

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
 Data File : BM047316.D
 Acq On : 22 Aug 2024 14:31
 Operator : RC/JU
 Sample : P3671-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-912-J-SO-0-0.5-081924

Quant Time: Aug 22 15:18:55 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)

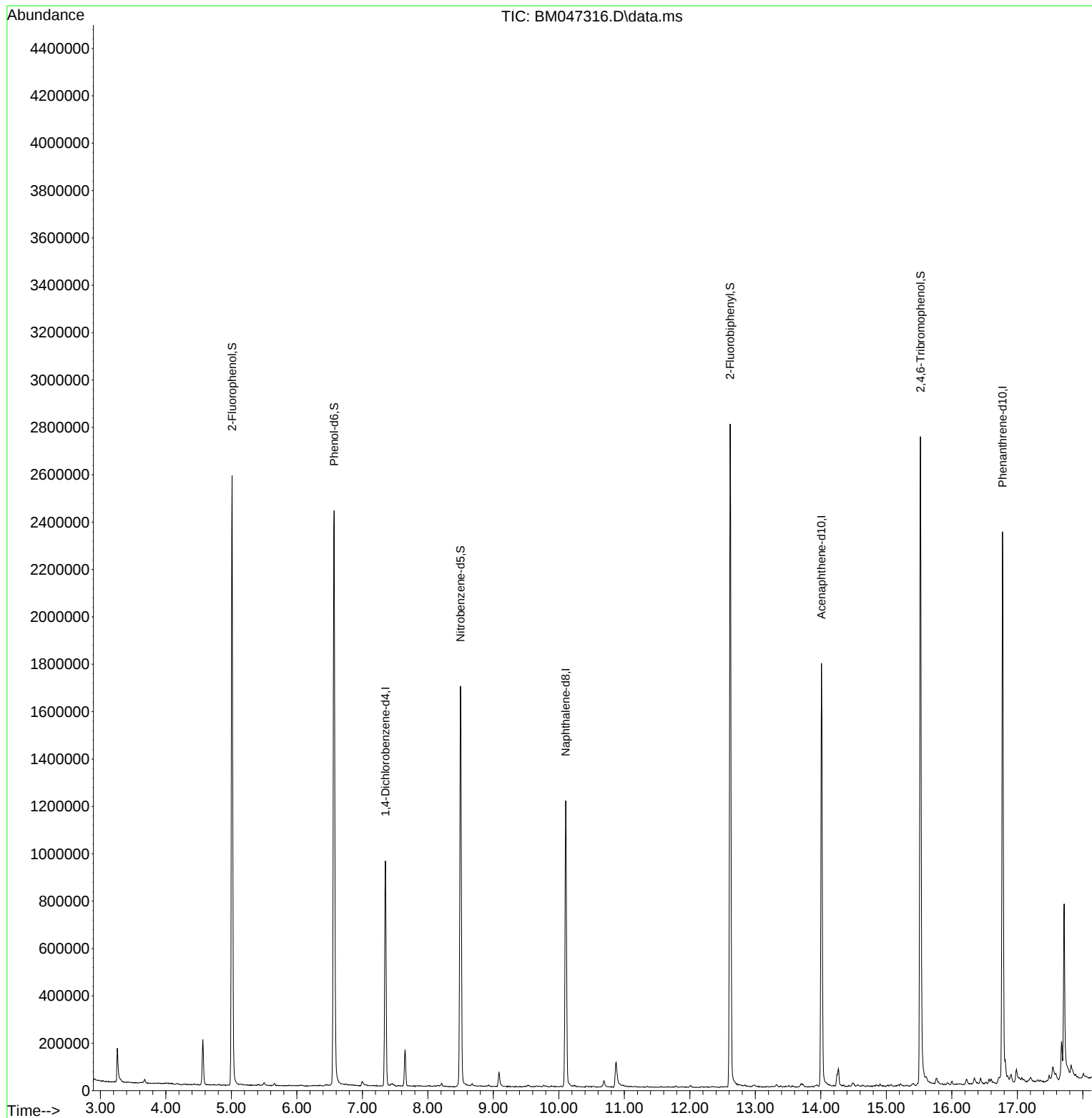
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	255981	20.000	ng	-0.02
21) Naphthalene-d8	10.104	136	983498	20.000	ng	-0.03
39) Acenaphthene-d10	14.010	164	648299	20.000	ng	-0.02
64) Phenanthrene-d10	16.774	188	1386420	20.000	ng	-0.02
76) Chrysene-d12	21.015	240	1285465	20.000	ng	-0.02
86) Perylene-d12	23.709	264	1323018	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1114910	77.825	ng	-0.01
7) Phenol-d6	6.569	99	1480299	74.990	ng	-0.02
23) Nitrobenzene-d5	8.498	82	1003954	51.401	ng	-0.02
42) 2,4,6-Tribromophenol	15.521	330	529801	70.479	ng	-0.02
45) 2-Fluorobiphenyl	12.616	172	1547565	36.822	ng	-0.03
79) Terphenyl-d14	19.439	244	1843481	30.729	ng	-0.02
Target Compounds						
75) Fluoranthene	18.857	202	92240	1.090	ng	Qvalue 99

