

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
 Data File : BM047324.D
 Acq On : 22 Aug 2024 19:49
 Operator : RC/JU
 Sample : P3685-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 Stock Pile-2

Quant Time: Aug 23 02:41:11 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)

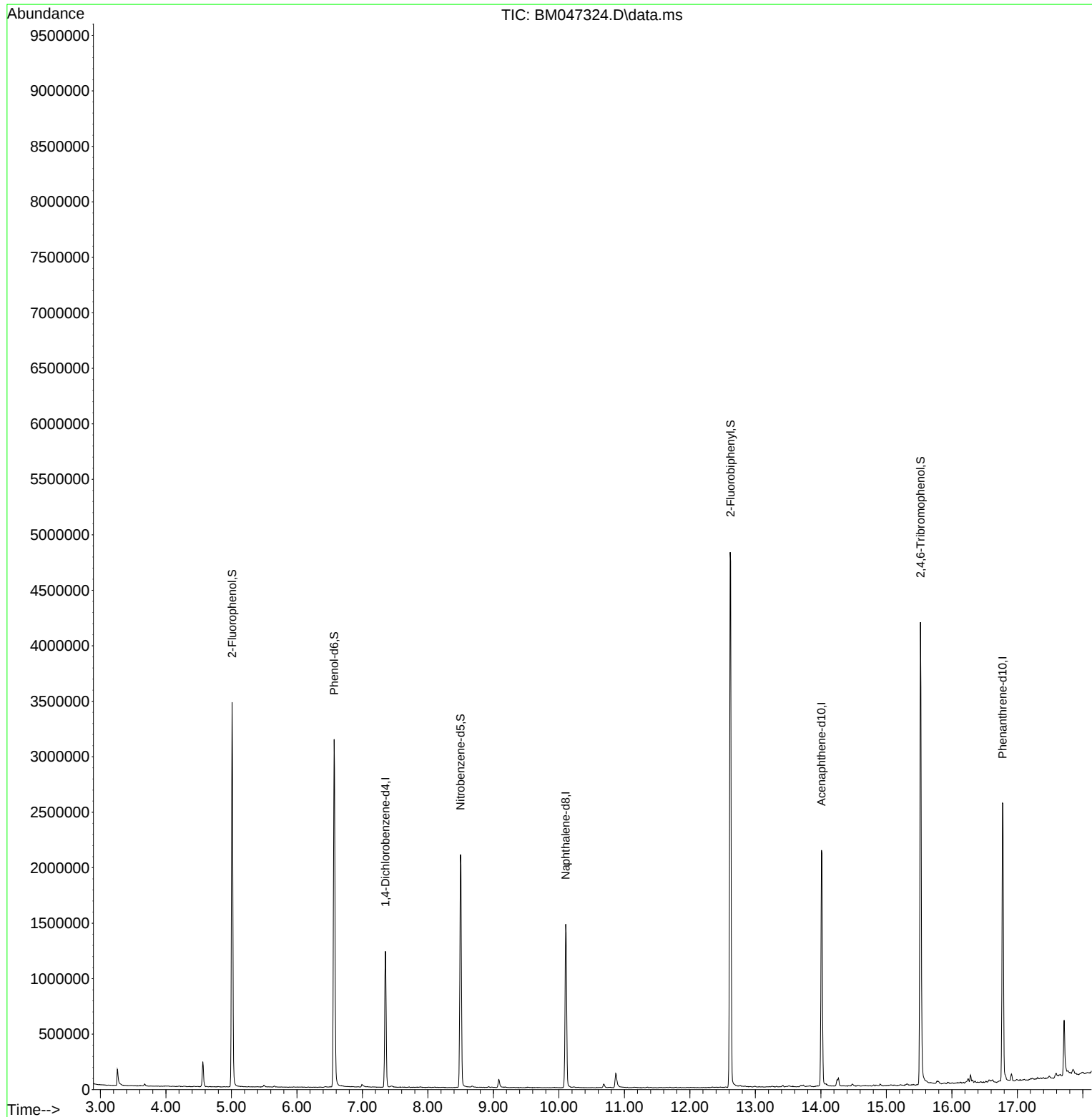
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	335954	20.000	ng	-0.02
21) Naphthalene-d8	10.104	136	1241227	20.000	ng	-0.03
39) Acenaphthene-d10	14.010	164	806623	20.000	ng	-0.02
64) Phenanthrene-d10	16.774	188	1636118	20.000	ng	-0.02
76) Chrysene-d12	21.015	240	1183336	20.000	ng	-0.02
86) Perylene-d12	23.709	264	1178435	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1475546	78.480	ng	-0.01
7) Phenol-d6	6.569	99	1878160	72.496	ng	-0.02
23) Nitrobenzene-d5	8.498	82	1235590	50.125	ng	-0.02
42) 2,4,6-Tribromophenol	15.521	330	804995	86.069	ng	-0.02
45) 2-Fluorobiphenyl	12.621	172	2745762	52.508	ng	-0.02
79) Terphenyl-d14	19.445	244	3685440	66.735	ng	-0.02
Target Compounds						
75) Fluoranthene	18.856	202	175326	1.755	ng	99
78) Pyrene	19.221	202	199907	2.366	ng	99

