

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
 Data File : BF138200.D
 Acq On : 17 Jun 2024 13:05
 Operator : CG\JU
 Sample : PB161511BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161511BL

Quant Time: Jun 17 13:30:06 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	6.892	152	453181	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1799696	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	996762	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1786447	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	1232147	20.000	ng	0.00
86) Perylene-d12	15.521	264	1101660	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	3080264	113.702	ng	0.02
7) Phenol-d6	6.522	99	3814802	111.050	ng	0.00
23) Nitrobenzene-d5	7.451	82	2386912	77.212	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	1081644	109.004	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	4371821	69.744	ng	0.00
79) Terphenyl-d14	13.004	244	4953967	63.679	ng	0.00

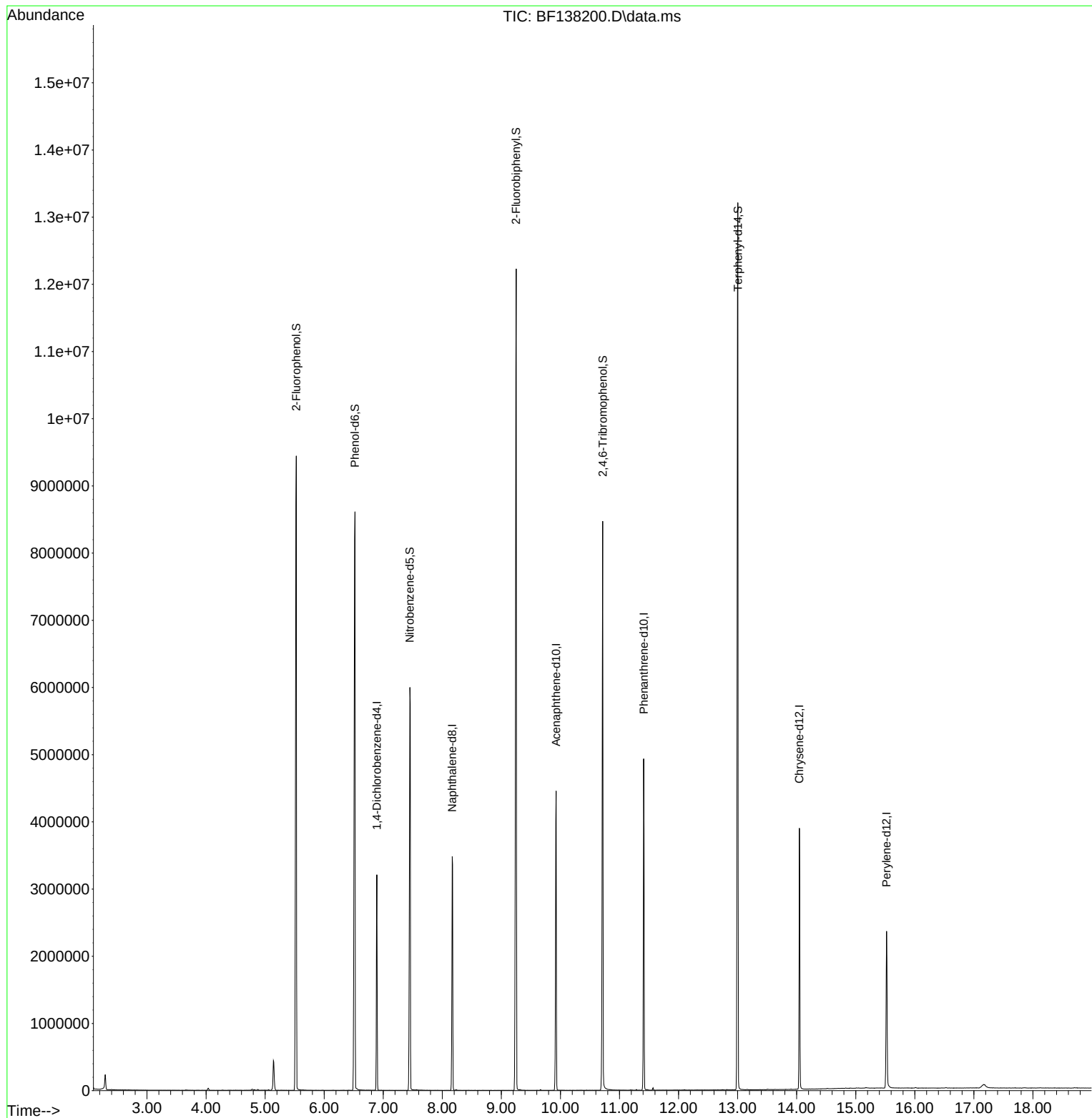
Target Compounds	Qvalue

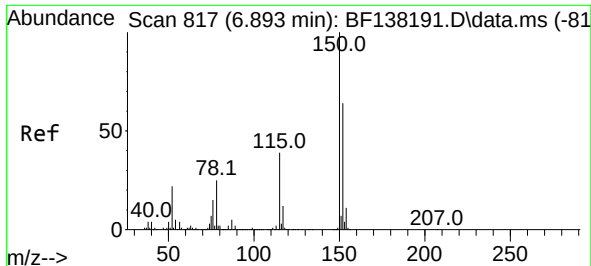
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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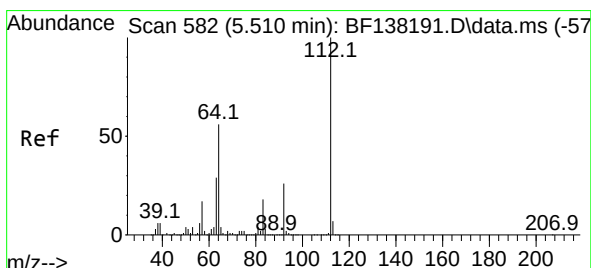
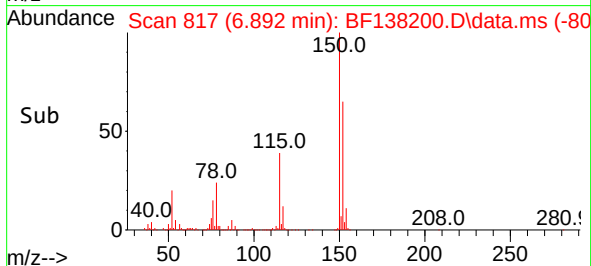
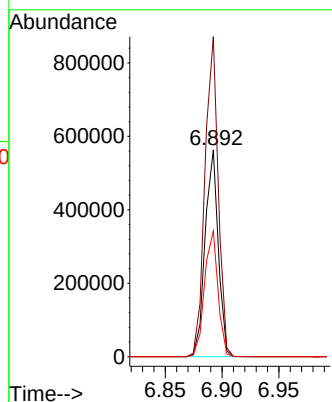
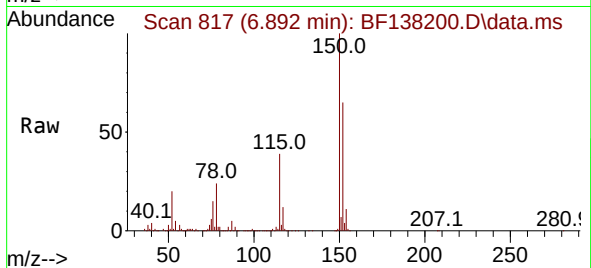




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BF138200.D
 Acq: 17 Jun 2024 13:05

