

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
Data File : BF138622.D
Acq On : 23 Jul 2024 17:02
Operator : RC/JU
Sample : P3299-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-303-20240717

Quant Time: Jul 23 17:39:34 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	73962	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	306137	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	167304	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	262859	20.000	ng	-0.02
76) Chrysene-d12	14.004	240	117341	20.000	ng	-0.02
86) Perylene-d12	15.468	264	137272	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	427879	91.622	ng	-0.01
7) Phenol-d6	6.487	99	382444	61.560	ng	-0.02
23) Nitrobenzene-d5	7.416	82	588261	94.344	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	207291	132.571	ng	-0.02
45) 2-Fluorobiphenyl	9.210	172	998696	93.295	ng	-0.02
79) Terphenyl-d14	12.957	244	732952	101.760	ng	-0.02

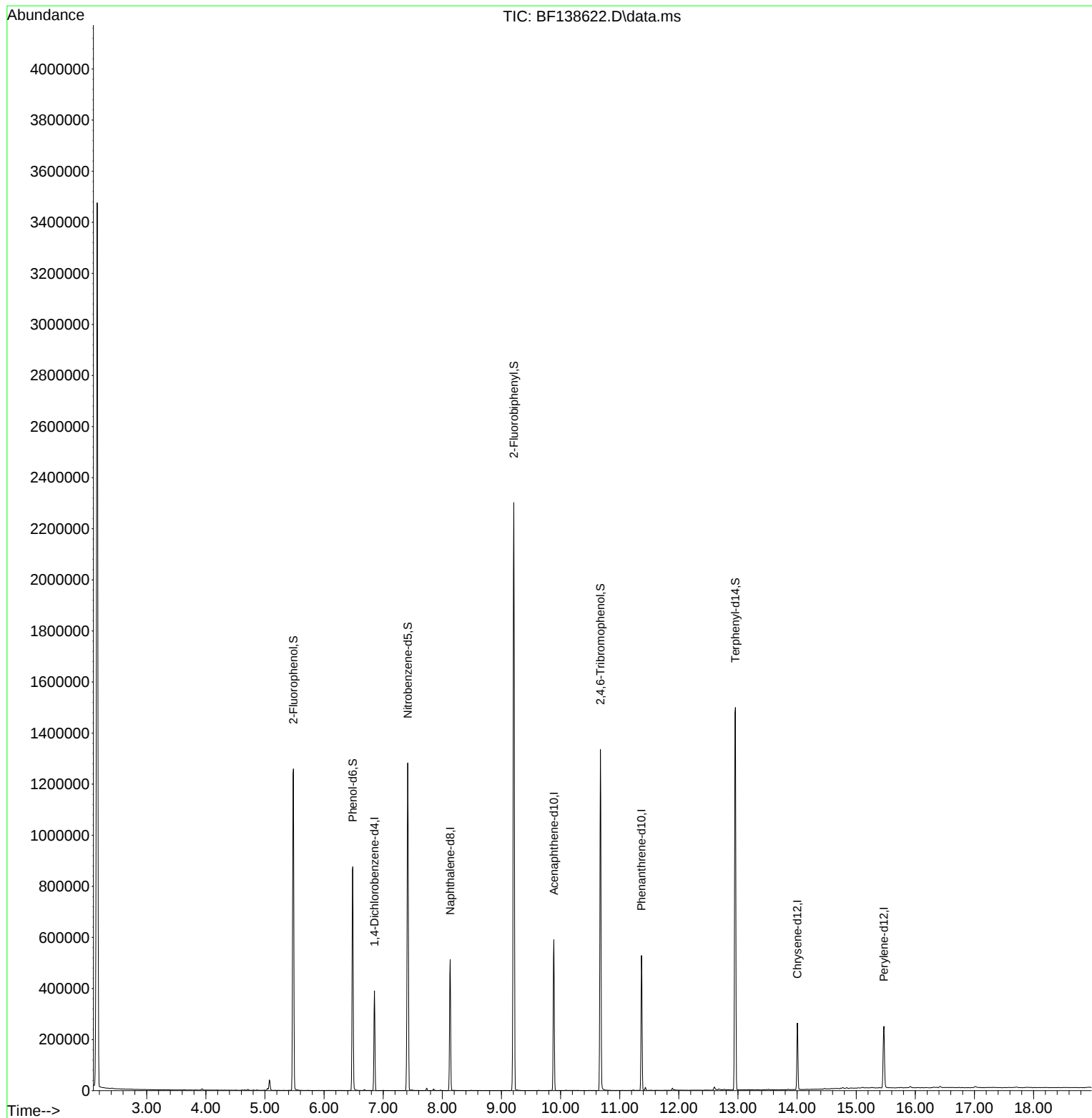
Target Compounds	Qvalue

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

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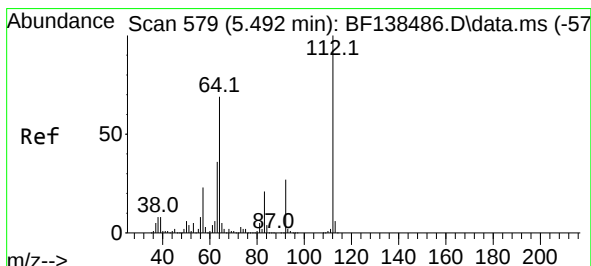
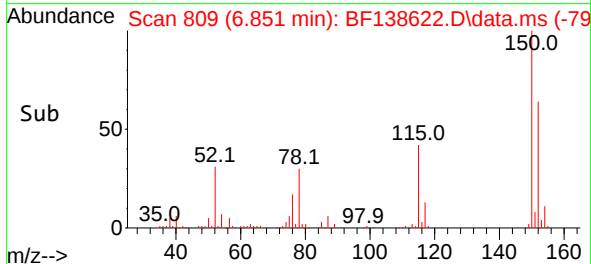
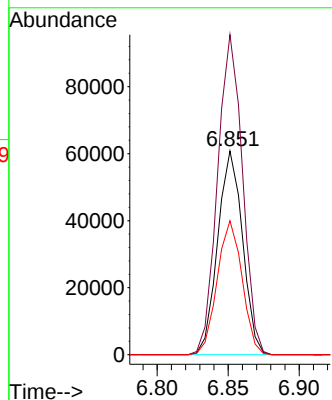
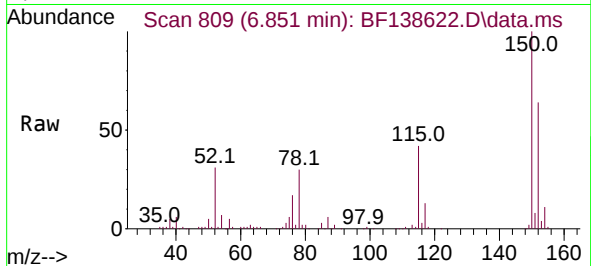




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138622.D
Acq: 23 Jul 2024 17:02

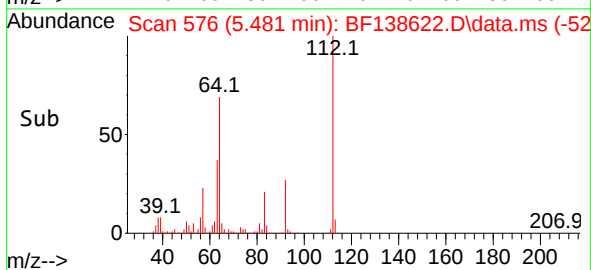
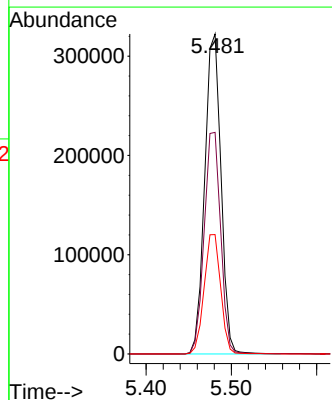
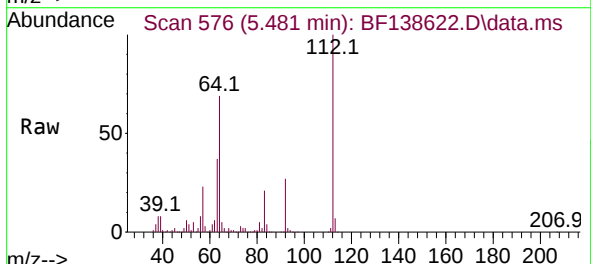
Instrument :
BNA_F
ClientSampleId :
SP-303-20240717

