

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
Data File : BF138422.D
Acq On : 02 Jul 2024 11:40
Operator : CG\JU
Sample : PB161833BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB161833BL

Quant Time: Jul 02 12:20:34 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	6.875	152	200757	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	828739	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	463912	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	768983	20.000	ng	0.00
76) Chrysene-d12	14.027	240	334824	20.000	ng	0.00
86) Perylene-d12	15.492	264	323677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1425002	117.684	ng	0.02
7) Phenol-d6	6.510	99	1932959	118.502	ng	0.00
23) Nitrobenzene-d5	7.433	82	1252880	78.534	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	413083	108.987	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2075727	71.208	ng	0.00
79) Terphenyl-d14	12.980	244	1596770	65.355	ng	0.00

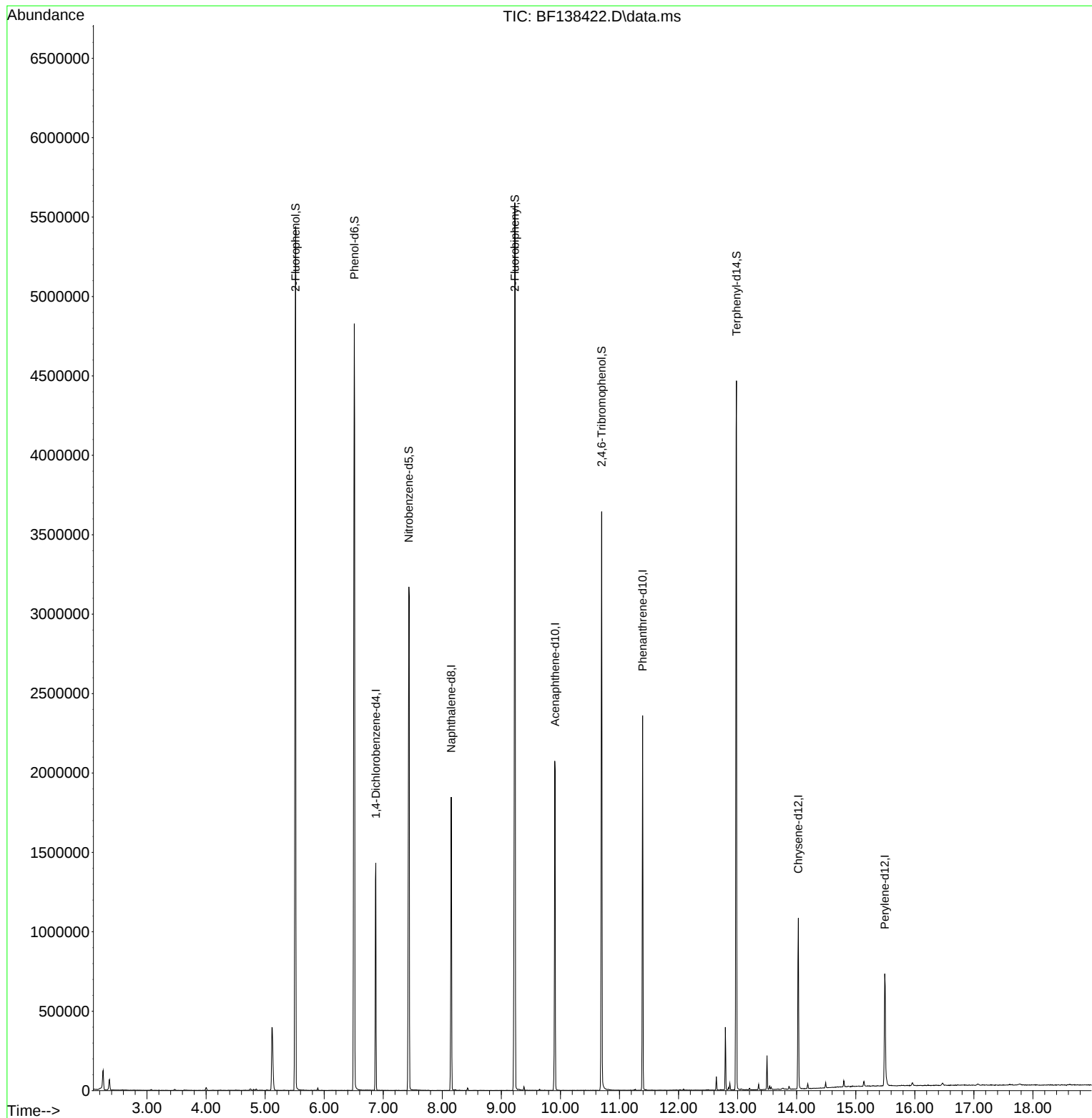
Target Compounds	Qvalue

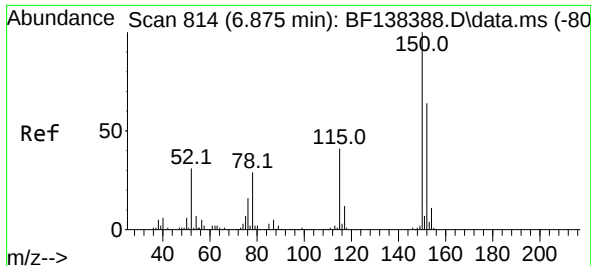
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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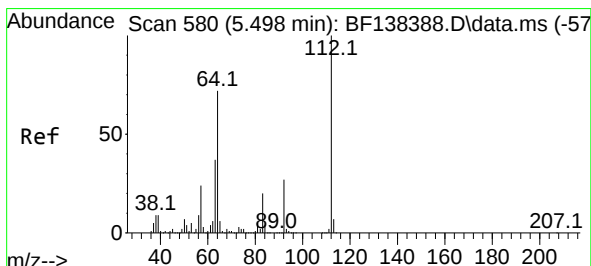
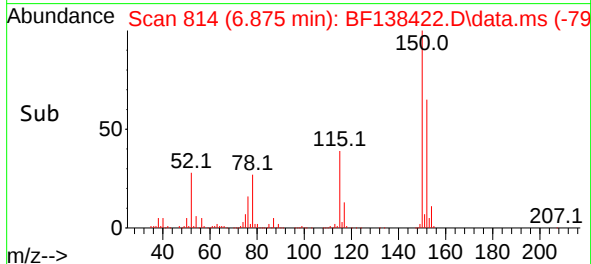
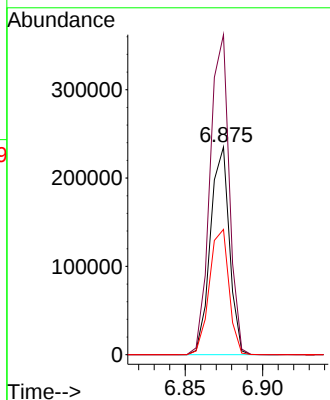
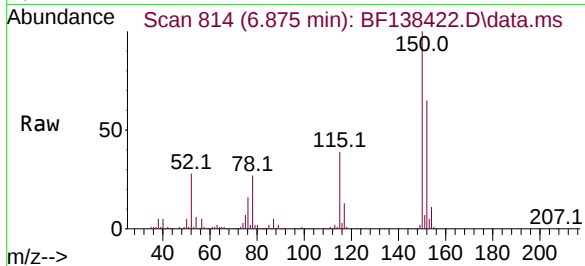




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138422.D
Acq: 02 Jul 2024 11:40