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

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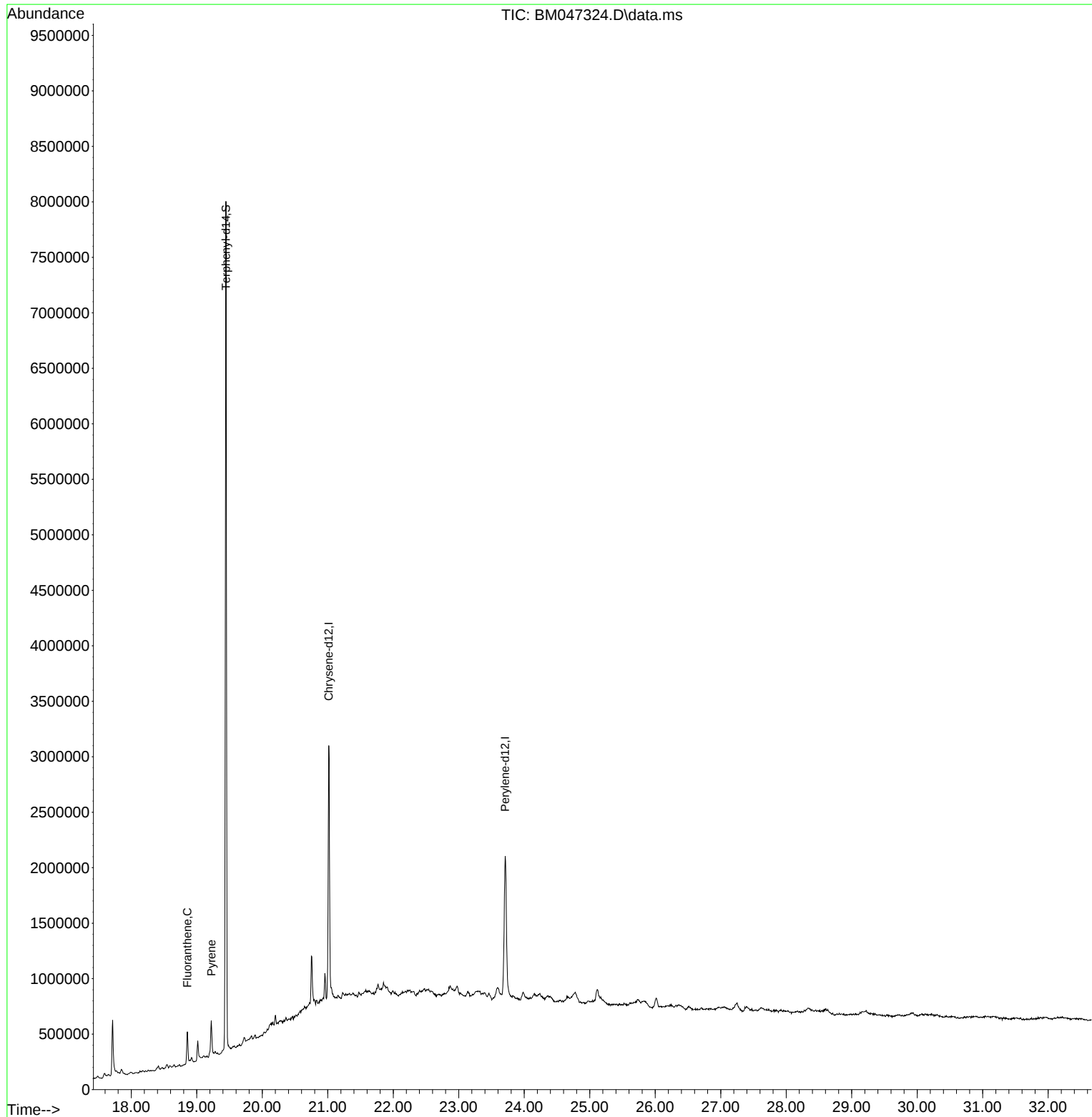
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
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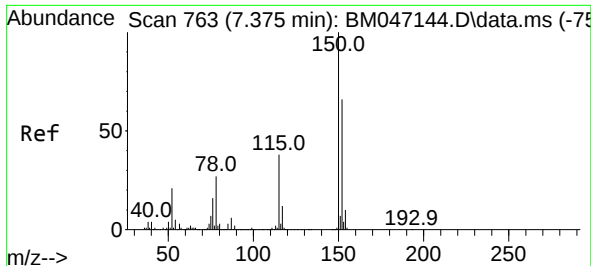


