

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
 Data File : BM047323.D
 Acq On : 22 Aug 2024 19:09
 Operator : RC/JU
 Sample : P3685-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 Stock Pile-1

Quant Time: Aug 23 02:40:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

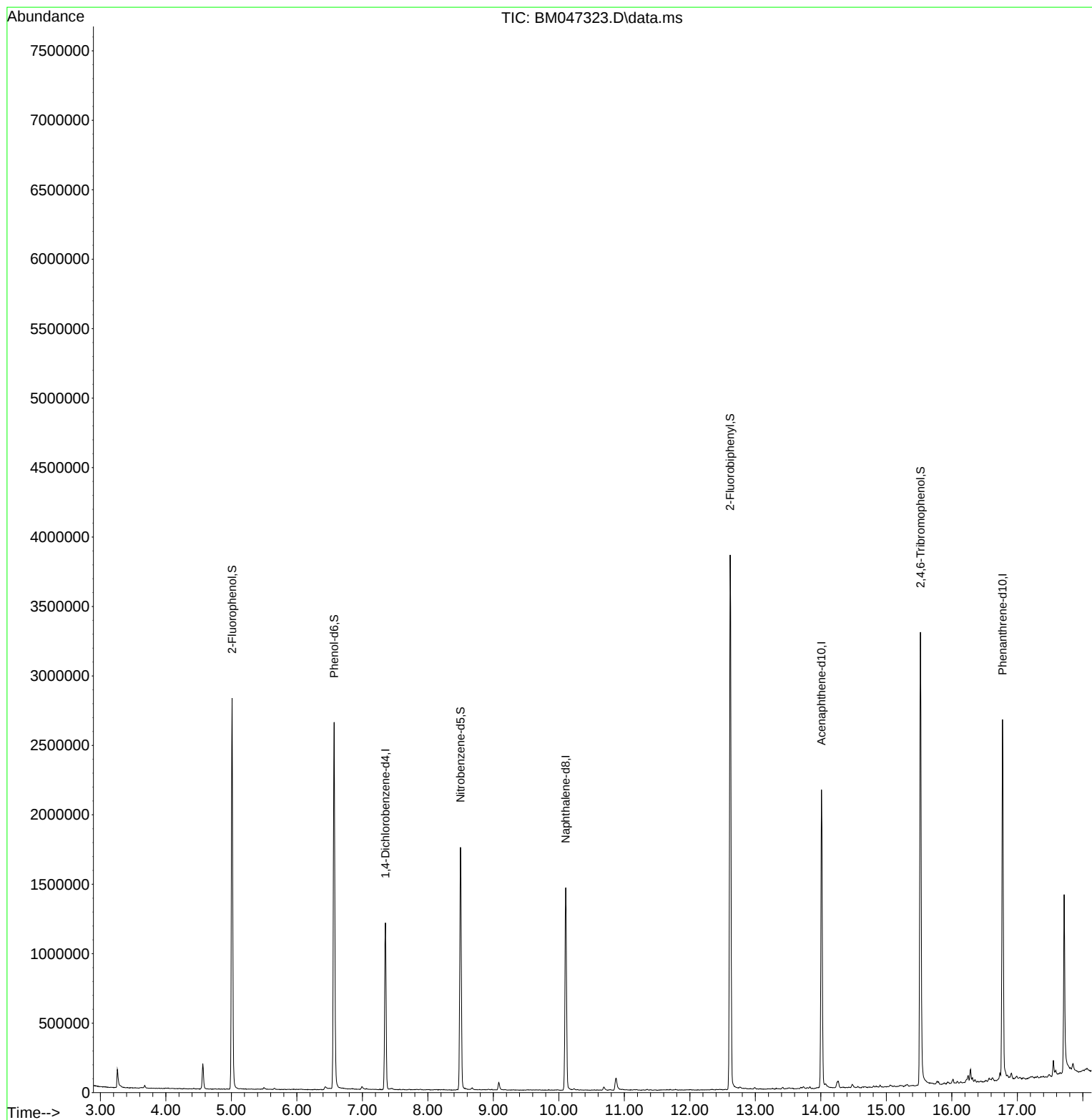
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	329615	20.000	ng	-0.02
21) Naphthalene-d8	10.104	136	1221806	20.000	ng	-0.03
39) Acenaphthene-d10	14.010	164	787761	20.000	ng	-0.02
64) Phenanthrene-d10	16.774	188	1584798	20.000	ng	-0.02
76) Chrysene-d12	21.015	240	1184372	20.000	ng	-0.02
86) Perylene-d12	23.709	264	1165742	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1214447	65.835	ng	-0.01
7) Phenol-d6	6.569	99	1556095	61.220	ng	-0.02
23) Nitrobenzene-d5	8.498	82	1028155	42.372	ng	-0.02
42) 2,4,6-Tribromophenol	15.522	330	651511	71.326	ng	-0.02
45) 2-Fluorobiphenyl	12.616	172	2179894	42.685	ng	-0.03
79) Terphenyl-d14	19.445	244	2971189	53.755	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.528	77	281	Below Cal	Qvalue #	26
78) Pyrene	19.221	202	193048	2.283 ng		99

