

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138439.D
 Acq On : 03 Jul 2024 11:28
 Operator : CG\JU
 Sample : PB161852BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161852BL

Quant Time: Jul 03 11:54:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	203611	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	839678	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	467779	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	789035	20.000	ng	0.00
76) Chrysene-d12	14.027	240	350780	20.000	ng	0.00
86) Perylene-d12	15.492	264	316335	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1511699	123.094	ng	0.01
7) Phenol-d6	6.510	99	1968332	118.979	ng	0.00
23) Nitrobenzene-d5	7.434	82	1324486	81.941	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	443172	115.959	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2205804	75.045	ng	0.00
79) Terphenyl-d14	12.980	244	1848963	72.235	ng	0.00

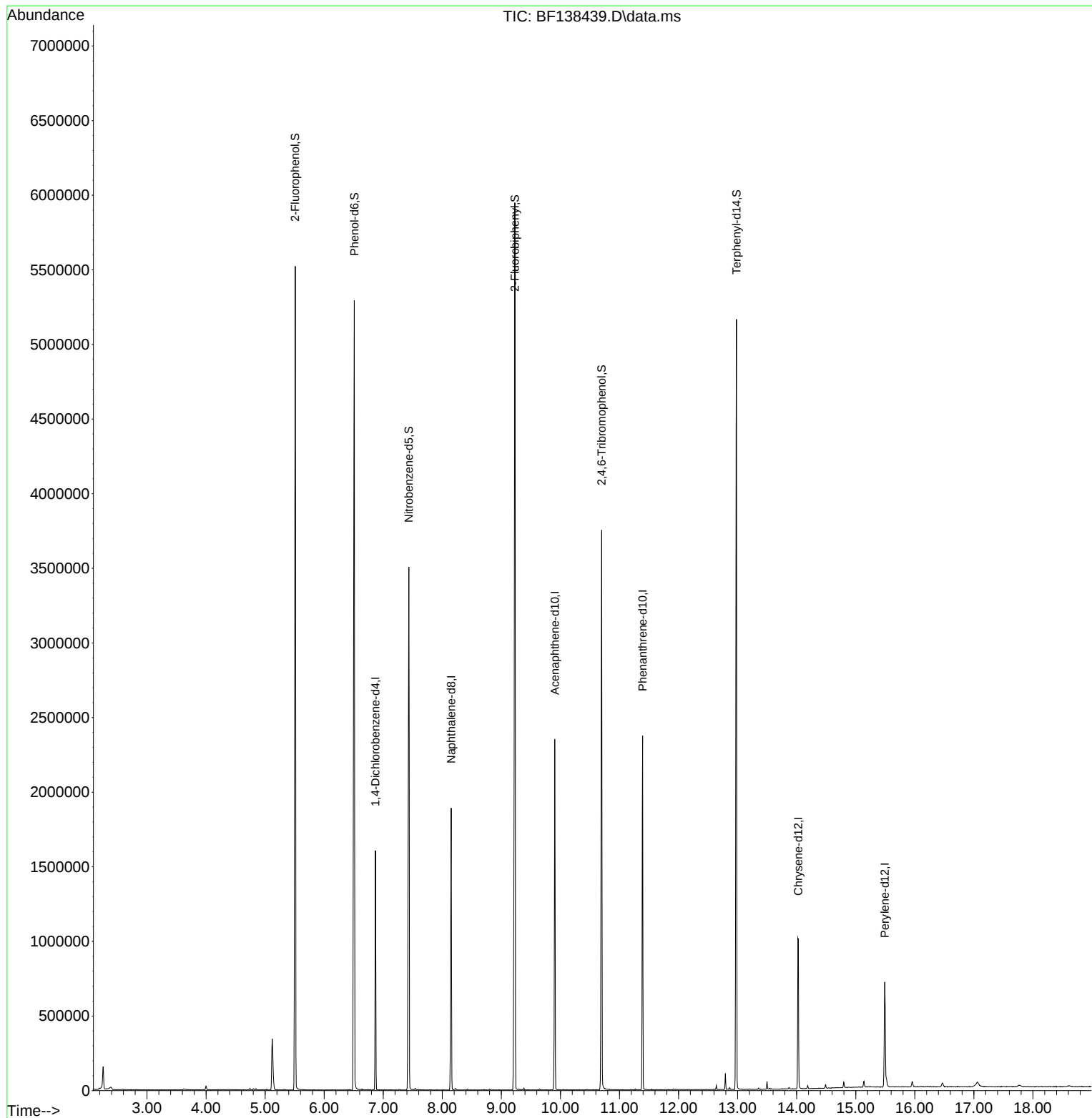
Target Compounds	Qvalue

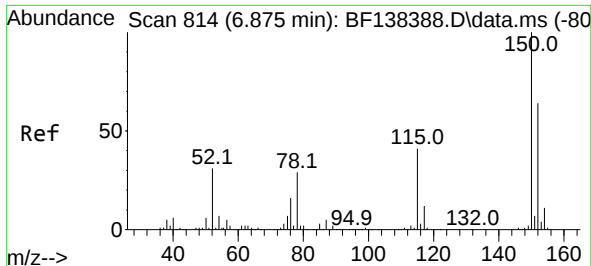
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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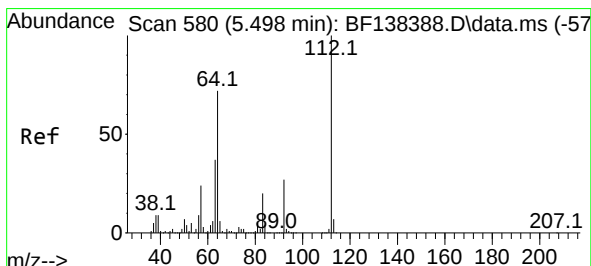
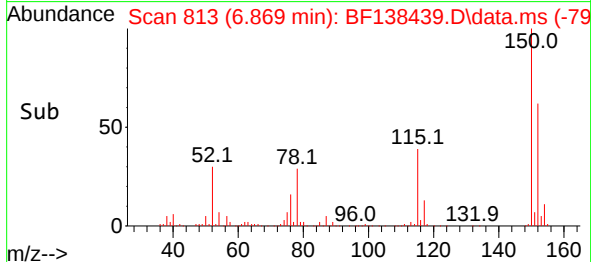
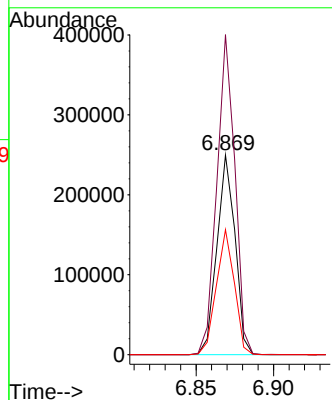
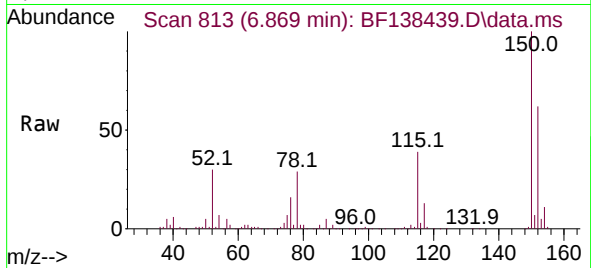




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF138439.D
Acq: 03 Jul 2024 11:28

