

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138584.D
 Acq On : 19 Jul 2024 12:29
 Operator : RC/JU
 Sample : P3248-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-120-SB02

Quant Time: Jul 19 13:08:49 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	6.857	152	66027	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	261785	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	141716	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	246741	20.000	ng	0.00
76) Chrysene-d12	14.016	240	140623	20.000	ng	-0.01
86) Perylene-d12	15.480	264	161967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	400926	96.168	ng	0.00
7) Phenol-d6	6.492	99	540673	97.488	ng	-0.01
23) Nitrobenzene-d5	7.416	82	326389	61.214	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	130102	98.229	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	558349	61.577	ng	-0.01
79) Terphenyl-d14	12.963	244	539335	62.482	ng	-0.01

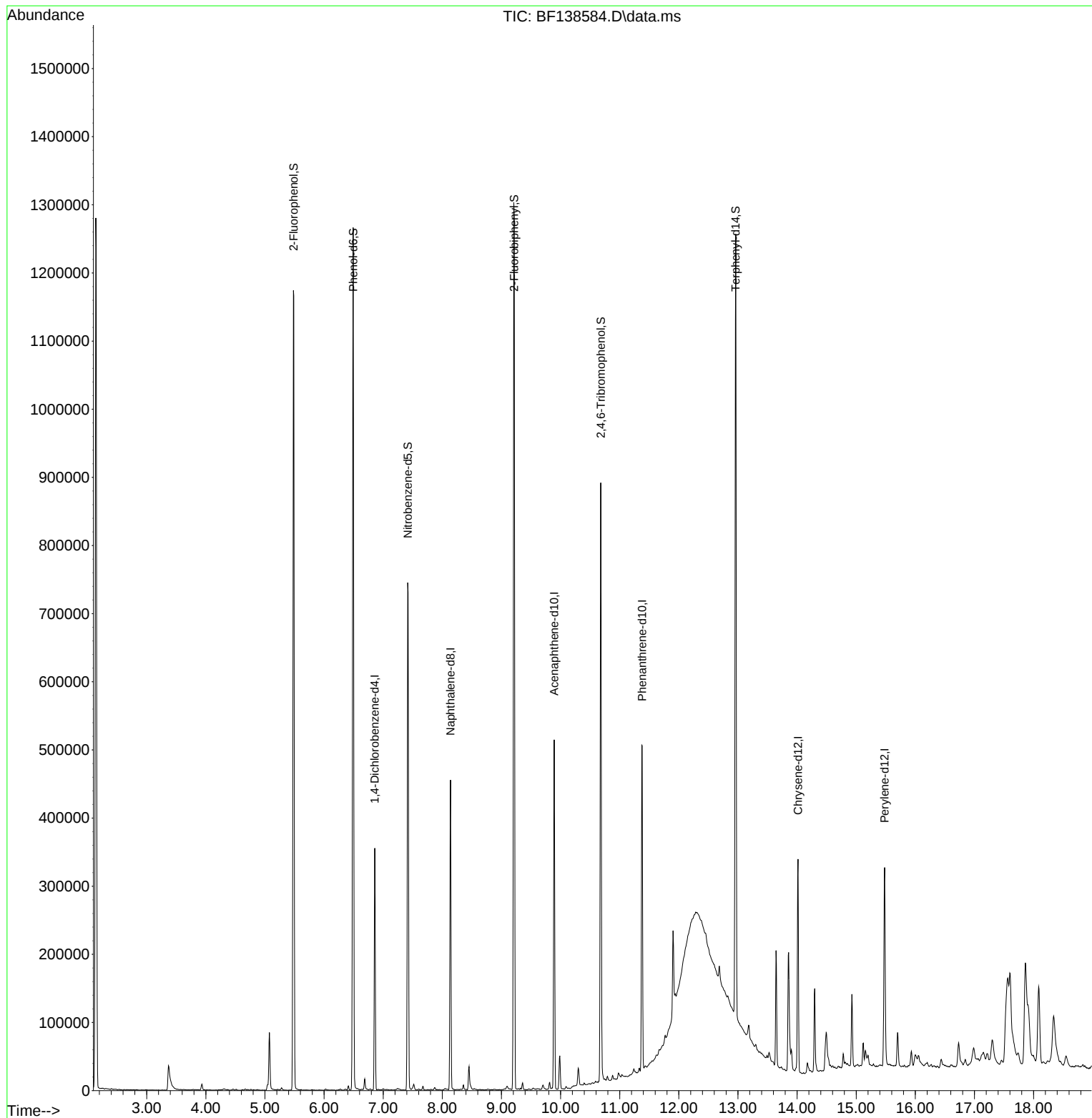
Target Compounds	Qvalue

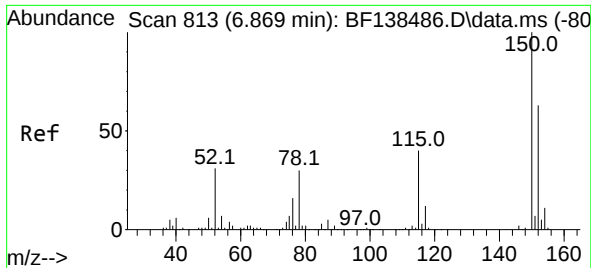
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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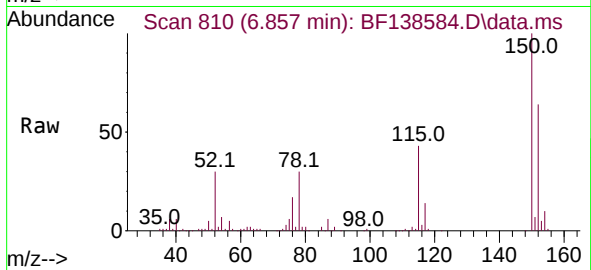
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
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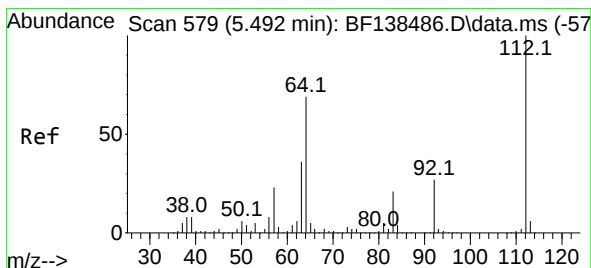
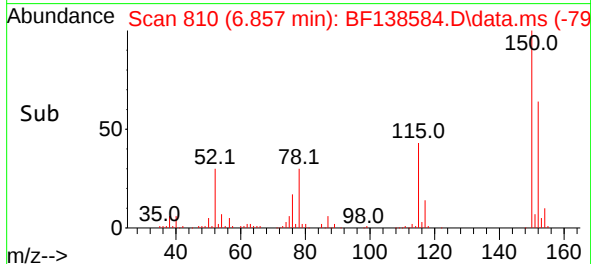
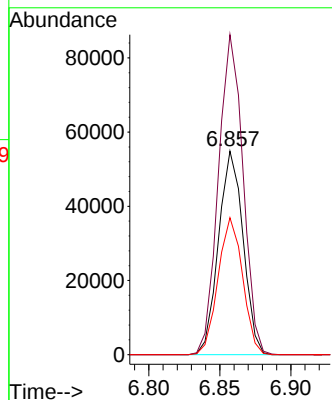


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138584.D
Acq: 19 Jul 2024 12:29