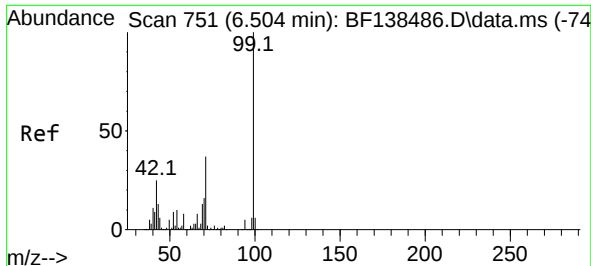
Tgt Ion:152 Resp: 73962
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.4
115 65.8 50.3 75.5



#5
2-Fluorophenol
Concen: 91.622 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF138622.D
Acq: 23 Jul 2024 17:02

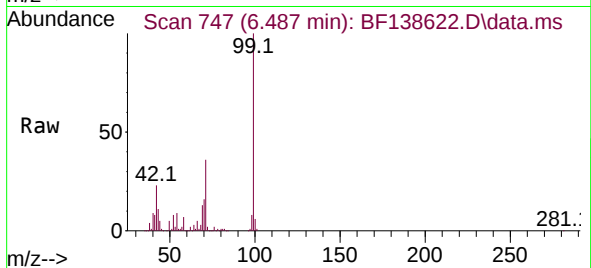
Tgt Ion:112 Resp: 427879
Ion Ratio Lower Upper
112 100
64 69.3 55.1 82.7
63 37.3 29.0 43.6





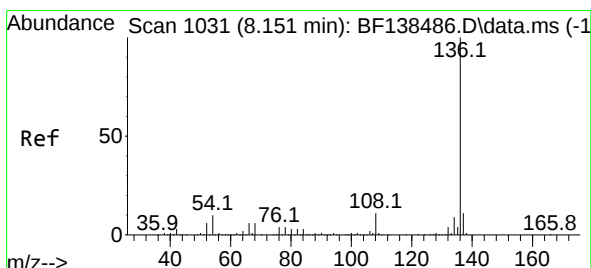
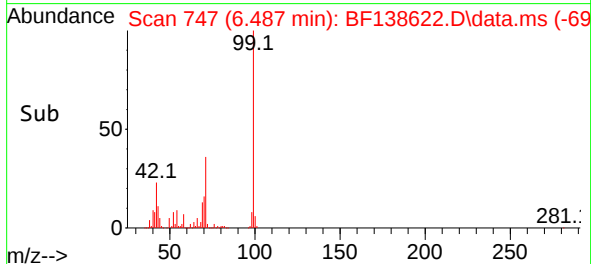
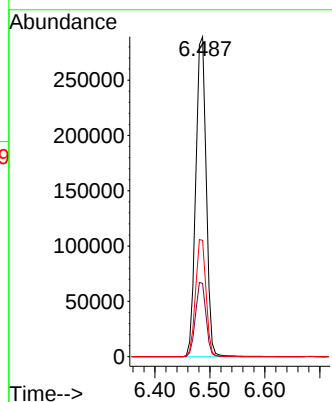
#7
Phenol-d6
Concen: 61.560 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138622.D
Acq: 23 Jul 2024 17:02

Instrument :
BNA_F
ClientSampleId :
SP-303-20240717



Tgt Ion: 99 Resp: 382444

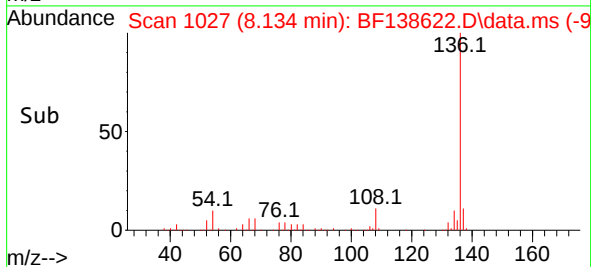
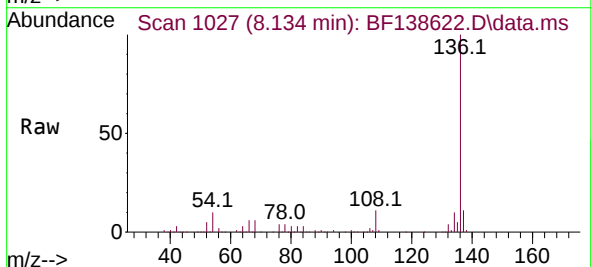
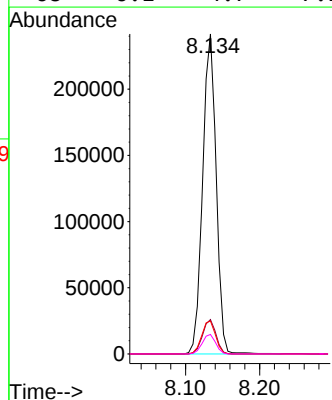
Ion	Ratio	Lower	Upper
99	100		
42	22.9	19.7	29.5
71	36.4	29.9	44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.018 min
Lab File: BF138622.D
Acq: 23 Jul 2024 17:02