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

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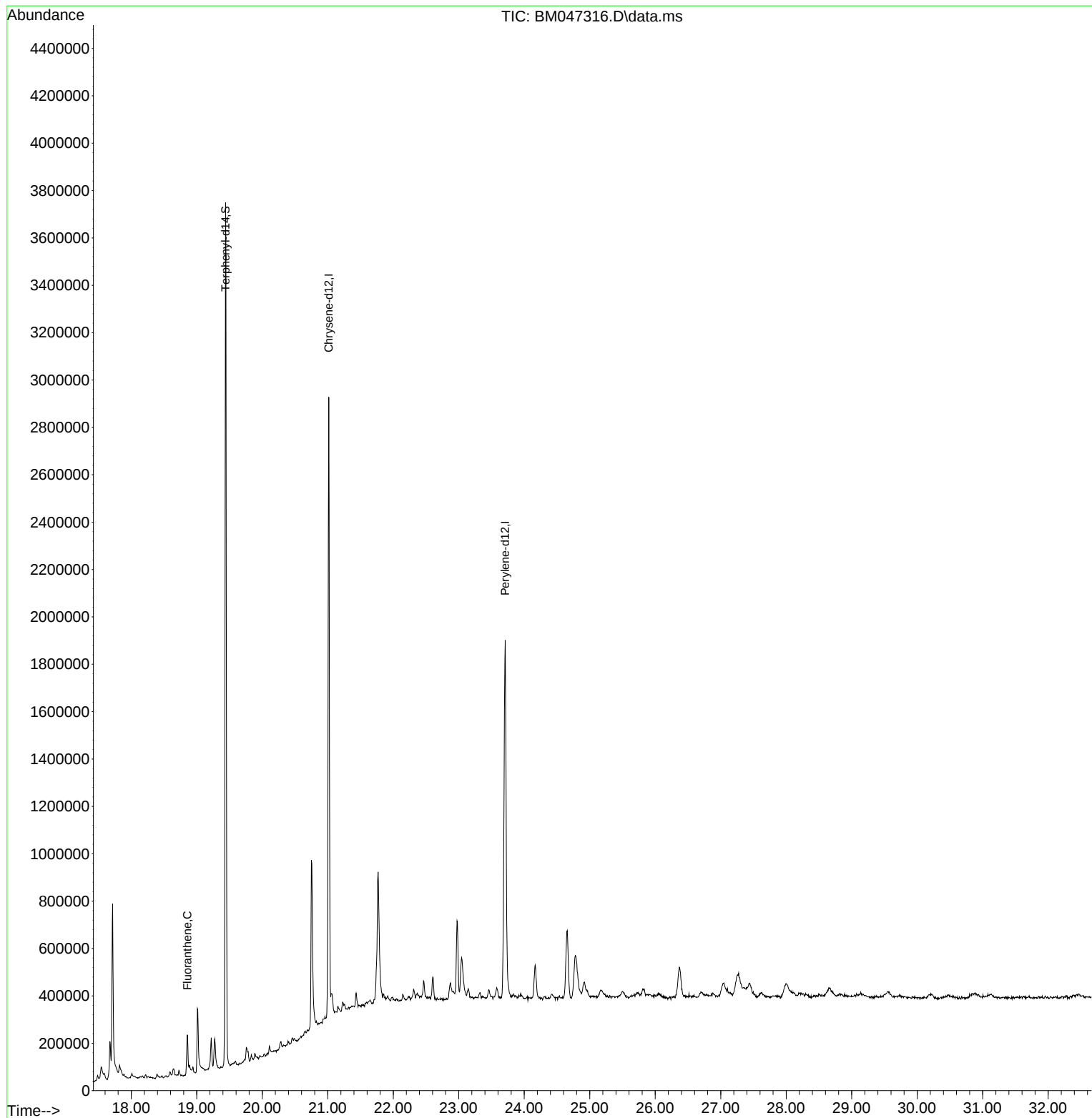
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

