

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
Data File : BF138623.D
Acq On : 23 Jul 2024 17:33
Operator : RC/JU
Sample : P3248-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-120-SB01

Quant Time: Jul 23 18:13:29 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	67816	20.000	ng	-0.02
21) Naphthalene-d8	8.133	136	276439	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	150631	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	240052	20.000	ng	-0.02
76) Chrysene-d12	14.004	240	113229	20.000	ng	-0.02
86) Perylene-d12	15.468	264	127868	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	408001	95.283	ng	-0.01
7) Phenol-d6	6.487	99	559904	98.293	ng	-0.02
23) Nitrobenzene-d5	7.410	82	350359	62.226	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	125994	89.497	ng	-0.02
45) 2-Fluorobiphenyl	9.204	172	610804	63.375	ng	-0.02
79) Terphenyl-d14	12.951	244	424187	61.031	ng	-0.02

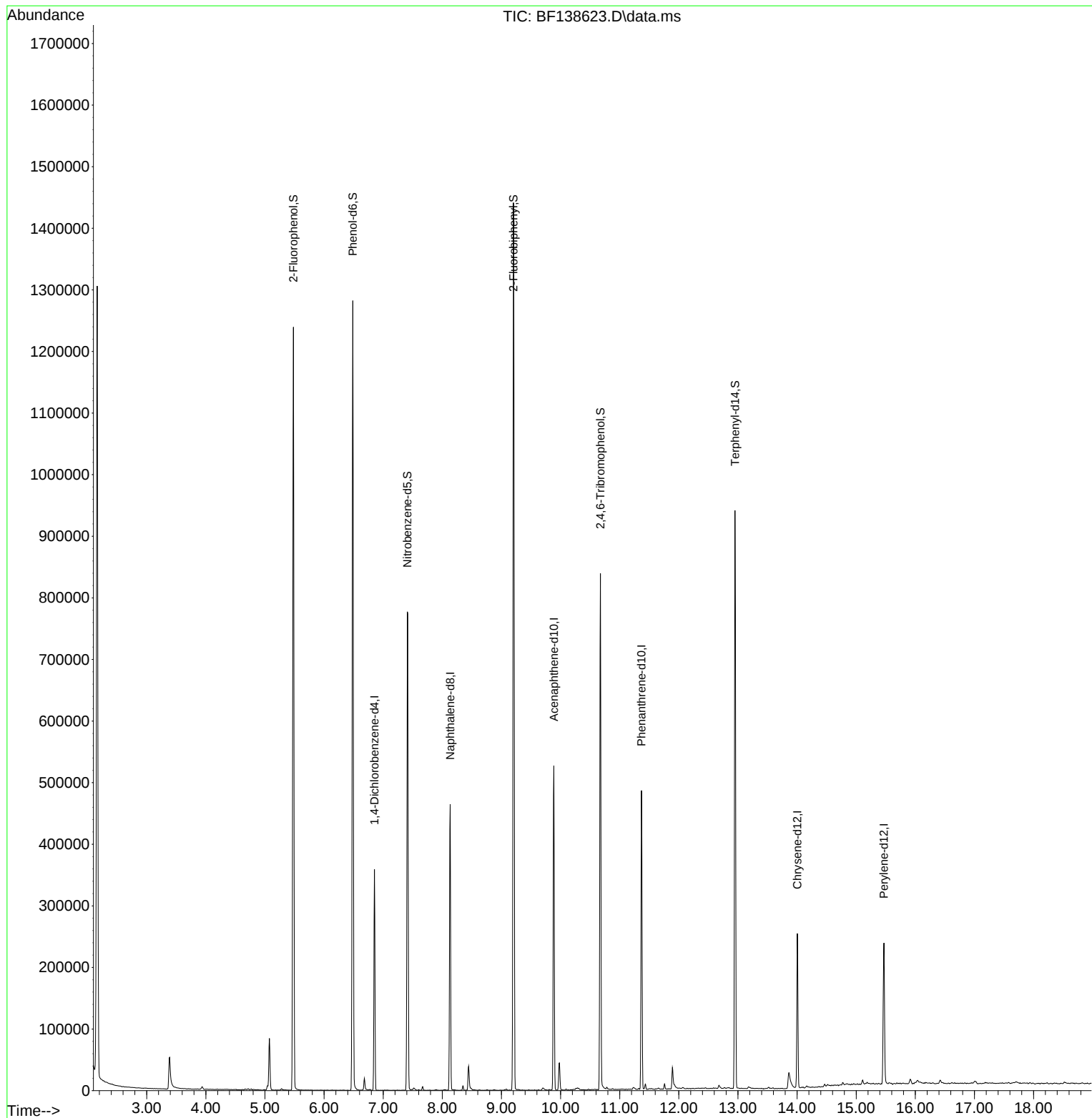
Target Compounds	Qvalue

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

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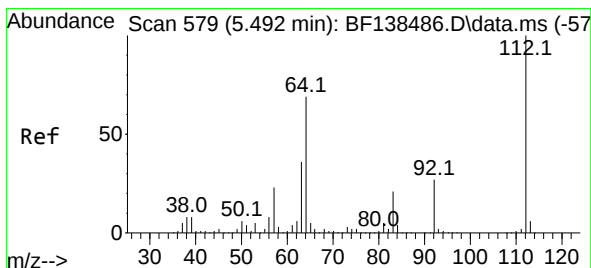
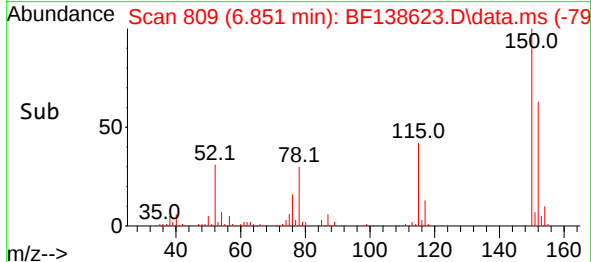
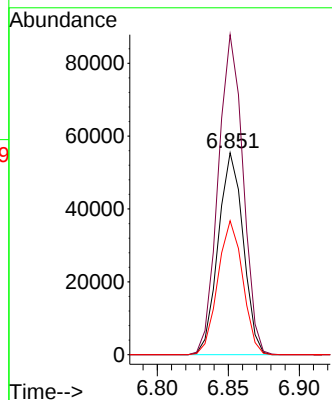
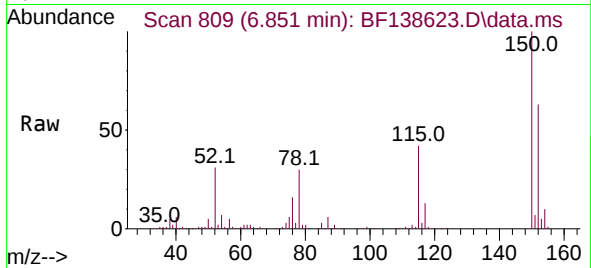




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138623.D
Acq: 23 Jul 2024 17:33