Tgt Ion: 136 Resp: 306137

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.3	8.1	12.1
68	6.1	4.7	7.1

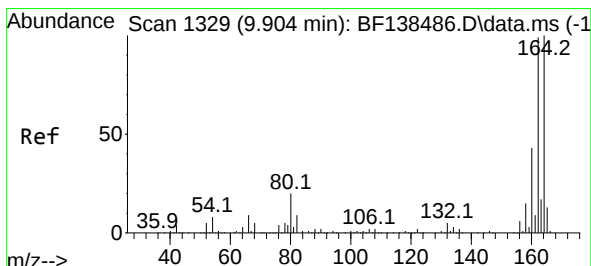
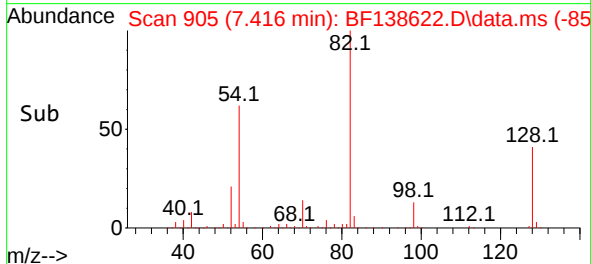
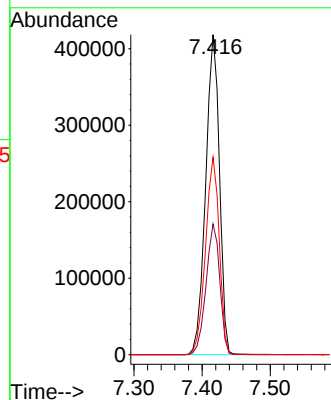
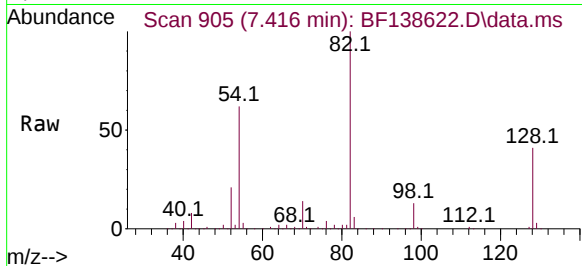




#23
 Nitrobenzene-d5
 Concen: 94.344 ng
 RT: 7.416 min Scan# 909
 Delta R.T. -0.018 min
 Lab File: BF138622.D
 Acq: 23 Jul 2024 17:02

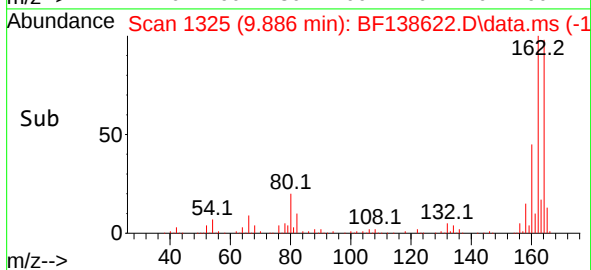
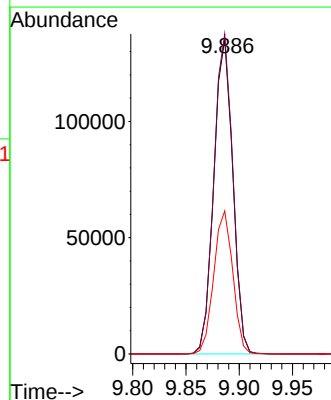
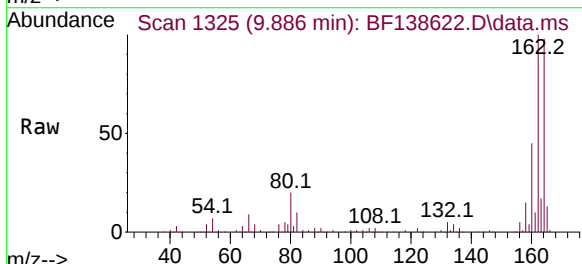
Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20240717

