

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
 Data File : BM047317.D
 Acq On : 22 Aug 2024 15:10
 Operator : RC/JU
 Sample : P3671-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-928-KI-SO-0.5-1-081924

Quant Time: Aug 22 15:54:35 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)

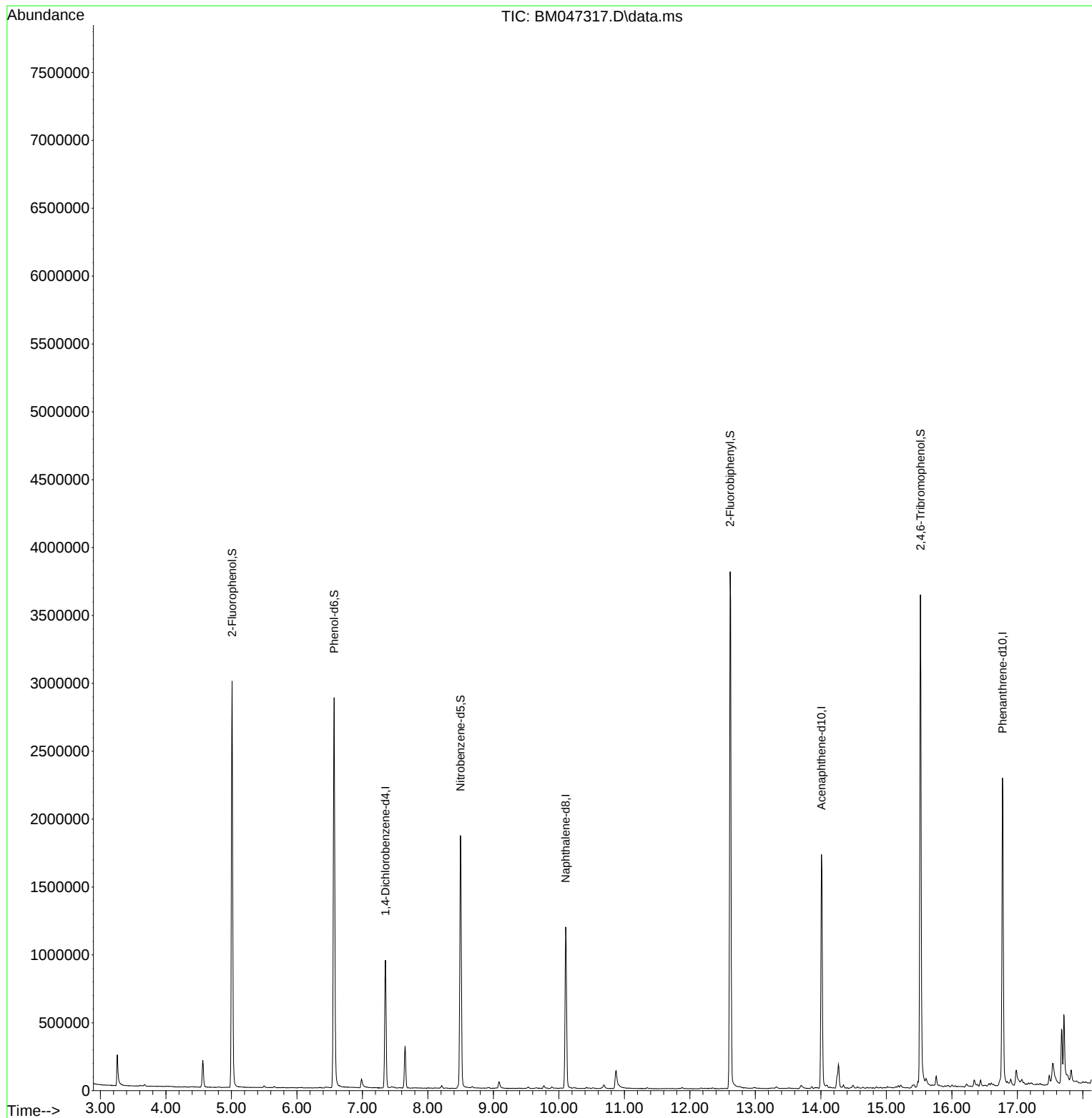
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	256729	20.000	ng	-0.02
21) Naphthalene-d8	10.104	136	976076	20.000	ng	-0.03
39) Acenaphthene-d10	14.010	164	648357	20.000	ng	-0.02
64) Phenanthrene-d10	16.774	188	1364522	20.000	ng	-0.02
76) Chrysene-d12	21.015	240	1305173	20.000	ng	-0.02
86) Perylene-d12	23.709	264	1329488	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1270740	88.444	ng	-0.01
7) Phenol-d6	6.569	99	1692230	85.477	ng	-0.02
23) Nitrobenzene-d5	8.498	82	1089285	56.193	ng	-0.02
42) 2,4,6-Tribromophenol	15.521	330	705291	93.816	ng	-0.02
45) 2-Fluorobiphenyl	12.616	172	2096788	49.885	ng	-0.03
79) Terphenyl-d14	19.445	244	3079802	50.563	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.498	77	256	Below Cal	Qvalue #	3