Instrument :
BNA_F
ClientSampleId :
B-120-SB02

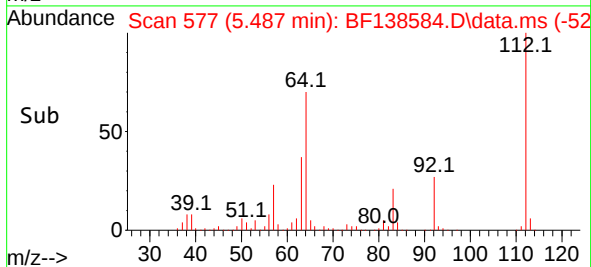
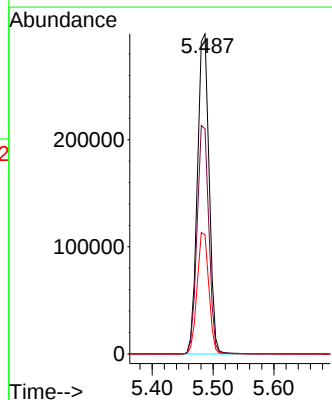
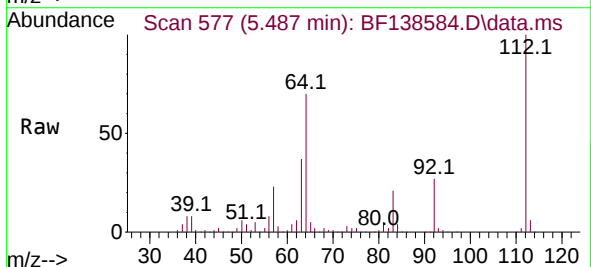


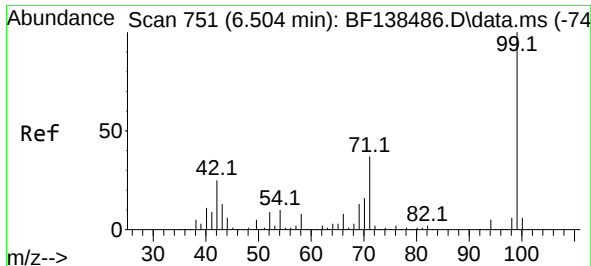
Tgt Ion:152 Resp: 66027
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.4
115 67.3 50.3 75.5



#5
2-Fluorophenol
Concen: 96.168 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF138584.D
Acq: 19 Jul 2024 12:29

Tgt Ion:112 Resp: 400926
Ion Ratio Lower Upper
112 100
64 70.3 55.1 82.7
63 37.3 29.0 43.6

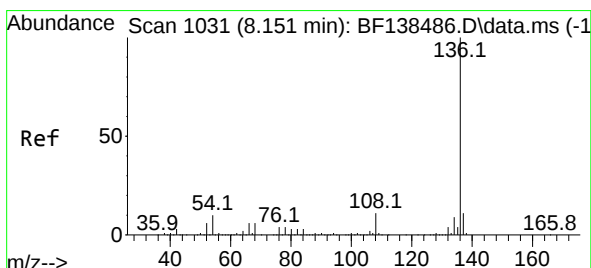
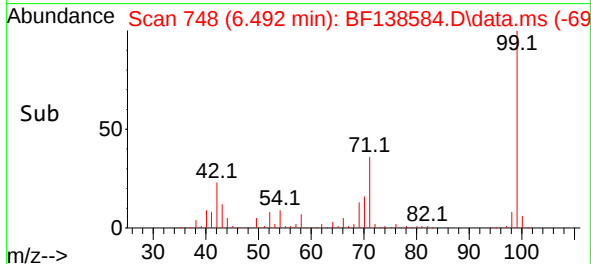
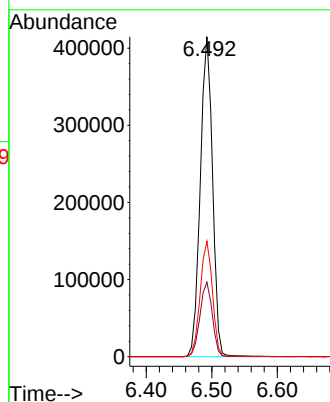
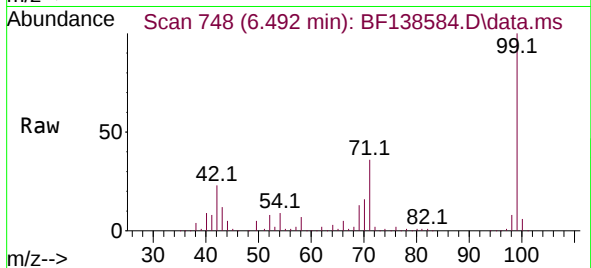




