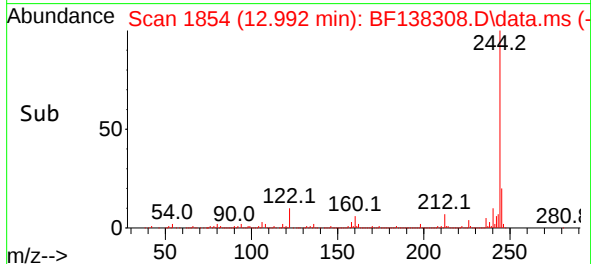
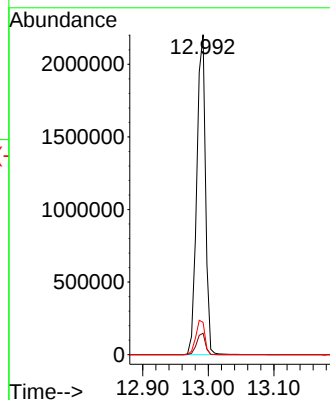
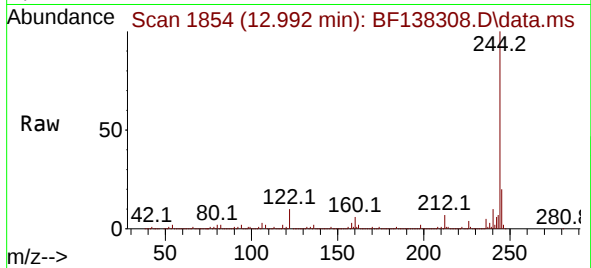




#79
 Terphenyl-d14
 Concen: 59.556 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.006 min
 Lab File: BF138308.D
 Acq: 24 Jun 2024 14:13

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPL

Tgt Ion:244 Resp: 2042049
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 10.1 10.6 15.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF138308.D
 Acq: 24 Jun 2024 14:13

Tgt Ion:264 Resp: 626266
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 21.6 17.0 25.6