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

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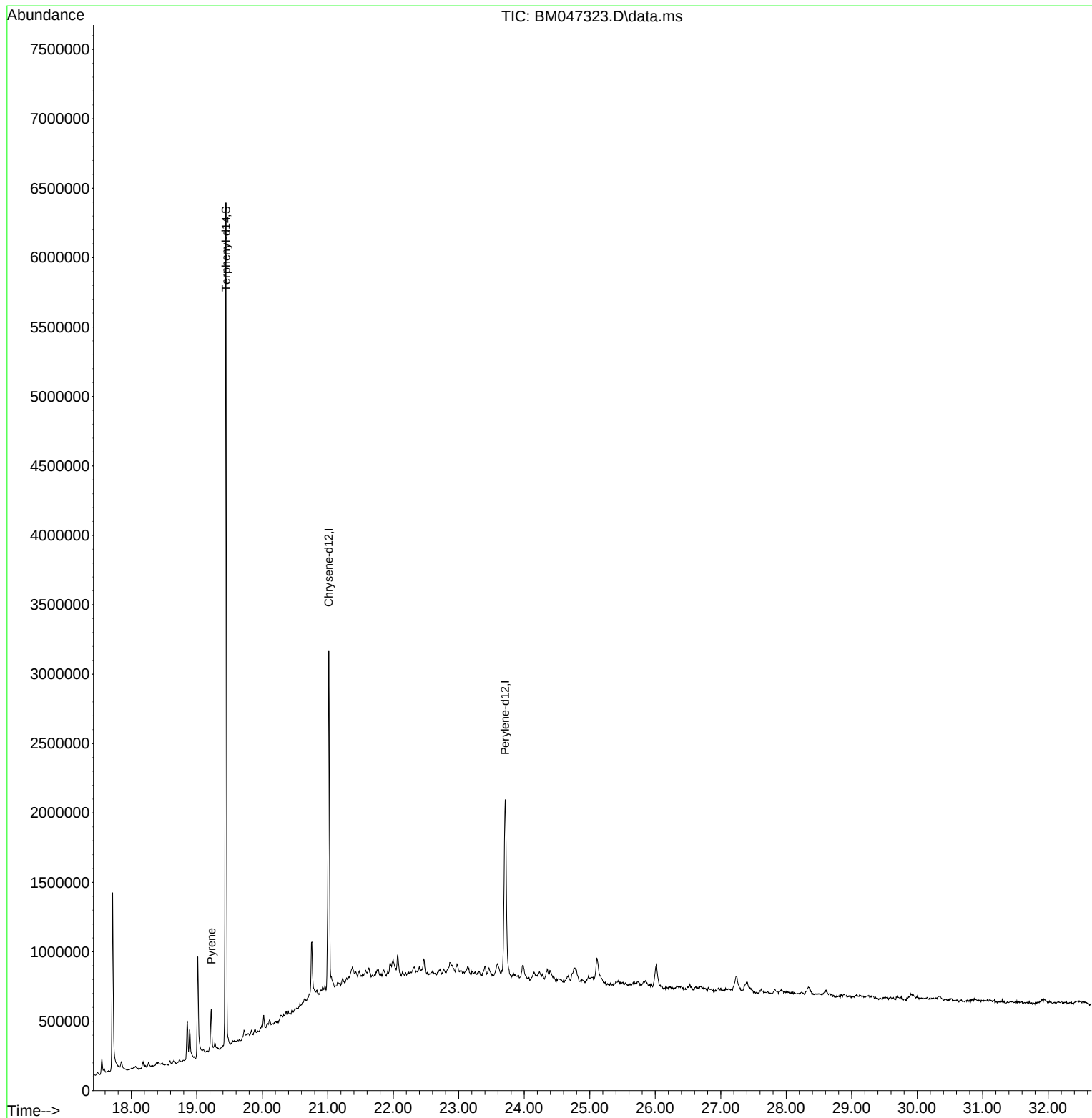
Quant Time: Aug 23 02:40:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
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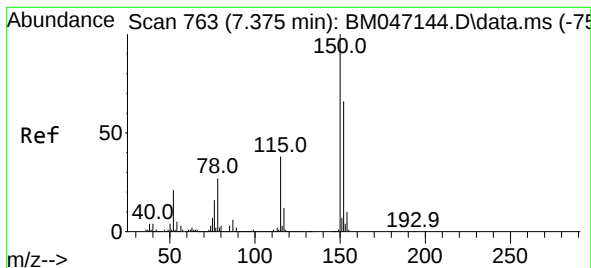