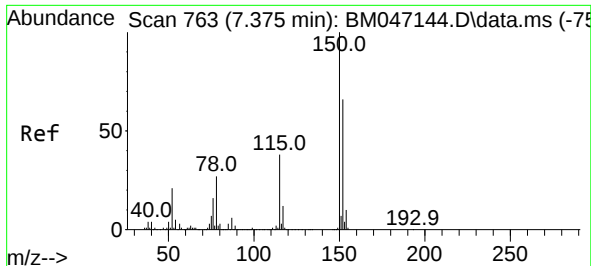


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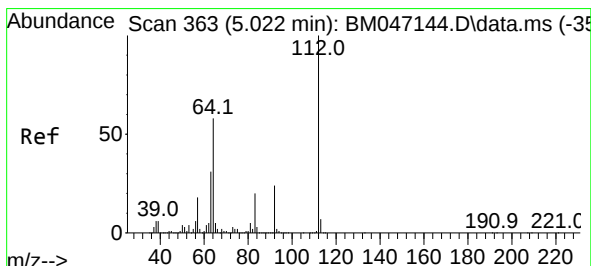
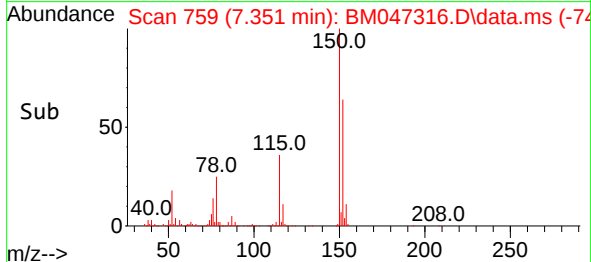
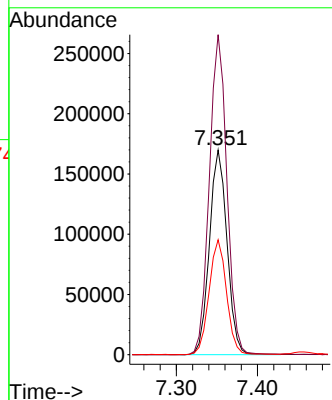
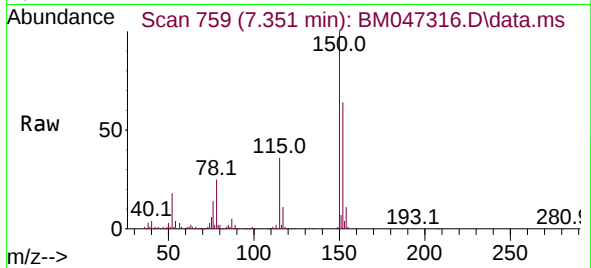




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 71
Delta R.T. -0.024 min
Lab File: BM047316.D
Acq: 22 Aug 2024 14:31

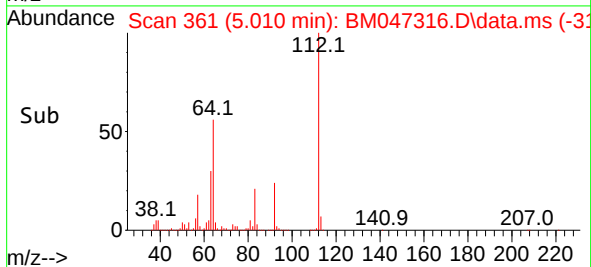
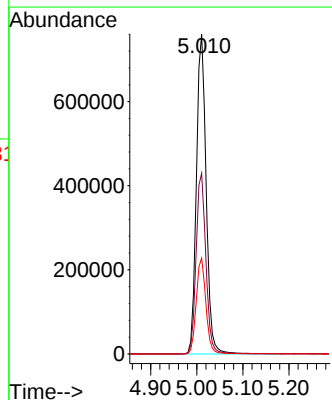
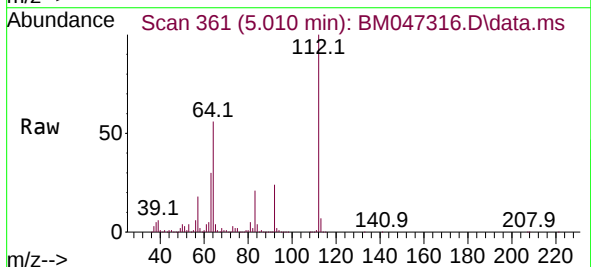
Instrument :
BNA_M
ClientSampleId :
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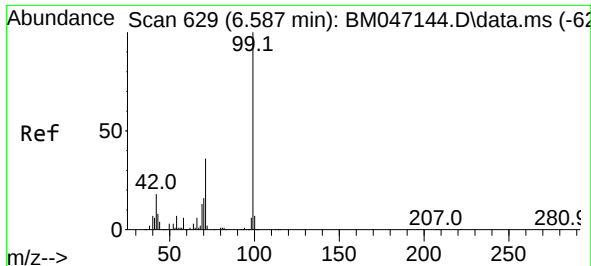
Tgt Ion:152 Resp: 255981
Ion Ratio Lower Upper
152 100
150 156.3 120.5 180.7
115 56.1 45.5 68.3