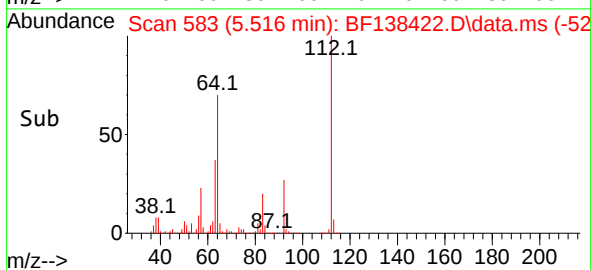
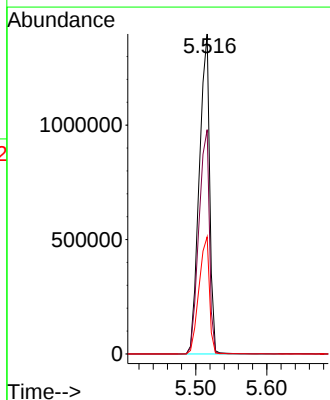
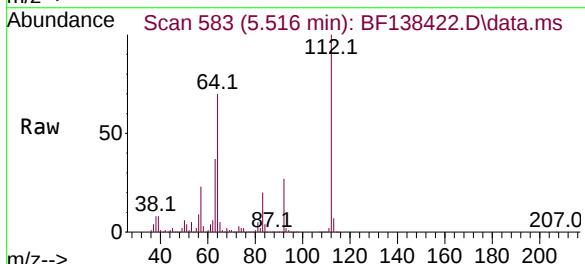
Instrument :
BNA_F
ClientSampleId :
PB161833BL

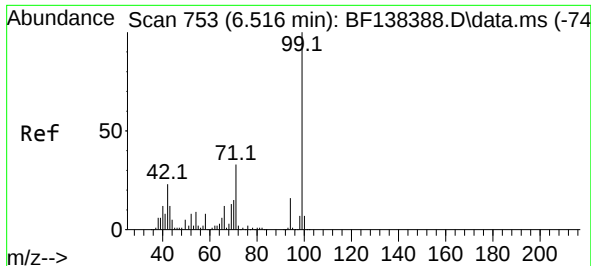
Tgt Ion:152 Resp: 200757
Ion Ratio Lower Upper
152 100
150 154.1 124.9 187.3
115 60.3 50.8 76.2



#5
2-Fluorophenol
Concen: 117.684 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF138422.D
Acq: 02 Jul 2024 11:40

Tgt Ion:112 Resp: 1425002
Ion Ratio Lower Upper
112 100
64 70.1 57.2 85.8
63 36.6 29.4 44.0

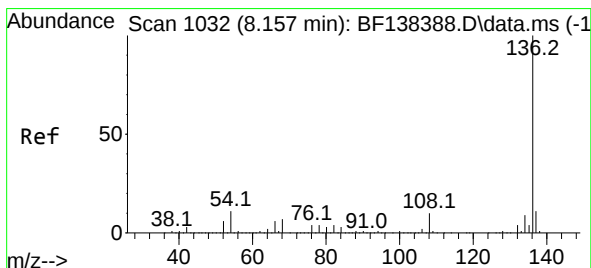
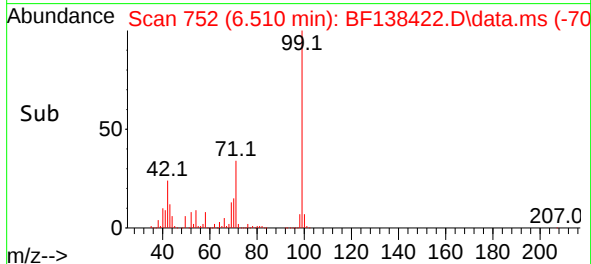
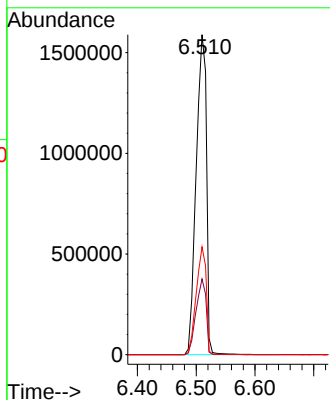
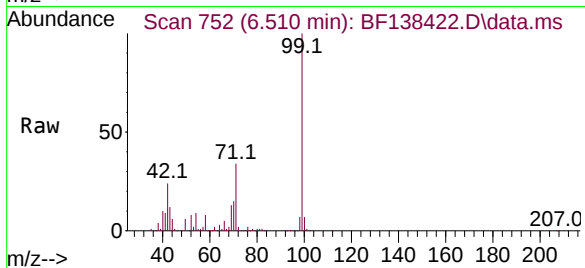




