

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
 Data File : BM047314.D
 Acq On : 22 Aug 2024 13:11
 Operator : RC/JU
 Sample : P3671-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-912-J-SO-0.5-1-081924

Quant Time: Aug 22 13:48:28 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)

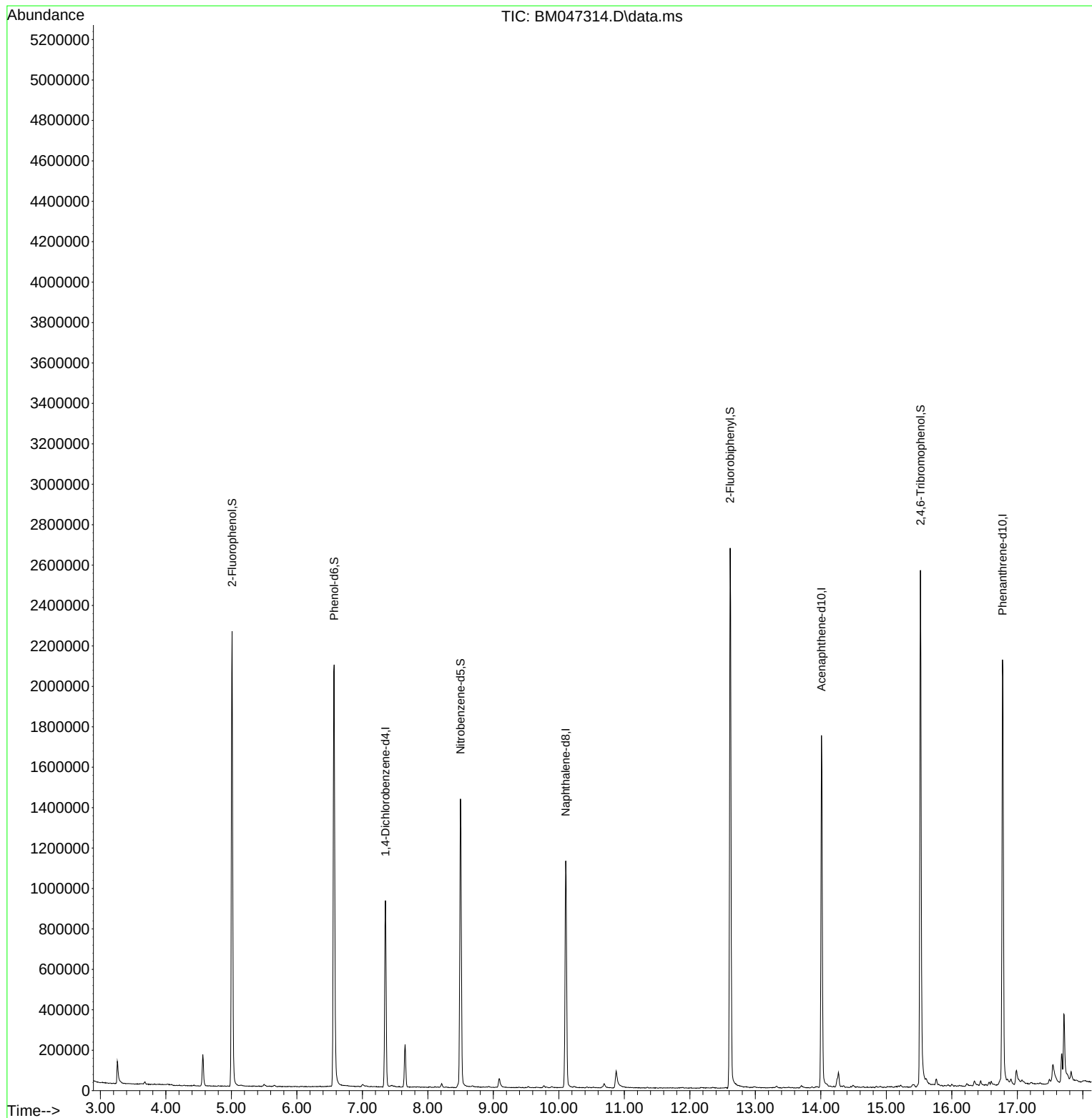
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	251683	20.000	ng	-0.02
21) Naphthalene-d8	10.104	136	951089	20.000	ng	-0.03
39) Acenaphthene-d10	14.010	164	635439	20.000	ng	-0.02
64) Phenanthrene-d10	16.774	188	1371332	20.000	ng	-0.02
76) Chrysene-d12	21.015	240	1283725	20.000	ng	-0.02
86) Perylene-d12	23.709	264	1313198	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	976790	69.348	ng	-0.01
7) Phenol-d6	6.569	99	1267923	65.329	ng	-0.02
23) Nitrobenzene-d5	8.498	82	848596	44.927	ng	-0.02
42) 2,4,6-Tribromophenol	15.521	330	505838	68.653	ng	-0.02
45) 2-Fluorobiphenyl	12.616	172	1526056	37.045	ng	-0.03
79) Terphenyl-d14	19.445	244	2081809	34.749	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.516	77	325	Below Cal	Qvalue #	39