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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.351 min Scan# 71

Delta R.T. -0.024 min

Lab File: BM047323.D

Acq: 22 Aug 2024 19:09

Instrument :

BNA_M

ClientSampleId :

Stock Pile-1

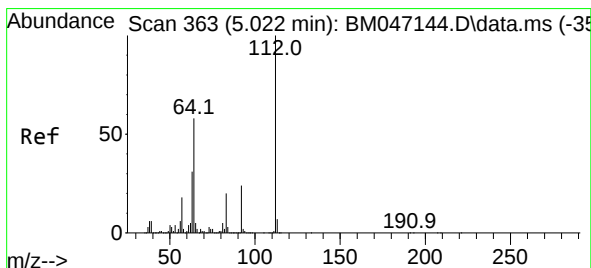
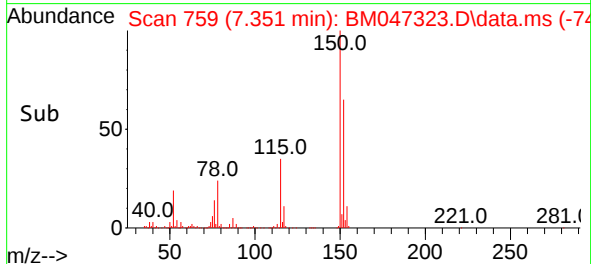
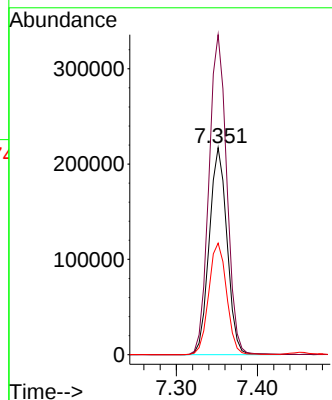
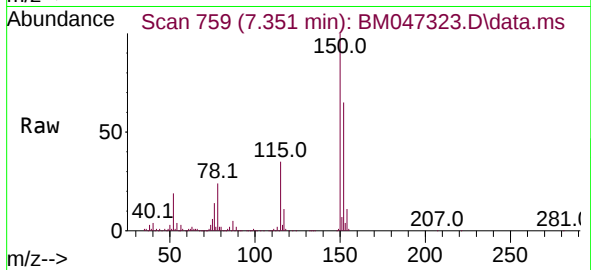
Tgt Ion:152 Resp: 329615

Ion Ratio Lower Upper

152 100

150 154.6 120.5 180.7

115 53.8 45.5 68.3



#5

2-Fluorophenol

Concen: 65.835 ng

RT: 5.010 min Scan# 361

Delta R.T. -0.012 min

Lab File: BM047323.D

Acq: 22 Aug 2024 19:09

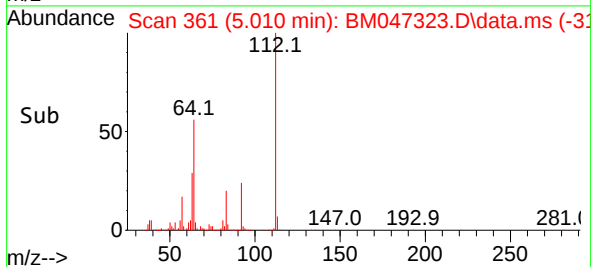
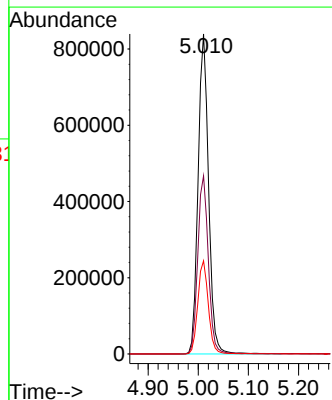
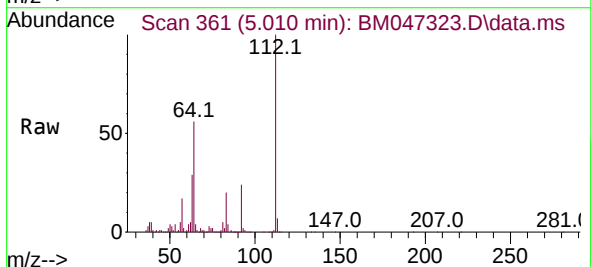
Tgt Ion:112 Resp: 1214447