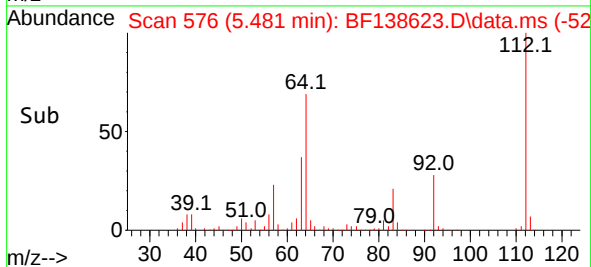
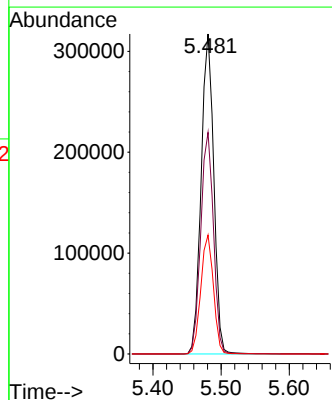
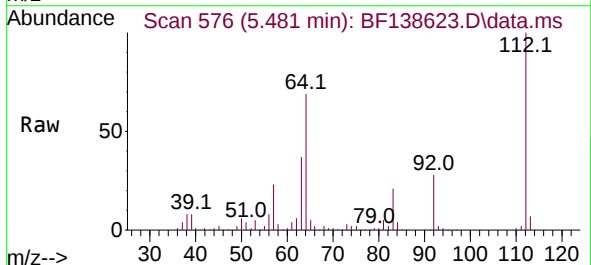
Instrument :
BNA_F
ClientSampleId :
B-120-SB01

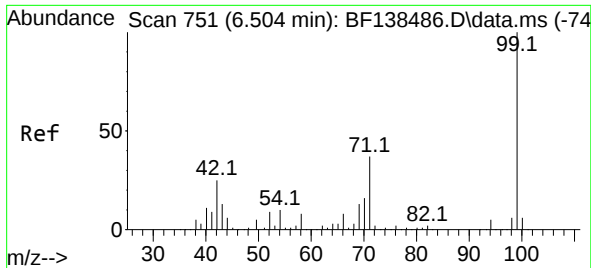
Tgt Ion:152 Resp: 67816
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.4
115 66.3 50.3 75.5



#5
2-Fluorophenol
Concen: 95.283 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF138623.D
Acq: 23 Jul 2024 17:33

Tgt Ion:112 Resp: 408001
Ion Ratio Lower Upper
112 100
64 69.3 55.1 82.7
63 37.2 29.0 43.6

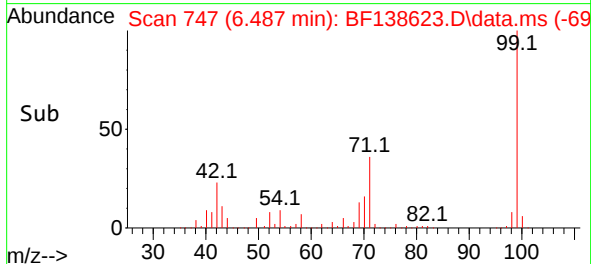
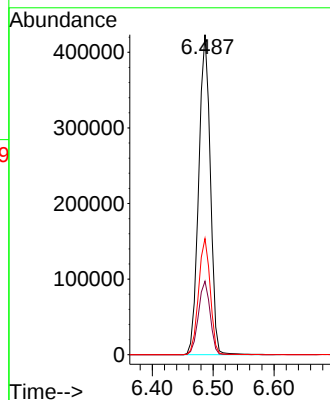
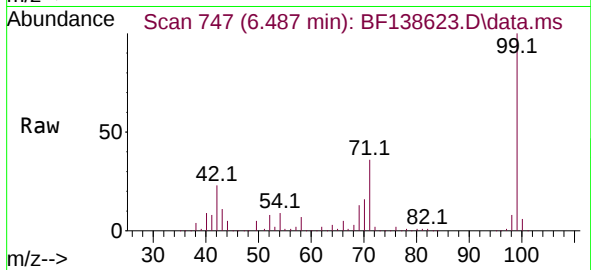




#7
Phenol-d6
Concen: 98.293 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138623.D
Acq: 23 Jul 2024 17:33