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

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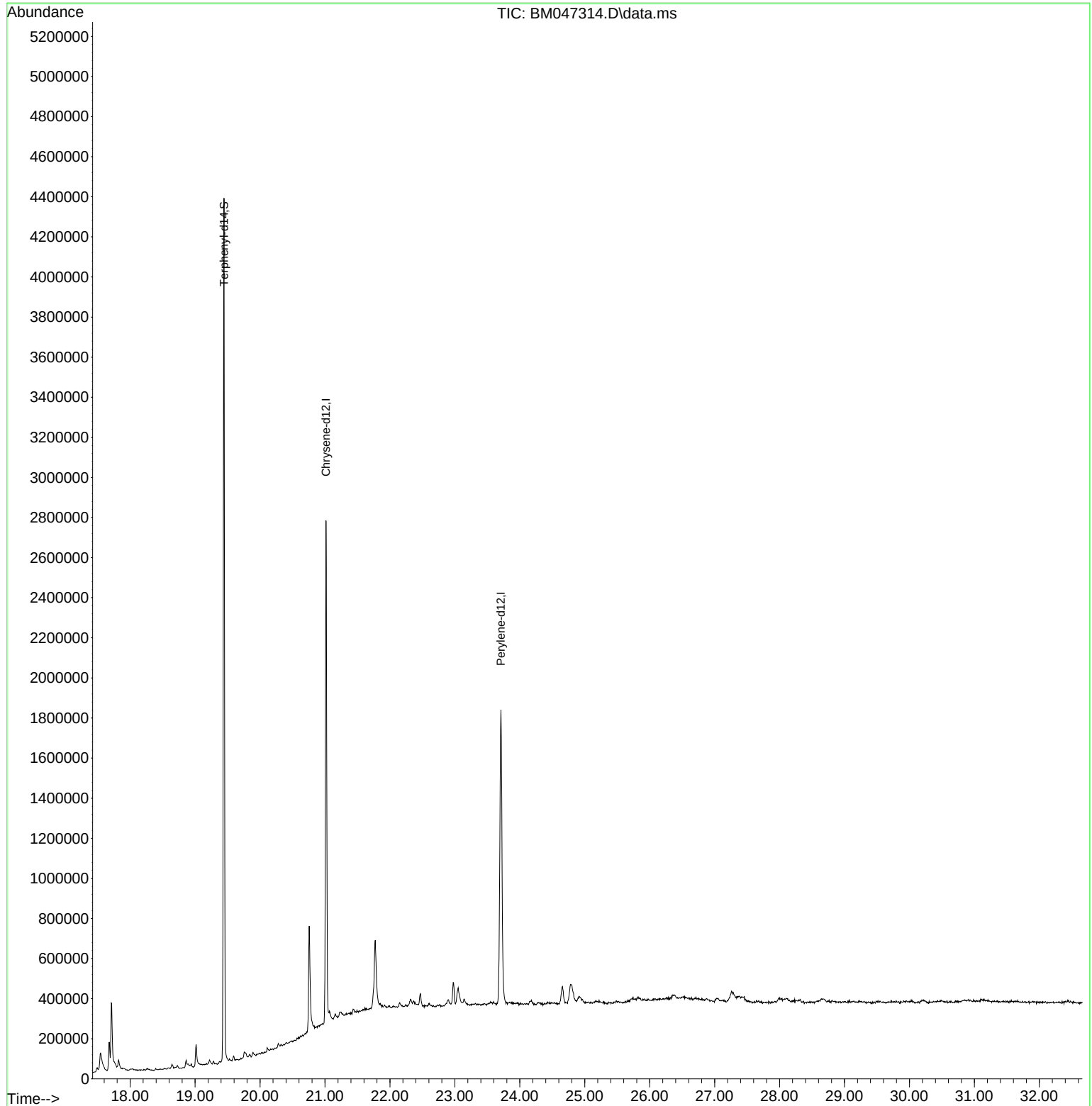
Quant Time: Aug 22 13:48:28 2024
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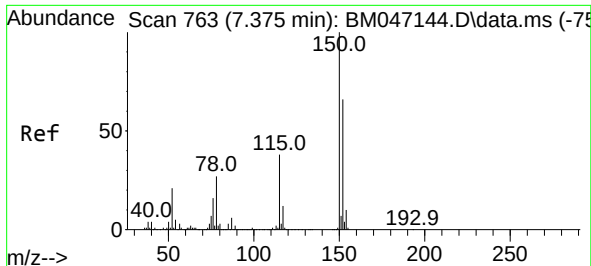