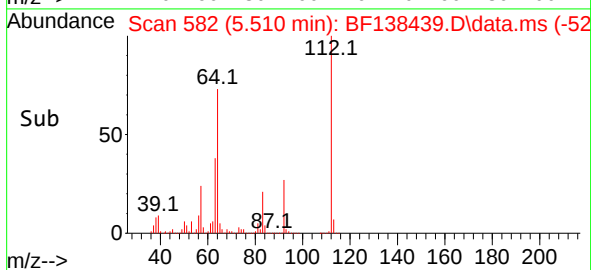
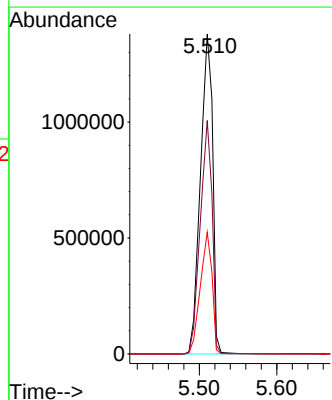
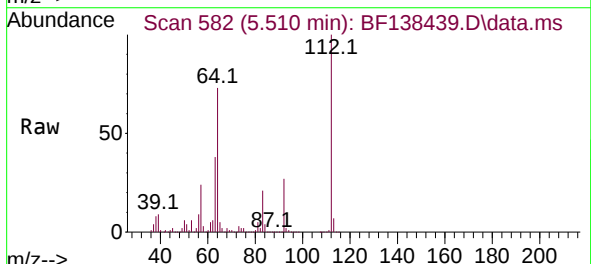
Instrument :
BNA_F
ClientSampleId :
PB161852BL

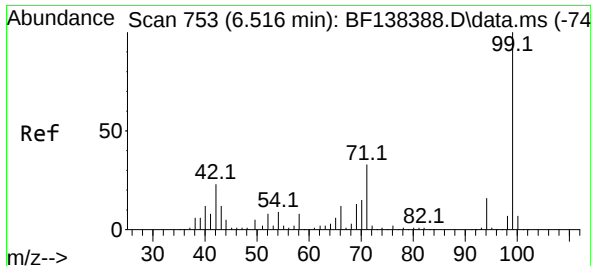
Tgt Ion:152 Resp: 203611
Ion Ratio Lower Upper
152 100
150 160.3 124.9 187.3
115 62.6 50.8 76.2



#5
2-Fluorophenol
Concen: 123.094 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF138439.D
Acq: 03 Jul 2024 11:28

Tgt Ion:112 Resp: 1511699
Ion Ratio Lower Upper
112 100
64 73.0 57.2 85.8
63 38.1 29.4 44.0



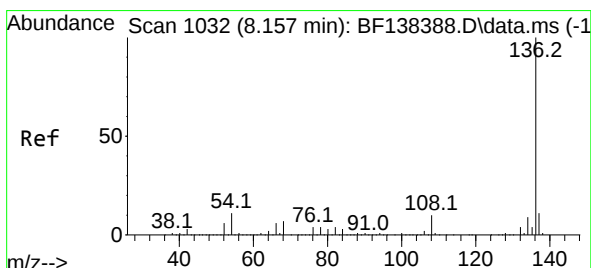
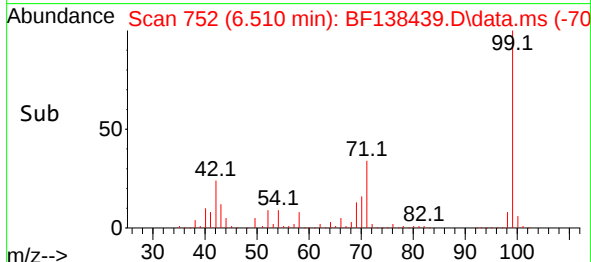
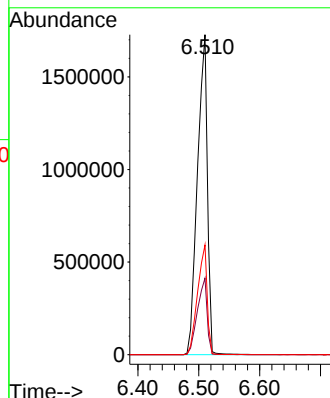
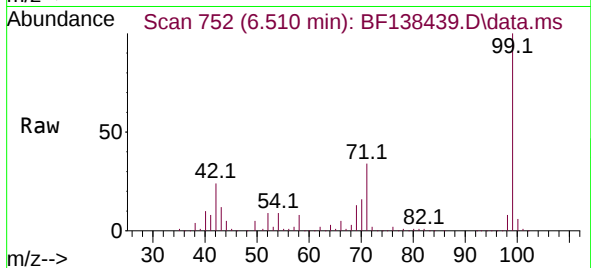


