

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
 Data File : BF138263.D
 Acq On : 20 Jun 2024 15:36
 Operator : CG\JU
 Sample : PB161609BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161609BL

Quant Time: Jun 20 15:58:13 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	364706	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1440272	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	804846	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1466012	20.000	ng	0.00
76) Chrysene-d12	14.045	240	1022423	20.000	ng	0.00
86) Perylene-d12	15.521	264	865320	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2393387	109.779	ng	0.01
7) Phenol-d6	6.516	99	2972932	107.538	ng	0.00
23) Nitrobenzene-d5	7.445	82	1905083	77.004	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	941820	117.545	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3522066	69.586	ng	0.00
79) Terphenyl-d14	13.004	244	4330565	67.085	ng	0.00

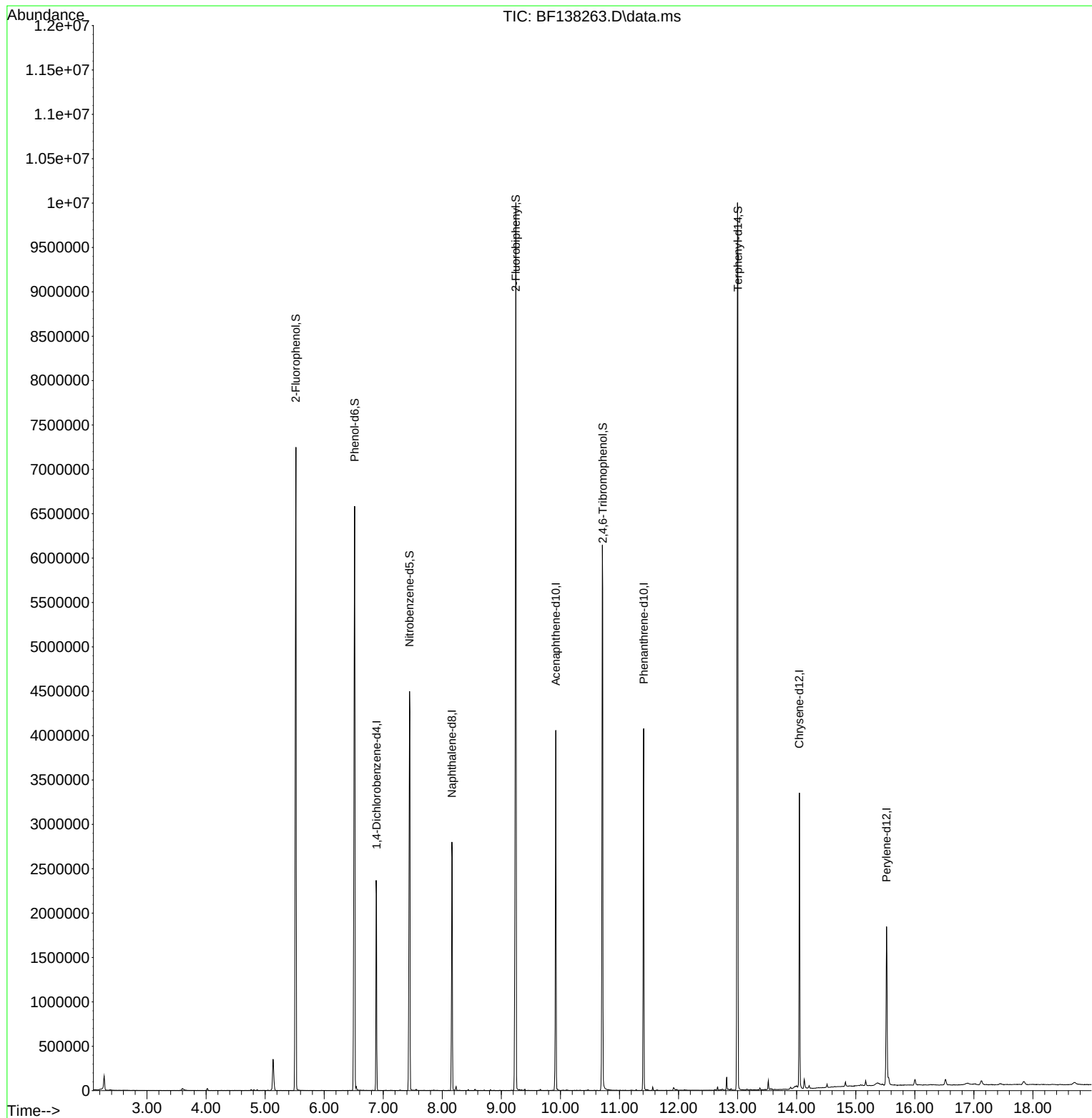
Target Compounds	Qvalue

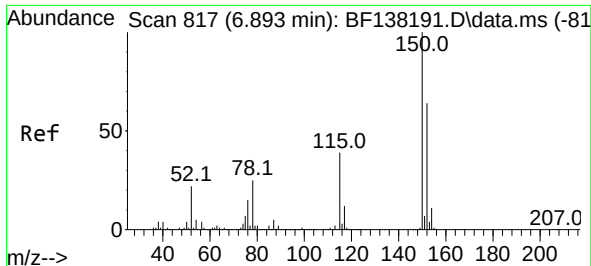
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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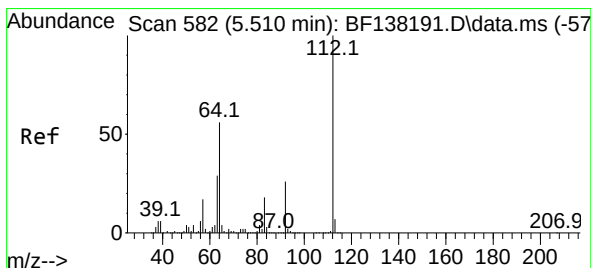
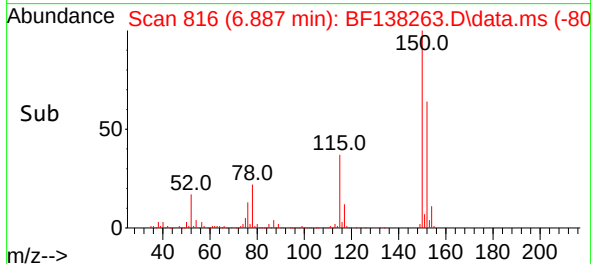
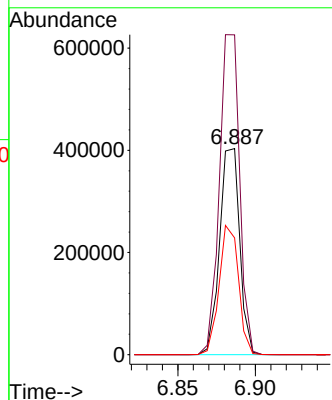
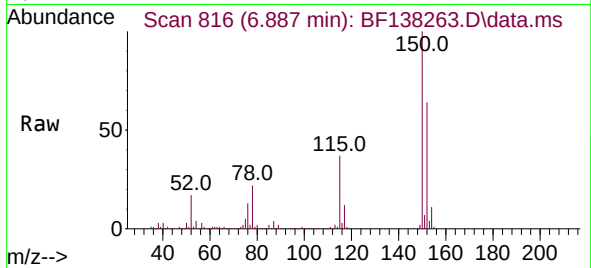




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 817
 Delta R.T. -0.006 min
 Lab File: BF138263.D
 Acq: 20 Jun 2024 15:36