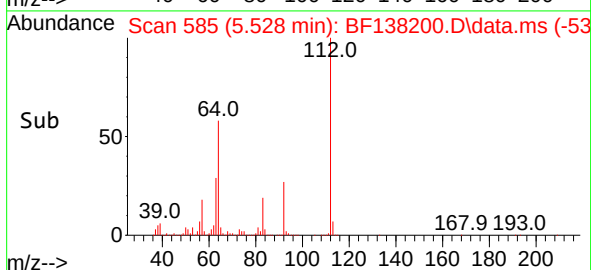
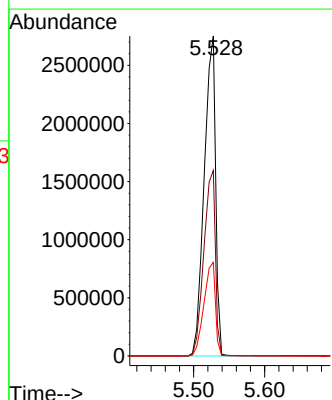
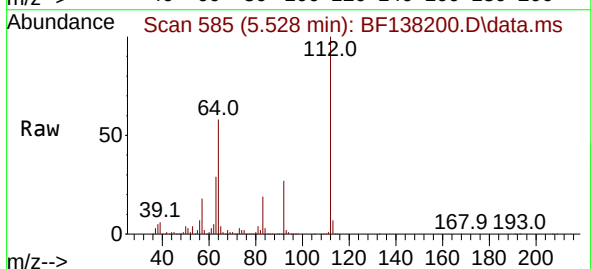
Instrument :
 BNA_F
 ClientSampleId :
 PB161511BL

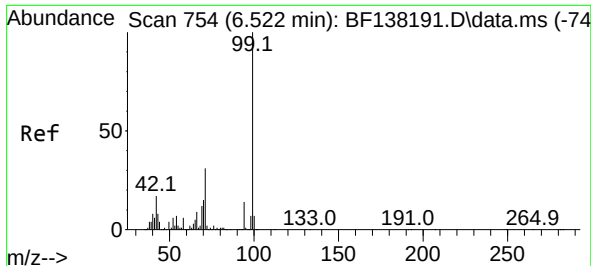
Tgt Ion:152 Resp: 453181
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.0 187.4
 115 60.7 48.4 72.6



#5
 2-Fluorophenol
 Concen: 113.702 ng
 RT: 5.528 min Scan# 585
 Delta R.T. 0.017 min
 Lab File: BF138200.D
 Acq: 17 Jun 2024 13:05

Tgt Ion:112 Resp: 3080264
 Ion Ratio Lower Upper
 112 100
 64 57.9 45.2 67.8
 63 29.2 22.9 34.3



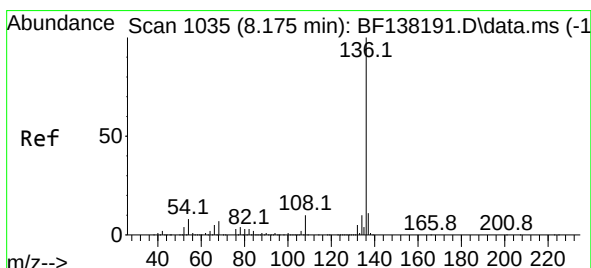
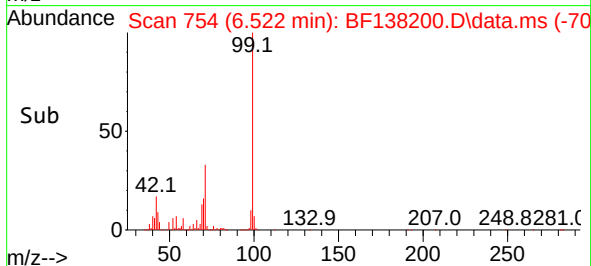
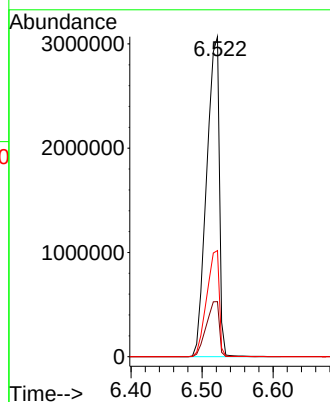
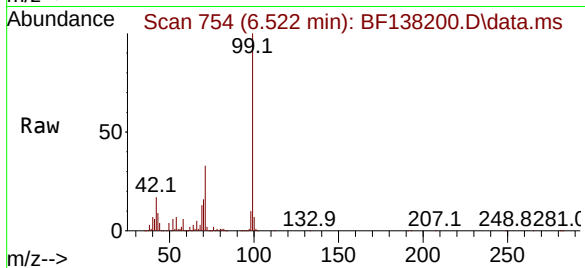