#7
Phenol-d6
Concen: 97.488 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138584.D
Acq: 19 Jul 2024 12:29

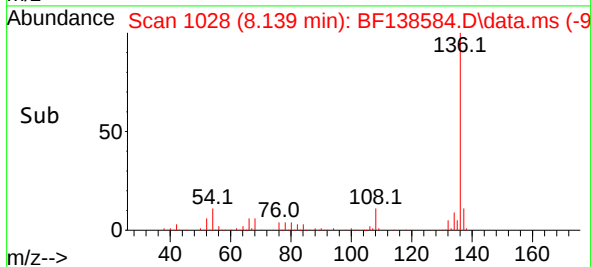
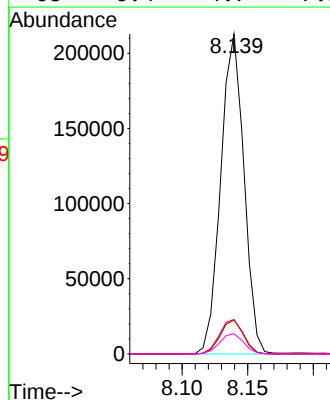
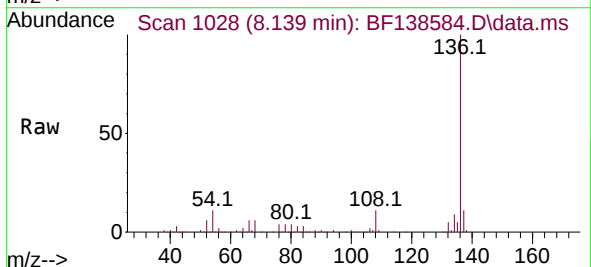
Instrument :
BNA_F
ClientSampleId :
B-120-SB02

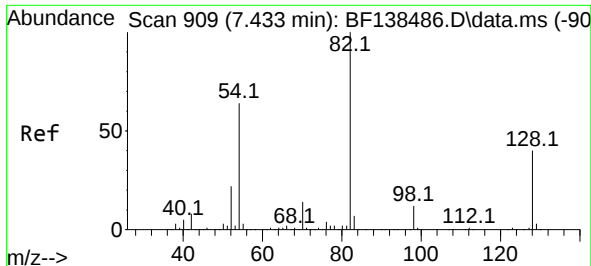
Tgt Ion: 99 Resp: 540673
Ion Ratio Lower Upper
99 100
42 23.3 19.7 29.5
71 36.1 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF138584.D
Acq: 19 Jul 2024 12:29

Tgt Ion:136 Resp: 261785
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.8 8.1 12.1
68 6.4 4.7 7.1

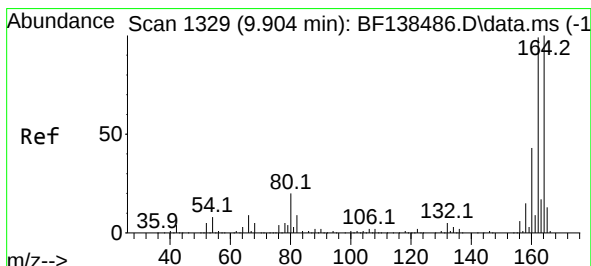
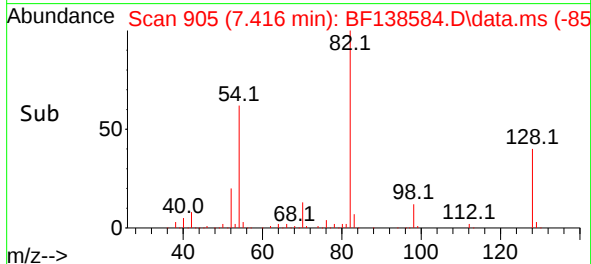
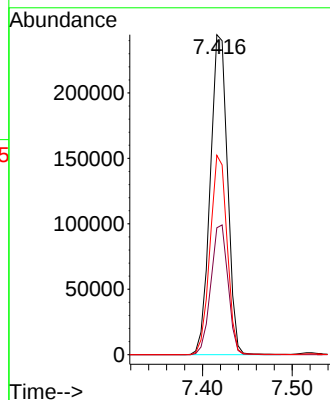
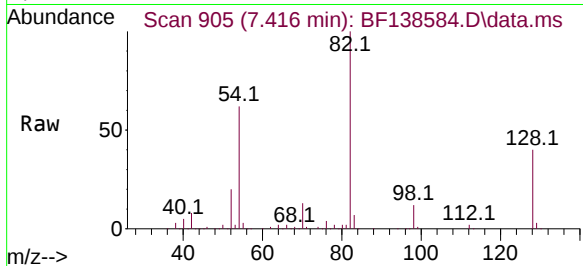