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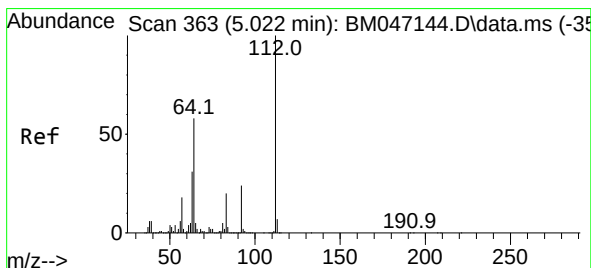
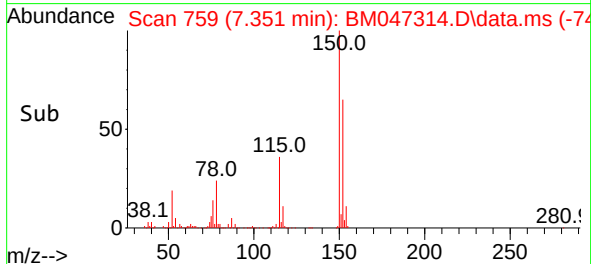
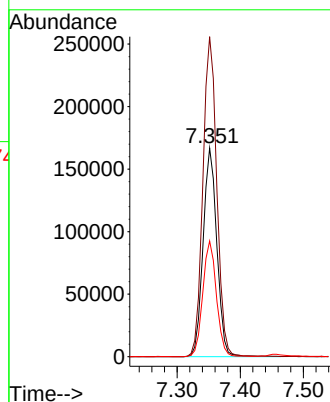
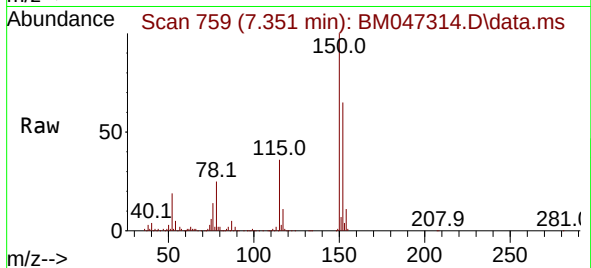




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 763
Delta R.T. -0.024 min
Lab File: BM047314.D
Acq: 22 Aug 2024 13:11