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

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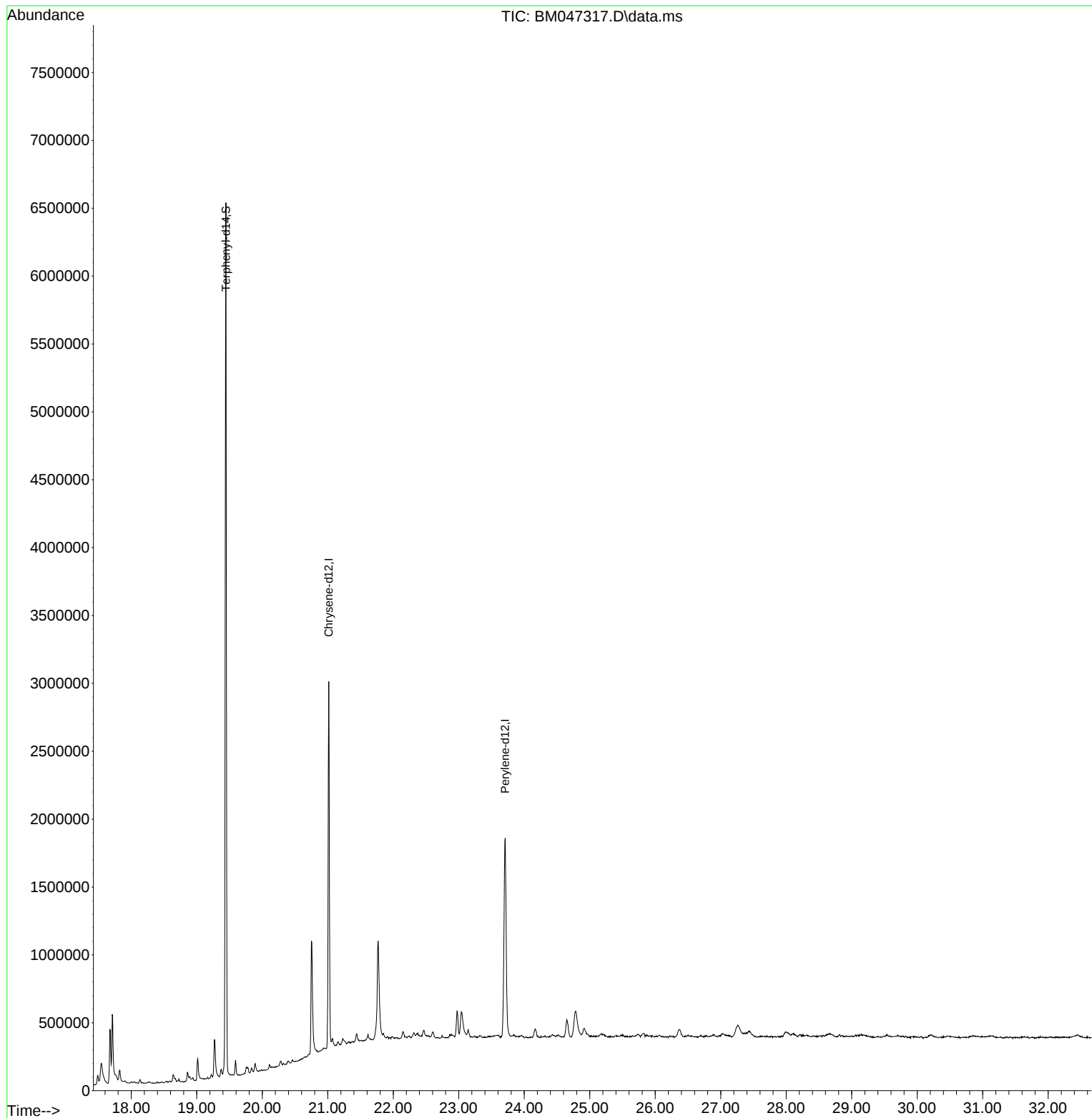
Quant Time: Aug 22 15:54:35 2024
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QLast Update : Sun Aug 11 23:47:58 2024
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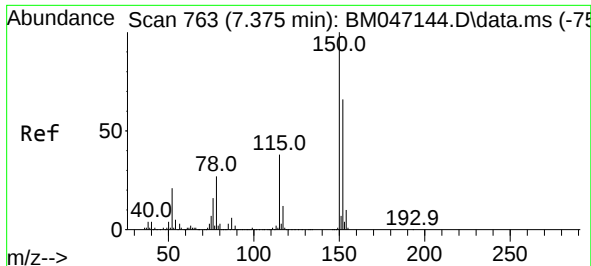


