

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
 Data File : BF138326.D
 Acq On : 25 Jun 2024 10:46
 Operator : CG\JU
 Sample : PB161675BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161675BL

Quant Time: Jun 25 11:42:41 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	6.887	152	218832	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	869773	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	507782	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	921288	20.000	ng	0.00
76) Chrysene-d12	14.045	240	643670	20.000	ng	0.00
86) Perylene-d12	15.521	264	596262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1583278	121.031	ng	0.01
7) Phenol-d6	6.516	99	1958808	118.086	ng	0.00
23) Nitrobenzene-d5	7.451	82	1253941	83.930	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	683524	135.215	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2485126	77.823	ng	0.00
79) Terphenyl-d14	12.998	244	3002724	73.886	ng	0.00

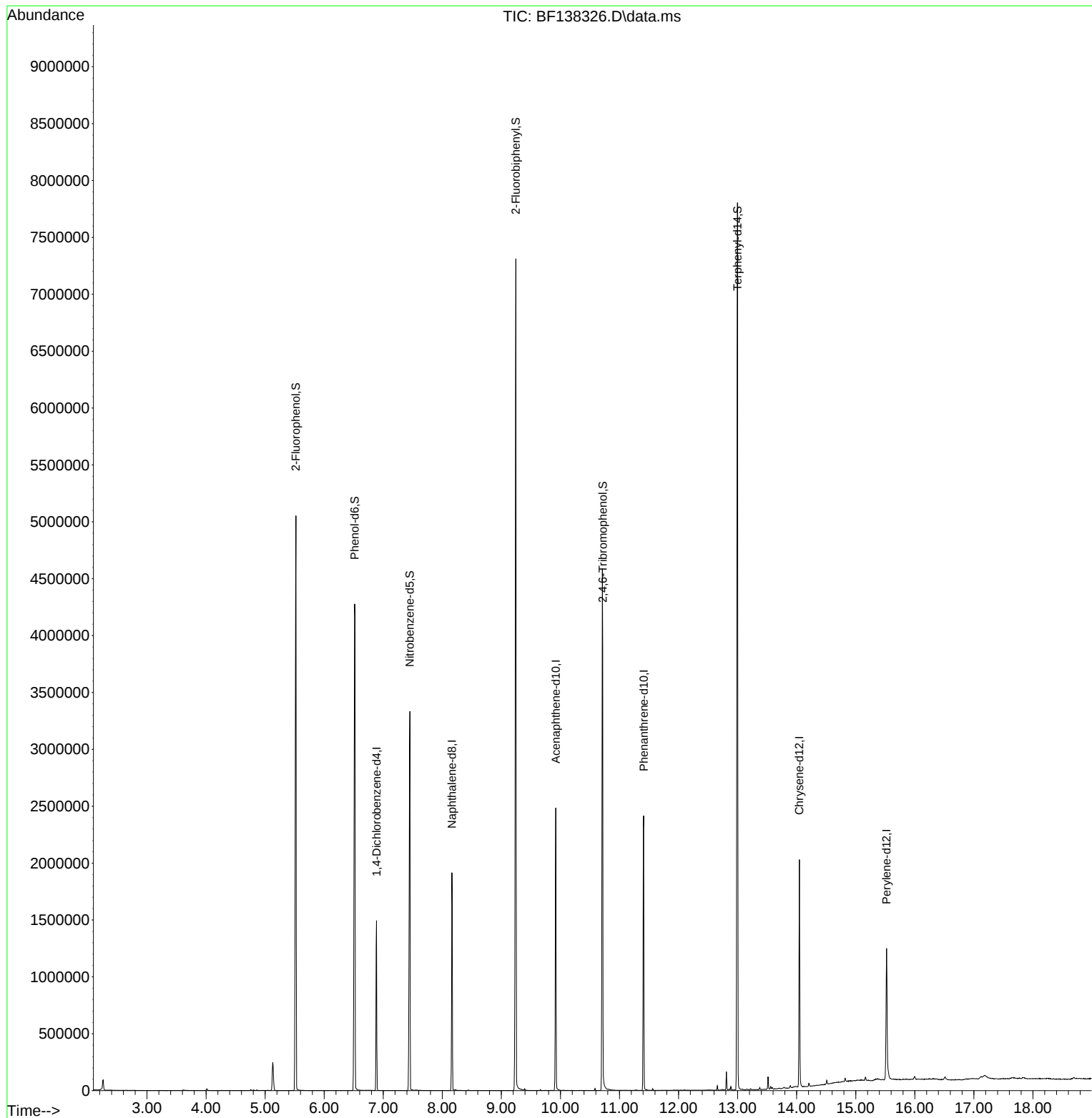
Target Compounds	Qvalue

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

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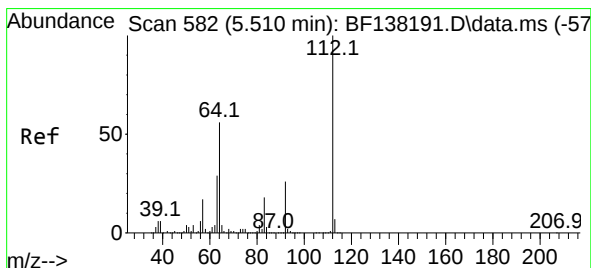
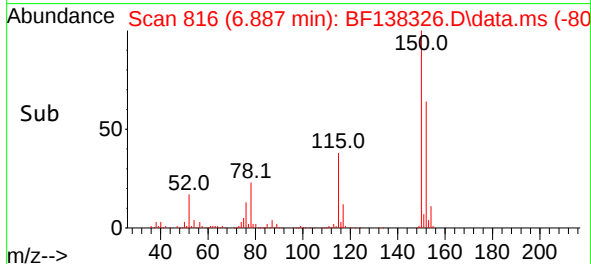
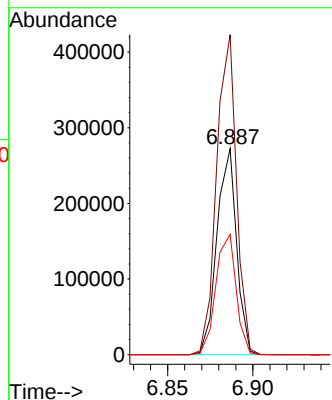
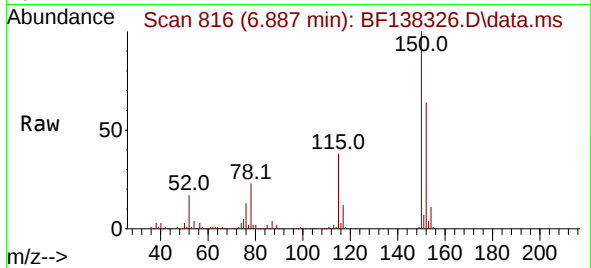




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF138326.D
Acq: 25 Jun 2024 10:46

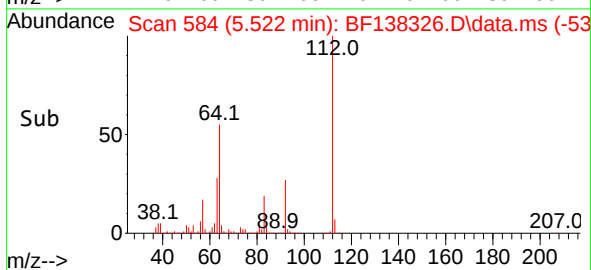
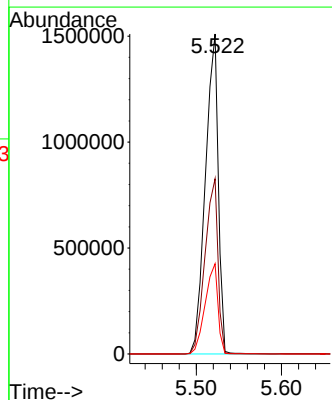
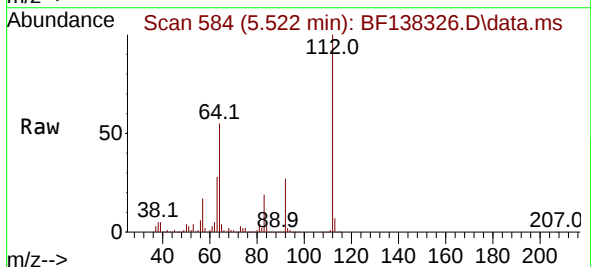
Instrument :
BNA_F
ClientSampleId :
PB161675BL