#7
Phenol-d6
Concen: 111.050 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138200.D
Acq: 17 Jun 2024 13:05

Instrument :
BNA_F
ClientSampleId :
PB161511BL

Tgt Ion: 99 Resp: 3814802

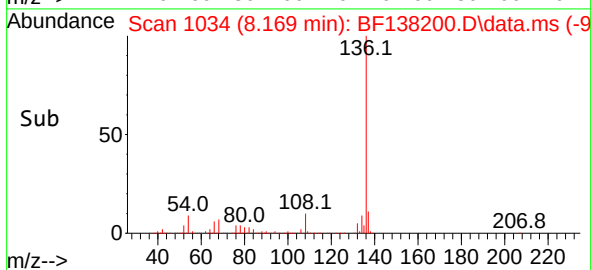
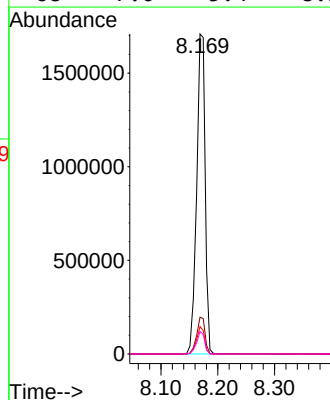
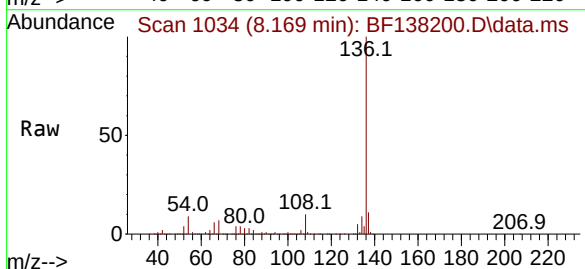
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.7	20.5
71	33.2	25.0	37.6

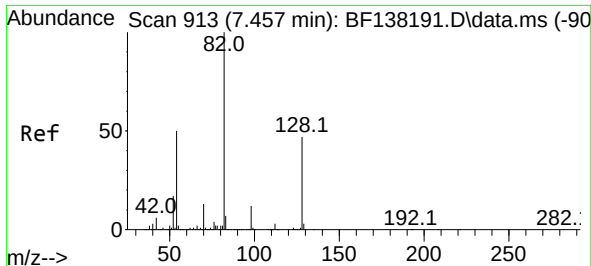


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138200.D
Acq: 17 Jun 2024 13:05

Tgt Ion:136 Resp: 1799696

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.6	6.6	10.0
68	7.0	5.4	8.2





#23

Nitrobenzene-d5

Concen: 77.212 ng

RT: 7.451 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF138200.D

Acq: 17 Jun 2024 13:05

Instrument :