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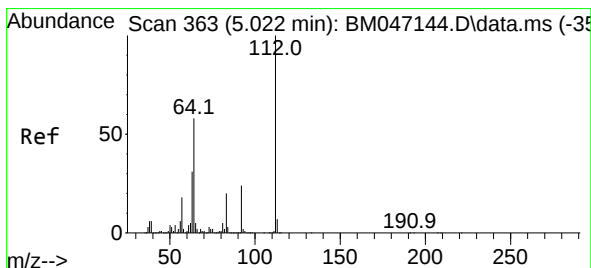
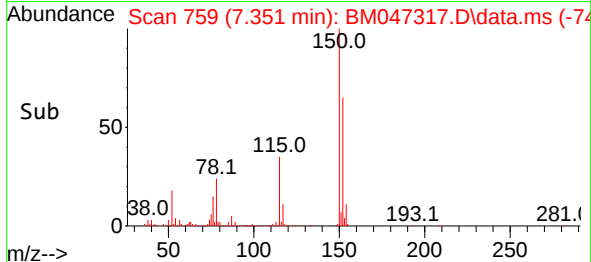
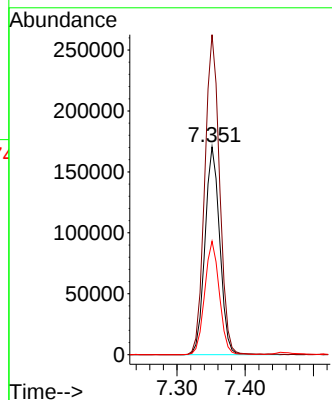
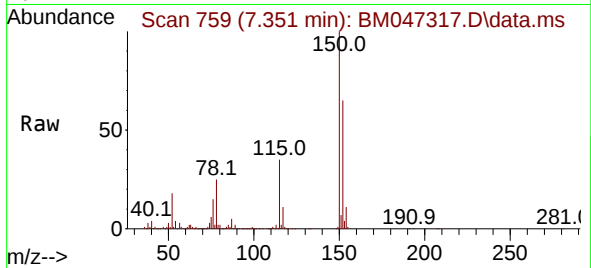




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.351 min Scan# 71
 Delta R.T. -0.024 min
 Lab File: BM047317.D
 Acq: 22 Aug 2024 15:10