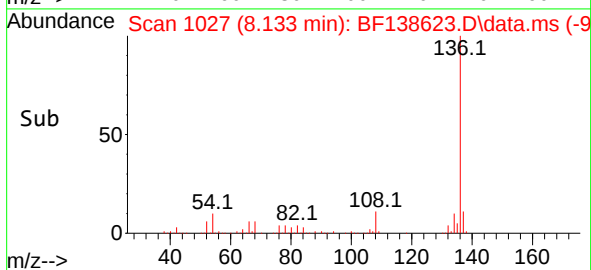
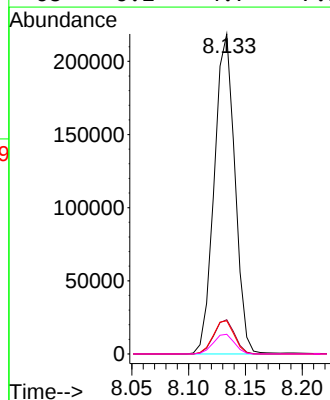
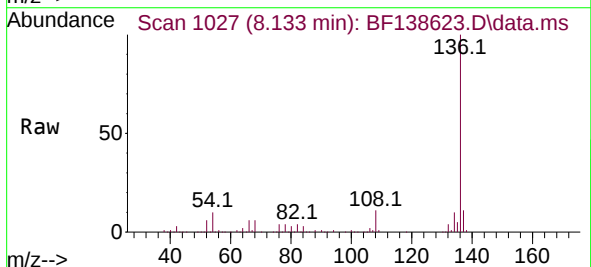
Instrument :
BNA_F
ClientSampleId :
B-120-SB01

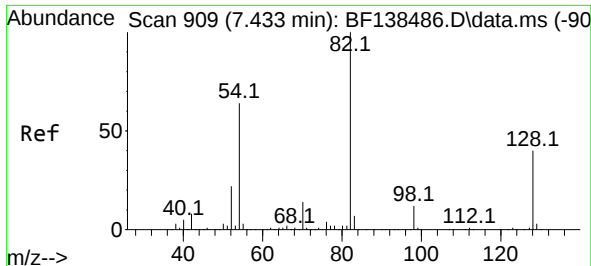
Tgt Ion: 99 Resp: 559904
Ion Ratio Lower Upper
99 100
42 22.9 19.7 29.5
71 36.3 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.018 min
Lab File: BF138623.D
Acq: 23 Jul 2024 17:33

Tgt Ion: 136 Resp: 276439
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.4 8.1 12.1
68 6.2 4.7 7.1





#23

Nitrobenzene-d5

Concen: 62.226 ng

RT: 7.410 min Scan# 909

Delta R.T. -0.023 min

Lab File: BF138623.D

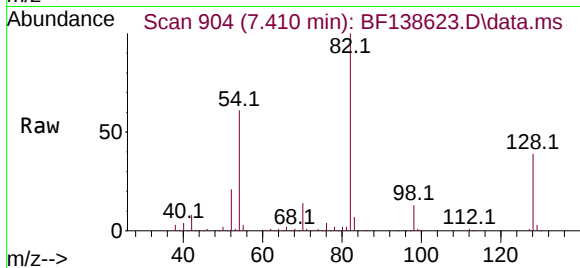
Acq: 23 Jul 2024 17:33

Instrument :

BNA_F

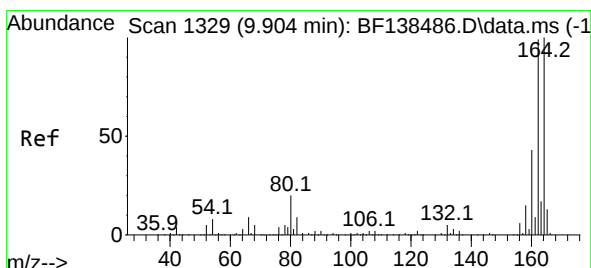
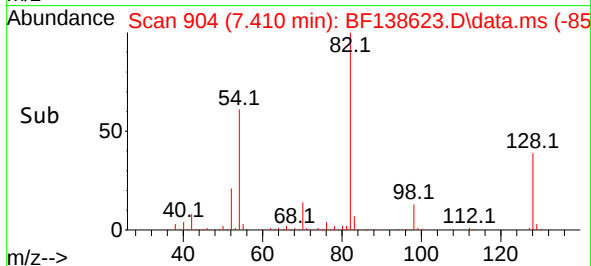
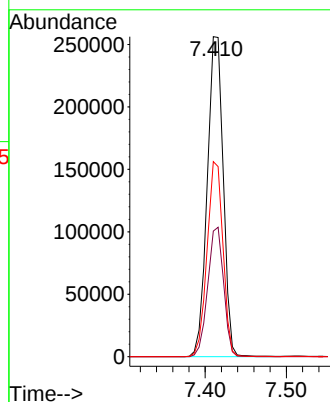
ClientSampleId :