#5
2-Fluorophenol
Concen: 77.825 ng
RT: 5.010 min Scan# 361
Delta R.T. -0.012 min
Lab File: BM047316.D
Acq: 22 Aug 2024 14:31

Tgt Ion:112 Resp: 1114910
Ion Ratio Lower Upper
112 100
64 56.5 46.7 70.1
63 29.9 24.8 37.2

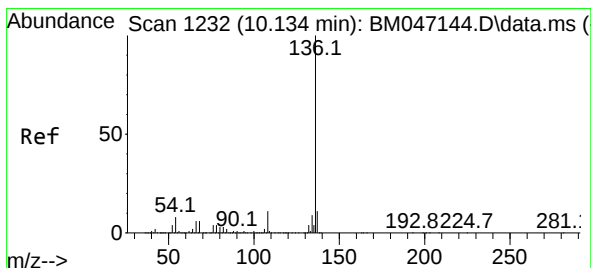
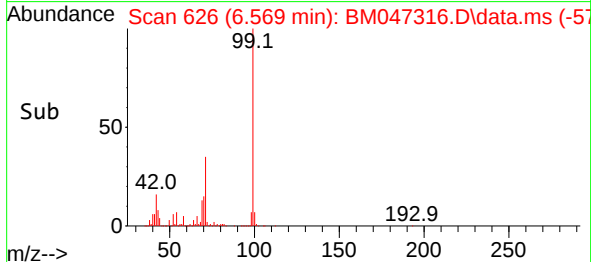
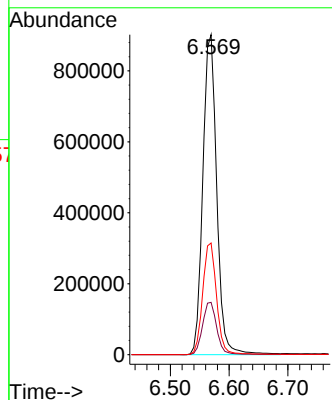
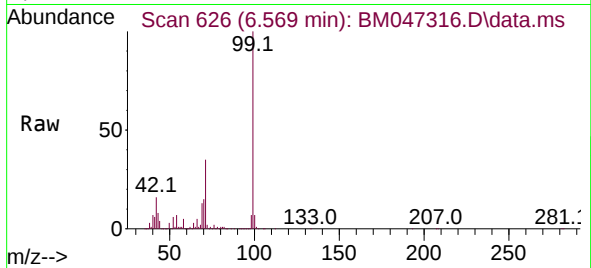




#7
Phenol-d6
Concen: 74.990 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM047316.D
Acq: 22 Aug 2024 14:31

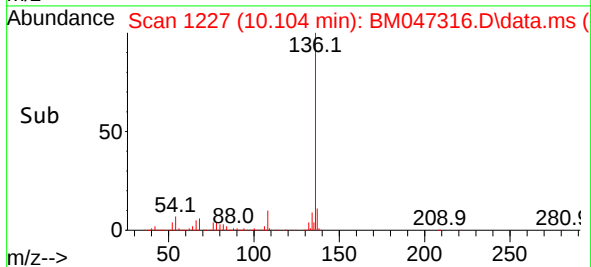
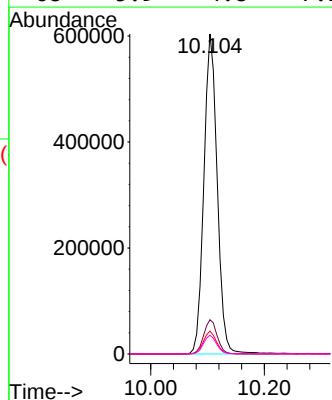
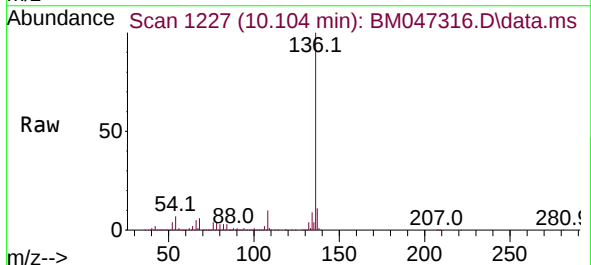
Instrument :
BNA_M
ClientSampleId :
S-912-J-SO-0-0.5-081924

Tgt Ion: 99 Resp: 1480299
Ion Ratio Lower Upper
99 100
42 16.4 14.1 21.1
71 34.9 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: BM047316.D
Acq: 22 Aug 2024 14:31

Tgt Ion: 136 Resp: 983498
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.2 6.0 9.0
68 5.9 4.8 7.2