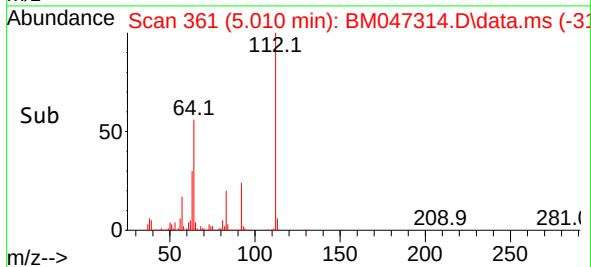
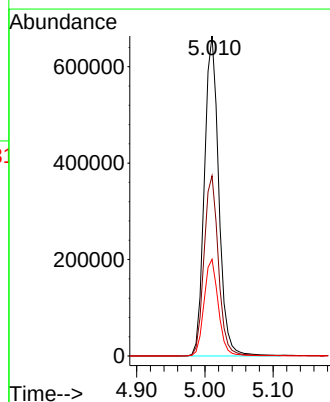
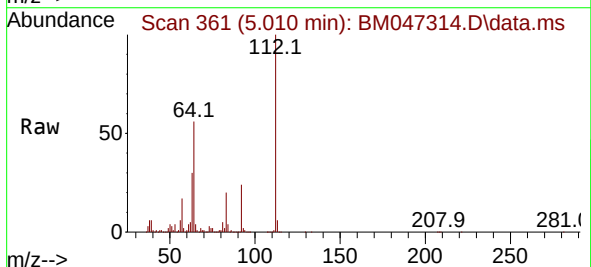
Instrument :
BNA_M
ClientSampleId :
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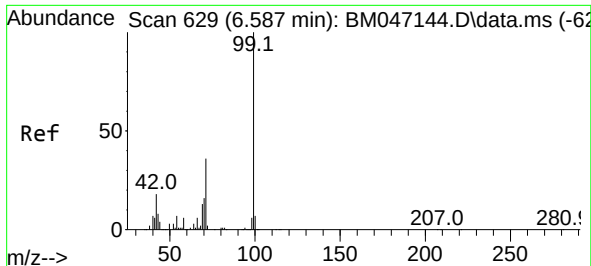
Tgt Ion:152 Resp: 251683
Ion Ratio Lower Upper
152 100
150 153.3 120.5 180.7
115 55.4 45.5 68.3



#5
2-Fluorophenol
Concen: 69.348 ng
RT: 5.010 min Scan# 361
Delta R.T. -0.012 min
Lab File: BM047314.D
Acq: 22 Aug 2024 13:11

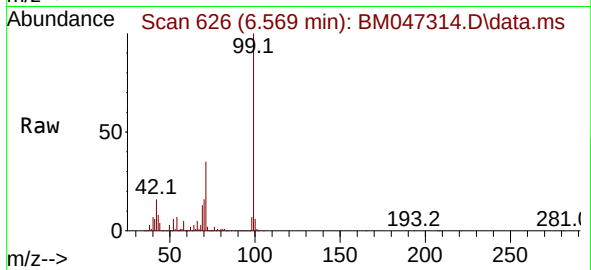
Tgt Ion:112 Resp: 976790
Ion Ratio Lower Upper
112 100
64 56.3 46.7 70.1
63 30.2 24.8 37.2





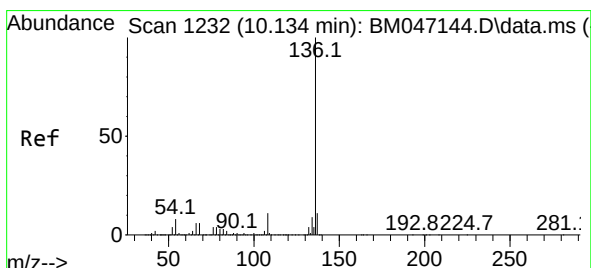
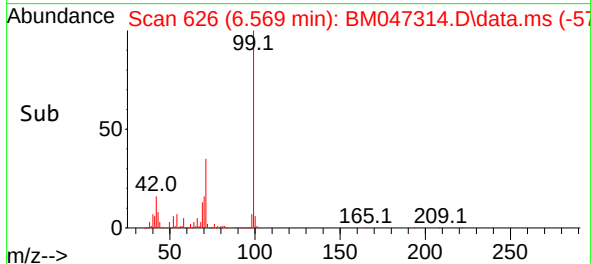
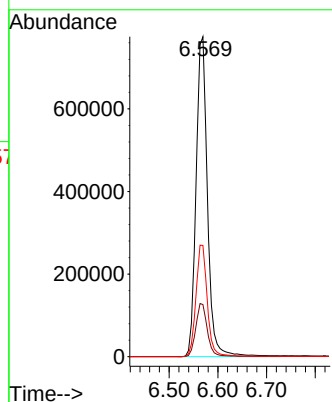
#7
Phenol-d6
Concen: 65.329 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM047314.D
Acq: 22 Aug 2024 13:11