B-120-SB01



Tgt Ion: 82 Resp: 350359

Ion	Ratio	Lower	Upper
82	100		
128	39.3	32.3	48.5
54	61.0	51.4	77.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1325

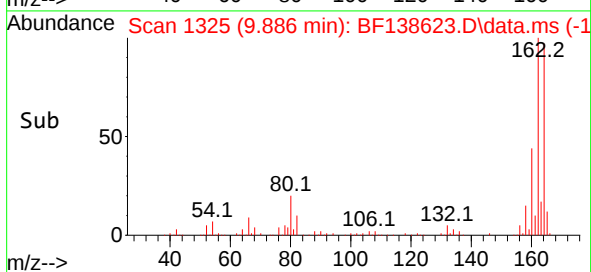
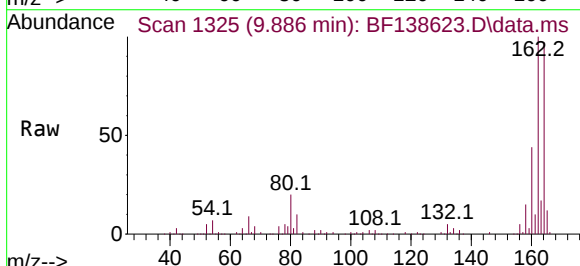
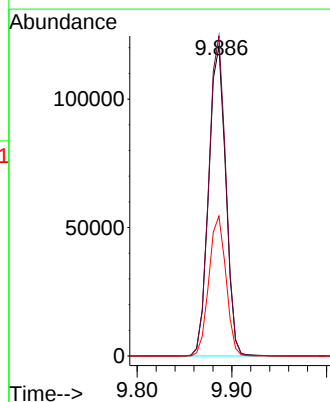
Delta R.T. -0.018 min

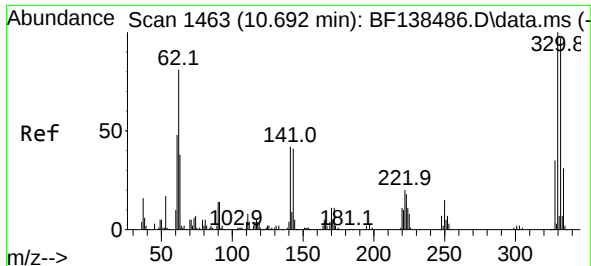
Lab File: BF138623.D

Acq: 23 Jul 2024 17:33

Tgt Ion: 164 Resp: 150631

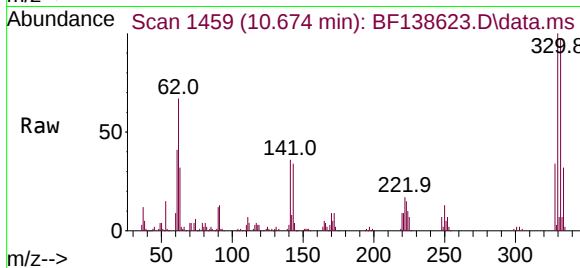
Ion	Ratio	Lower	Upper
164	100		
162	103.4	79.0	118.6
160	45.2	34.4	51.6