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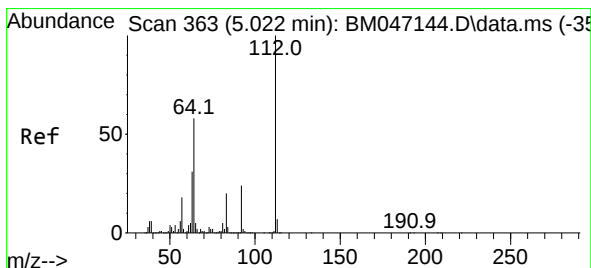
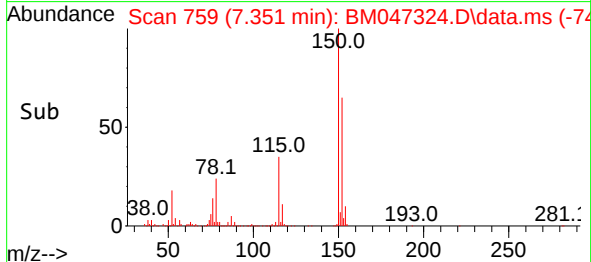
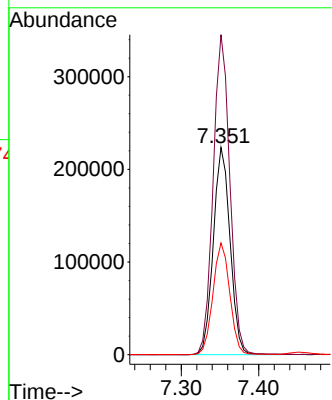
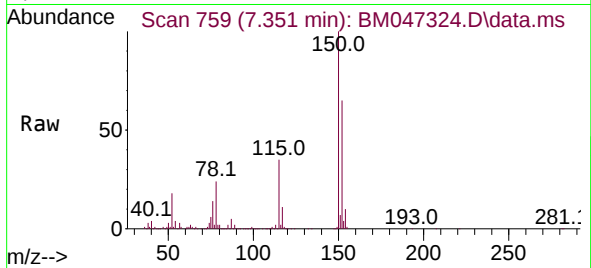




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 71
Delta R.T. -0.024 min
Lab File: BM047324.D
Acq: 22 Aug 2024 19:49

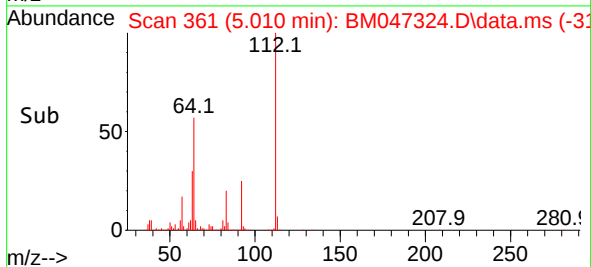
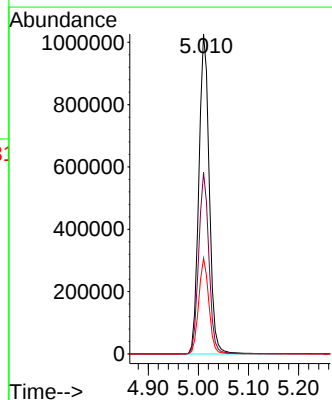
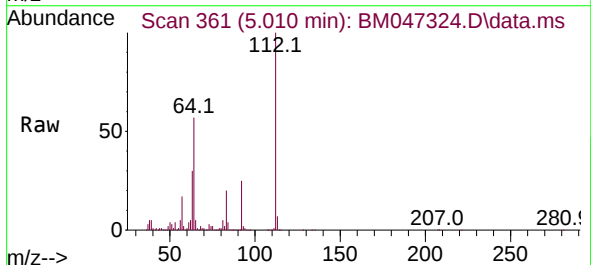
Instrument :
BNA_M
ClientSampleId :
Stock Pile-2

Tgt Ion:152 Resp: 335954
Ion Ratio Lower Upper
152 100
150 154.4 120.5 180.7
115 53.9 45.5 68.3



#5
2-Fluorophenol
Concen: 78.480 ng
RT: 5.010 min Scan# 361
Delta R.T. -0.012 min
Lab File: BM047324.D
Acq: 22 Aug 2024 19:49

Tgt Ion:112 Resp: 1475546
Ion Ratio Lower Upper
112 100
64 56.7 46.7 70.1
63 29.9 24.8 37.2



