

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
Data File : BF138650.D
Acq On : 25 Jul 2024 13:31
Operator : RC/JU
Sample : PB162271BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB162271BL

Quant Time: Jul 25 13:53:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	80158	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	332361	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	183022	20.000	ng	-0.02
64) Phenanthrene-d10	11.374	188	321824	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	160524	20.000	ng	-0.02
86) Perylene-d12	15.474	264	141233	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	727284	143.696	ng	0.00
7) Phenol-d6	6.492	99	968330	143.819	ng	-0.01
23) Nitrobenzene-d5	7.416	82	640580	94.629	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	238193	139.252	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1111525	94.918	ng	-0.02
79) Terphenyl-d14	12.963	244	1096611	111.292	ng	-0.01

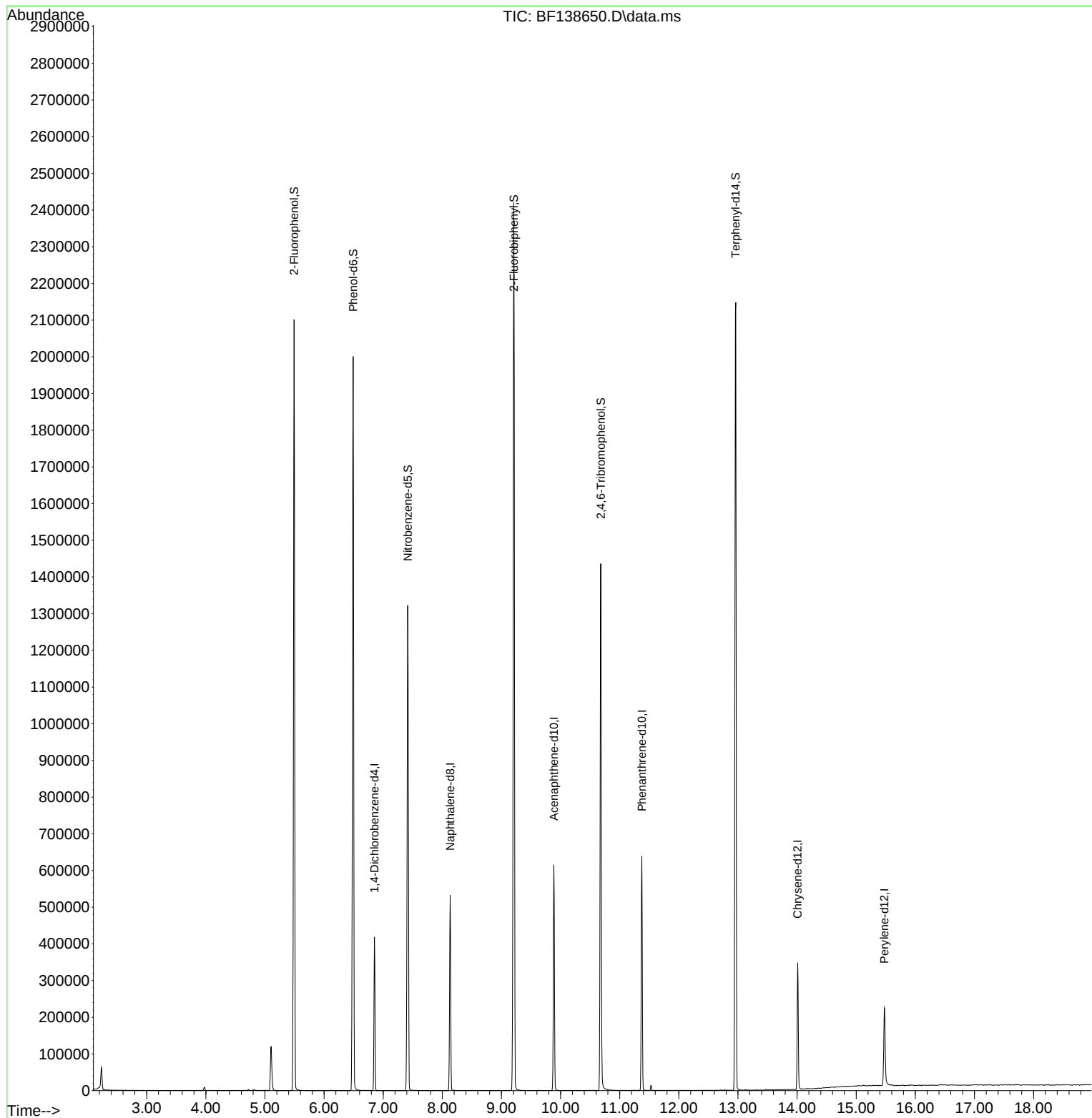
Target Compounds	Qvalue

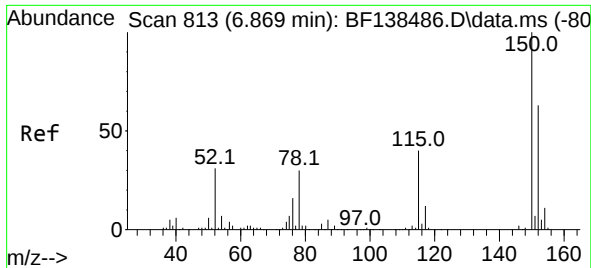
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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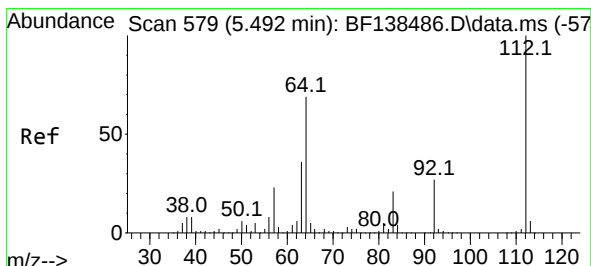
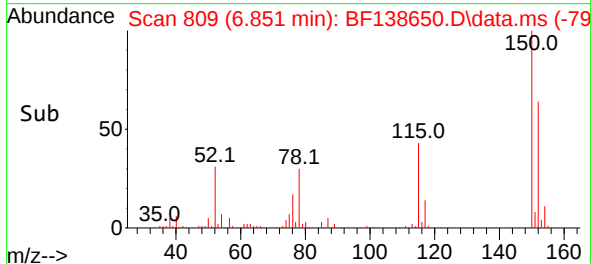
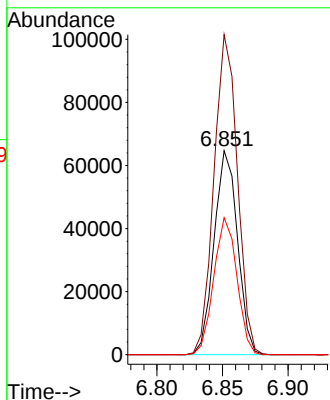
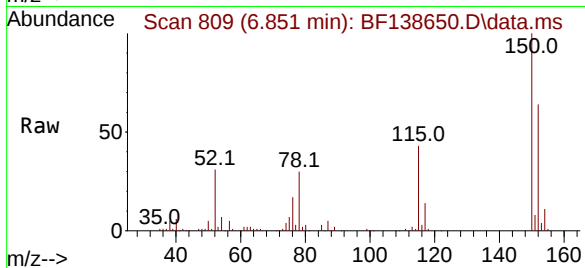




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138650.D
Acq: 25 Jul 2024 13:31