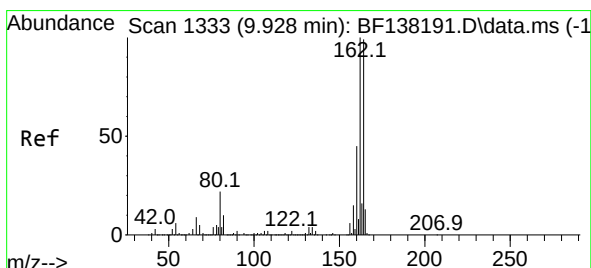
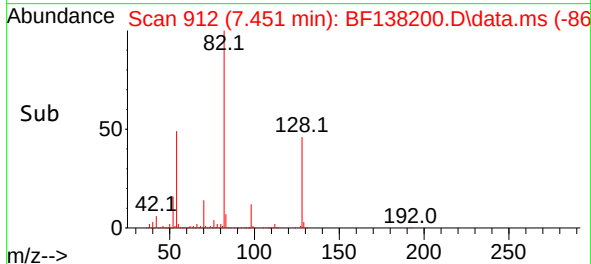
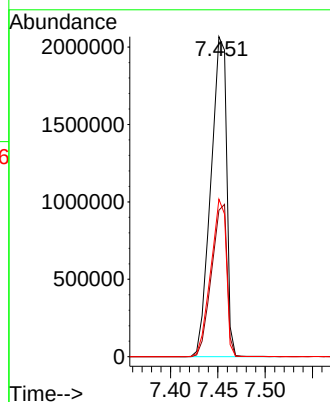
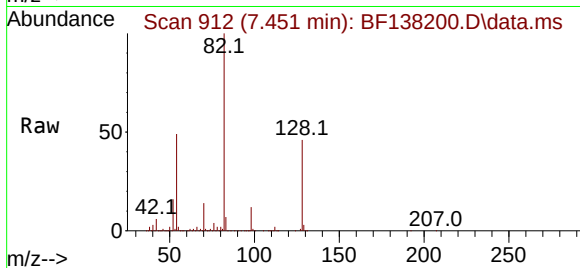
BNA_F

ClientSampleId :

PB161511BL

Tgt Ion: 82 Resp: 2386912

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.2	55.8
54	49.2	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1333

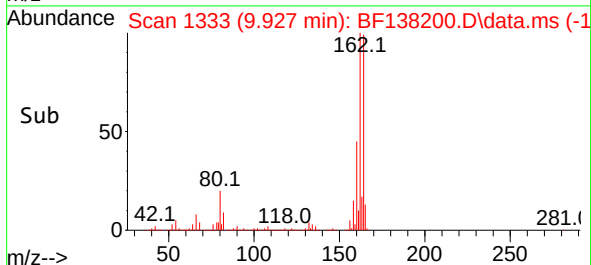
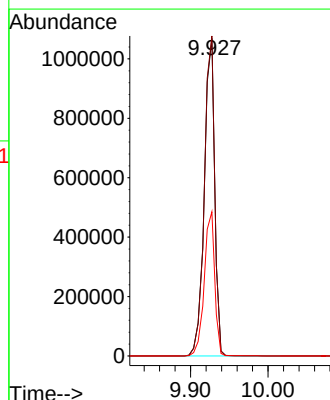
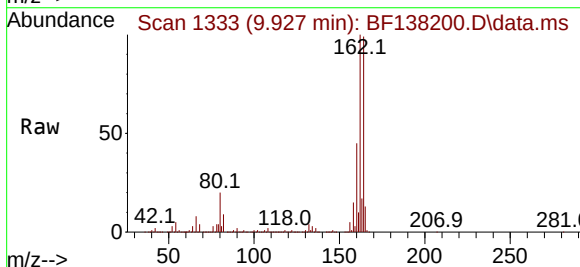
Delta R.T. -0.000 min