Ion Ratio Lower Upper

112 100

64 55.6 46.7 70.1

63 29.1 24.8 37.2

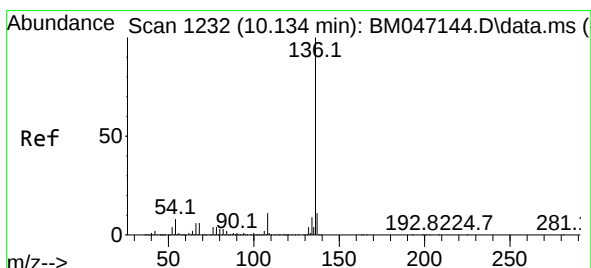
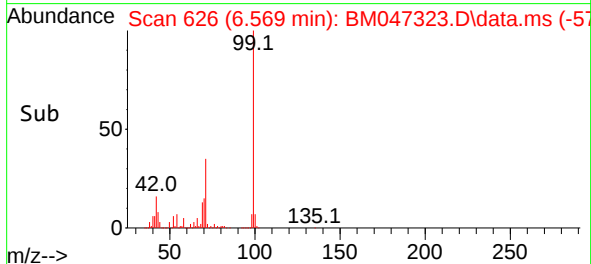
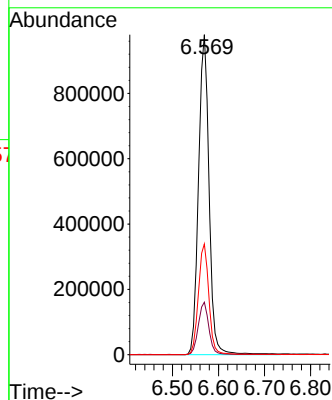
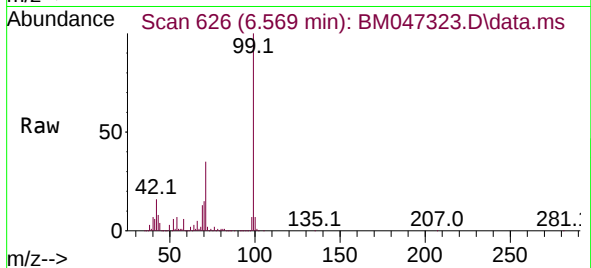




#7
Phenol-d6
Concen: 61.220 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM047323.D
Acq: 22 Aug 2024 19:09

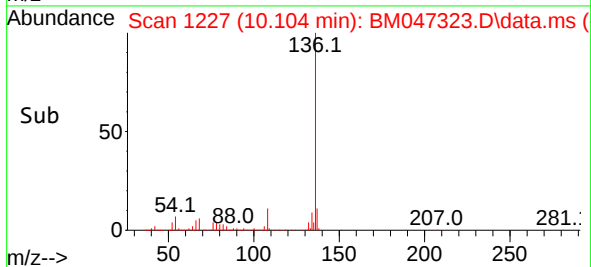
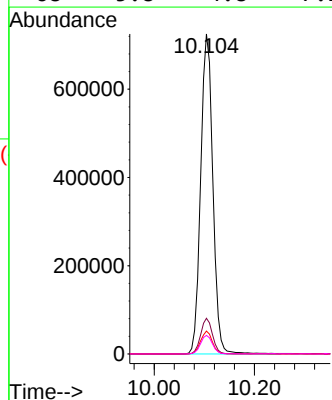
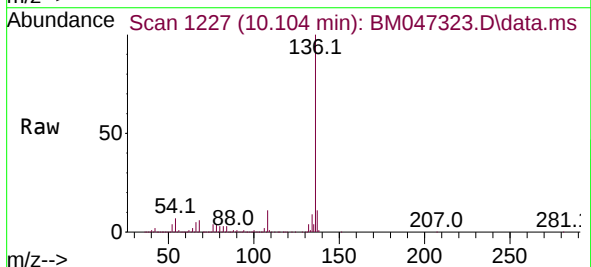
Instrument :
BNA_M
ClientSampleId :
Stock Pile-1

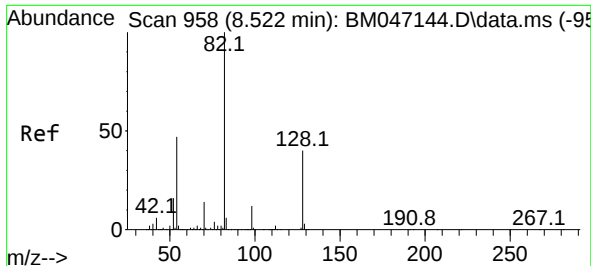
Tgt Ion: 99 Resp: 1556095
Ion Ratio Lower Upper
99 100
42 16.4 14.1 21.1
71 34.6 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. -0.029 min
Lab File: BM047323.D
Acq: 22 Aug 2024 19:09