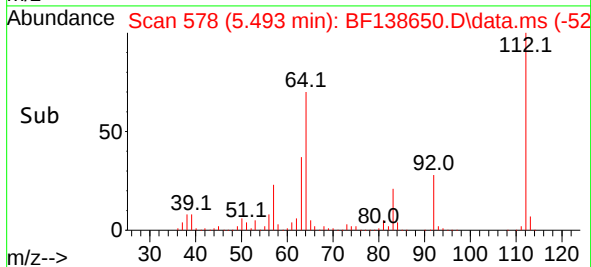
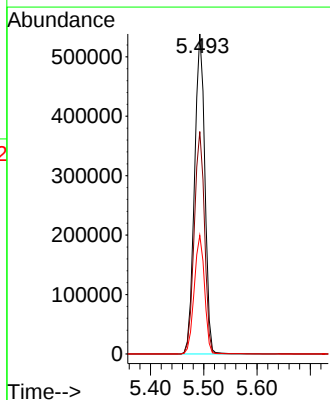
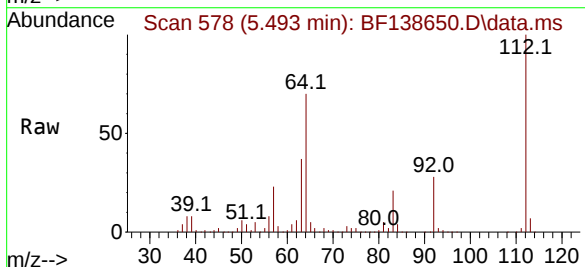
Instrument :
BNA_F
ClientSampleId :
PB162271BL

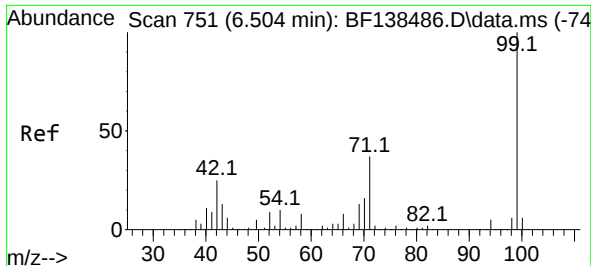
Tgt Ion:152 Resp: 80158
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.4
115 67.1 50.3 75.5



#5
2-Fluorophenol
Concen: 143.696 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF138650.D
Acq: 25 Jul 2024 13:31

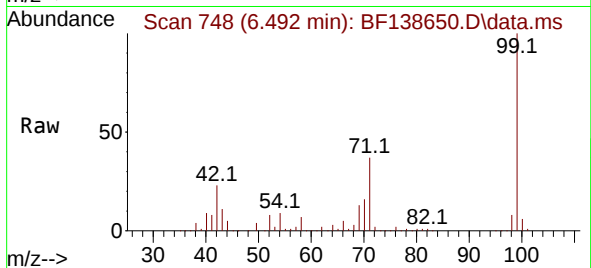
Tgt Ion:112 Resp: 727284
Ion Ratio Lower Upper
112 100
64 69.5 55.1 82.7
63 37.0 29.0 43.6





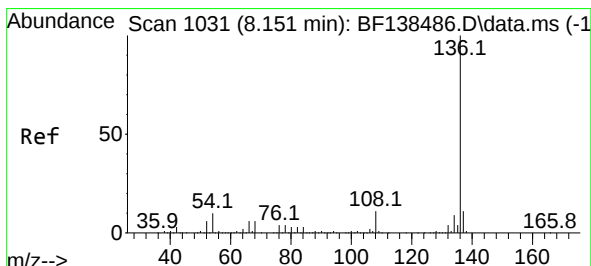
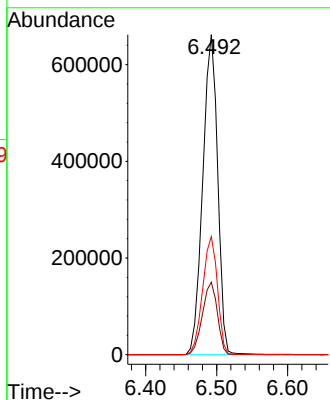
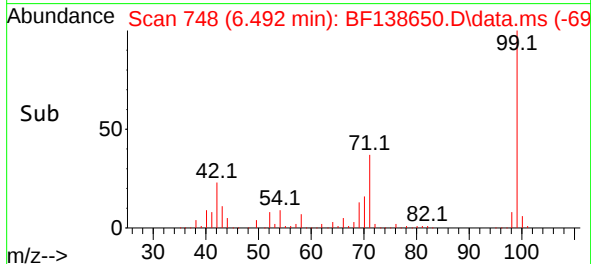
#7
Phenol-d6
Concen: 143.819 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138650.D
Acq: 25 Jul 2024 13:31