#23
Nitrobenzene-d5
Concen: 61.214 ng
RT: 7.416 min Scan# 909
Delta R.T. -0.018 min
Lab File: BF138584.D
Acq: 19 Jul 2024 12:29

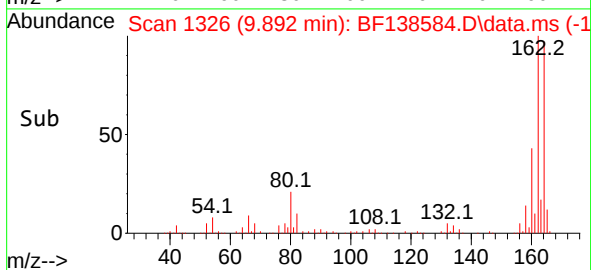
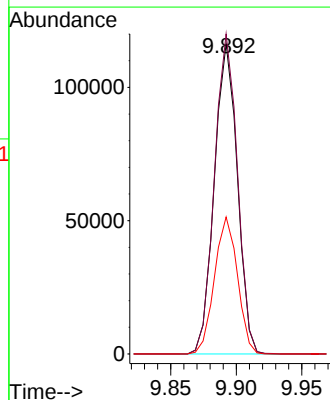
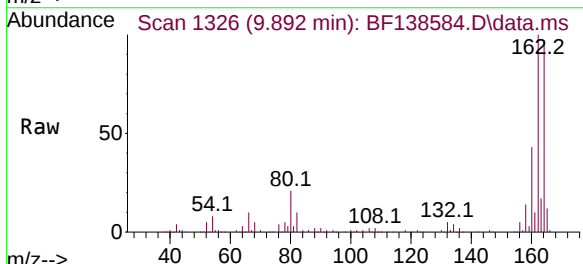
Instrument :
BNA_F
ClientSampleId :
B-120-SB02

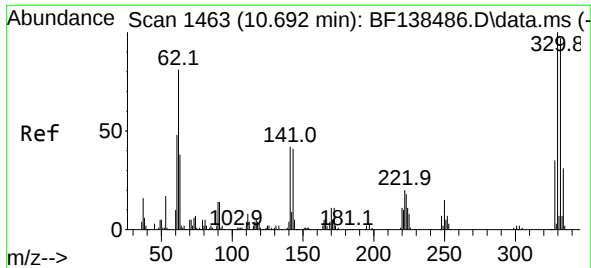
Tgt Ion: 82 Resp: 326389
Ion Ratio Lower Upper
82 100
128 39.7 32.3 48.5
54 62.3 51.4 77.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF138584.D
Acq: 19 Jul 2024 12:29