#7
Phenol-d6
Concen: 118.979 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138439.D
Acq: 03 Jul 2024 11:28

Instrument :
BNA_F
ClientSampleId :
PB161852BL

Tgt Ion: 99 Resp: 1968332

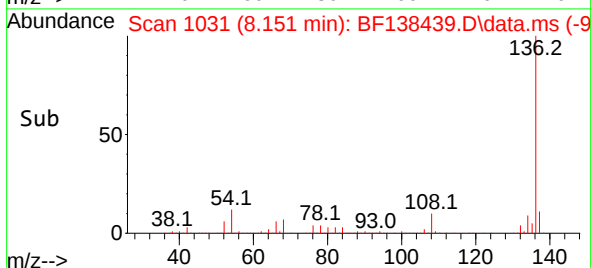
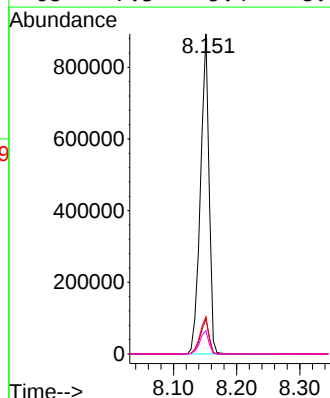
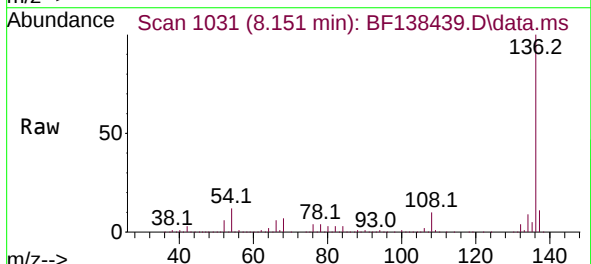
Ion	Ratio	Lower	Upper
99	100		
42	23.9	18.5	27.7
71	34.3	26.1	39.1

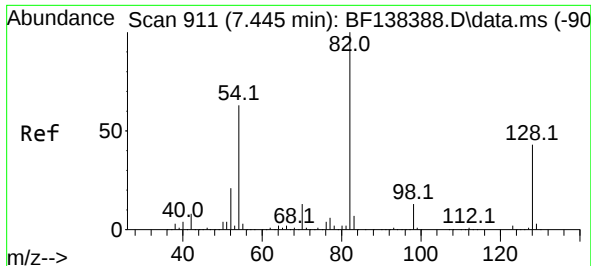


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138439.D
Acq: 03 Jul 2024 11:28

Tgt Ion: 136 Resp: 839678

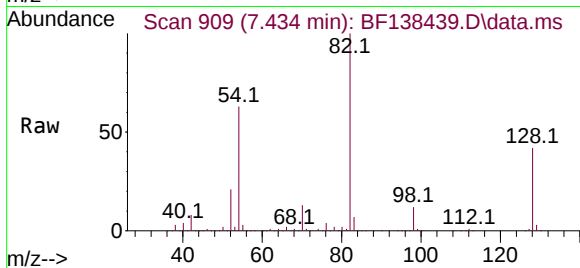
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	11.7	9.0	13.4
68	7.3	5.4	8.0