Instrument :
BNA_F
ClientSampleId :
PB162271BL

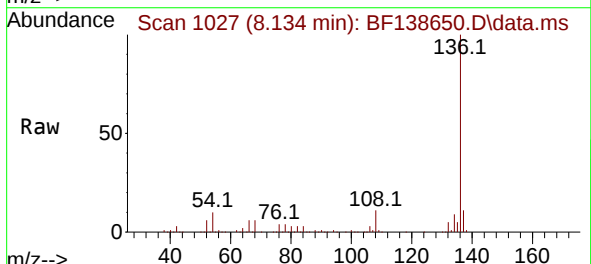


Tgt Ion: 99 Resp: 968330

Ion	Ratio	Lower	Upper
99	100		
42	22.6	19.7	29.5
71	36.9	29.9	44.9

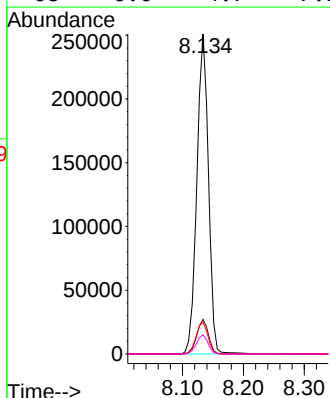
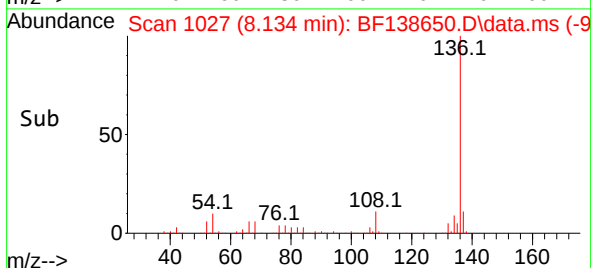


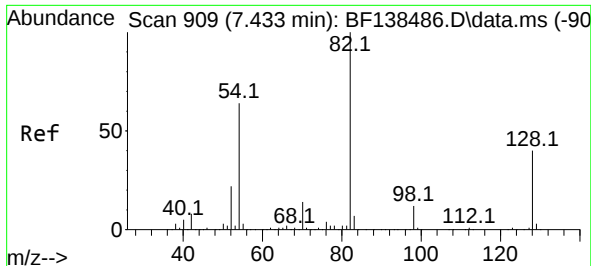
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.018 min
Lab File: BF138650.D
Acq: 25 Jul 2024 13:31