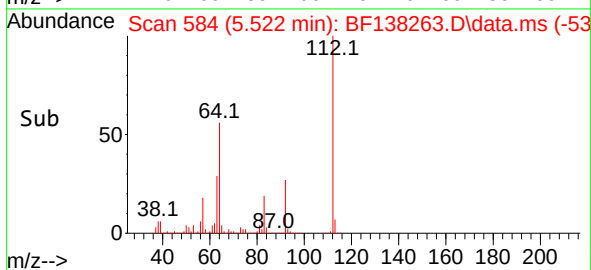
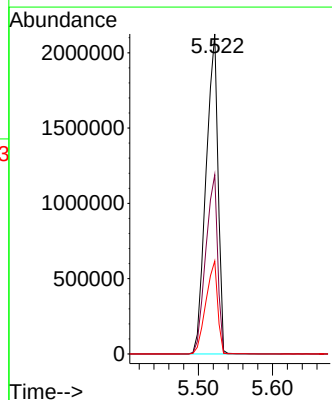
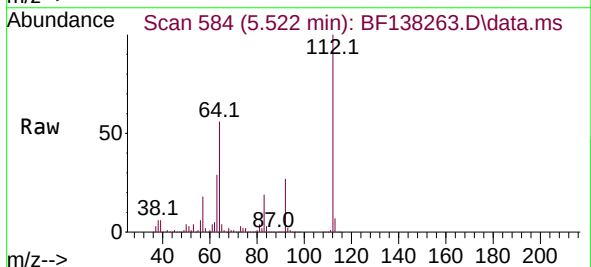
Instrument :
 BNA_F
 ClientSampleId :
 PB161609BL

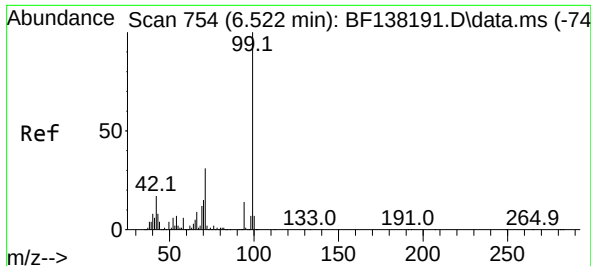
Tgt Ion:152 Resp: 364706
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.0 187.4
 115 56.7 48.4 72.6



#5
 2-Fluorophenol
 Concen: 109.779 ng
 RT: 5.522 min Scan# 584
 Delta R.T. 0.012 min
 Lab File: BF138263.D
 Acq: 20 Jun 2024 15:36

Tgt Ion:112 Resp: 2393387
 Ion Ratio Lower Upper
 112 100
 64 56.0 45.2 67.8
 63 29.0 22.9 34.3

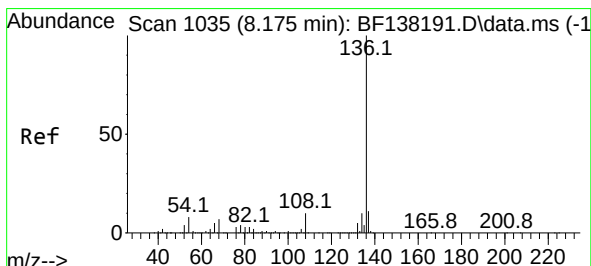
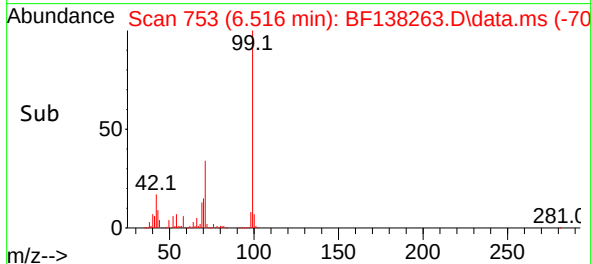
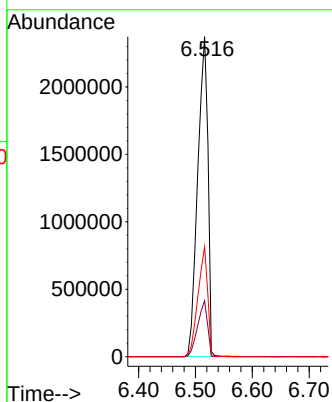
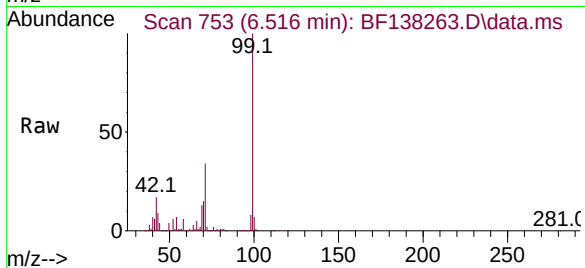