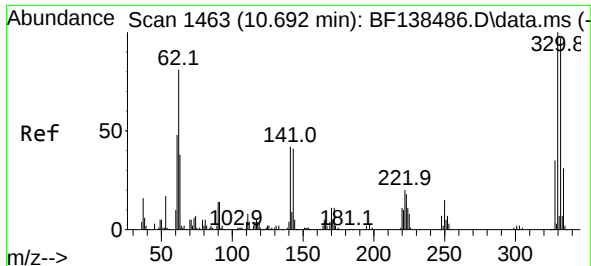
Tgt Ion: 82 Resp: 588261
 Ion Ratio Lower Upper
 82 100
 128 40.9 32.3 48.5
 54 61.7 51.4 77.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.886 min Scan# 1325
 Delta R.T. -0.018 min
 Lab File: BF138622.D
 Acq: 23 Jul 2024 17:02

Tgt Ion: 164 Resp: 167304
 Ion Ratio Lower Upper
 164 100
 162 101.8 79.0 118.6
 160 45.5 34.4 51.6

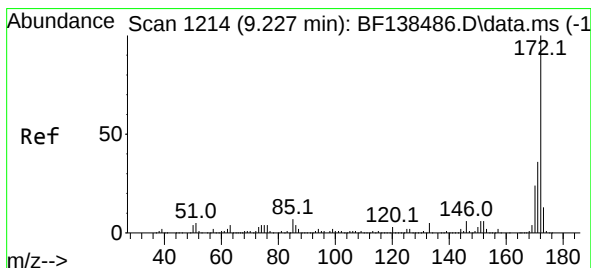
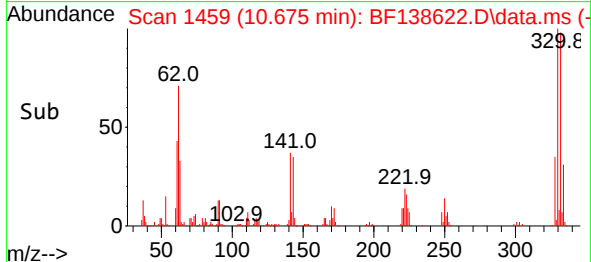
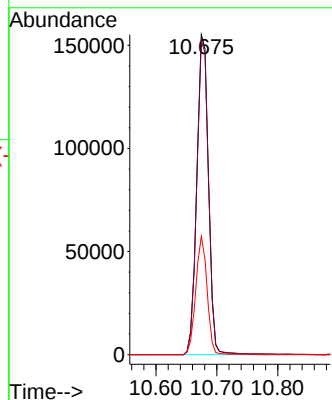
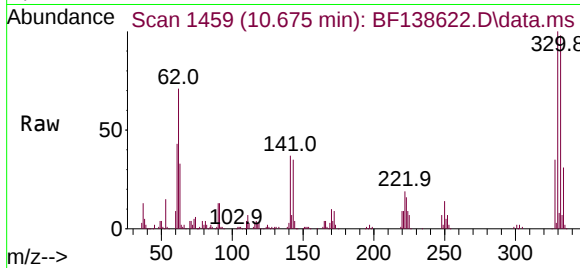




#42
2,4,6-Tribromophenol
Concen: 132.571 ng
RT: 10.675 min Scan# 1463
Delta R.T. -0.018 min
Lab File: BF138622.D
Acq: 23 Jul 2024 17:02