Tgt Ion:152 Resp: 218832
Ion Ratio Lower Upper
152 100
150 155.3 125.0 187.4
115 58.4 48.4 72.6



#5
2-Fluorophenol
Concen: 121.031 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF138326.D
Acq: 25 Jun 2024 10:46

Tgt Ion:112 Resp: 1583278
Ion Ratio Lower Upper
112 100
64 54.7 45.2 67.8
63 28.2 22.9 34.3

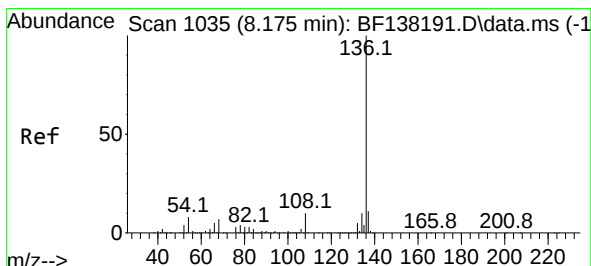
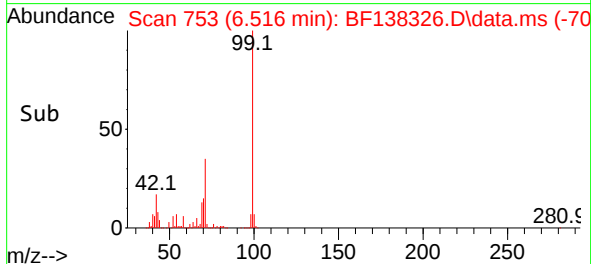
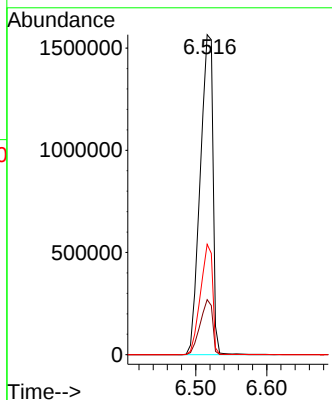
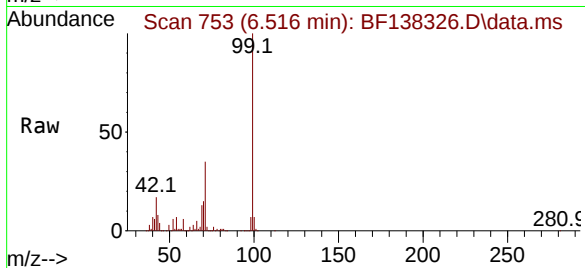




#7
Phenol-d6
Concen: 118.086 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138326.D
Acq: 25 Jun 2024 10:46

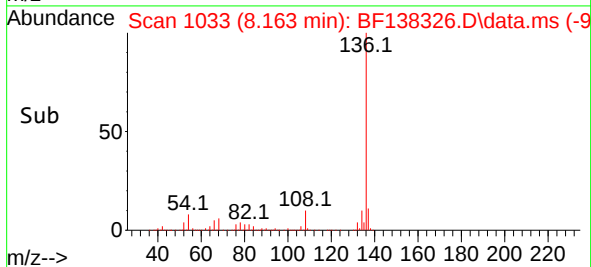
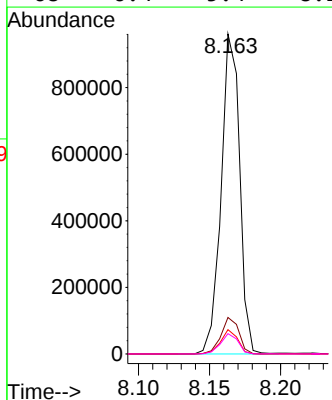
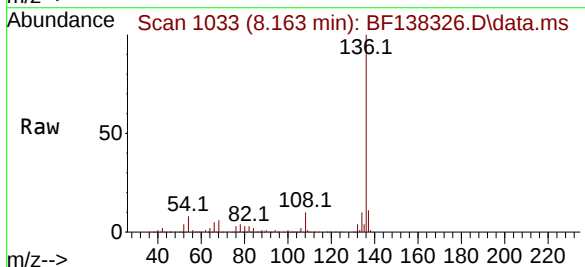
Instrument :
BNA_F
ClientSampleId :
PB161675BL