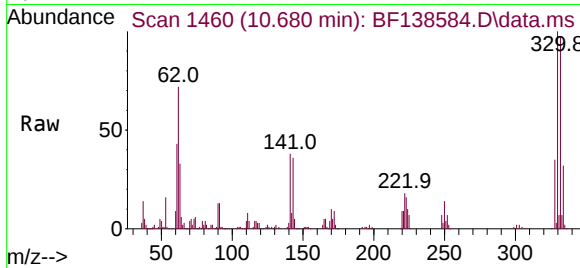
Tgt Ion:164 Resp: 141716
Ion Ratio Lower Upper
164 100
162 103.1 79.0 118.6
160 44.1 34.4 51.6



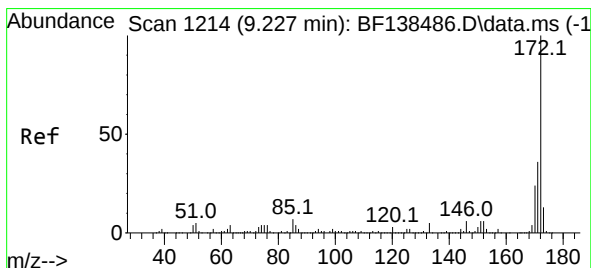
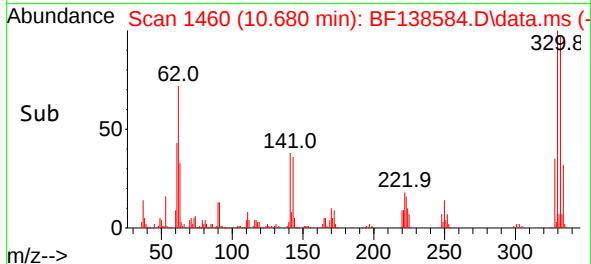
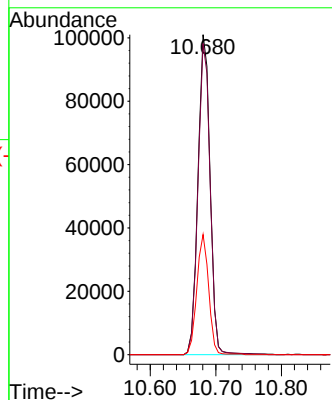


#42
2,4,6-Tribromophenol
Concen: 98.229 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138584.D
Acq: 19 Jul 2024 12:29

Instrument :
BNA_F
ClientSampleId :
B-120-SB02

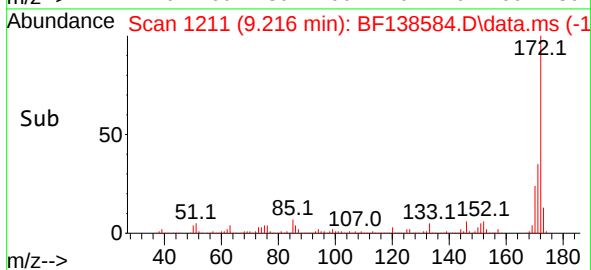
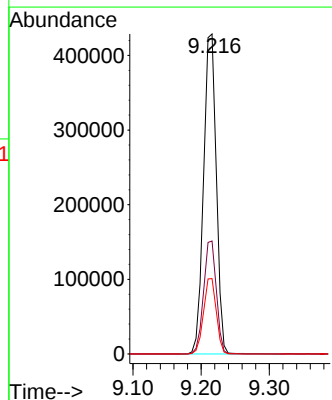
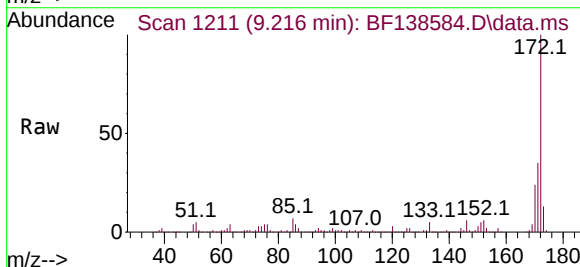