#7
Phenol-d6
Concen: 107.538 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138263.D
Acq: 20 Jun 2024 15:36

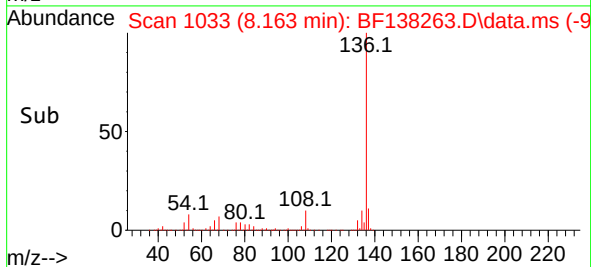
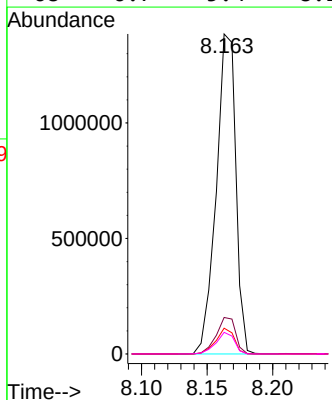
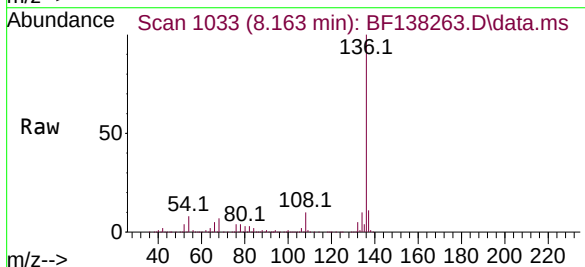
Instrument :
BNA_F
ClientSampleId :
PB161609BL

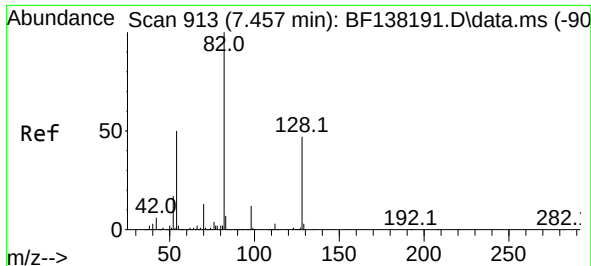
Tgt Ion: 99 Resp: 2972932
Ion Ratio Lower Upper
99 100
42 17.5 13.7 20.5
71 34.3 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138263.D
Acq: 20 Jun 2024 15:36

Tgt Ion: 136 Resp: 1440272
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.1 6.6 10.0
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 77.004 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138263.D

Acq: 20 Jun 2024 15:36

Instrument :