Tgt Ion: 99 Resp: 1958808
Ion Ratio Lower Upper
99 100
42 17.2 13.7 20.5
71 34.5 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: BF138326.D
Acq: 25 Jun 2024 10:46

Tgt Ion:136 Resp: 869773
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.6 6.6 10.0
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 83.930 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF138326.D

Acq: 25 Jun 2024 10:46

Instrument :

BNA_F

ClientSampleId :

PB161675BL

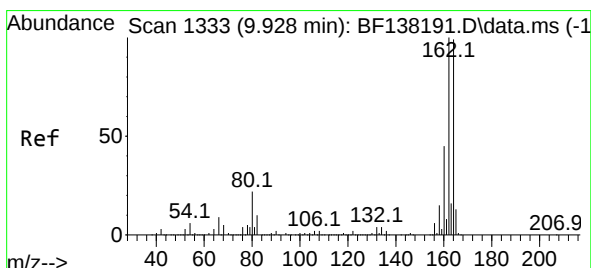
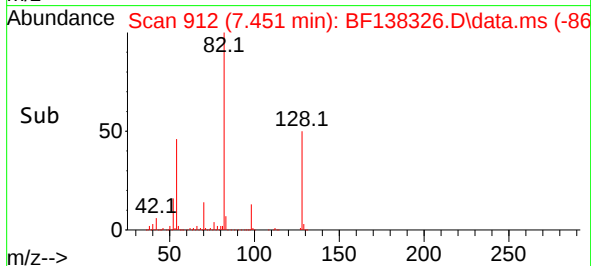
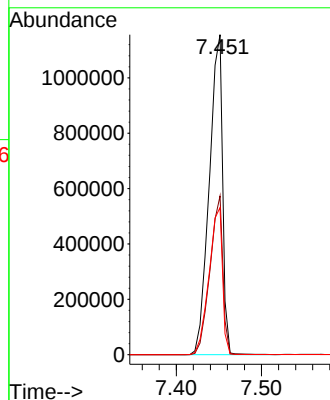
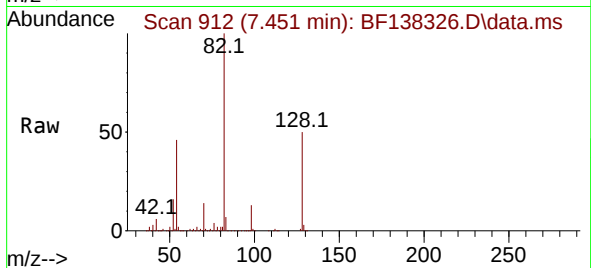
Tgt Ion: 82 Resp: 1253941

Ion Ratio Lower Upper

82 100

128 49.6 37.2 55.8

54 46.0 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF138326.D

Acq: 25 Jun 2024 10:46

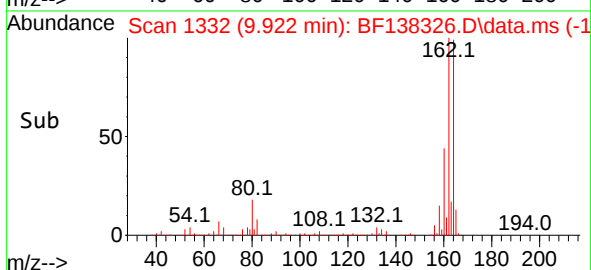
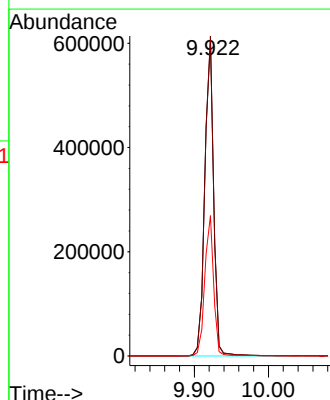
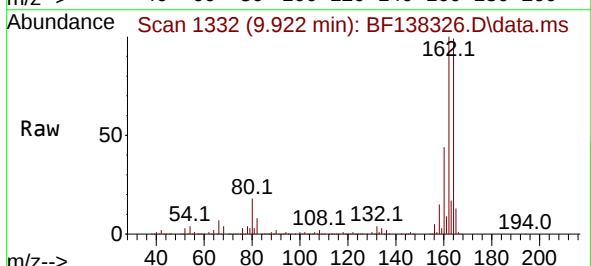
Tgt Ion: 164 Resp: 507782