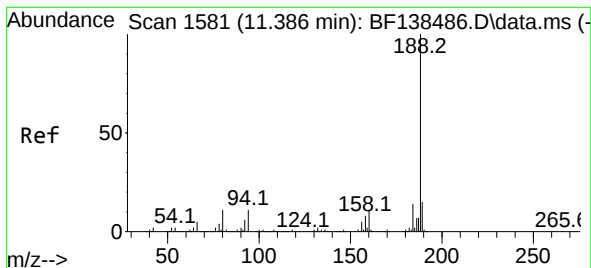
Tgt Ion:330 Resp: 130102
Ion Ratio Lower Upper
330 100
332 97.4 76.8 115.2
141 36.8 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 61.577 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF138584.D
Acq: 19 Jul 2024 12:29

Tgt Ion:172 Resp: 558349
Ion Ratio Lower Upper
172 100
171 35.3 28.9 43.3
170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138584.D

Acq: 19 Jul 2024 12:29

Instrument :

BNA_F

ClientSampleId :

B-120-SB02

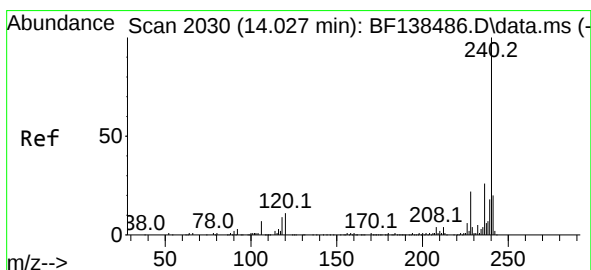
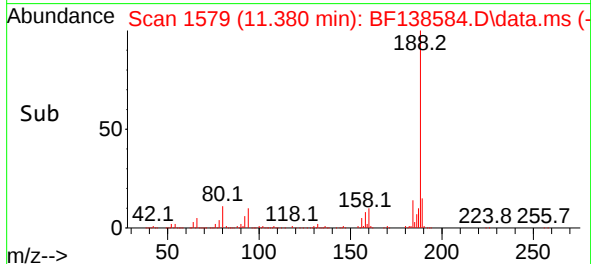
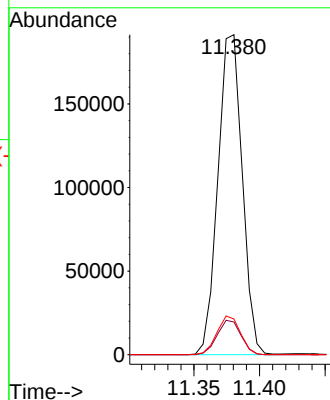
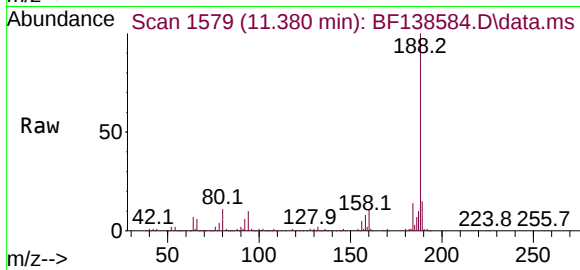
Tgt Ion:188 Resp: 246741

Ion Ratio Lower Upper

188 100

94 10.2 8.7 13.1

80 11.2 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.012 min

Lab File: BF138584.D

Acq: 19 Jul 2024 12:29

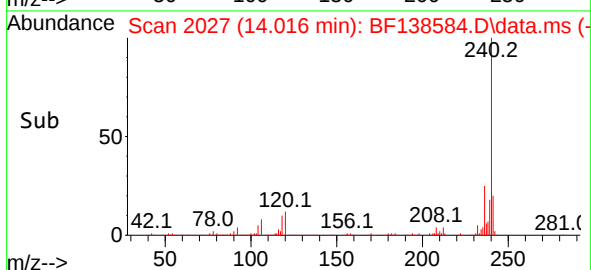
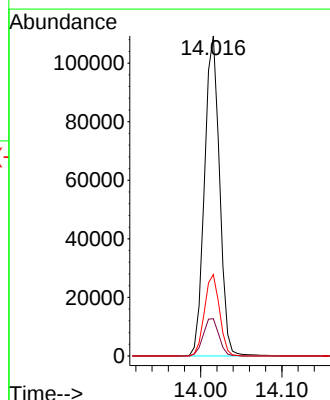
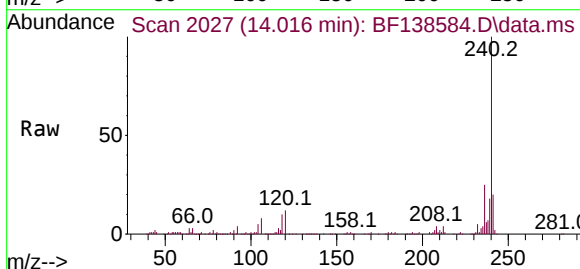
Tgt Ion:240 Resp: 140623