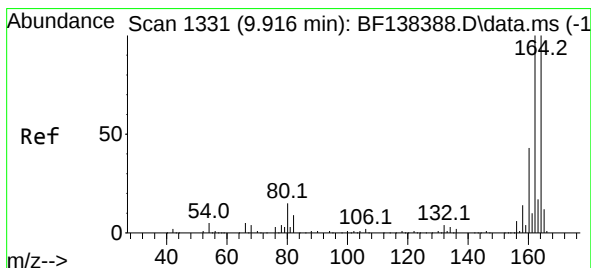
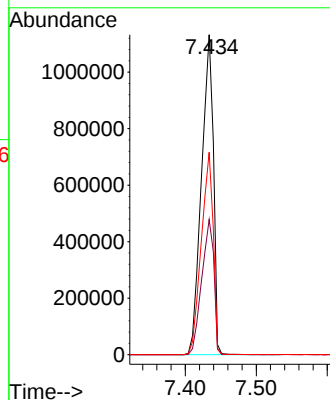
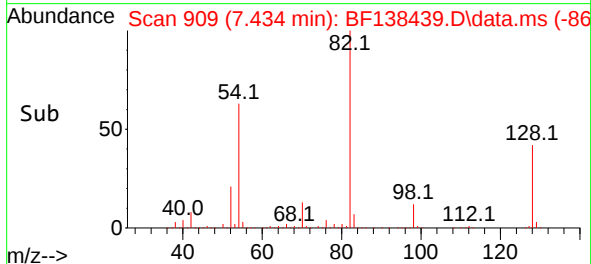
#23
Nitrobenzene-d5
Concen: 81.941 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138439.D
Acq: 03 Jul 2024 11:28

Instrument :
BNA_F
ClientSampleId :
PB161852BL



Tgt Ion: 82 Resp: 1324486

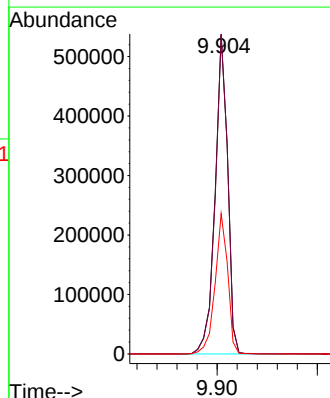
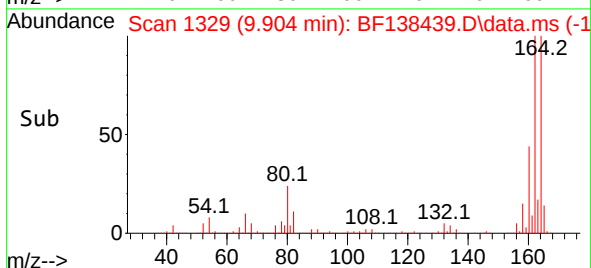
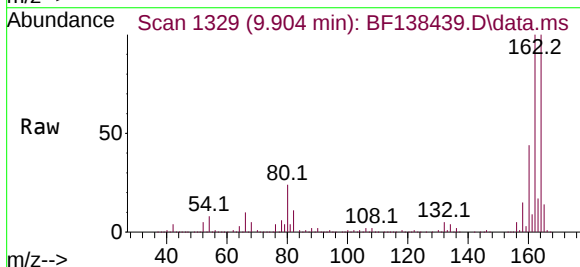
Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	52.0
54	63.3	50.5	75.7

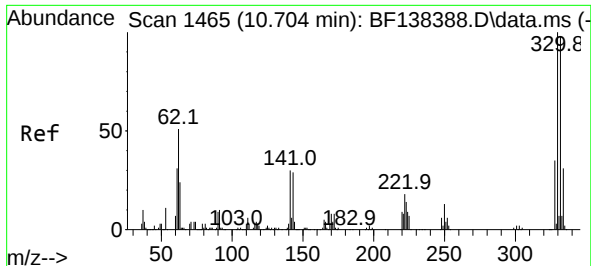


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF138439.D
Acq: 03 Jul 2024 11:28