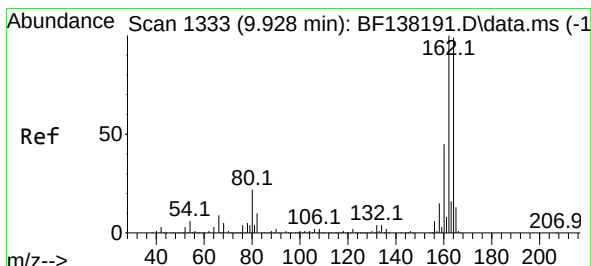
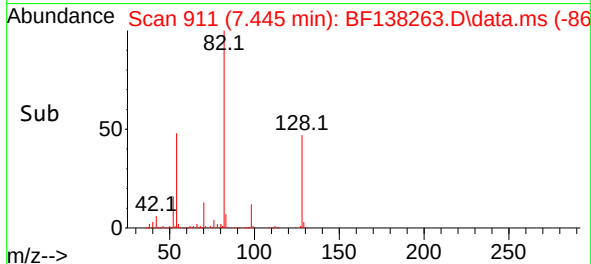
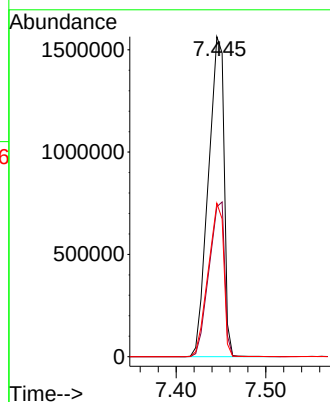
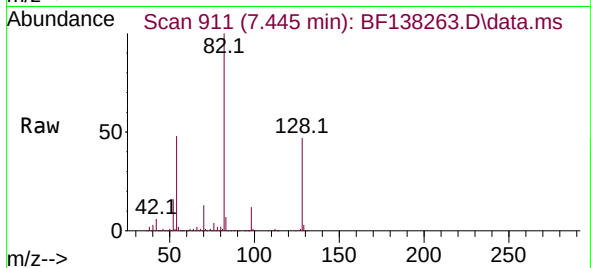
BNA_F

ClientSampleId :

PB161609BL

Tgt Ion: 82 Resp: 1905083

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.2	55.8
54	47.9	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

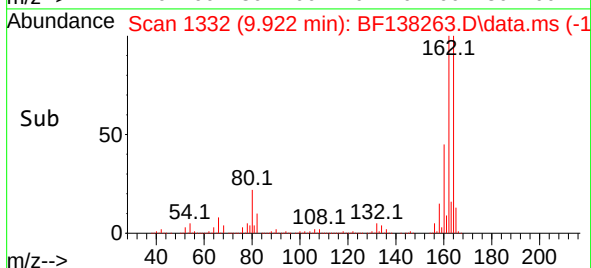
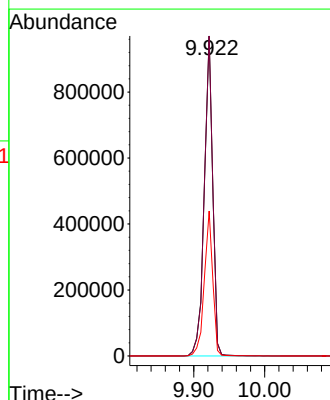
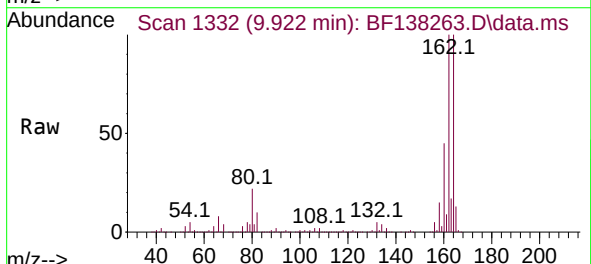
Delta R.T. -0.006 min

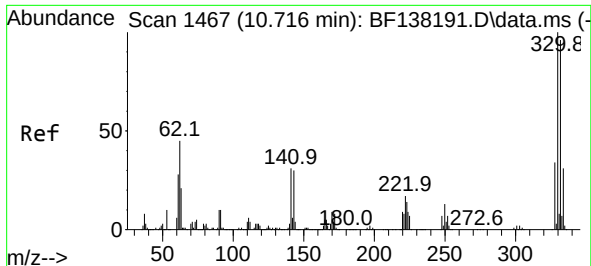
Lab File: BF138263.D

Acq: 20 Jun 2024 15:36

Tgt Ion: 164 Resp: 804846

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	121.0
160	45.3	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 117.545 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF138263.D