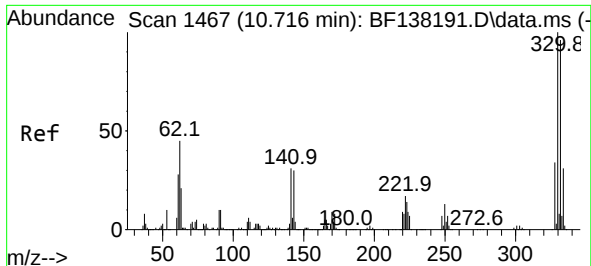
Ion Ratio Lower Upper

164 100

162 101.4 80.6 121.0

160 44.4 36.3 54.5

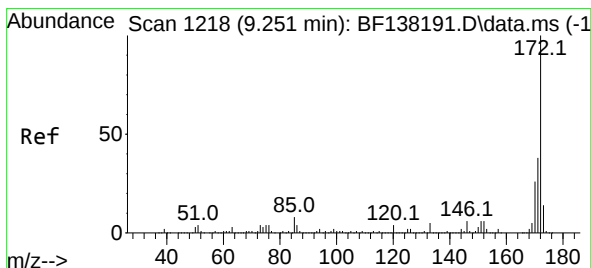
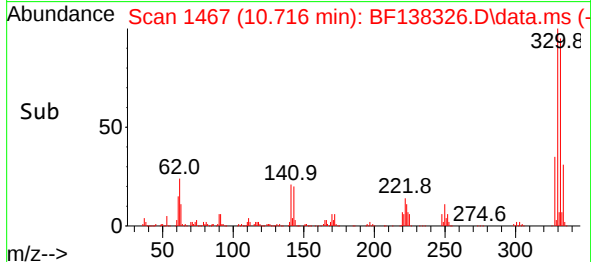
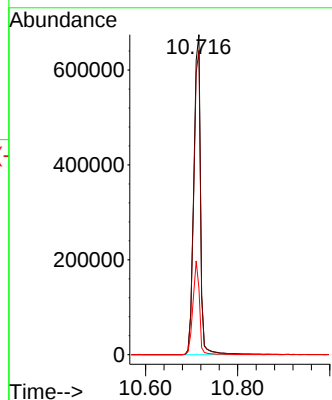
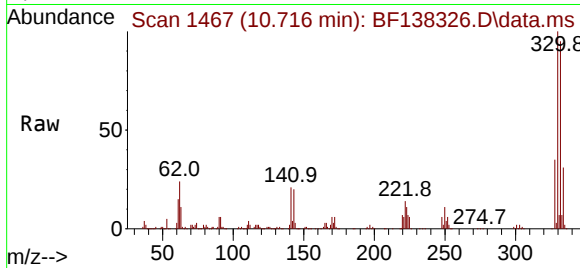




#42
2,4,6-Tribromophenol
Concen: 135.215 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138326.D
Acq: 25 Jun 2024 10:46

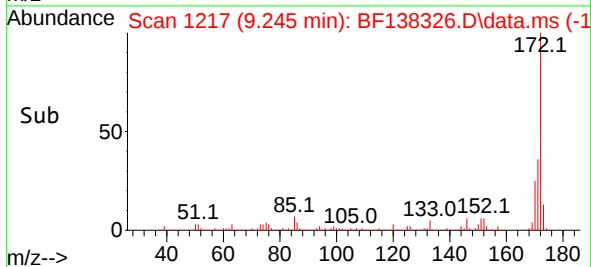
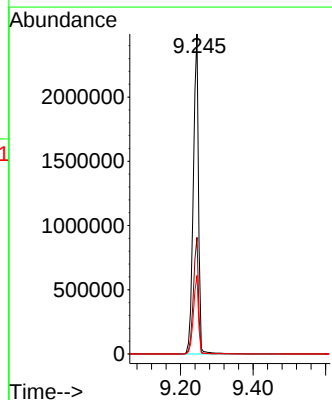
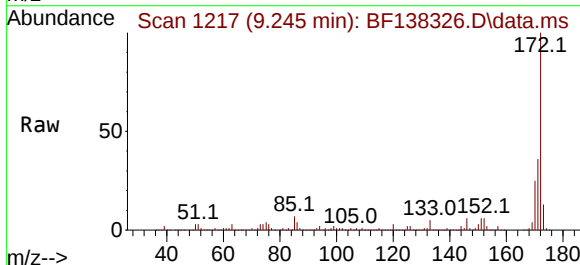
Instrument :
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ClientSampleId :
PB161675BL