Tgt Ion: 136 Resp: 332361

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.0	8.1	12.1
68	6.0	4.7	7.1





#23

Nitrobenzene-d5

Concen: 94.629 ng

RT: 7.416 min Scan# 909

Delta R.T. -0.018 min

Lab File: BF138650.D

Acq: 25 Jul 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB162271BL

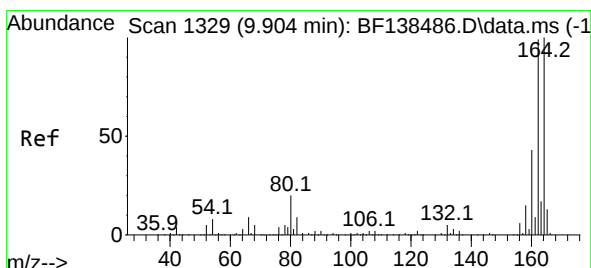
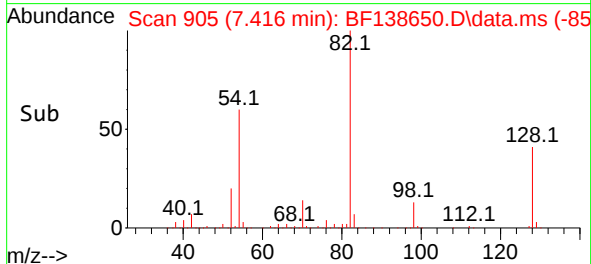
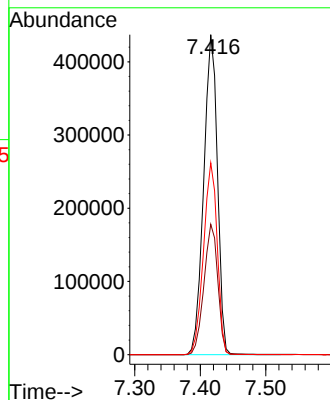
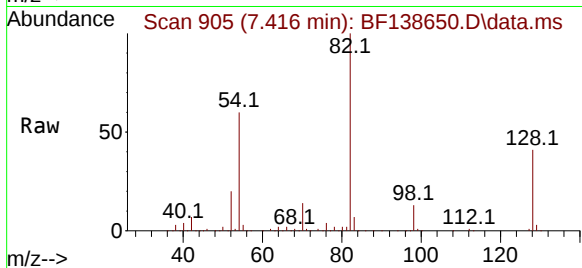
Tgt Ion: 82 Resp: 640580

Ion Ratio Lower Upper

82 100

128 40.7 32.3 48.5

54 60.0 51.4 77.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1325

Delta R.T. -0.018 min

Lab File: BF138650.D

Acq: 25 Jul 2024 13:31

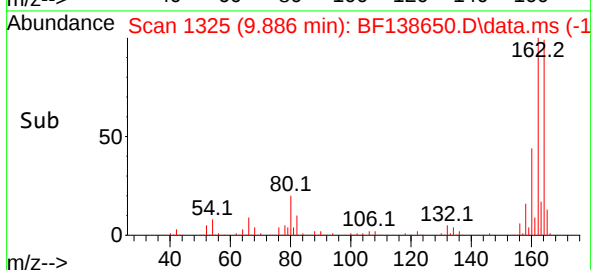
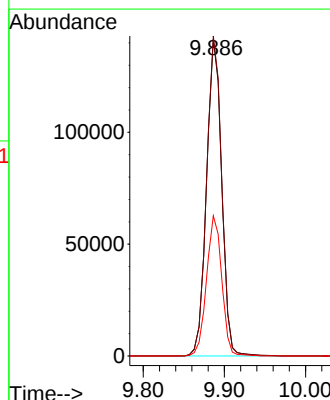
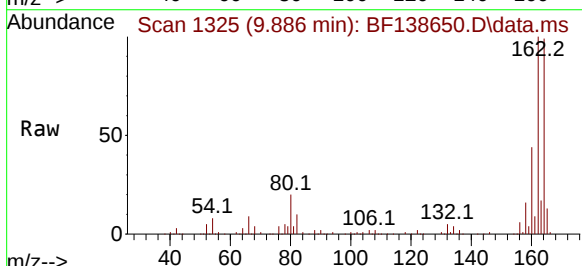
Tgt Ion:164 Resp: 183022