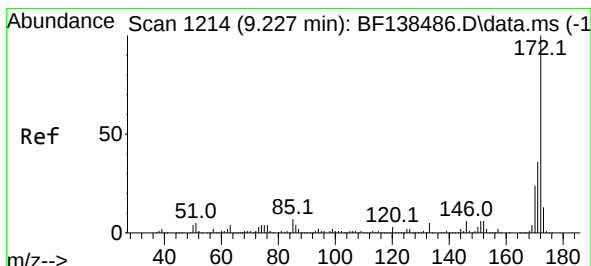
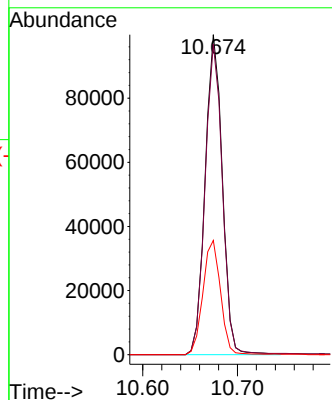
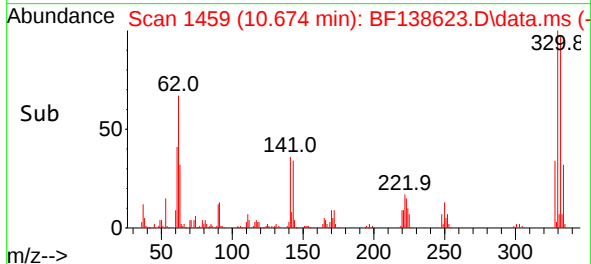


#42
2,4,6-Tribromophenol
Concen: 89.497 ng
RT: 10.674 min Scan# 1463
Delta R.T. -0.018 min
Lab File: BF138623.D
Acq: 23 Jul 2024 17:33

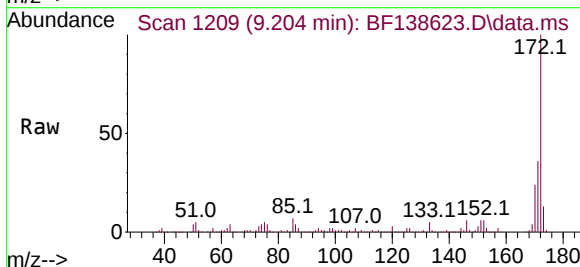
Instrument :
BNA_F
ClientSampleId :
B-120-SB01



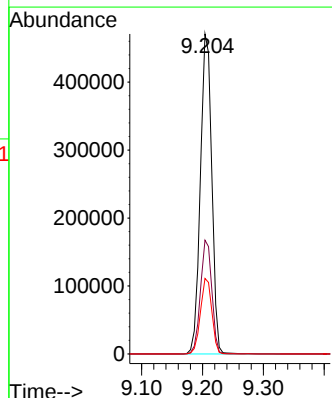
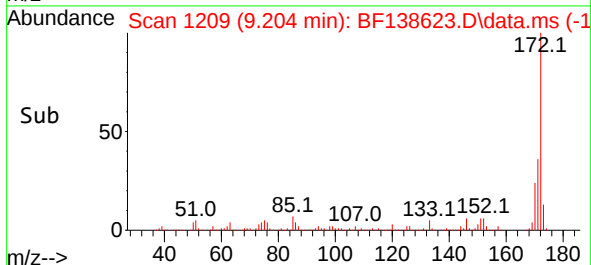
Tgt Ion:330 Resp: 125994
Ion Ratio Lower Upper
330 100
332 98.2 76.8 115.2
141 36.4 29.4 44.2