Tgt Ion: 136 Resp: 1221806
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.2 6.0 9.0
68 5.8 4.8 7.2

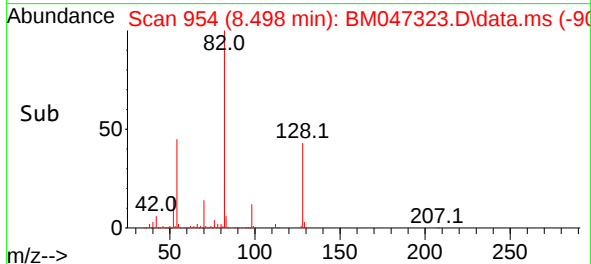
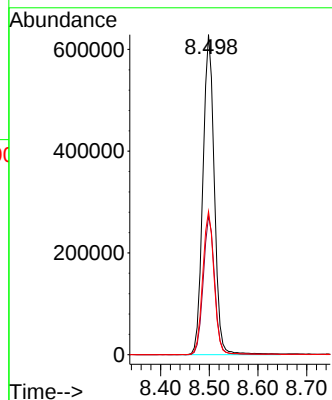
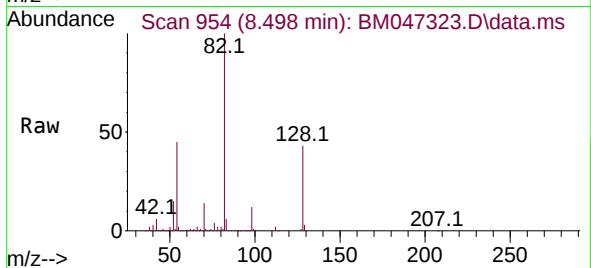




#23
Nitrobenzene-d5
Concen: 42.372 ng
RT: 8.498 min Scan# 91
Delta R.T. -0.024 min
Lab File: BM047323.D
Acq: 22 Aug 2024 19:09

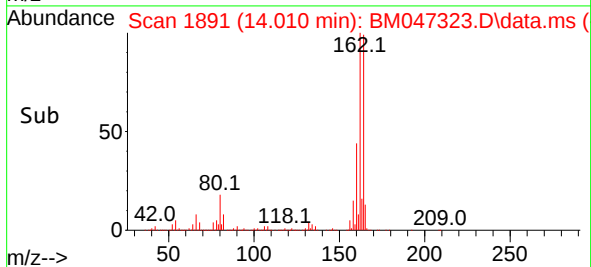
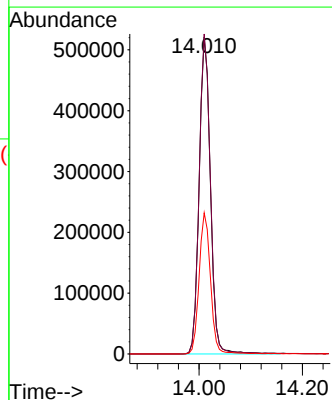
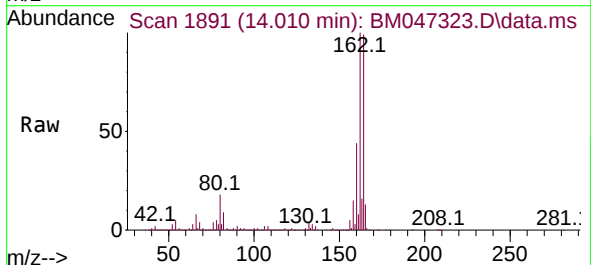
Instrument :
BNA_M
ClientSampleId :
Stock Pile-1

Tgt Ion: 82 Resp: 1028155
Ion Ratio Lower Upper
82 100
128 43.4 32.3 48.5
54 44.8 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.024 min
Lab File: BM047323.D
Acq: 22 Aug 2024 19:09

Tgt Ion:164 Resp: 787761
Ion Ratio Lower Upper
164 100
162 100.9 80.7 121.1
160 44.5 36.0 54.0