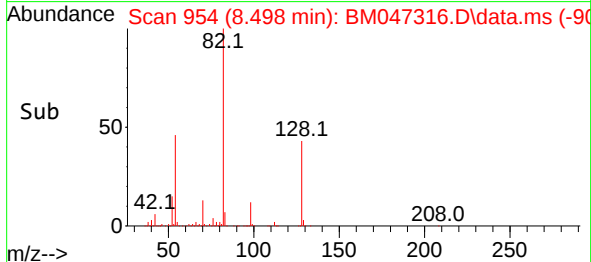
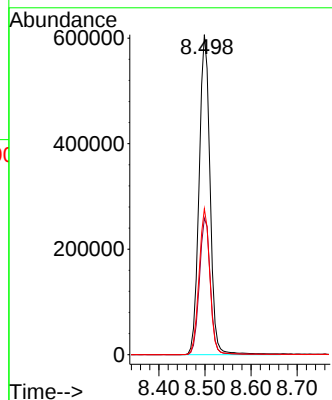
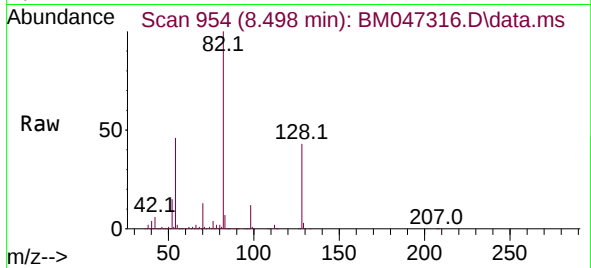




#23
Nitrobenzene-d5
Concen: 51.401 ng
RT: 8.498 min Scan# 91
Delta R.T. -0.024 min
Lab File: BM047316.D
Acq: 22 Aug 2024 14:31

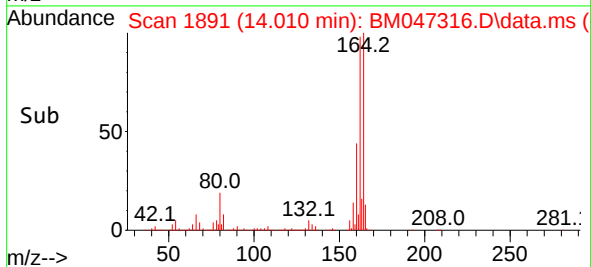
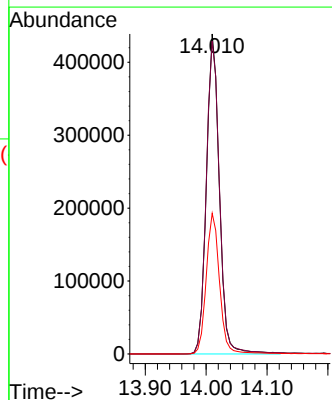
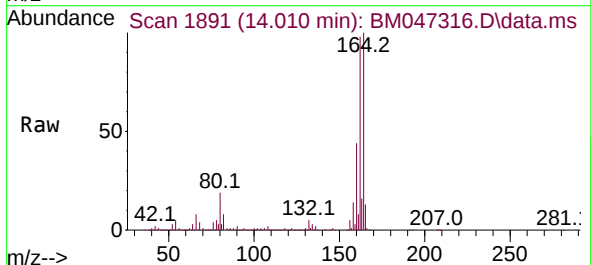
Instrument :
BNA_M
ClientSampleId :
S-912-J-SO-0-0.5-081924

Tgt Ion: 82 Resp: 1003954
Ion Ratio Lower Upper
82 100
128 42.6 32.3 48.5
54 45.6 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: BM047316.D
Acq: 22 Aug 2024 14:31

Tgt Ion:164 Resp: 648299
Ion Ratio Lower Upper
164 100
162 97.8 80.7 121.1
160 43.9 36.0 54.0

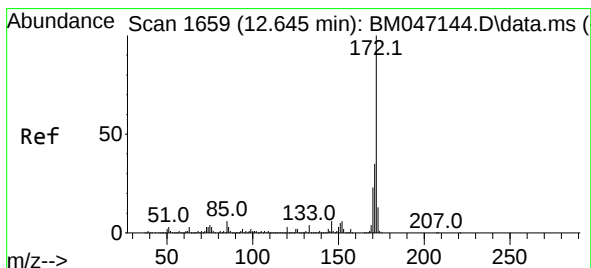
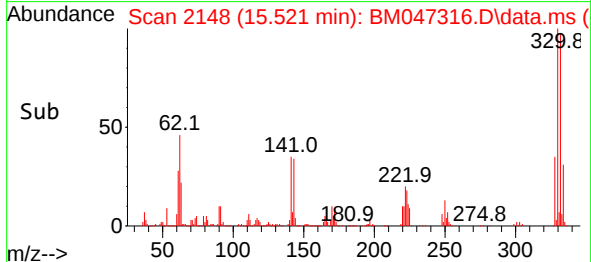
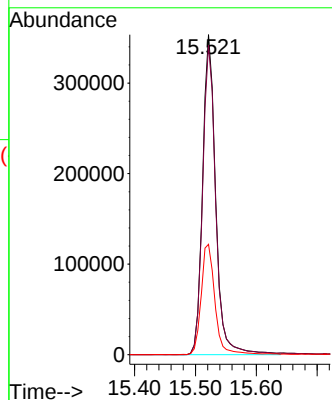
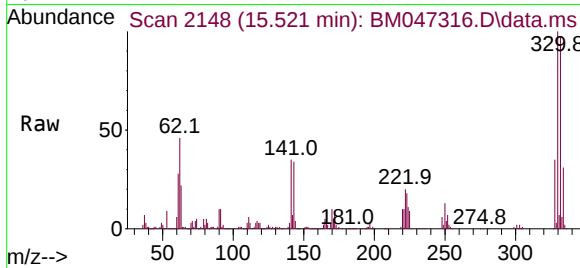