#7
Phenol-d6
Concen: 118.502 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138422.D
Acq: 02 Jul 2024 11:40

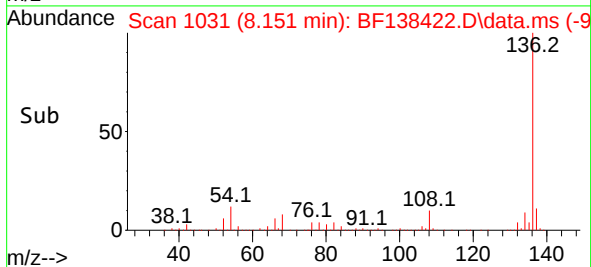
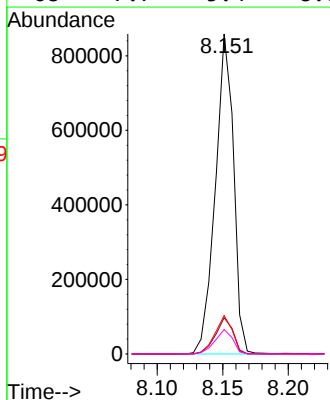
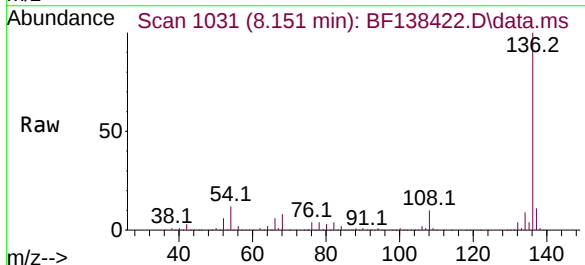
Instrument :
BNA_F
ClientSampleId :
PB161833BL

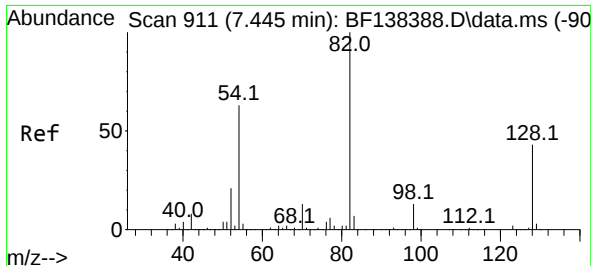
Tgt Ion: 99 Resp: 1932959
Ion Ratio Lower Upper
99 100
42 23.6 18.5 27.7
71 33.7 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138422.D
Acq: 02 Jul 2024 11:40

Tgt Ion:136 Resp: 828739
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 12.0 9.0 13.4
68 7.7 5.4 8.0