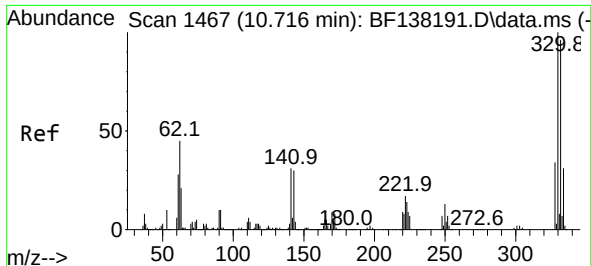
Lab File: BF138200.D

Acq: 17 Jun 2024 13:05

Tgt Ion:164 Resp: 996762

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	121.0
160	45.4	36.3	54.5

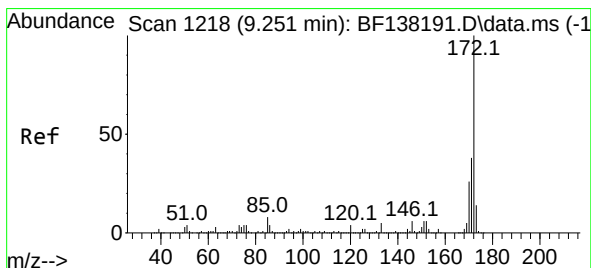
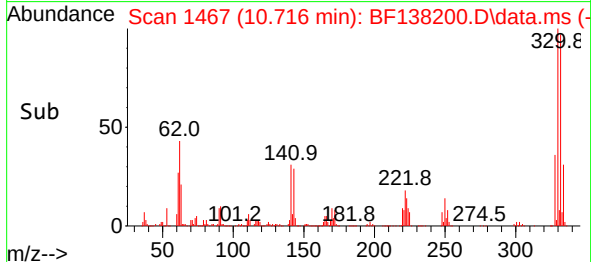
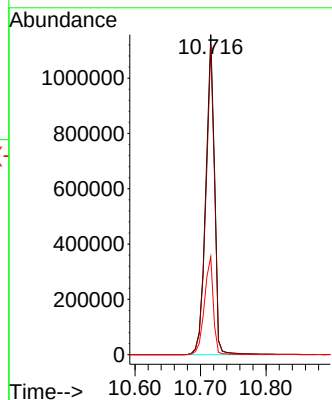
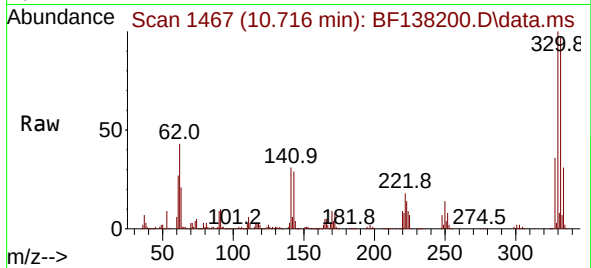




#42
2,4,6-Tribromophenol
Concen: 109.004 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138200.D
Acq: 17 Jun 2024 13:05

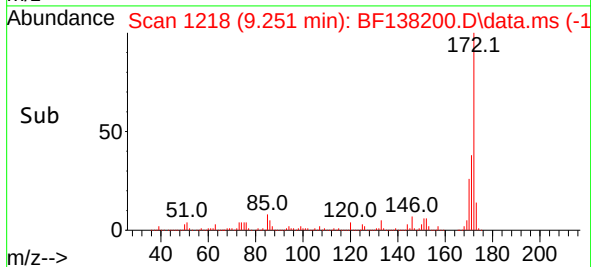
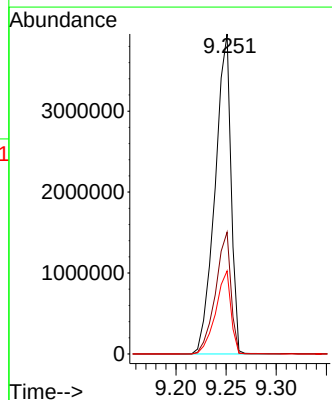
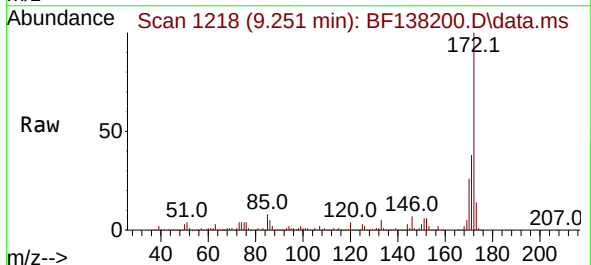
Instrument :
BNA_F
ClientSampleId :
PB161511BL