Tgt Ion: 164 Resp: 467779

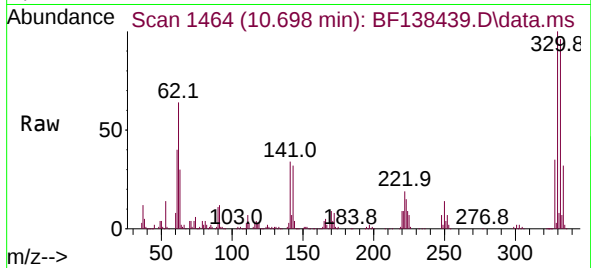
Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.1	120.1
160	44.0	34.1	51.1



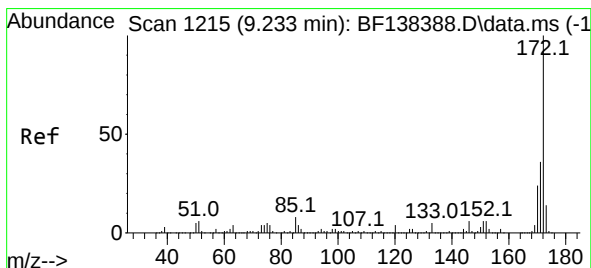
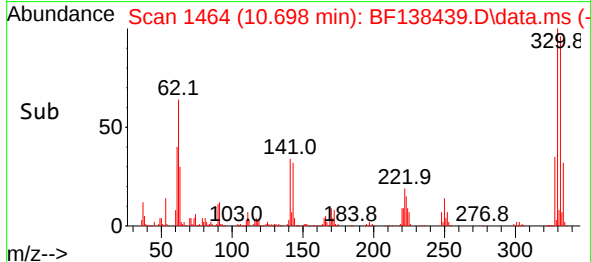
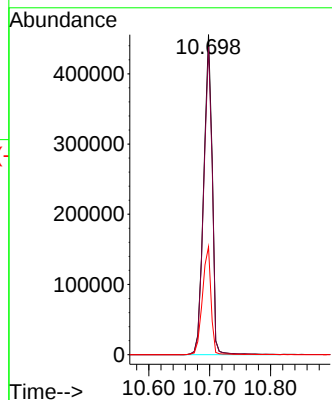


#42
2,4,6-Tribromophenol
Concen: 115.959 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF138439.D
Acq: 03 Jul 2024 11:28

Instrument :
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ClientSampleId :
PB161852BL

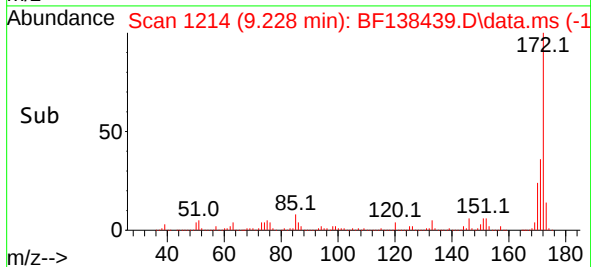
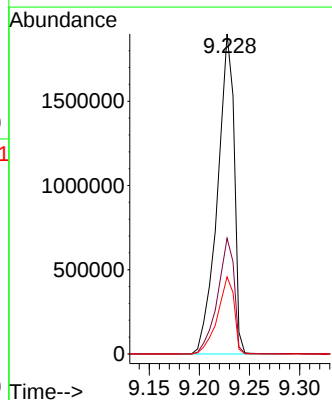
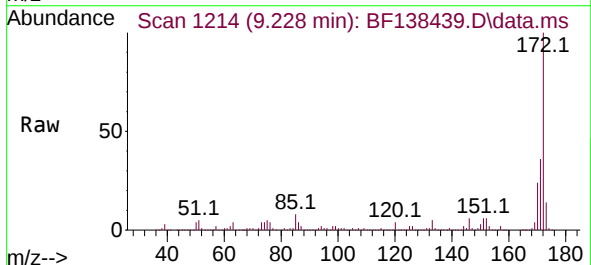