#23

Nitrobenzene-d5

Concen: 78.534 ng

RT: 7.433 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF138422.D

Acq: 02 Jul 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB161833BL

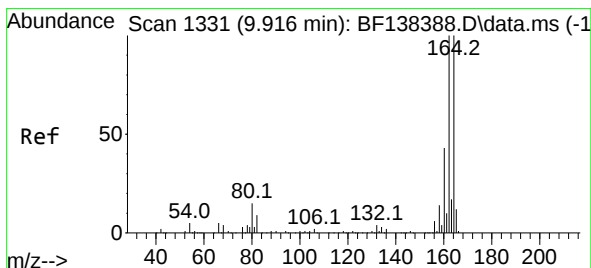
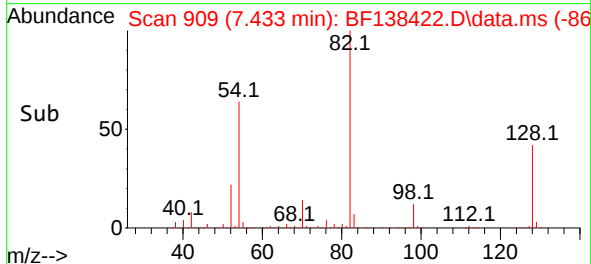
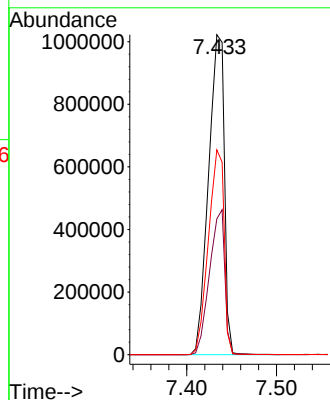
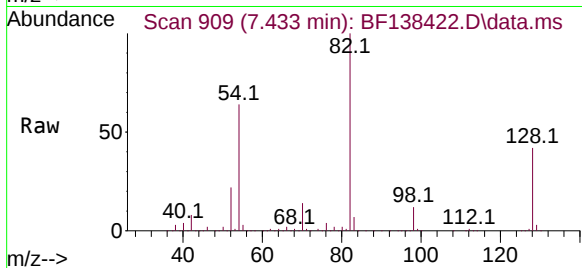
Tgt Ion: 82 Resp: 1252880

Ion Ratio Lower Upper

82 100

128 42.5 34.6 52.0

54 64.0 50.5 75.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF138422.D

Acq: 02 Jul 2024 11:40

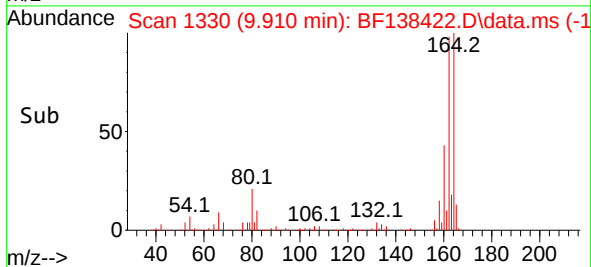
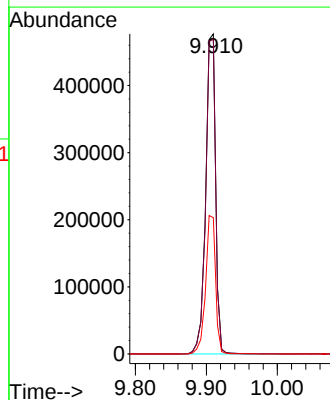
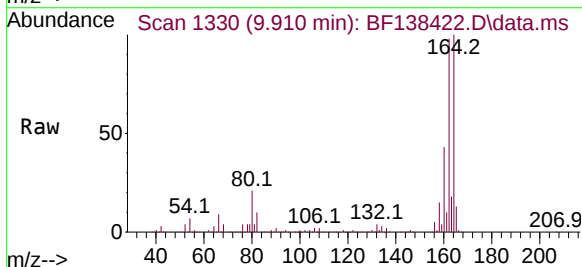
Tgt Ion:164 Resp: 463912