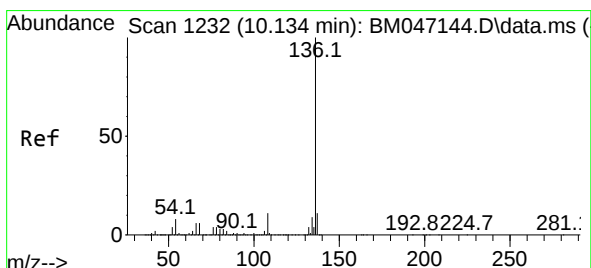
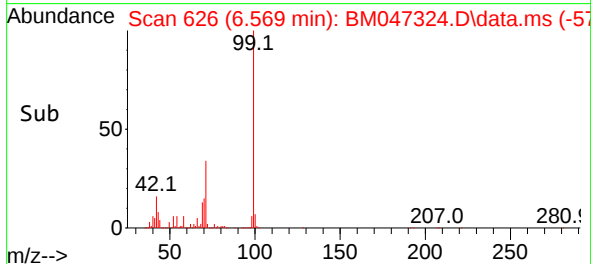
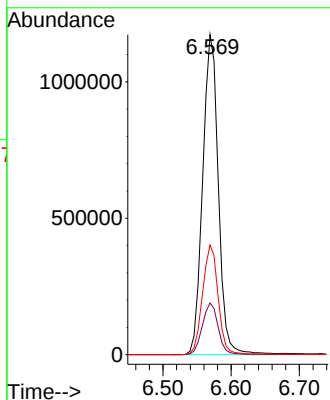
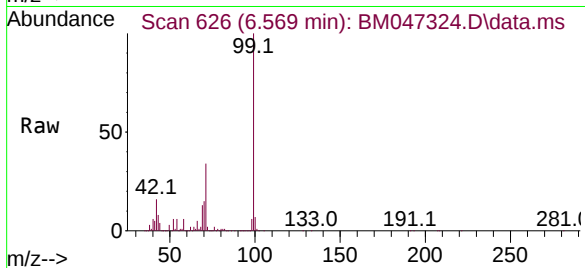


#7
Phenol-d6
Concen: 72.496 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM047324.D
Acq: 22 Aug 2024 19:49

Instrument :
BNA_M
ClientSampleId :
Stock Pile-2

Tgt Ion: 99 Resp: 1878160

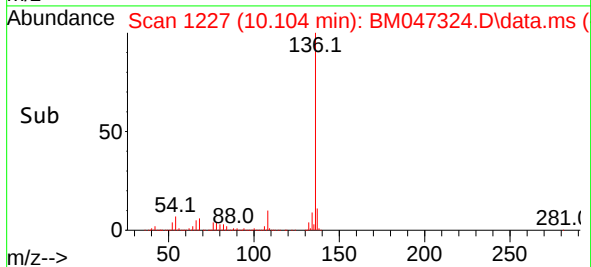
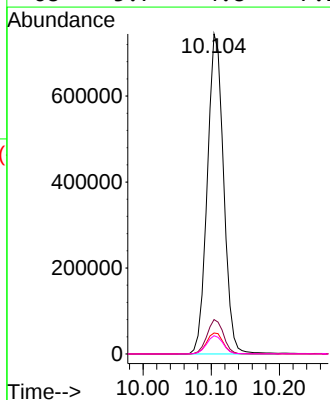
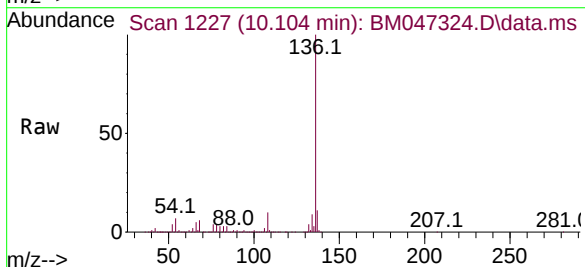
Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.1	21.1
71	34.3	28.5	42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. -0.030 min
Lab File: BM047324.D
Acq: 22 Aug 2024 19:49

Tgt Ion: 136 Resp: 1241227

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.6	6.0	9.0
68	5.7	4.8	7.2

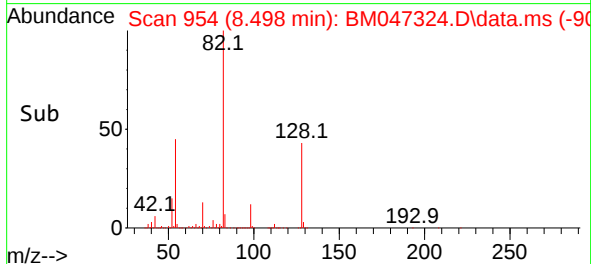
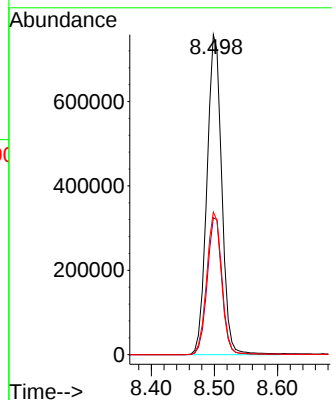
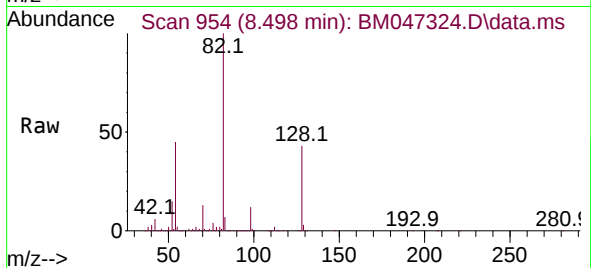