Acq: 20 Jun 2024 15:36

Instrument :

BNA_F

ClientSampleId :

PB161609BL

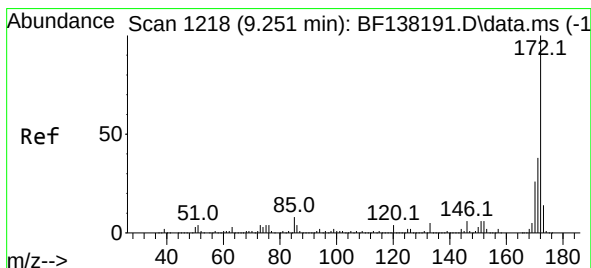
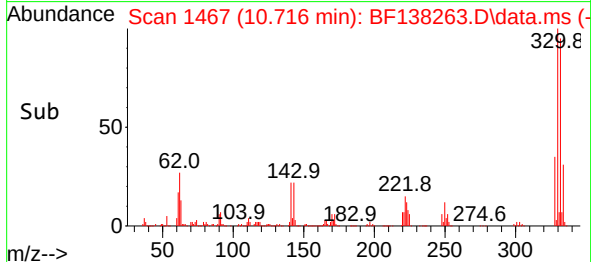
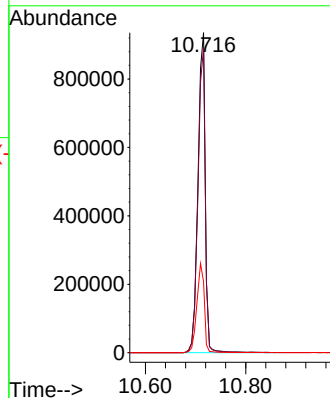
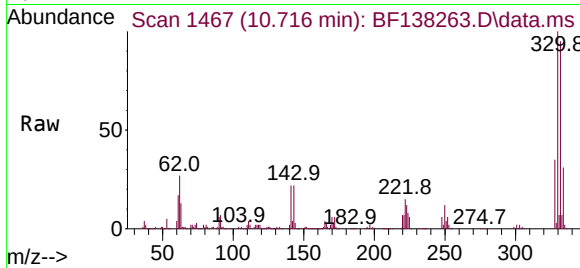
Tgt Ion:330 Resp: 941820

Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

141 28.6 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 69.586 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138263.D

Acq: 20 Jun 2024 15:36

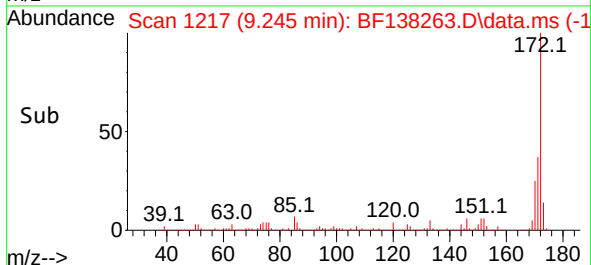
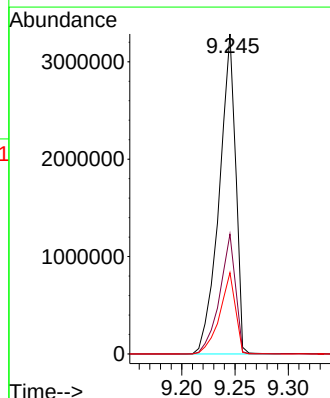
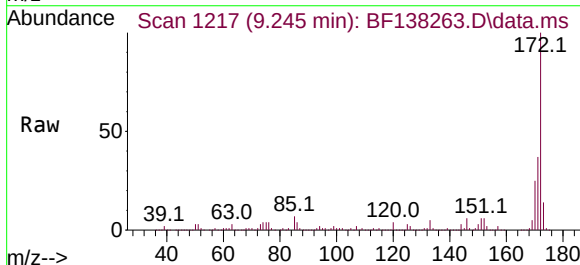
Tgt Ion:172 Resp: 3522066