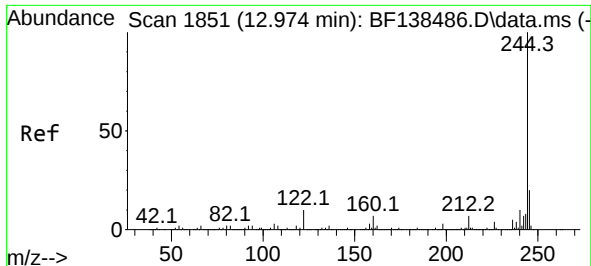
Ion Ratio Lower Upper

240 100

120 11.7 8.6 12.8

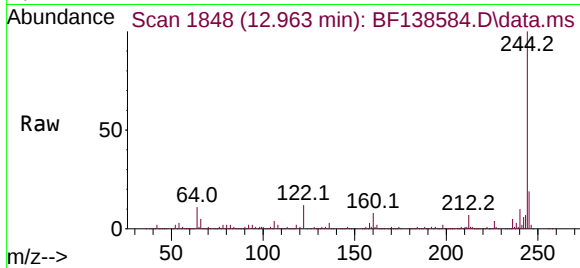
236 25.4 21.0 31.6



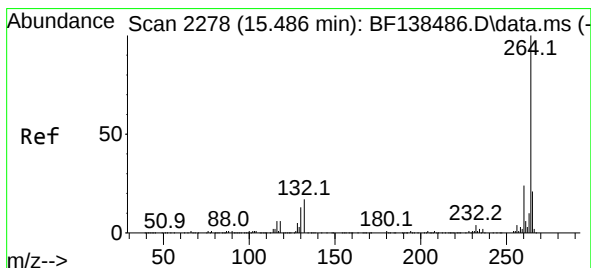
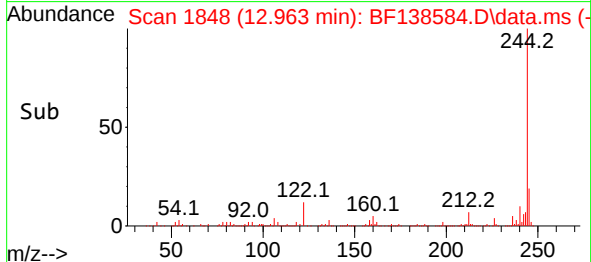
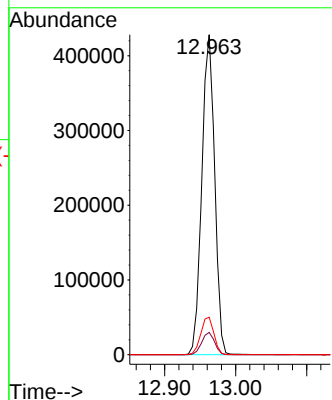


#79
 Terphenyl-d14
 Concen: 62.482 ng
 RT: 12.963 min Scan# 1848
 Delta R.T. -0.012 min
 Lab File: BF138584.D
 Acq: 19 Jul 2024 12:29

Instrument :
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 ClientSampleId :
 B-120-SB02



Tgt Ion:244 Resp: 539335
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 11.7 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF138584.D
 Acq: 19 Jul 2024 12:29

Tgt Ion:264 Resp: 161967
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.5 17.0 25.4