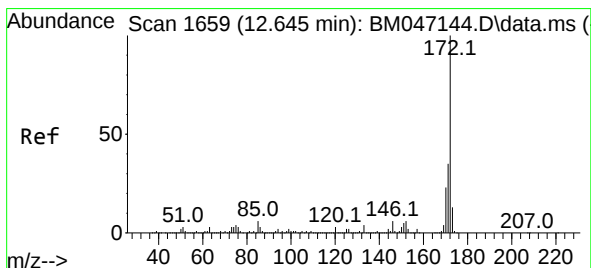
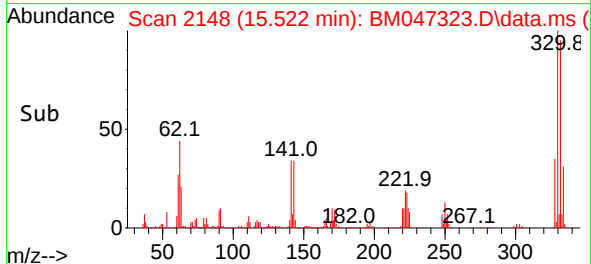
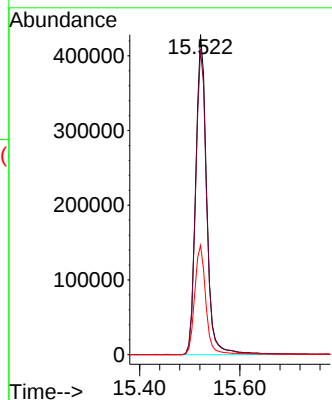
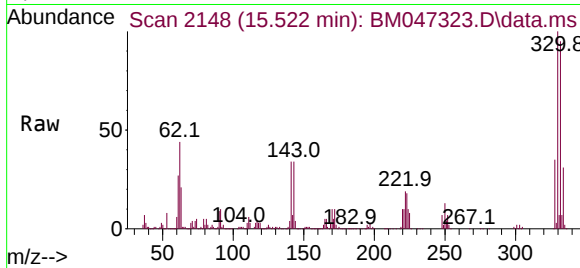




#42
2,4,6-Tribromophenol
Concen: 71.326 ng
RT: 15.522 min Scan# 2151
Delta R.T. -0.018 min
Lab File: BM047323.D
Acq: 22 Aug 2024 19:09

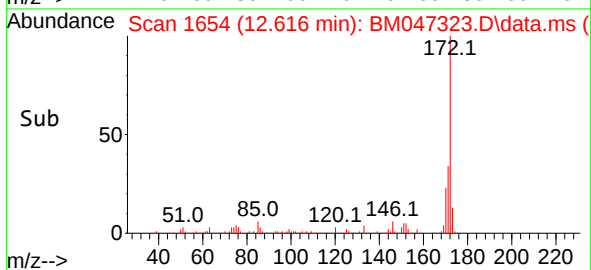
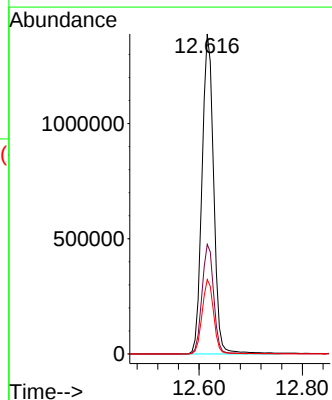
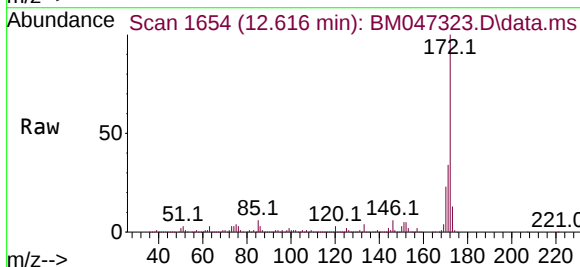
Instrument :
BNA_M
ClientSampleId :
Stock Pile-1

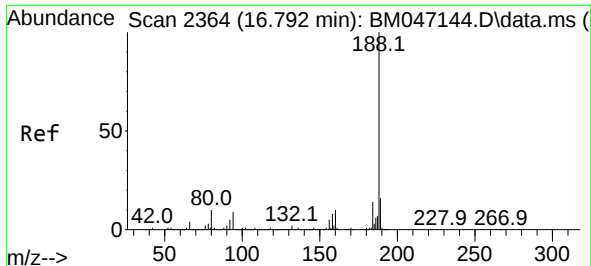
Tgt Ion:330 Resp: 651511
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.2
141 34.6 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 42.685 ng
RT: 12.616 min Scan# 1654
Delta R.T. -0.029 min
Lab File: BM047323.D
Acq: 22 Aug 2024 19:09

Tgt Ion:172 Resp: 2179894
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.6
170 23.3 18.7 28.1