#42
2,4,6-Tribromophenol
Concen: 70.479 ng
RT: 15.521 min Scan# 2151
Delta R.T. -0.018 min
Lab File: BM047316.D
Acq: 22 Aug 2024 14:31

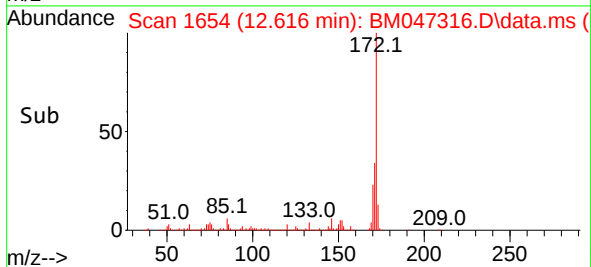
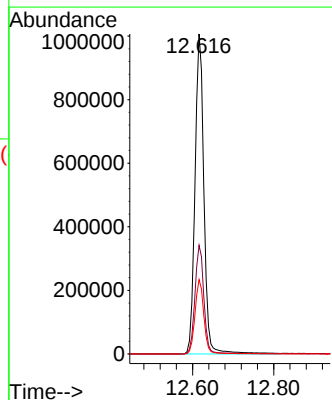
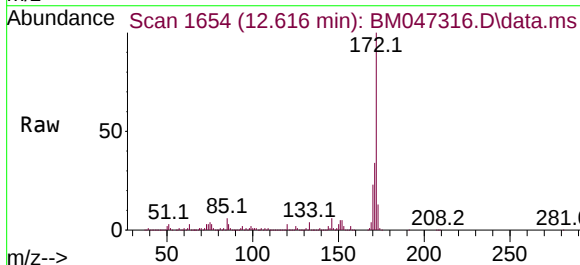
Instrument :
BNA_M
ClientSampleId :
S-912-J-SO-0-0.5-081924

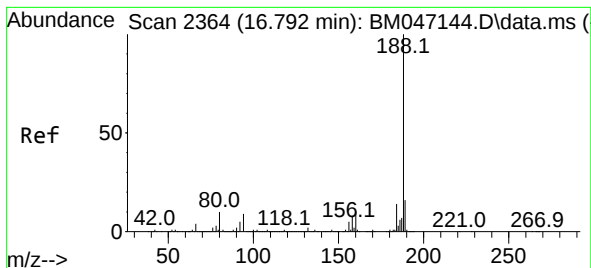
Tgt Ion:330 Resp: 529801
Ion Ratio Lower Upper
330 100
332 98.2 77.4 116.2
141 36.8 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 36.822 ng
RT: 12.616 min Scan# 1654
Delta R.T. -0.029 min
Lab File: BM047316.D
Acq: 22 Aug 2024 14:31

Tgt Ion:172 Resp: 1547565
Ion Ratio Lower Upper
172 100
171 33.9 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: BM047316.D

Acq: 22 Aug 2024 14:31

Instrument :

BNA_M

ClientSampleId :