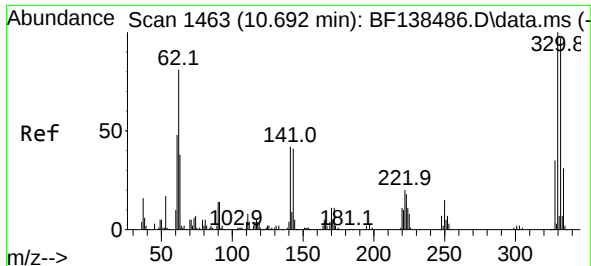
Ion Ratio Lower Upper

164 100

162 101.0 79.0 118.6

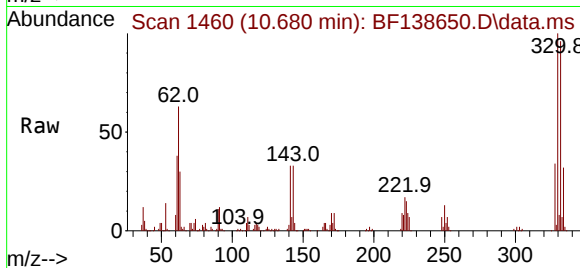
160 44.2 34.4 51.6



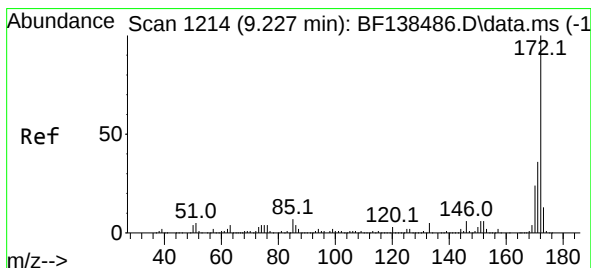
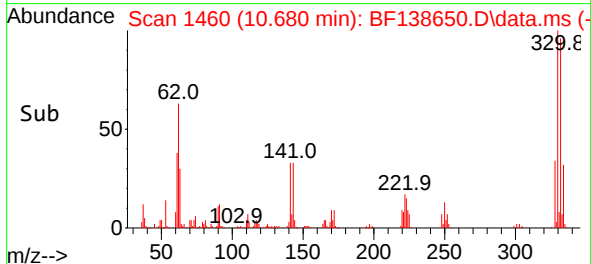
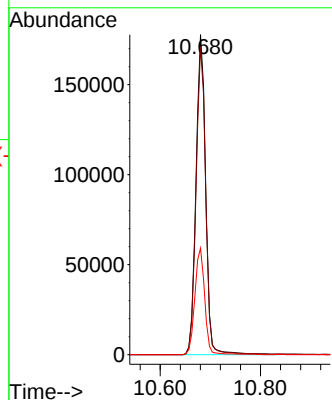


#42
2,4,6-Tribromophenol
Concen: 139.252 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138650.D
Acq: 25 Jul 2024 13:31

Instrument :
BNA_F
ClientSampleId :
PB162271BL

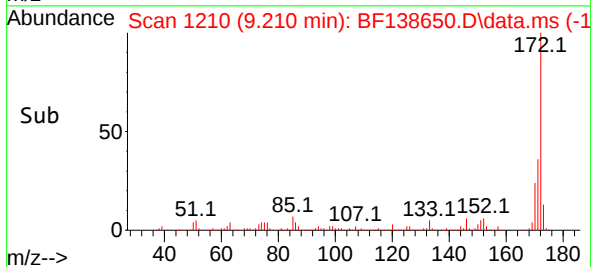
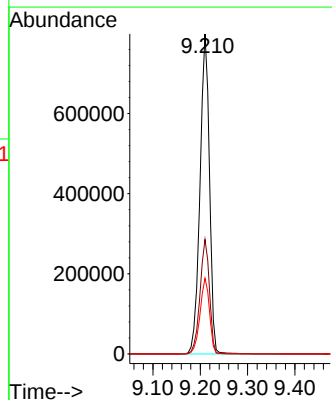
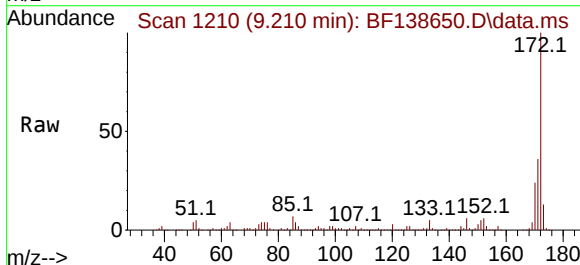