#23
Nitrobenzene-d5
Concen: 50.125 ng
RT: 8.498 min Scan# 91
Delta R.T. -0.024 min
Lab File: BM047324.D
Acq: 22 Aug 2024 19:49

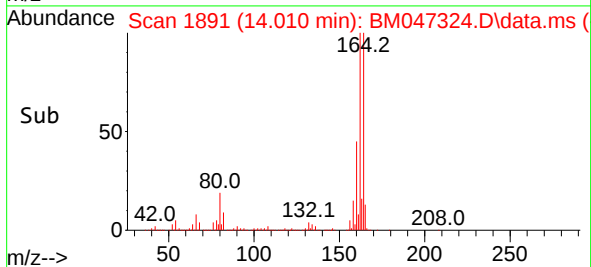
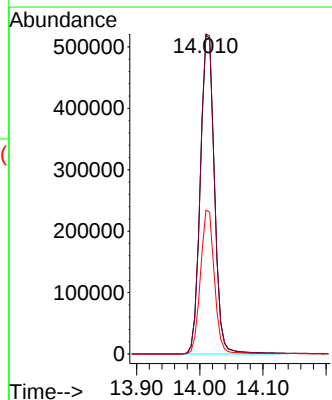
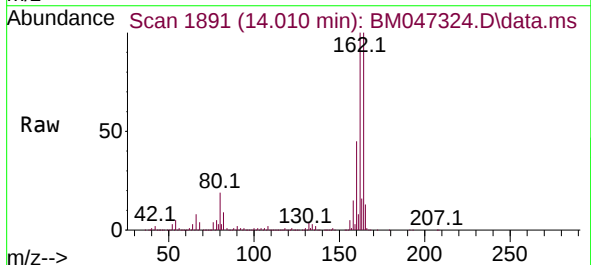
Instrument :
BNA_M
ClientSampleId :
Stock Pile-2

Tgt Ion: 82 Resp: 1235590
Ion Ratio Lower Upper
82 100
128 42.8 32.3 48.5
54 44.6 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: BM047324.D
Acq: 22 Aug 2024 19:49

Tgt Ion:164 Resp: 806623
Ion Ratio Lower Upper
164 100
162 100.4 80.7 121.1
160 45.1 36.0 54.0

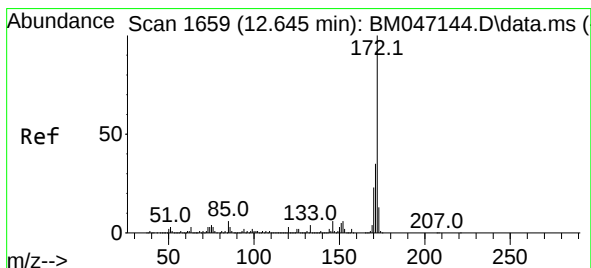
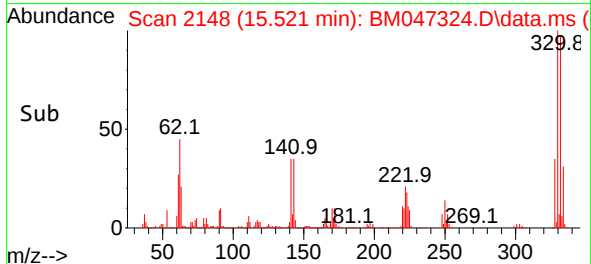
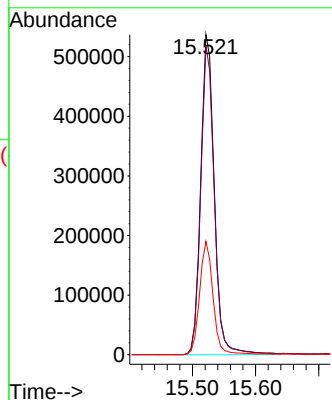
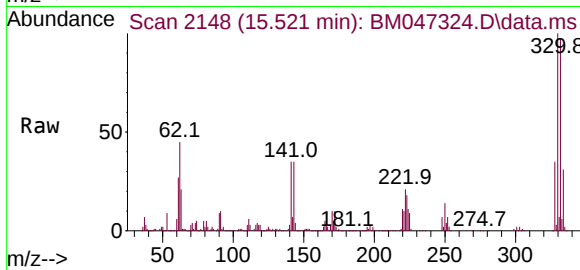




#42
2,4,6-Tribromophenol
Concen: 86.069 ng
RT: 15.521 min Scan# 2151
Delta R.T. -0.018 min
Lab File: BM047324.D
Acq: 22 Aug 2024 19:49