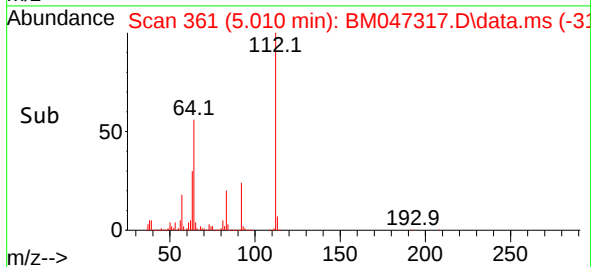
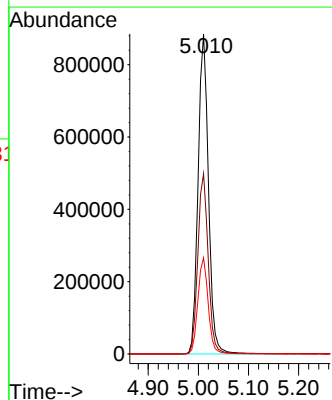
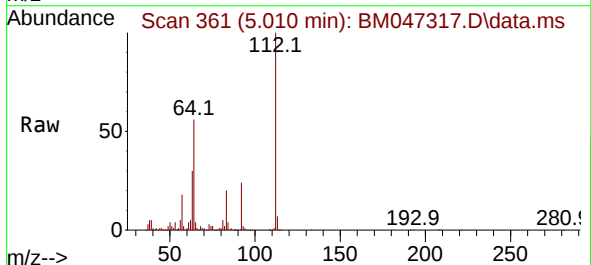
Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:152 Resp: 256729
 Ion Ratio Lower Upper
 152 100
 150 153.9 120.5 180.7
 115 54.5 45.5 68.3



#5
 2-Fluorophenol
 Concen: 88.444 ng
 RT: 5.010 min Scan# 361
 Delta R.T. -0.012 min
 Lab File: BM047317.D
 Acq: 22 Aug 2024 15:10

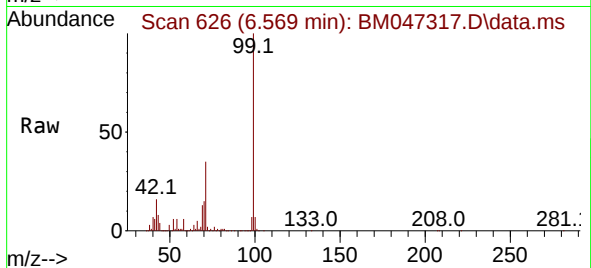
Tgt Ion:112 Resp: 1270740
 Ion Ratio Lower Upper
 112 100
 64 56.3 46.7 70.1
 63 30.1 24.8 37.2





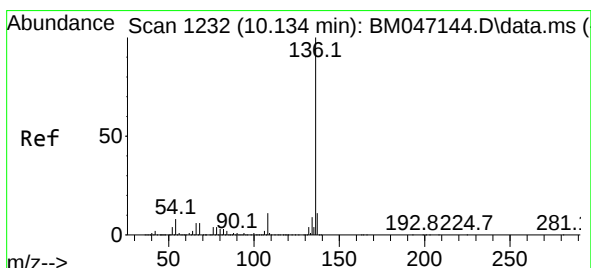
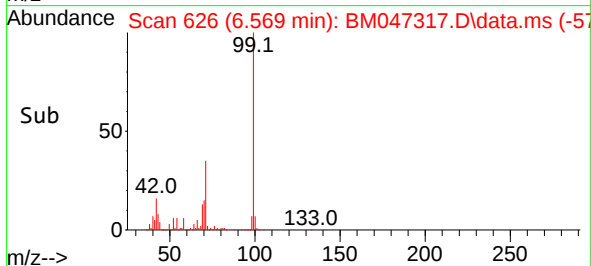
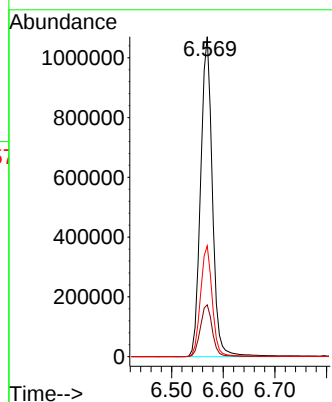
#7
Phenol-d6
Concen: 85.477 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM047317.D
Acq: 22 Aug 2024 15:10

Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924



Tgt Ion: 99 Resp: 1692230

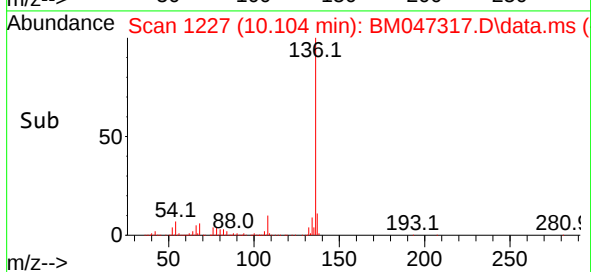
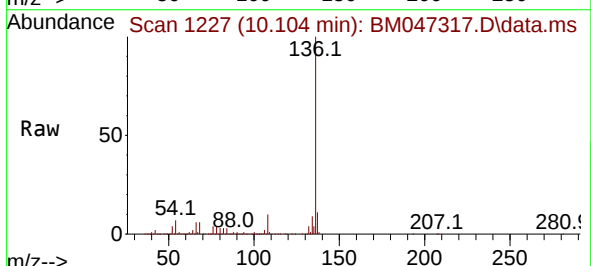
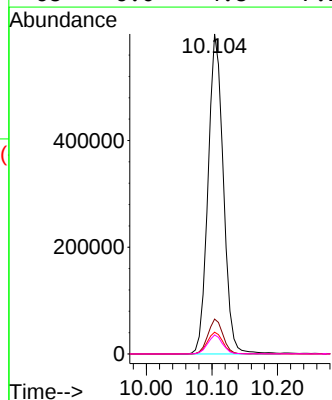
Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.1	21.1
71	34.6	28.5	42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. -0.030 min
Lab File: BM047317.D
Acq: 22 Aug 2024 15:10

Tgt Ion: 136 Resp: 976076

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.8	6.0	9.0
68	6.0	4.8	7.2

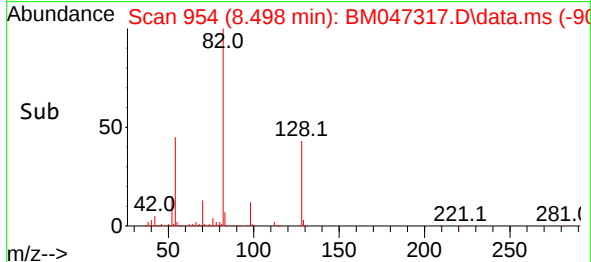
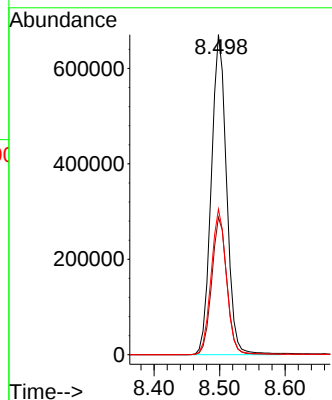
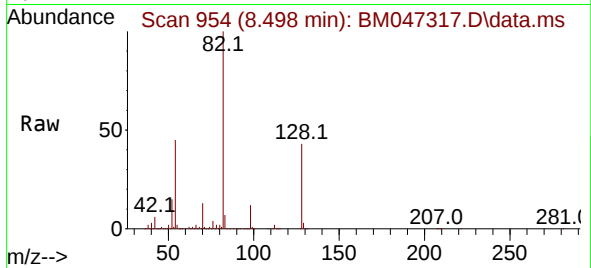




#23
Nitrobenzene-d5
Concen: 56.193 ng
RT: 8.498 min Scan# 91
Delta R.T. -0.024 min
Lab File: BM047317.D
Acq: 22 Aug 2024 15:10

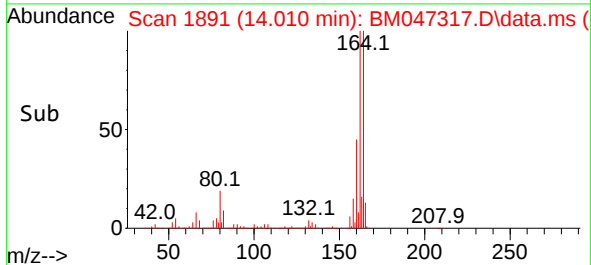
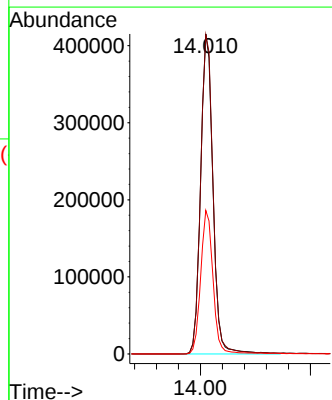
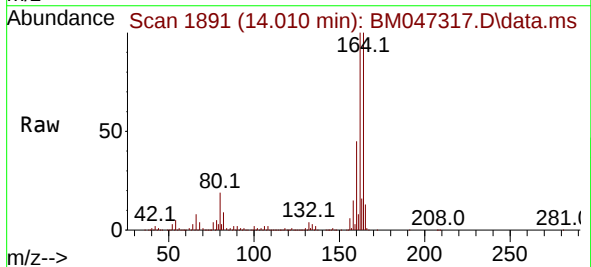
Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924