Tgt Ion:330 Resp: 683524
Ion Ratio Lower Upper
330 100
332 95.9 76.6 115.0
141 28.3 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 77.823 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF138326.D
Acq: 25 Jun 2024 10:46

Tgt Ion:172 Resp: 2485126
Ion Ratio Lower Upper
172 100
171 36.4 30.3 45.5
170 24.6 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138326.D

Acq: 25 Jun 2024 10:46

Instrument :

BNA_F

ClientSampleId :

PB161675BL

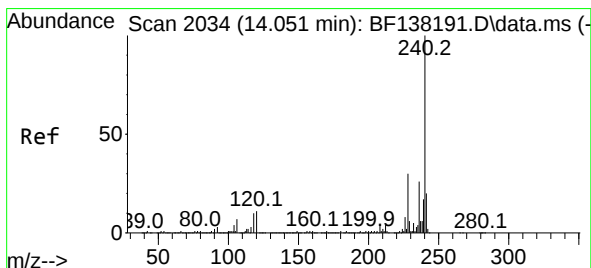
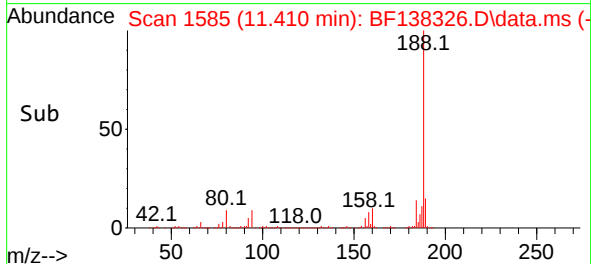
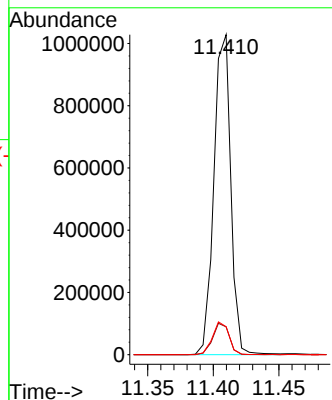
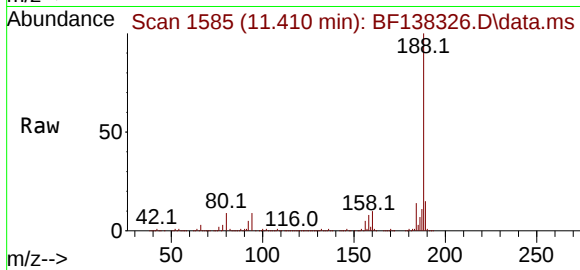
Tgt Ion:188 Resp: 921288

Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

80 8.8 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF138326.D

Acq: 25 Jun 2024 10:46

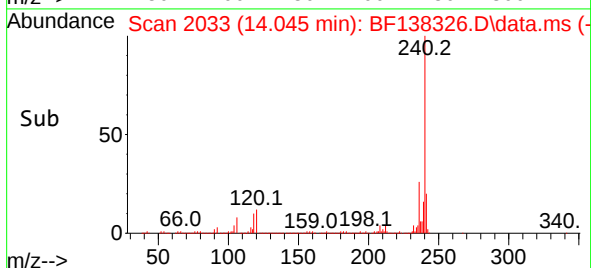
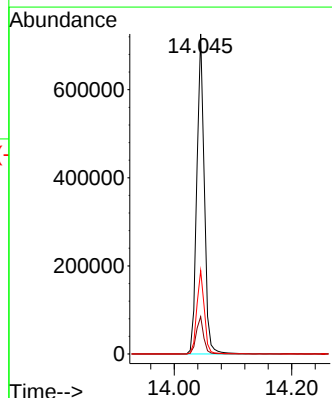
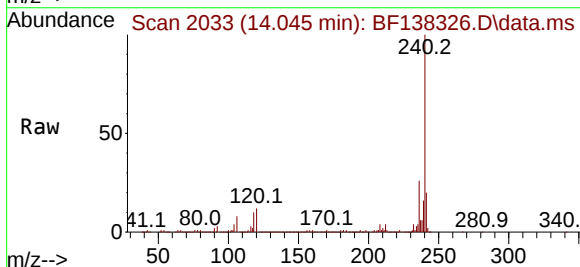
Tgt Ion:240 Resp: 643670

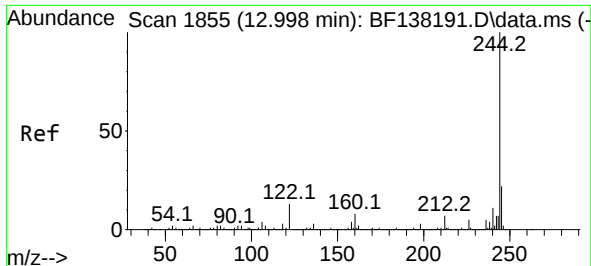
Ion Ratio Lower Upper

240 100

120 11.7 9.2 13.8

236 26.0 21.0 31.6

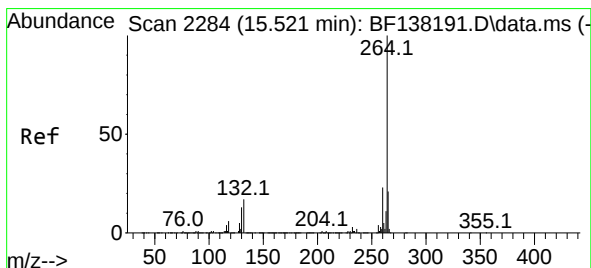
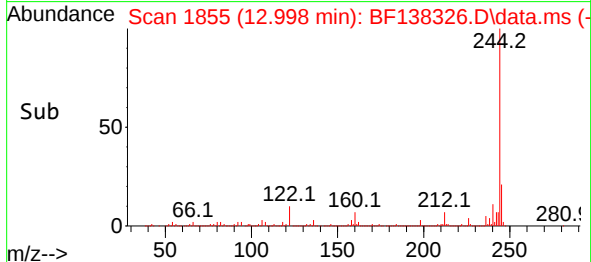
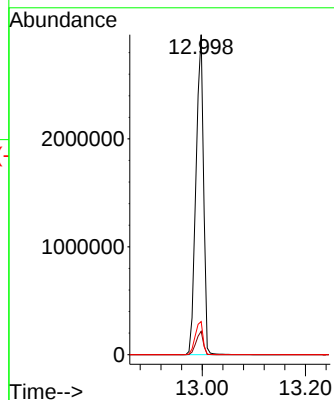
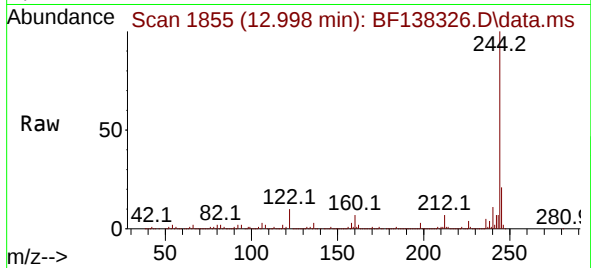




#79
 Terphenyl-d14
 Concen: 73.886 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. -0.000 min
 Lab File: BF138326.D
 Acq: 25 Jun 2024 10:46

Instrument :
 BNA_F
 ClientSampleId :
 PB161675BL

Tgt Ion:244 Resp: 3002724
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.3 10.6 15.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: BF138326.D
 Acq: 25 Jun 2024 10:46

Tgt Ion:264 Resp: 596262
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.7 17.0 25.6