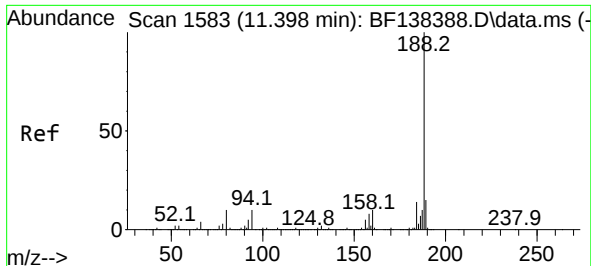
Tgt Ion:330 Resp: 443172
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 34.0 28.1 42.1



#45
2-Fluorobiphenyl
Concen: 75.045 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF138439.D
Acq: 03 Jul 2024 11:28

Tgt Ion:172 Resp: 2205804
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.1 19.0 28.6

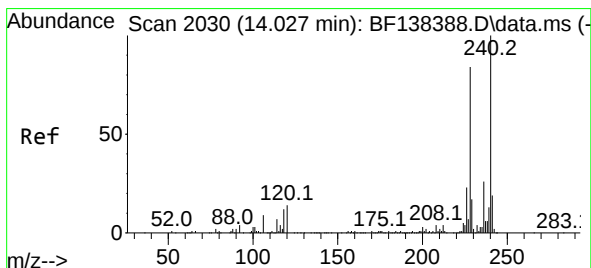
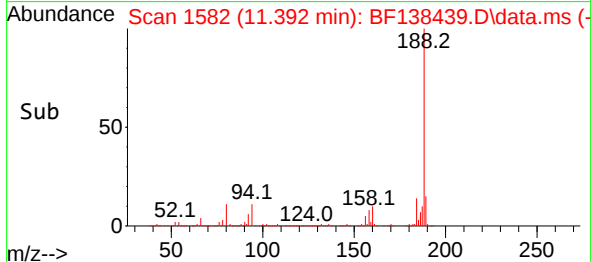
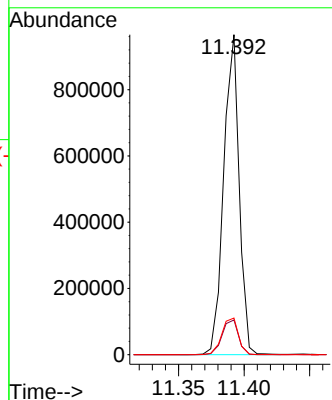
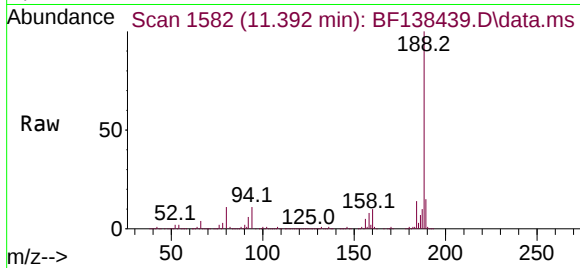




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138439.D
Acq: 03 Jul 2024 11:28

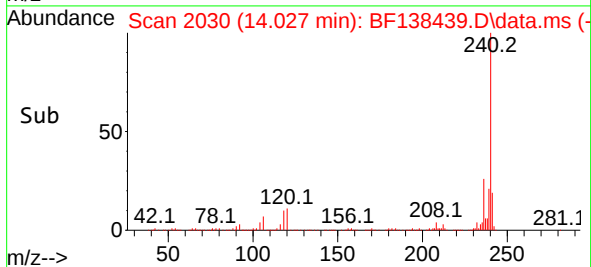
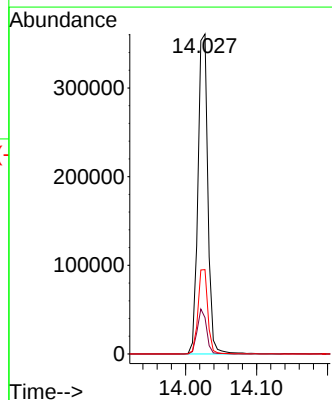
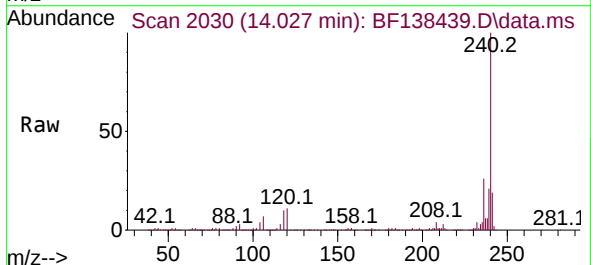
Instrument :
BNA_F
ClientSampleId :
PB161852BL