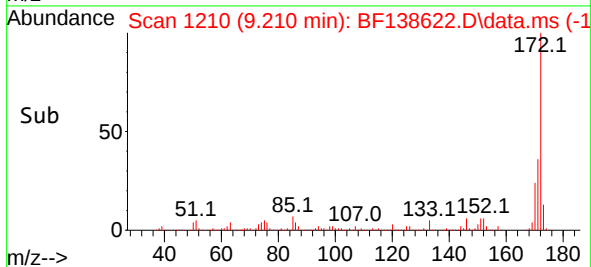
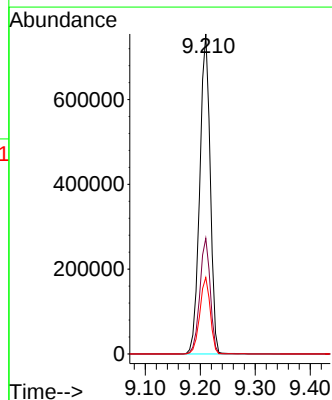
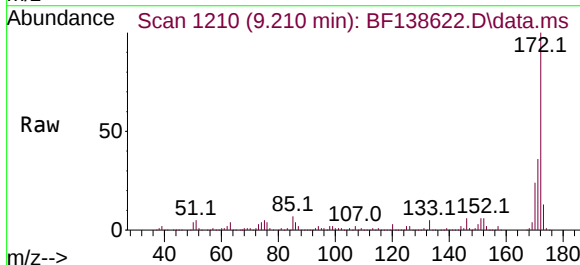
Instrument :
BNA_F
ClientSampleId :
SP-303-20240717

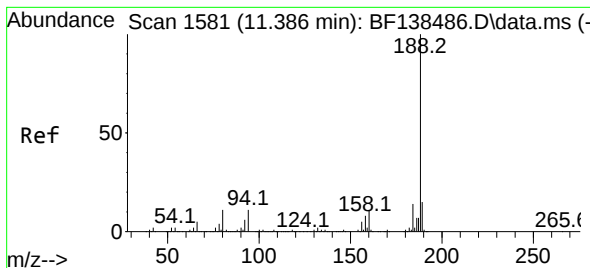
Tgt Ion:330 Resp: 207291
Ion Ratio Lower Upper
330 100
332 99.1 76.8 115.2
141 35.9 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 93.295 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.018 min
Lab File: BF138622.D
Acq: 23 Jul 2024 17:02

Tgt Ion:172 Resp: 998696
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 23.9 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138622.D

Acq: 23 Jul 2024 17:02

Instrument :

BNA_F

ClientSampleId :

SP-303-20240717

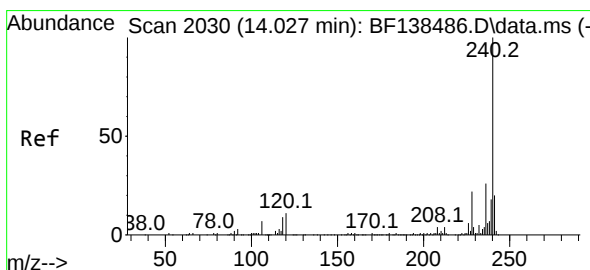
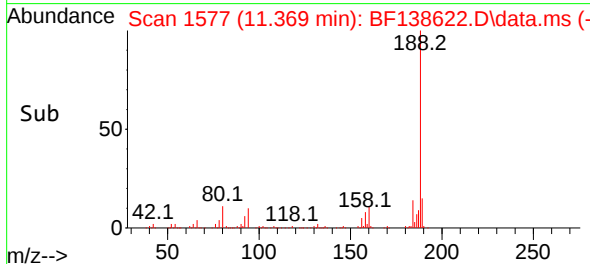
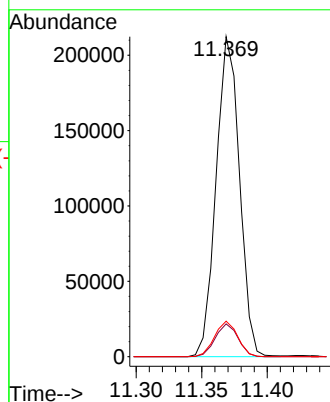
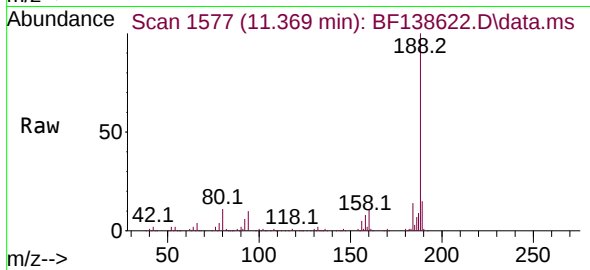
Tgt Ion:188 Resp: 262859