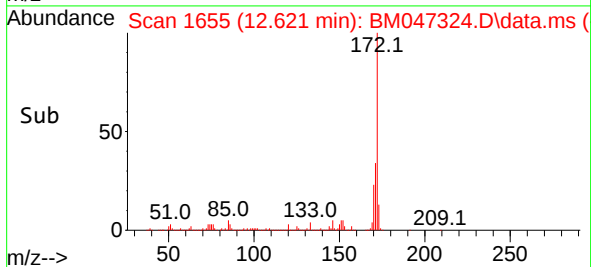
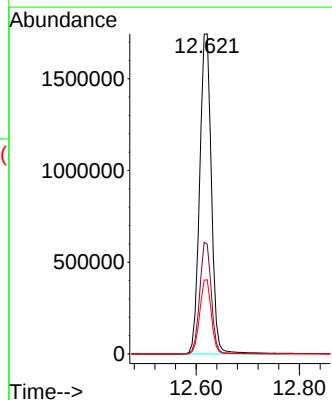
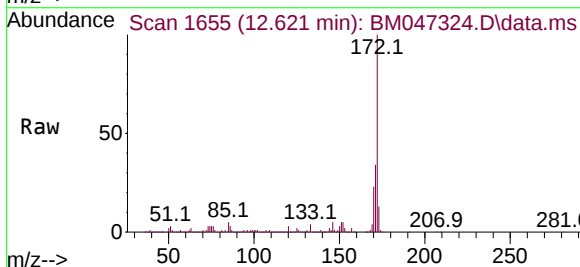
Instrument :
BNA_M
ClientSampleId :
Stock Pile-2

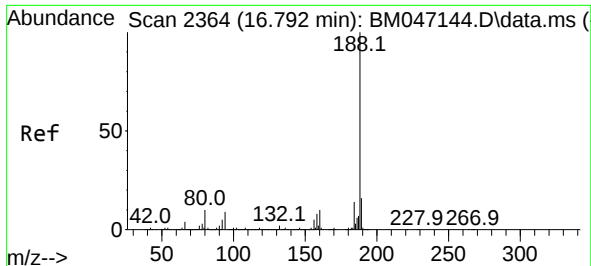
Tgt Ion:330 Resp: 804995
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 35.2 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 52.508 ng
RT: 12.621 min Scan# 1655
Delta R.T. -0.024 min
Lab File: BM047324.D
Acq: 22 Aug 2024 19:49

Tgt Ion:172 Resp: 2745762
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 23.2 18.7 28.1

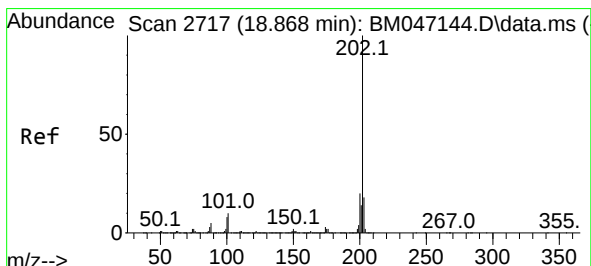
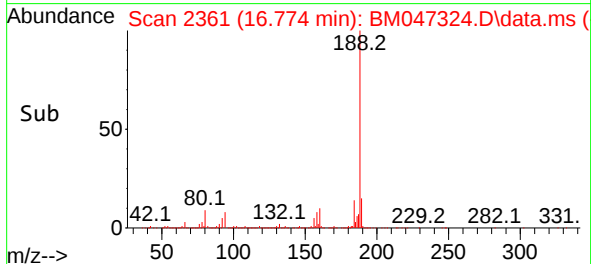
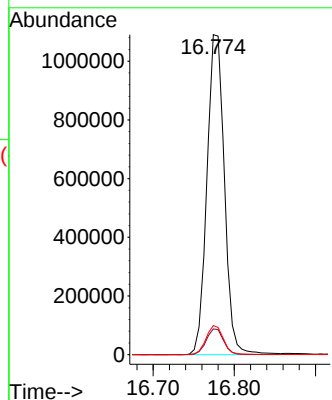
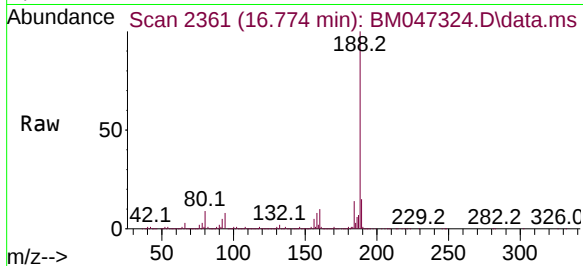




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM047324.D
Acq: 22 Aug 2024 19:49