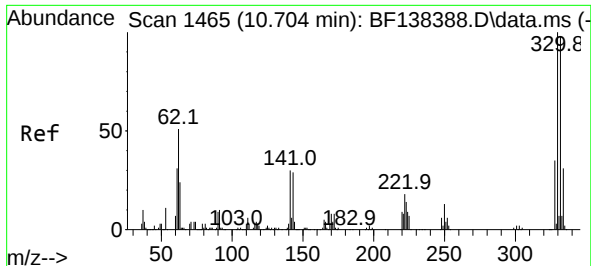
Ion Ratio Lower Upper

164 100

162 98.3 80.1 120.1

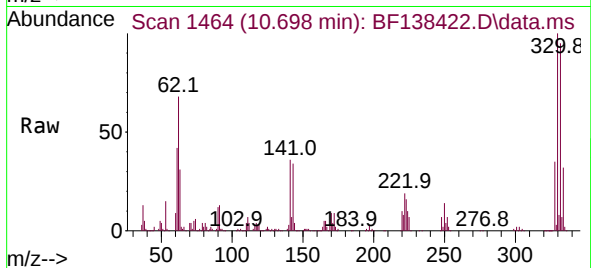
160 42.6 34.1 51.1





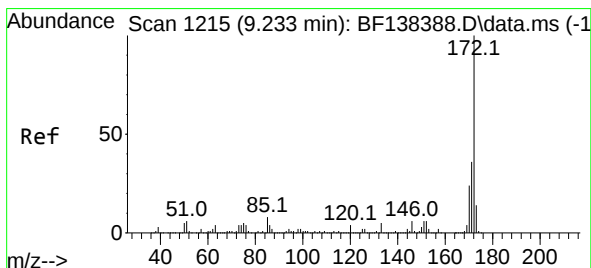
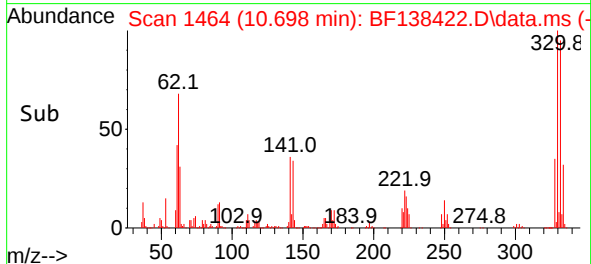
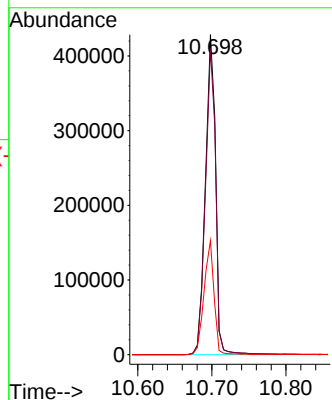
#42
 2,4,6-Tribromophenol
 Concen: 108.987 ng
 RT: 10.698 min Scan# 1464
 Delta R.T. -0.006 min
 Lab File: BF138422.D
 Acq: 02 Jul 2024 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PB161833BL



Tgt Ion: 330 Resp: 413083

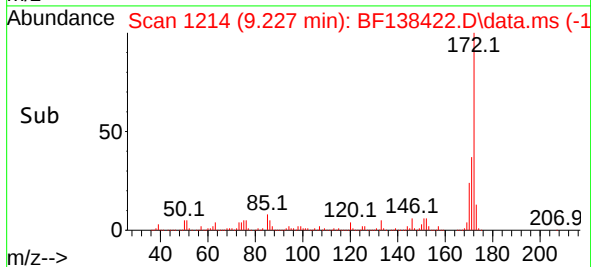
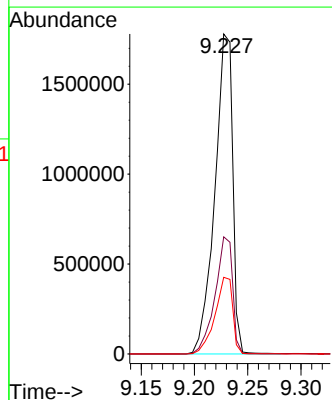
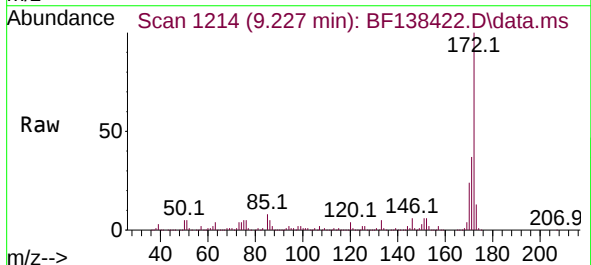
Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	35.2	28.1	42.1