Tgt Ion: 82 Resp: 1089285
Ion Ratio Lower Upper
82 100
128 42.9 32.3 48.5
54 45.5 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: BM047317.D
Acq: 22 Aug 2024 15:10

Tgt Ion:164 Resp: 648357
Ion Ratio Lower Upper
164 100
162 99.8 80.7 121.1
160 44.9 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 93.816 ng

RT: 15.521 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047317.D

Acq: 22 Aug 2024 15:10

Instrument :

BNA_M

ClientSampleId :

S-928-KI-SO-0.5-1-081924

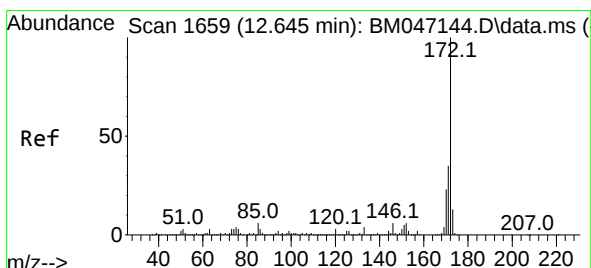
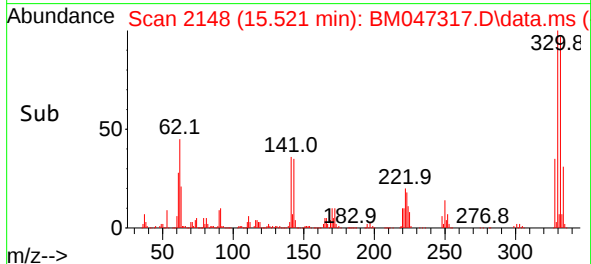
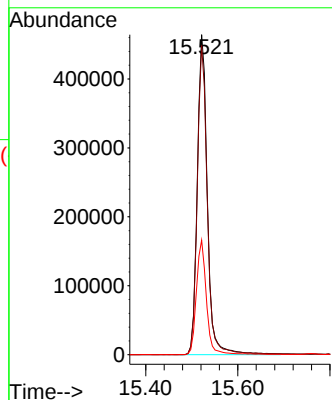
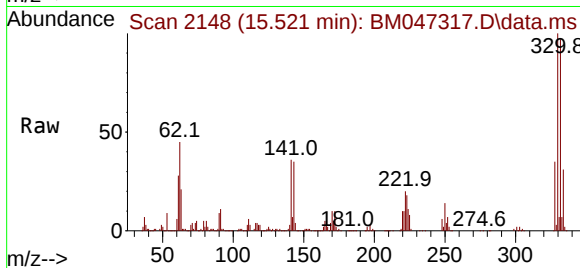
Tgt Ion:330 Resp: 705291

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

141 35.7 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 49.885 ng

RT: 12.616 min Scan# 1654

Delta R.T. -0.029 min

Lab File: BM047317.D

Acq: 22 Aug 2024 15:10

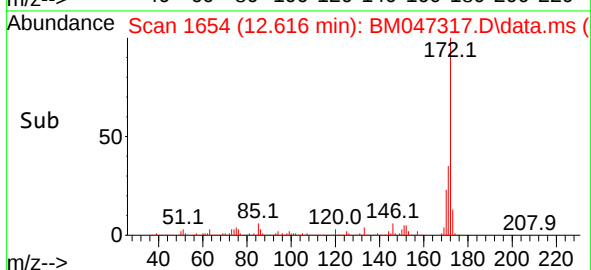
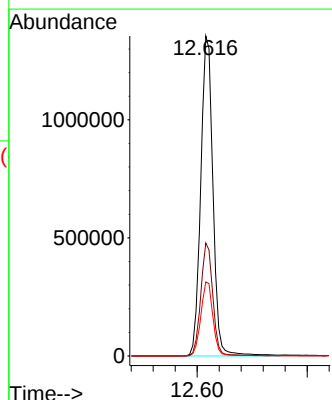
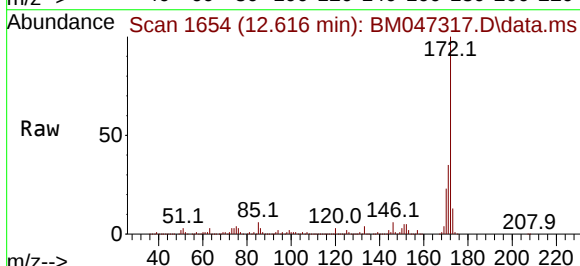
Tgt Ion:172 Resp: 2096788