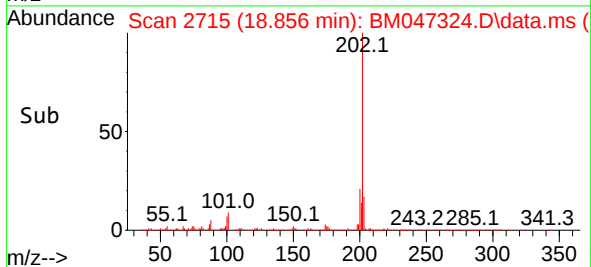
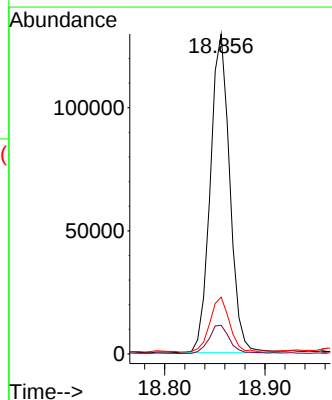
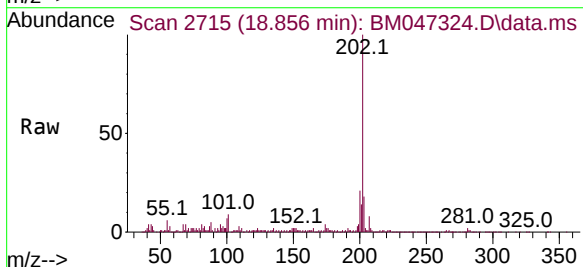
Instrument :
BNA_M
ClientSampleId :
Stock Pile-2

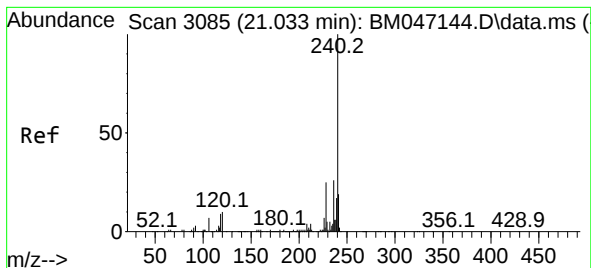
Tgt Ion:188 Resp: 1636118
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.6
80 9.1 8.0 12.0



#75
Fluoranthene
Concen: 1.755 ng
RT: 18.856 min Scan# 2715
Delta R.T. -0.012 min
Lab File: BM047324.D
Acq: 22 Aug 2024 19:49

Tgt Ion:202 Resp: 175326
Ion Ratio Lower Upper
202 100
101 9.0 0.0 30.2
203 17.8 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.015 min Scan# 3082

Delta R.T. -0.018 min

Lab File: BM047324.D

Acq: 22 Aug 2024 19:49

Instrument :

BNA_M

ClientSampleId :

Stock Pile-2

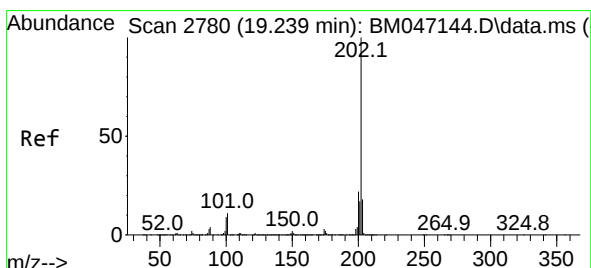
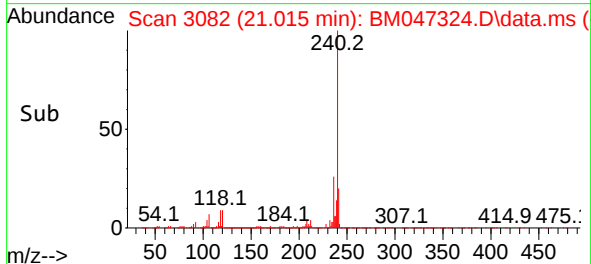
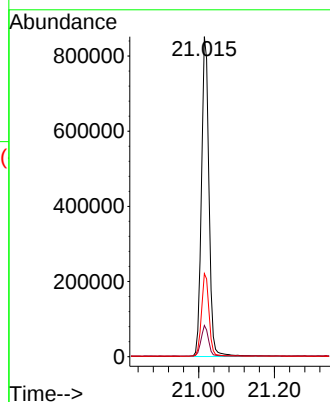
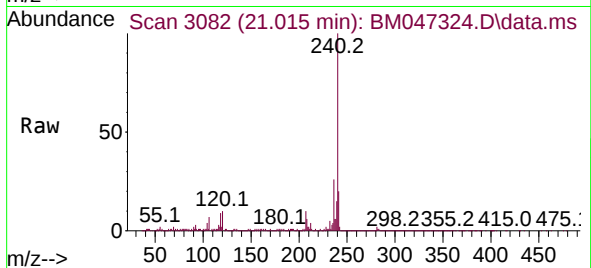
Tgt Ion:240 Resp: 1183336