S-912-J-SO-0-0.5-081924

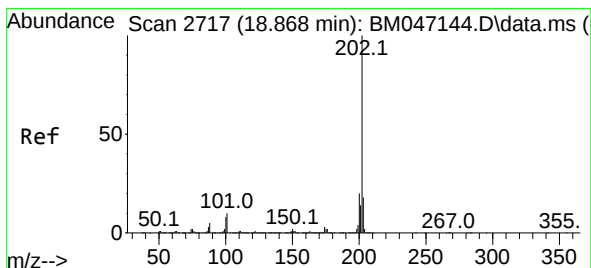
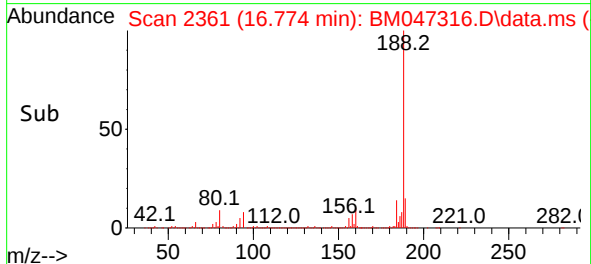
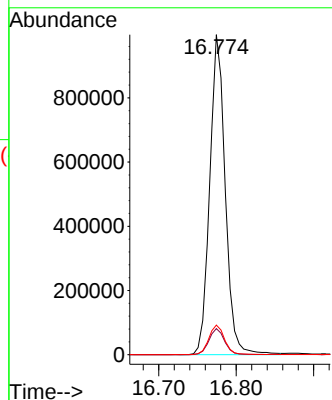
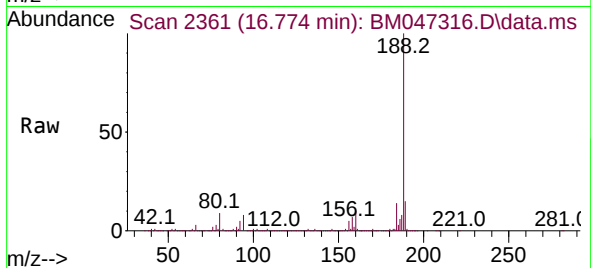
Tgt Ion:188 Resp: 1386420

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

80 9.3 8.0 12.0



#75

Fluoranthene

Concen: 1.090 ng

RT: 18.857 min Scan# 2715

Delta R.T. -0.012 min

Lab File: BM047316.D

Acq: 22 Aug 2024 14:31

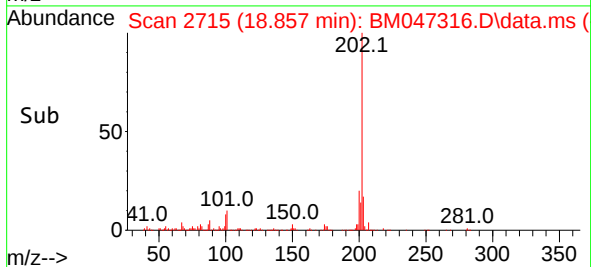
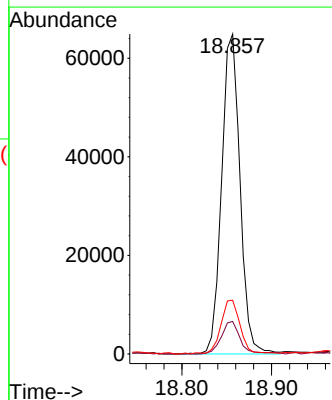
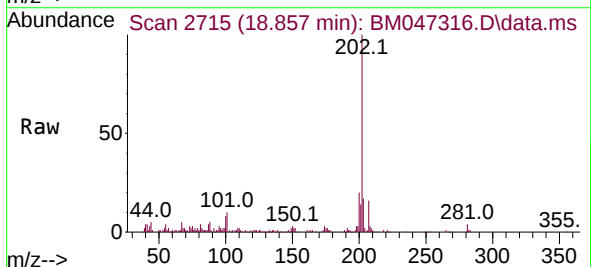
Tgt Ion:202 Resp: 92240

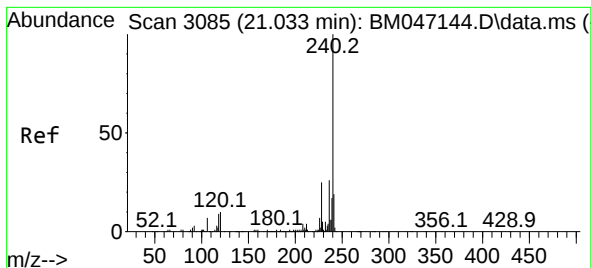
Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.2

203 16.8 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: BM047316.D

Acq: 22 Aug 2024 14:31

Instrument :

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ClientSampleId :