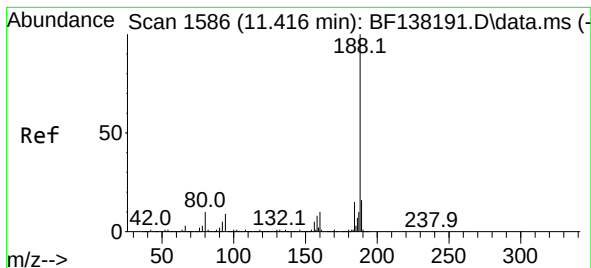
Tgt Ion:330 Resp: 1081644
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 31.3 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 69.744 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF138200.D
Acq: 17 Jun 2024 13:05

Tgt Ion:172 Resp: 4371821
Ion Ratio Lower Upper
172 100
171 38.0 30.3 45.5
170 26.0 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: BF138200.D

Acq: 17 Jun 2024 13:05

Instrument :

BNA_F

ClientSampleId :

PB161511BL

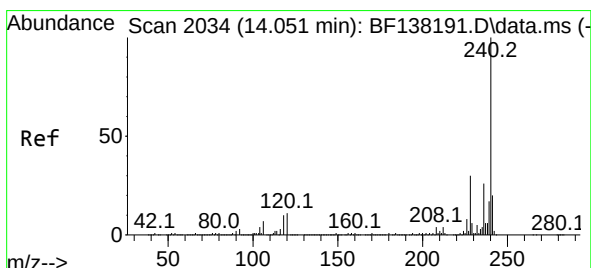
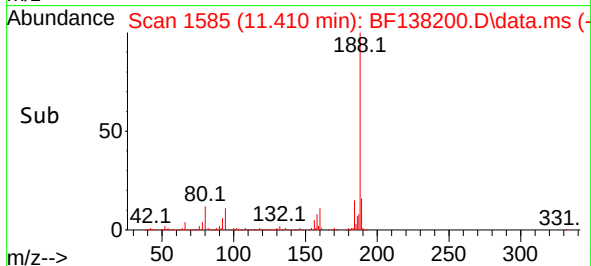
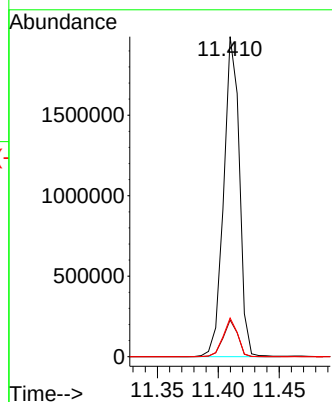
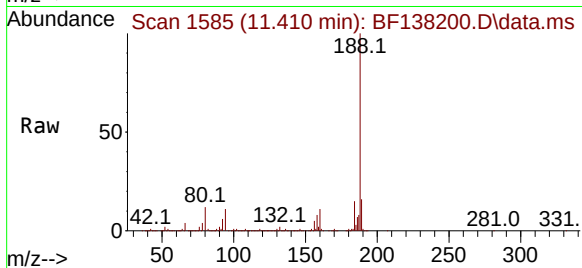
Tgt Ion:188 Resp: 1786447

Ion Ratio Lower Upper

188 100

94 11.5 7.6 11.4#

80 12.1 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: BF138200.D

Acq: 17 Jun 2024 13:05

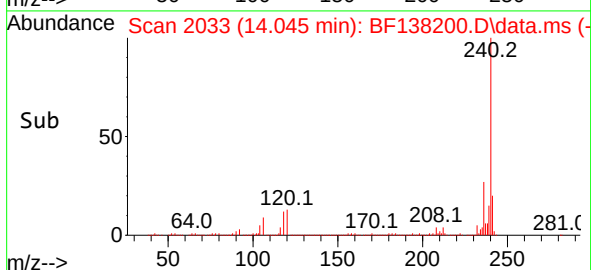
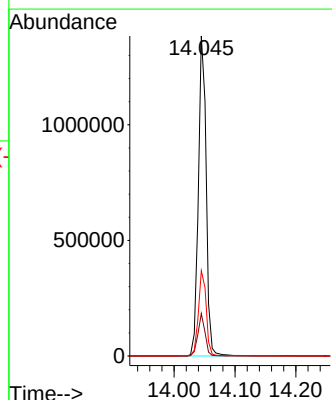
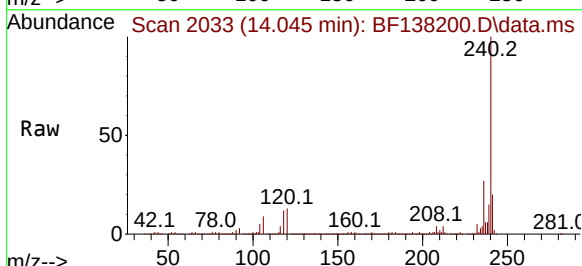
Tgt Ion:240 Resp: 1232147