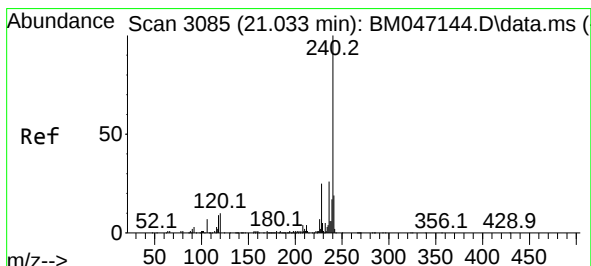
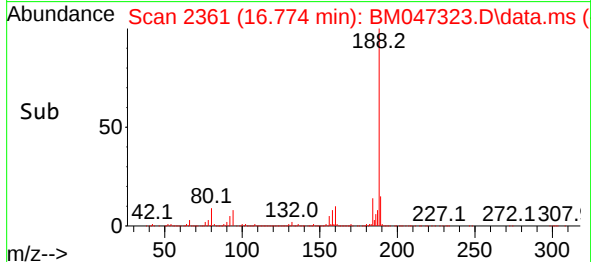
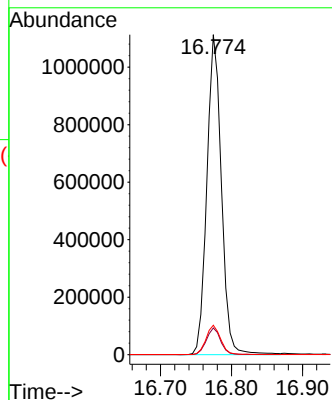
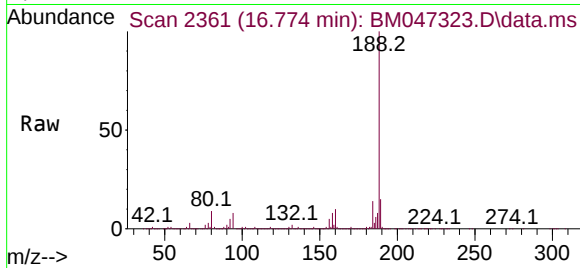




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM047323.D
Acq: 22 Aug 2024 19:09

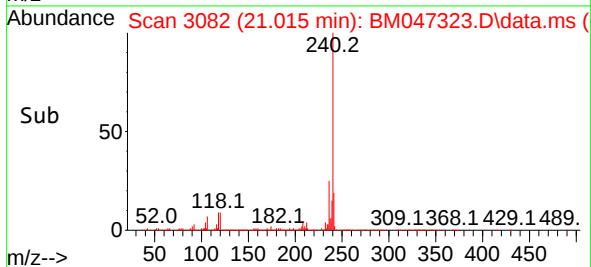
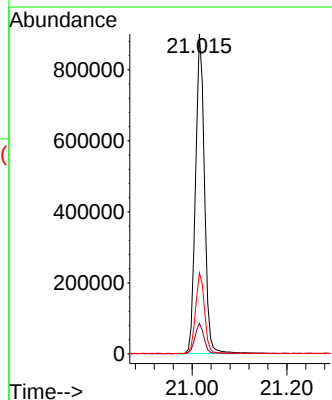
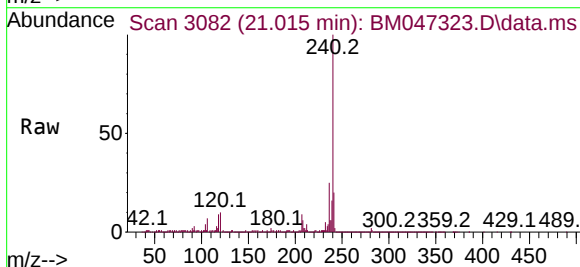
Instrument :
BNA_M
ClientSampleId :
Stock Pile-1

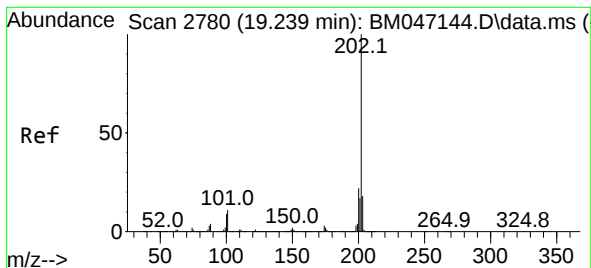
Tgt Ion:188 Resp: 1584798
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 9.2 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.015 min Scan# 3082
Delta R.T. -0.018 min
Lab File: BM047323.D
Acq: 22 Aug 2024 19:09

Tgt Ion:240 Resp: 1184372
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 25.3 20.6 30.8





#78

Pyrene

Concen: 2.283 ng

RT: 19.221 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047323.D

Acq: 22 Aug 2024 19:09

Instrument :

BNA_M

ClientSampleId :