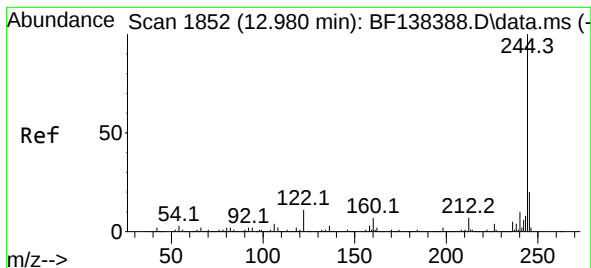
Tgt Ion:188 Resp: 789035
Ion Ratio Lower Upper
188 100
94 10.9 8.0 12.0
80 11.4 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138439.D
Acq: 03 Jul 2024 11:28

Tgt Ion:240 Resp: 350780
Ion Ratio Lower Upper
240 100
120 11.4 10.9 16.3
236 26.4 20.6 30.8





#79

Terphenyl-d14

Concen: 72.235 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF138439.D

Acq: 03 Jul 2024 11:28

Instrument :

BNA_F

ClientSampleId :

PB161852BL

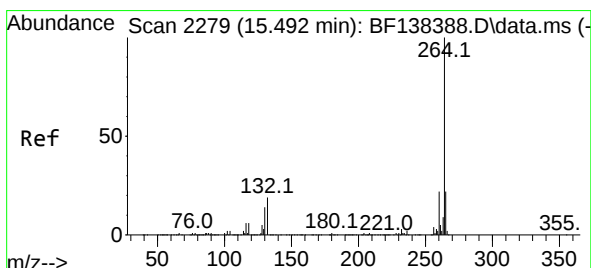
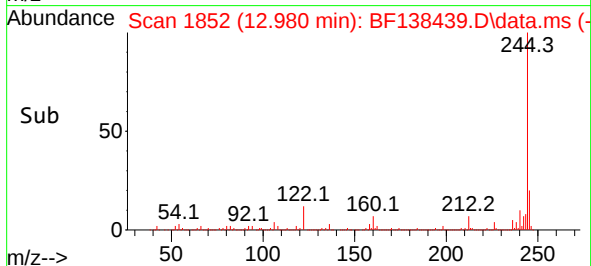
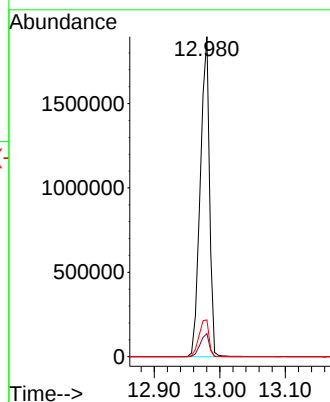
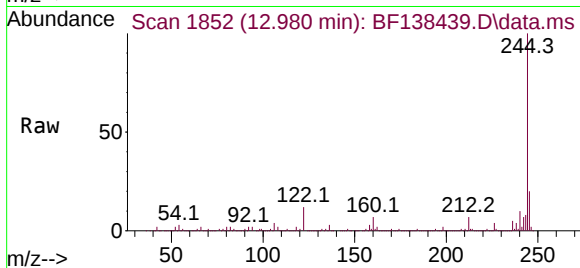
Tgt Ion:244 Resp: 1848963

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.5 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF138439.D

Acq: 03 Jul 2024 11:28

Tgt Ion:264 Resp: 316335

Ion Ratio Lower Upper

264 100

260 23.8 17.8 26.6

265 21.4 17.5 26.3