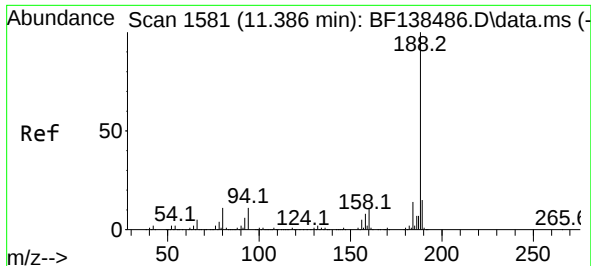


#45
2-Fluorobiphenyl
Concen: 63.375 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.023 min
Lab File: BF138623.D
Acq: 23 Jul 2024 17:33



Tgt Ion:172 Resp: 610804
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 23.6 18.9 28.3

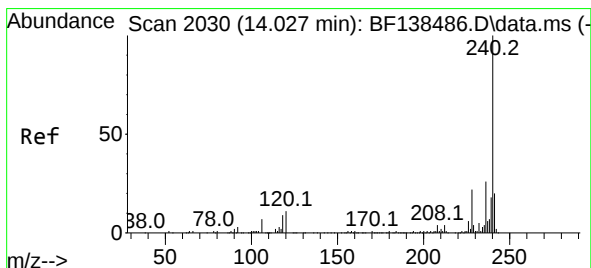
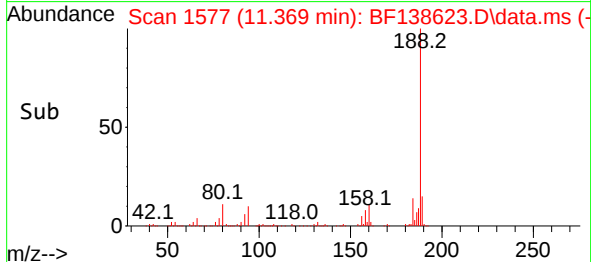
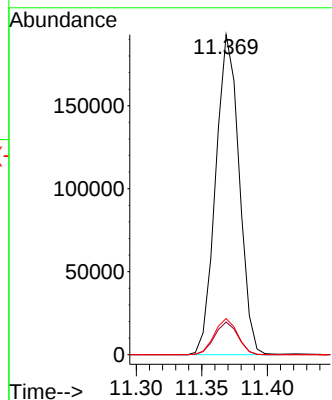
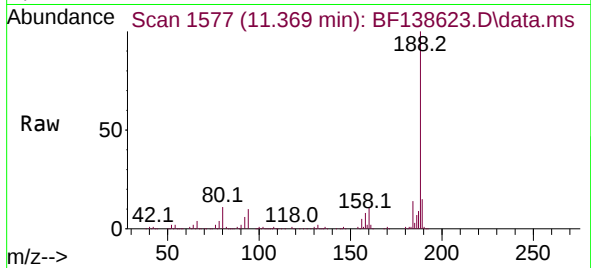




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138623.D
Acq: 23 Jul 2024 17:33

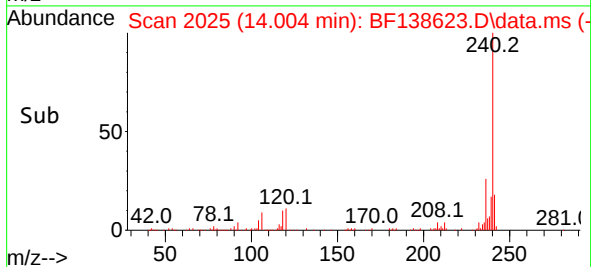
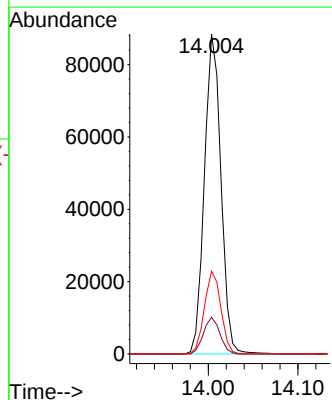
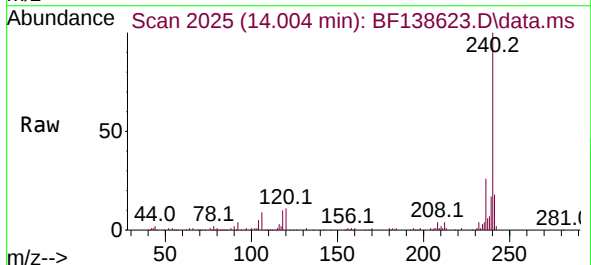
Instrument :
BNA_F
ClientSampleId :
B-120-SB01