Stock Pile-1

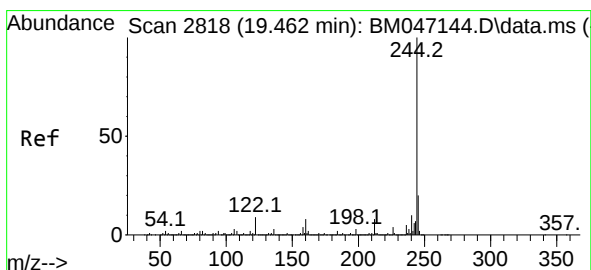
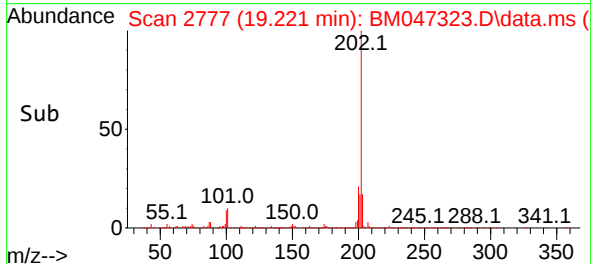
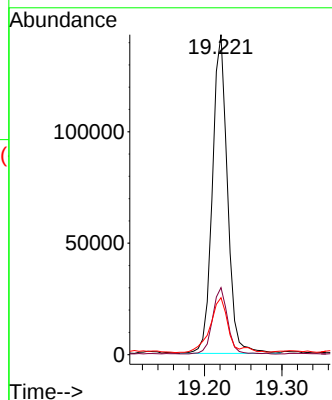
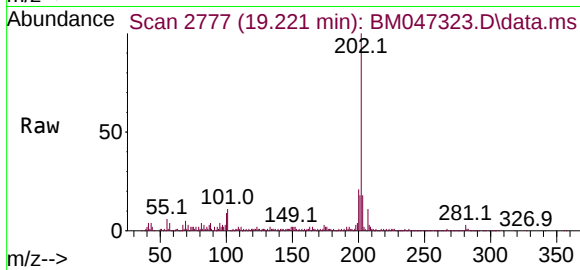
Tgt Ion:202 Resp: 193048

Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

203 17.8 14.2 21.2



#79

Terphenyl-d14

Concen: 53.755 ng

RT: 19.445 min Scan# 2815

Delta R.T. -0.018 min

Lab File: BM047323.D

Acq: 22 Aug 2024 19:09

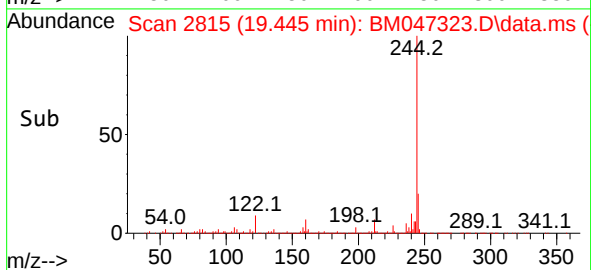
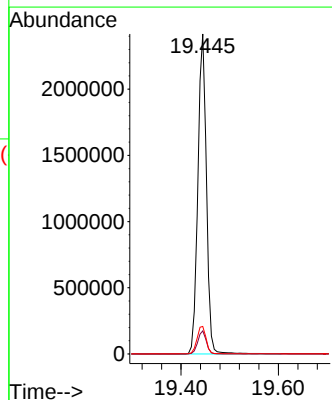
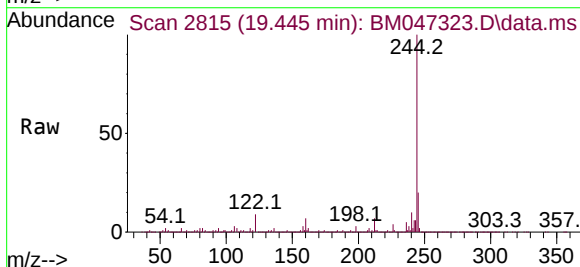
Tgt Ion:244 Resp: 2971189

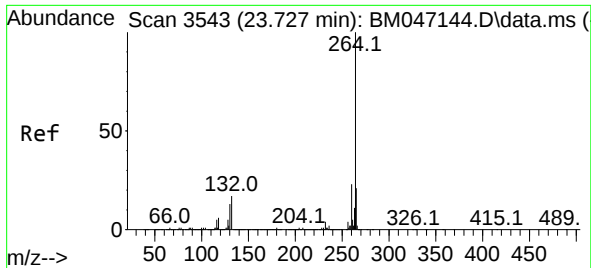
Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.4

122 8.6 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.709 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM047323.D
Acq: 22 Aug 2024 19:09

Instrument :
BNA_M
ClientSampleId :
Stock Pile-1

Tgt Ion:264 Resp: 1165742

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	22.3	17.3	25.9