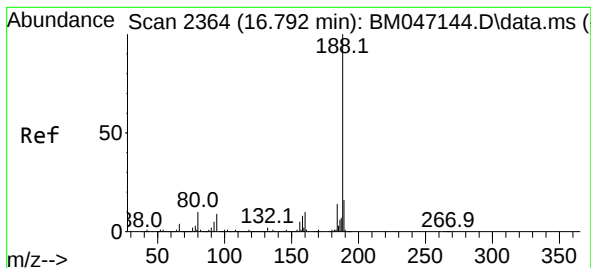
Ion Ratio Lower Upper

172 100

171 35.3 27.8 41.6

170 23.1 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: BM047317.D

Acq: 22 Aug 2024 15:10

Instrument :

BNA_M

ClientSampleId :

S-928-KI-SO-0.5-1-081924

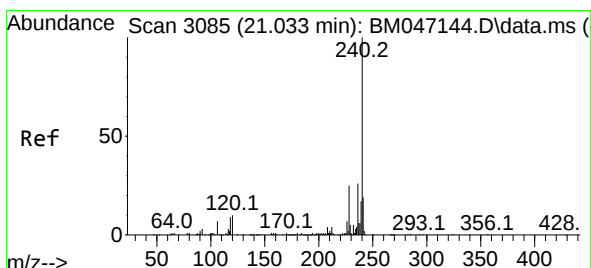
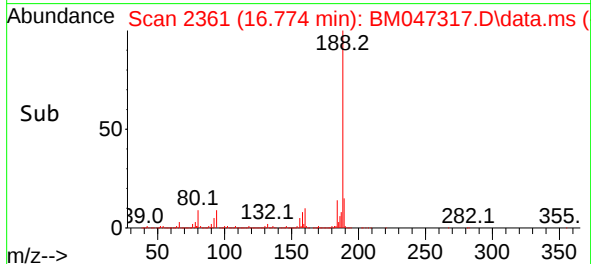
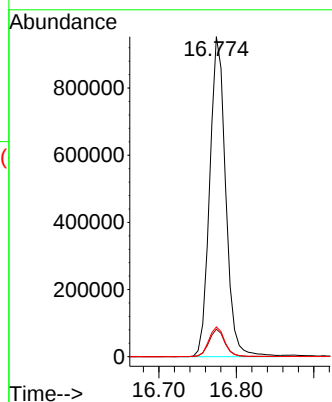
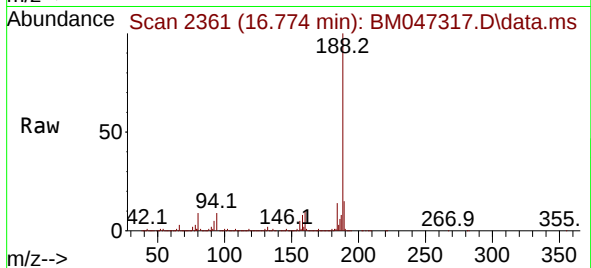
Tgt Ion:188 Resp: 1364522

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 9.3 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: BM047317.D