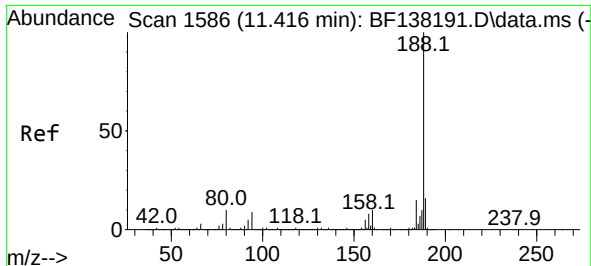
Ion Ratio Lower Upper

172 100

171 37.4 30.3 45.5

170 25.4 20.6 30.8

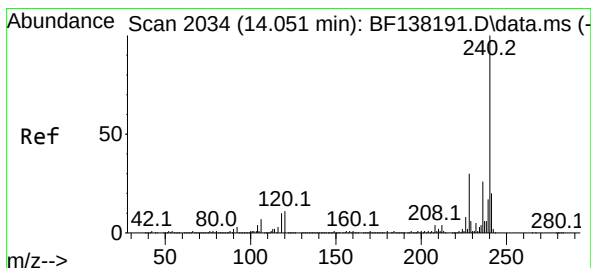
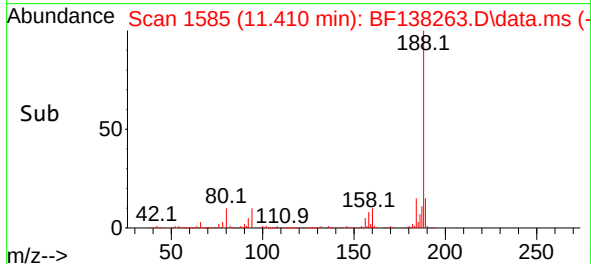
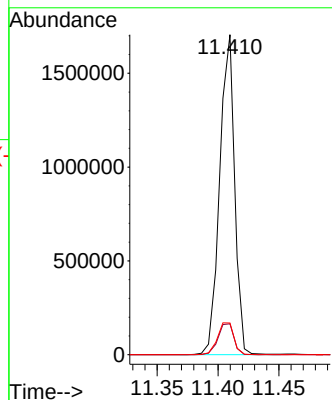
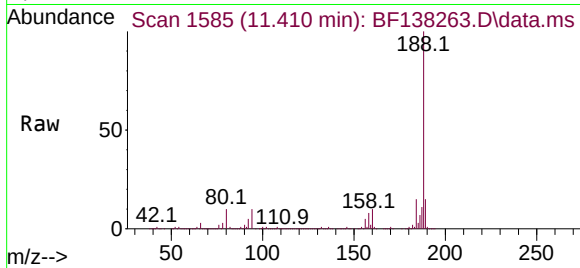




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138263.D
Acq: 20 Jun 2024 15:36