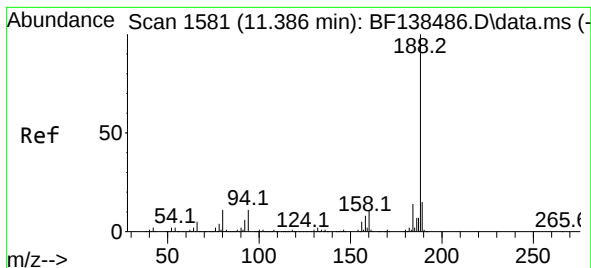
Tgt Ion:330 Resp: 238193
Ion Ratio Lower Upper
330 100
332 95.7 76.8 115.2
141 34.0 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 94.918 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.018 min
Lab File: BF138650.D
Acq: 25 Jul 2024 13:31

Tgt Ion:172 Resp: 1111525
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 23.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138650.D

Acq: 25 Jul 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB162271BL

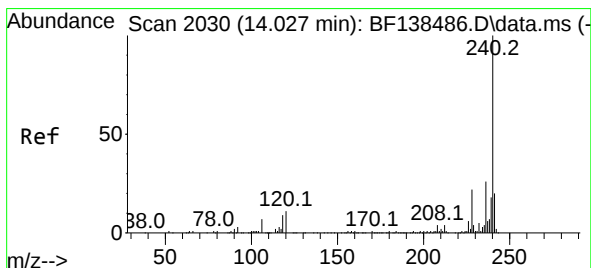
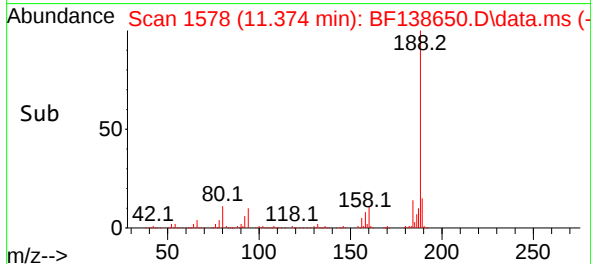
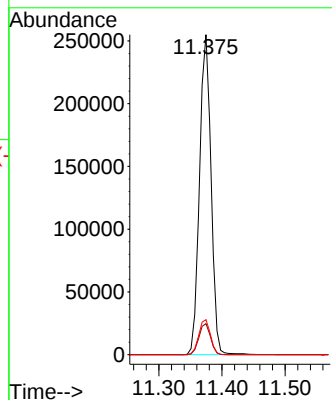
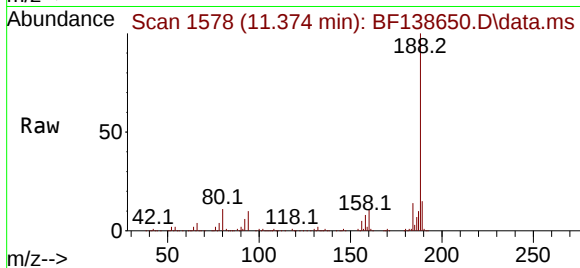
Tgt Ion:188 Resp: 321824

Ion Ratio Lower Upper

188 100

94 9.7 8.7 13.1

80 11.0 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.018 min

Lab File: BF138650.D

Acq: 25 Jul 2024 13:31

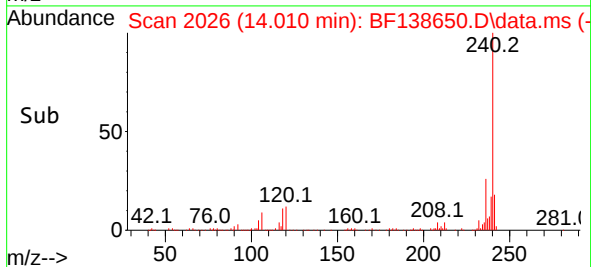
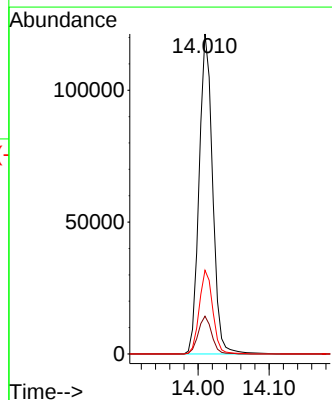
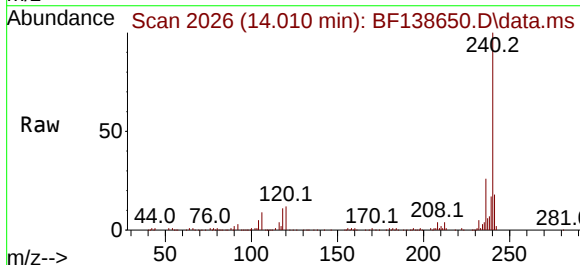
Tgt Ion:240 Resp: 160524