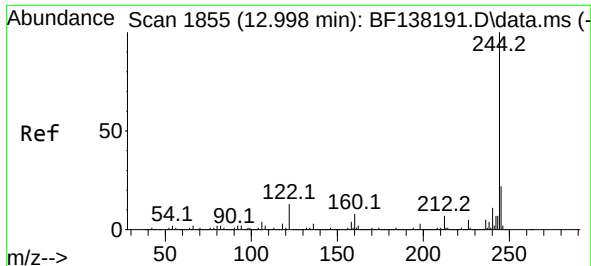
Ion Ratio Lower Upper

240 100

120 13.3 9.2 13.8

236 26.7 21.0 31.6

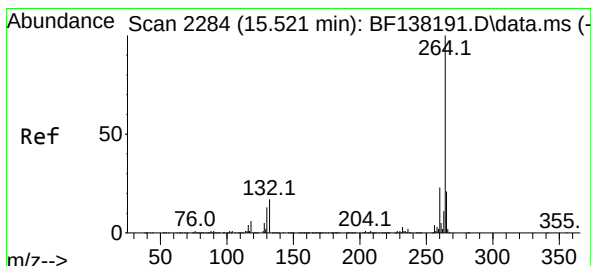
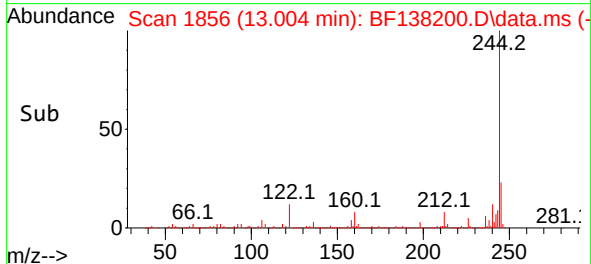
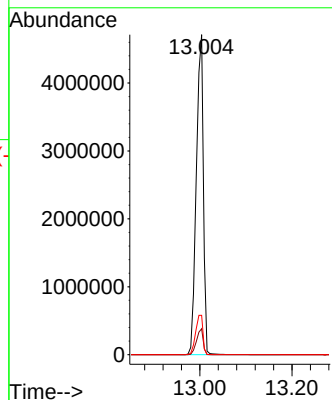
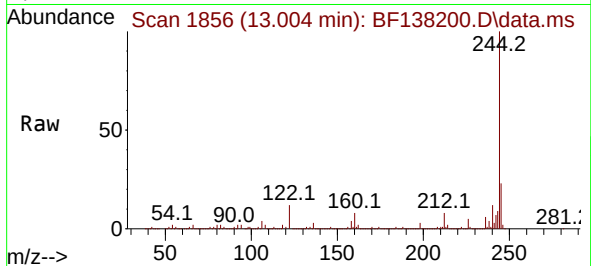




#79
 Terphenyl-d14
 Concen: 63.679 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: BF138200.D
 Acq: 17 Jun 2024 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB161511BL

Tgt Ion:244 Resp: 4953967
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.9 8.9
 122 12.3 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: BF138200.D
 Acq: 17 Jun 2024 13:05

Tgt Ion:264 Resp: 1101660
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.7 28.1
 265 21.6 17.0 25.6