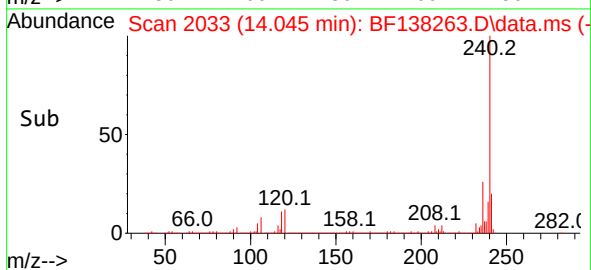
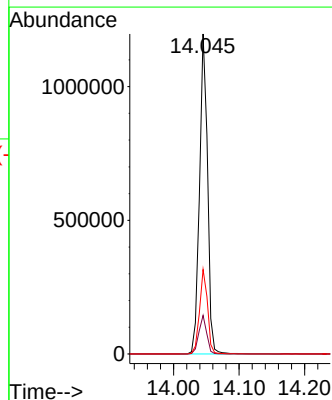
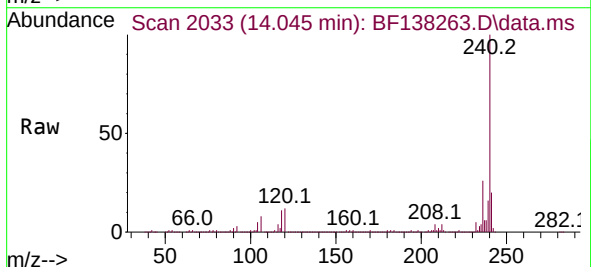
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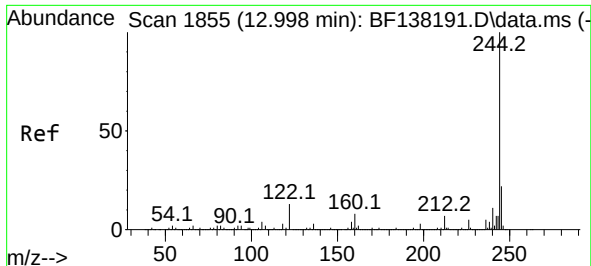
Tgt Ion:188 Resp: 1466012
Ion Ratio Lower Upper
188 100
94 9.6 7.6 11.4
80 9.9 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138263.D
Acq: 20 Jun 2024 15:36

Tgt Ion:240 Resp: 1022423
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 26.4 21.0 31.6

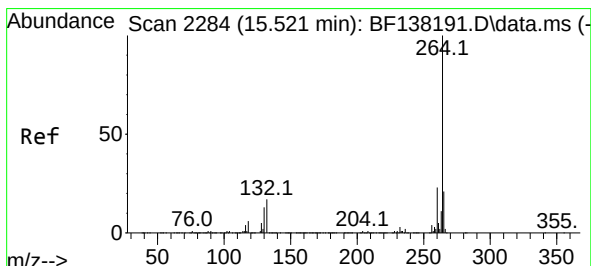
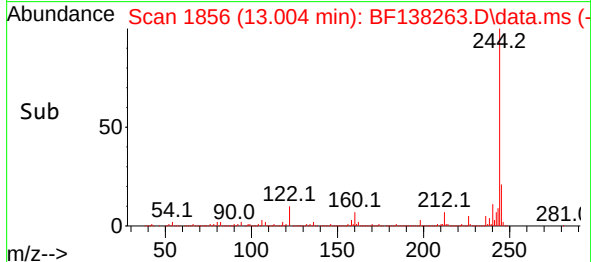
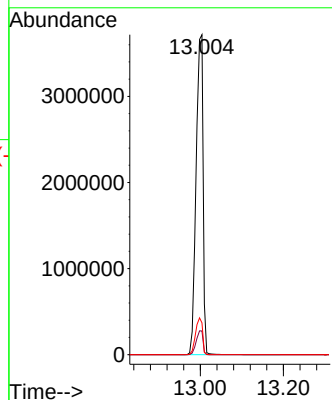
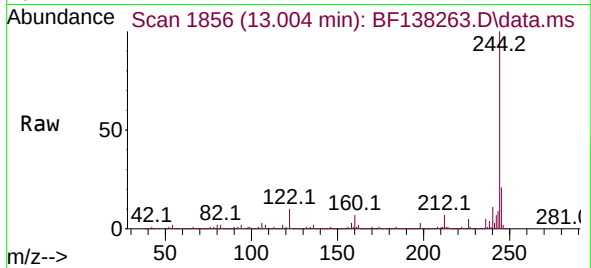




#79
 Terphenyl-d14
 Concen: 67.085 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: BF138263.D
 Acq: 20 Jun 2024 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB161609BL

Tgt Ion:244 Resp: 4330565
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.0 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: BF138263.D
 Acq: 20 Jun 2024 15:36

Tgt Ion:264 Resp: 865320
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 21.7 17.0 25.6