Ion Ratio Lower Upper

240 100

120 9.7 8.2 12.2

236 25.9 20.6 30.8



#78

Pyrene

Concen: 2.366 ng

RT: 19.221 min Scan# 2777

Delta R.T. -0.018 min

Lab File: BM047324.D

Acq: 22 Aug 2024 19:49

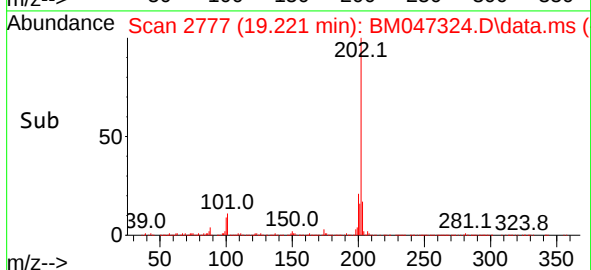
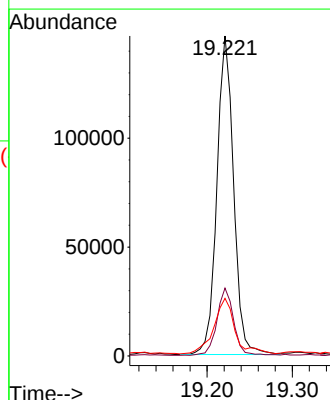
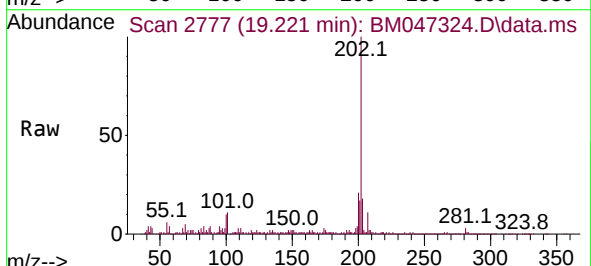
Tgt Ion:202 Resp: 199907

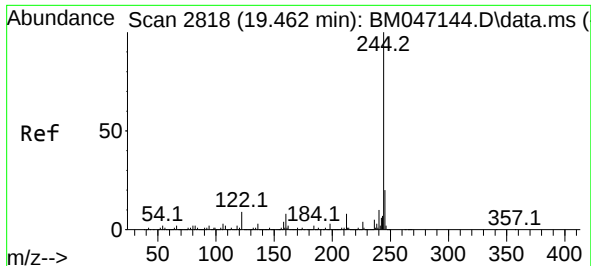
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 18.0 14.2 21.2

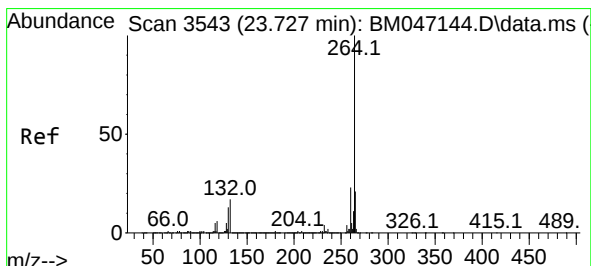
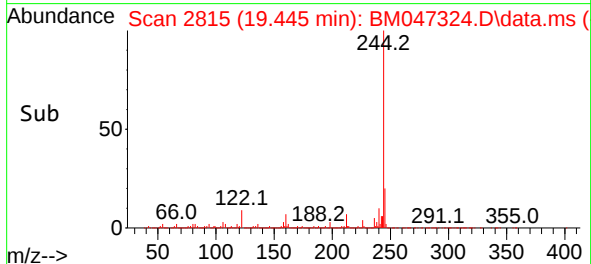
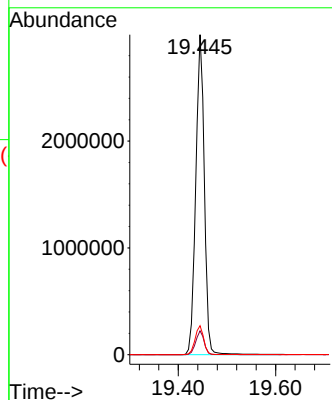
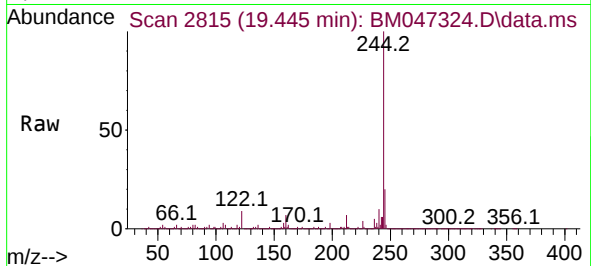




#79
 Terphenyl-d14
 Concen: 66.735 ng
 RT: 19.445 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM047324.D
 Acq: 22 Aug 2024 19:49

Instrument :
 BNA_M
 ClientSampleId :
 Stock Pile-2

Tgt Ion:244 Resp: 3685440
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 9.0 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.709 min Scan# 3540
 Delta R.T. -0.018 min
 Lab File: BM047324.D
 Acq: 22 Aug 2024 19:49

Tgt Ion:264 Resp: 1178435
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.5 27.7
 265 22.3 17.3 25.9