Acq: 22 Aug 2024 15:10

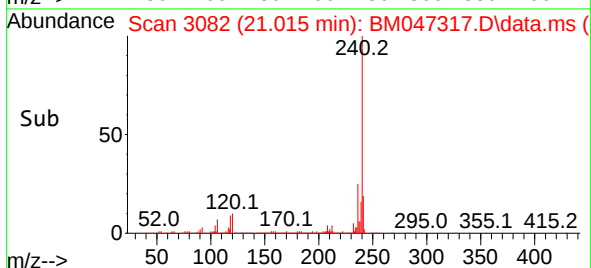
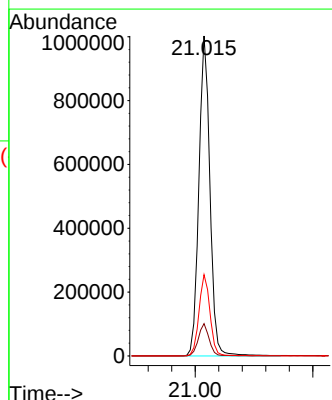
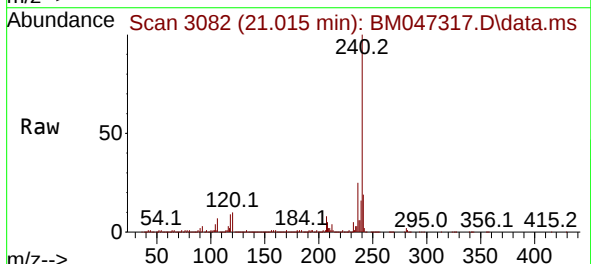
Tgt Ion:240 Resp: 1305173

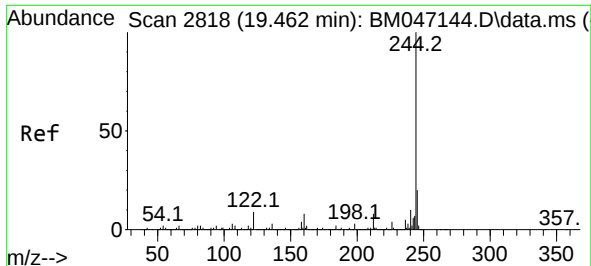
Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.2

236 25.4 20.6 30.8

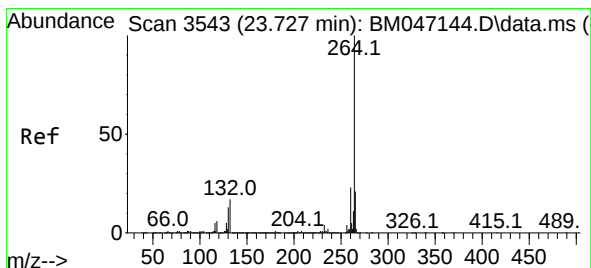
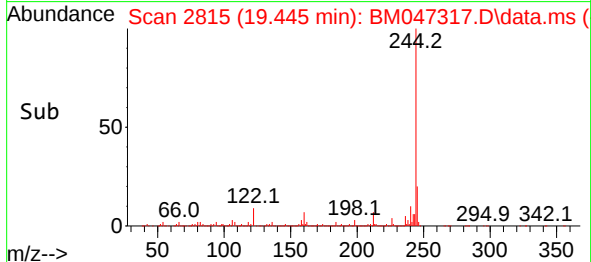
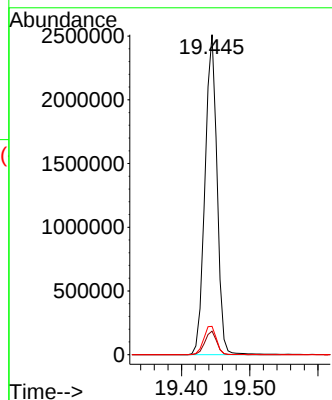
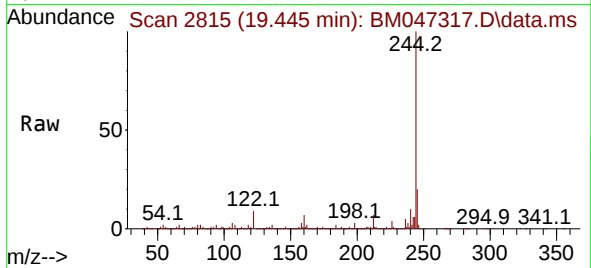




#79
 Terphenyl-d14
 Concen: 50.563 ng
 RT: 19.445 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM047317.D
 Acq: 22 Aug 2024 15:10

Instrument :
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Tgt Ion:244 Resp: 3079802
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 8.9 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: BM047317.D
 Acq: 22 Aug 2024 15:10

Tgt Ion:264 Resp: 1329488
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 22.0 17.3 25.9