Ion Ratio Lower Upper

188 100

94 10.2 8.7 13.1

80 11.1 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: BF138622.D

Acq: 23 Jul 2024 17:02

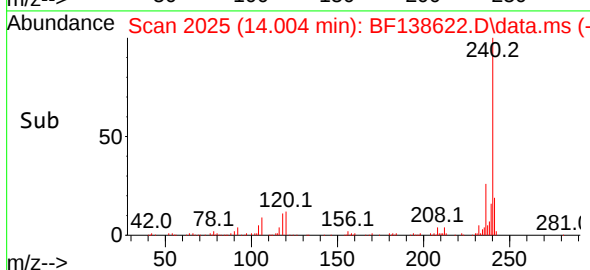
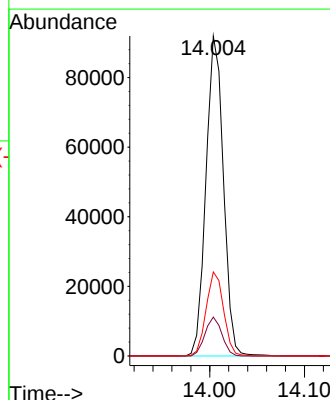
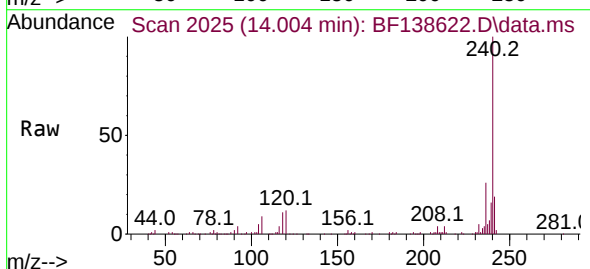
Tgt Ion:240 Resp: 117341

Ion Ratio Lower Upper

240 100

120 12.2 8.6 12.8

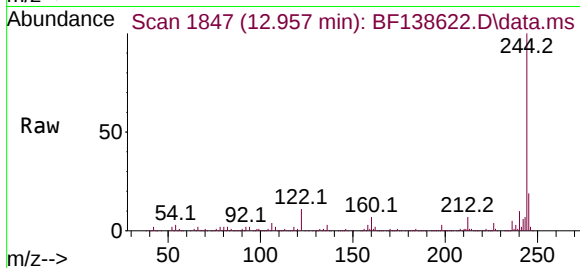
236 26.3 21.0 31.6



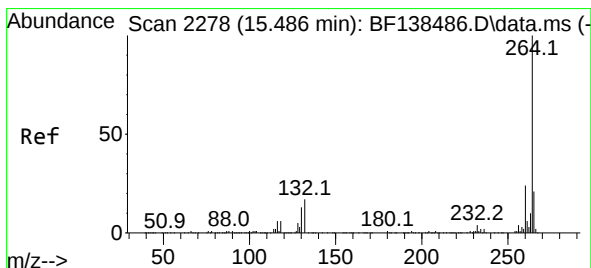
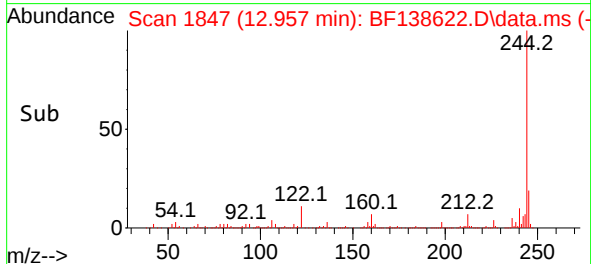
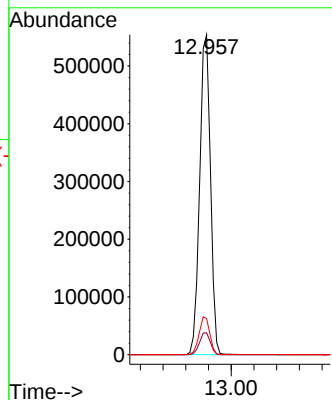


#79
Terphenyl-d14
Concen: 101.760 ng
RT: 12.957 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138622.D
Acq: 23 Jul 2024 17:02

Instrument :
BNA_F
ClientSampleId :
SP-303-20240717



Tgt Ion:244 Resp: 732952
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 11.3 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: BF138622.D
Acq: 23 Jul 2024 17:02

Tgt Ion:264 Resp: 137272
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 21.5 17.0 25.4