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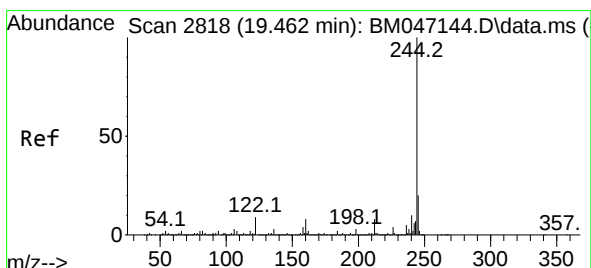
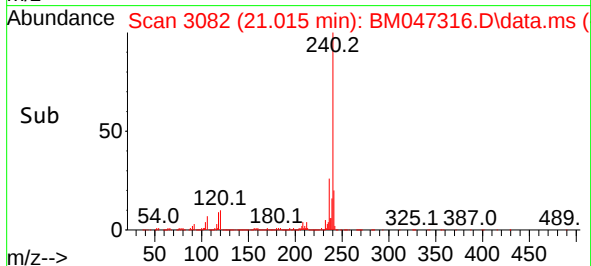
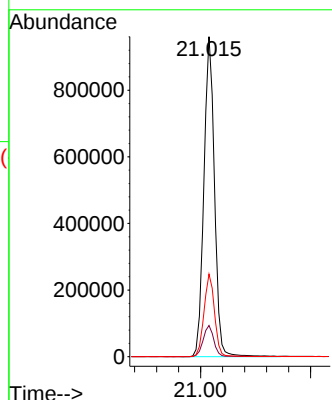
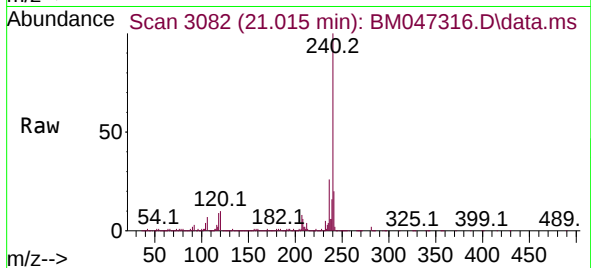
Tgt Ion:240 Resp: 1285465

Ion Ratio Lower Upper

240 100

120 9.8 8.2 12.2

236 25.8 20.6 30.8



#79

Terphenyl-d14

Concen: 30.729 ng

RT: 19.439 min Scan# 2814

Delta R.T. -0.024 min

Lab File: BM047316.D

Acq: 22 Aug 2024 14:31

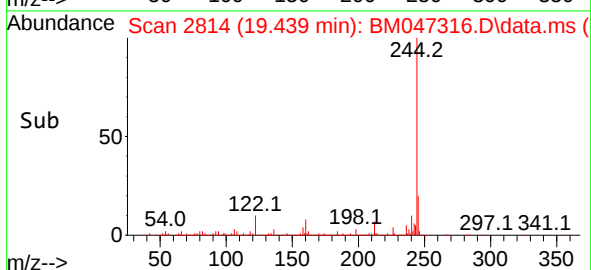
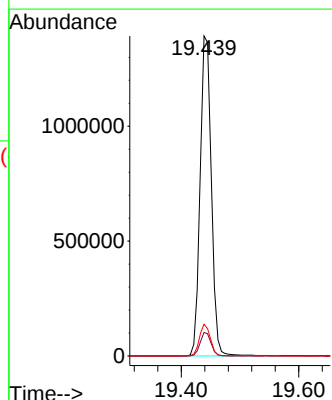
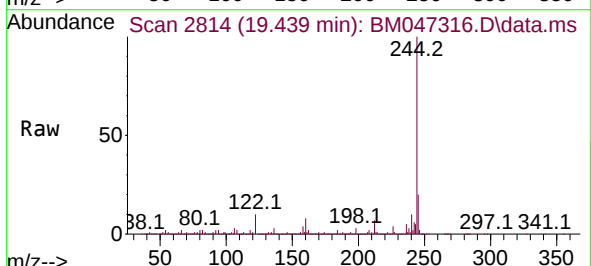
Tgt Ion:244 Resp: 1843481

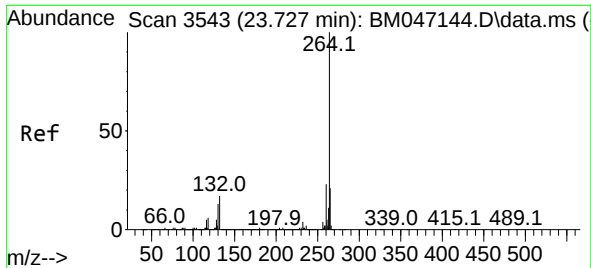
Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

122 9.9 7.1 10.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.709 min Scan# 3

Delta R.T. -0.018 min

Lab File: BM047316.D

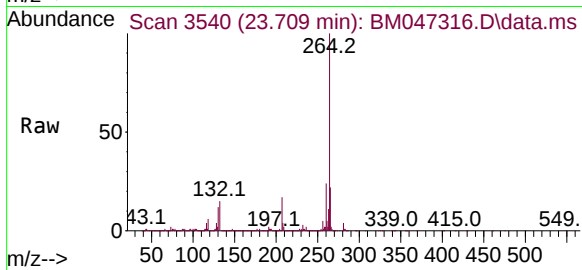
Acq: 22 Aug 2024 14:31

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Tgt Ion:264 Resp: 1323018

Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 22.3 17.3 25.9