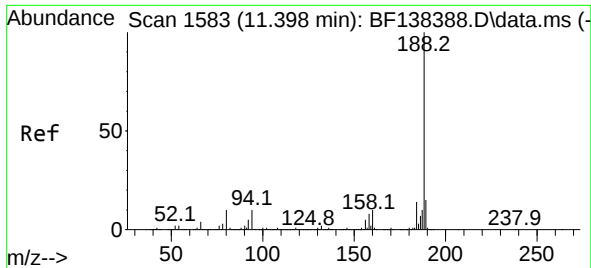


#45
 2-Fluorobiphenyl
 Concen: 71.208 ng
 RT: 9.227 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: BF138422.D
 Acq: 02 Jul 2024 11:40

Tgt Ion: 172 Resp: 2075727

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	24.0	19.0	28.6

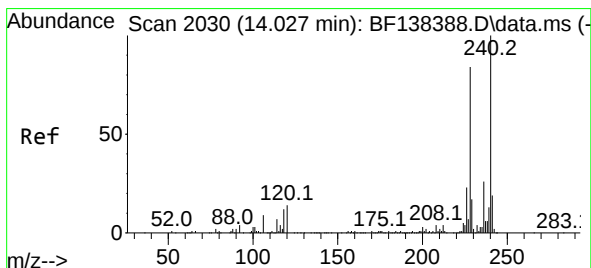
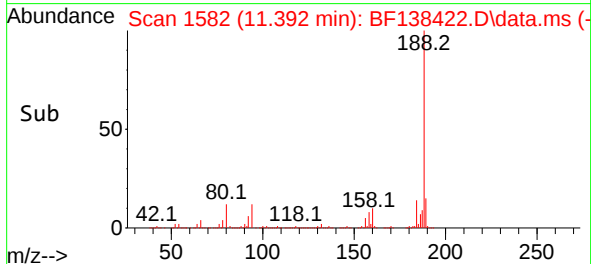
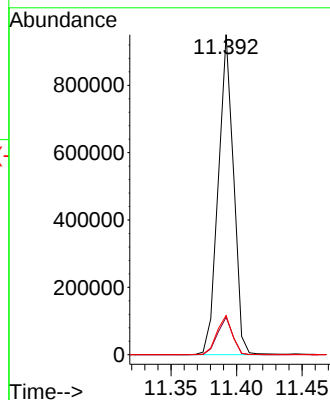
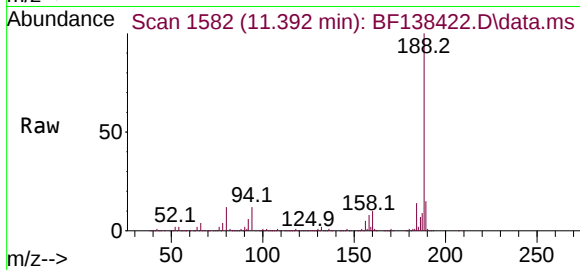




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138422.D
Acq: 02 Jul 2024 11:40

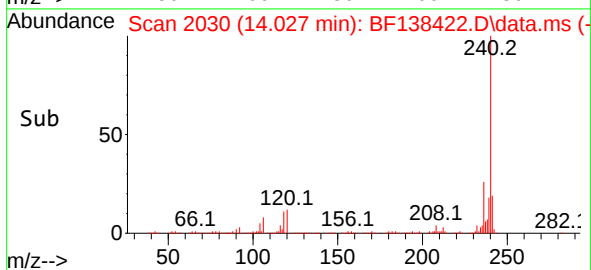
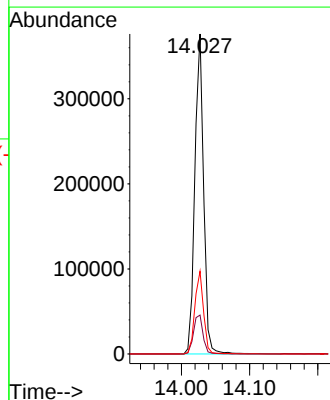
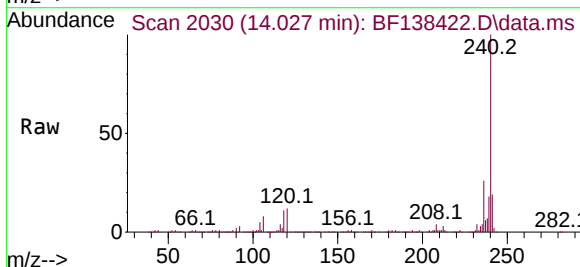
Instrument :
BNA_F
ClientSampleId :
PB161833BL