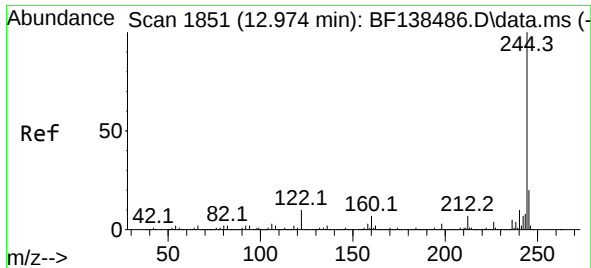
Ion Ratio Lower Upper

240 100

120 11.8 8.6 12.8

236 26.2 21.0 31.6

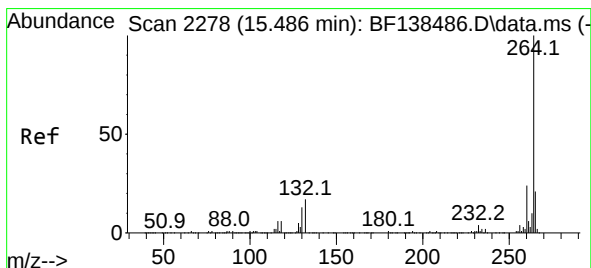
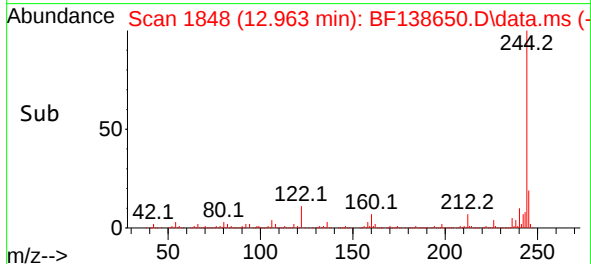
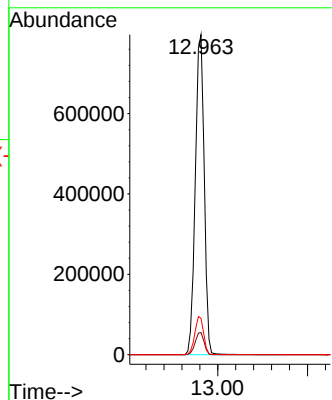
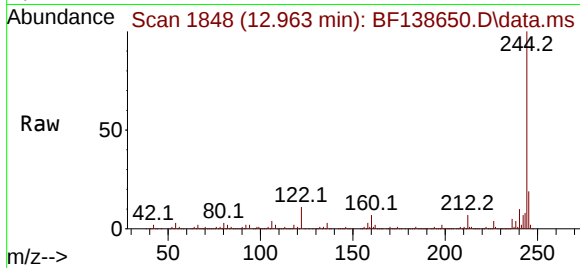




#79
 Terphenyl-d14
 Concen: 111.292 ng
 RT: 12.963 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF138650.D
 Acq: 25 Jul 2024 13:31

Instrument :
 BNA_F
 ClientSampleId :
 PB162271BL

Tgt Ion:244 Resp: 1096611
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.4 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2275
 Delta R.T. -0.012 min
 Lab File: BF138650.D
 Acq: 25 Jul 2024 13:31

Tgt Ion:264 Resp: 141233
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.6
 265 21.6 17.0 25.4