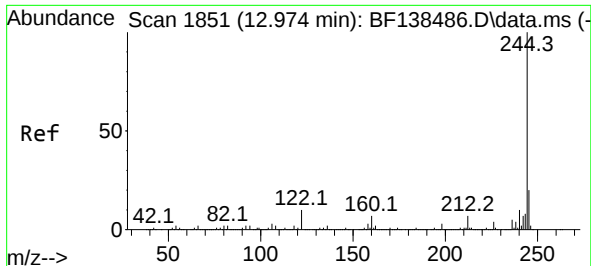
Tgt Ion:188 Resp: 240052
Ion Ratio Lower Upper
188 100
94 10.2 8.7 13.1
80 11.3 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.023 min
Lab File: BF138623.D
Acq: 23 Jul 2024 17:33

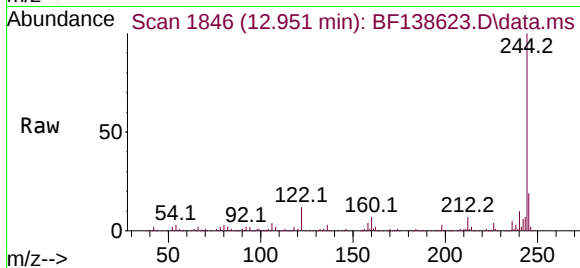
Tgt Ion:240 Resp: 113229
Ion Ratio Lower Upper
240 100
120 11.5 8.6 12.8
236 25.9 21.0 31.6



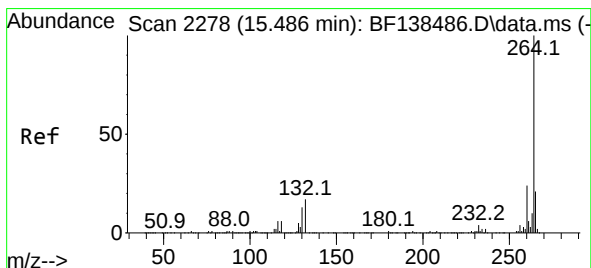
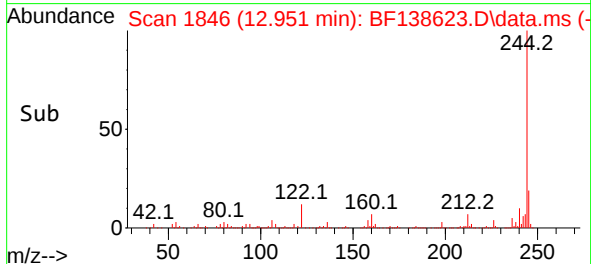
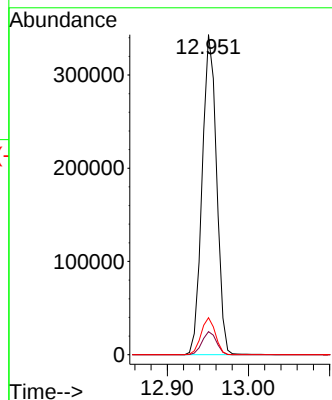


#79
 Terphenyl-d14
 Concen: 61.031 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. -0.023 min
 Lab File: BF138623.D
 Acq: 23 Jul 2024 17:33

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 424187
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 11.5 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2274
 Delta R.T. -0.018 min
 Lab File: BF138623.D
 Acq: 23 Jul 2024 17:33

Tgt Ion:264 Resp: 127868
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 20.9 17.0 25.4