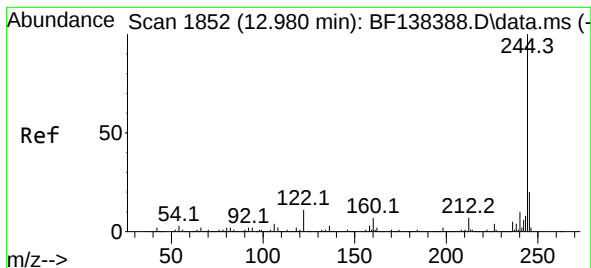
Tgt Ion:188 Resp: 768983
Ion Ratio Lower Upper
188 100
94 11.7 8.0 12.0
80 12.3 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF138422.D
Acq: 02 Jul 2024 11:40

Tgt Ion:240 Resp: 334824
Ion Ratio Lower Upper
240 100
120 12.1 10.9 16.3
236 25.8 20.6 30.8





#79

Terphenyl-d14

Concen: 65.355 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF138422.D

Acq: 02 Jul 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB161833BL

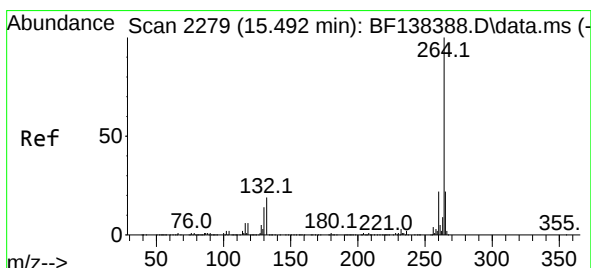
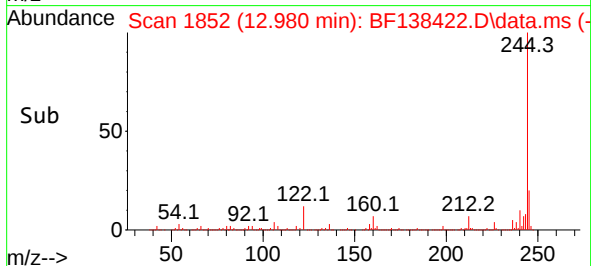
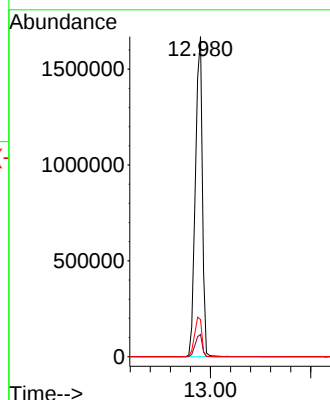
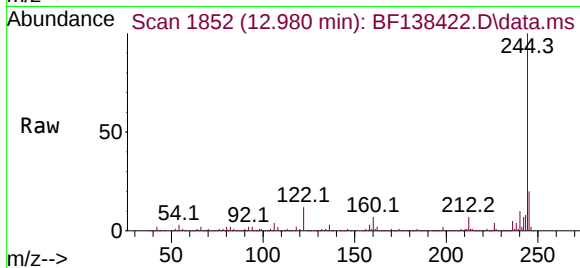
Tgt Ion:244 Resp: 1596770

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.6 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: BF138422.D

Acq: 02 Jul 2024 11:40

Tgt Ion:264 Resp: 323677

Ion Ratio Lower Upper

264 100

260 23.6 17.8 26.6

265 22.2 17.5 26.3