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1267923

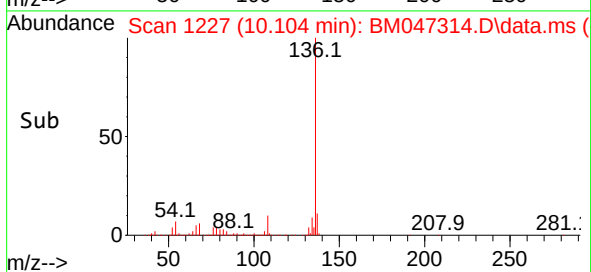
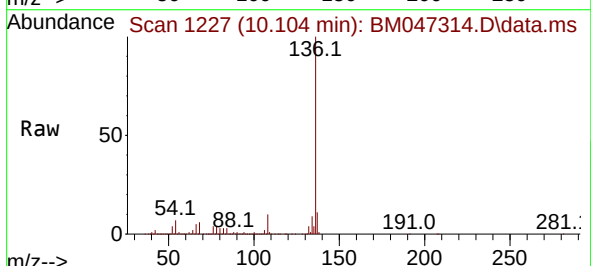
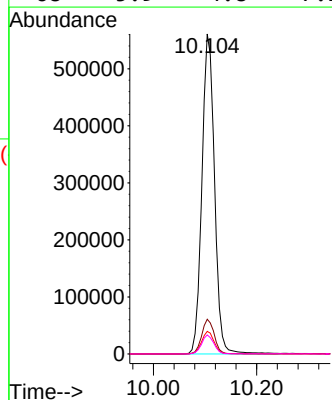
Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.1	21.1
71	34.7	28.5	42.7

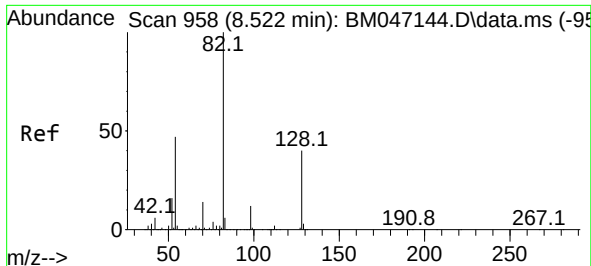


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. -0.029 min
Lab File: BM047314.D
Acq: 22 Aug 2024 13:11

Tgt Ion: 136 Resp: 951089

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.1	6.0	9.0
68	5.9	4.8	7.2

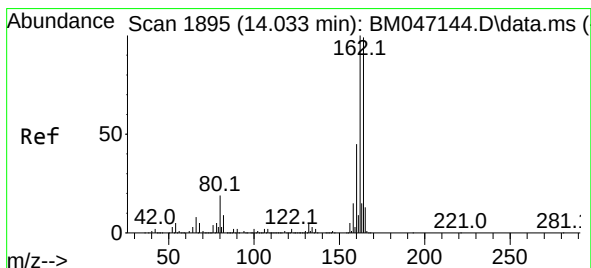
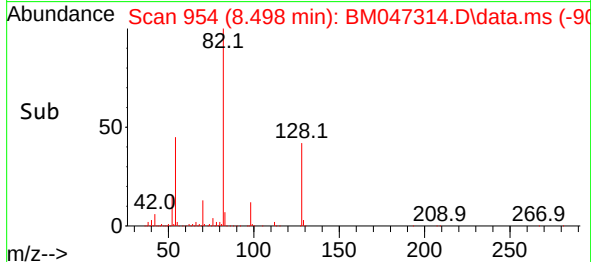
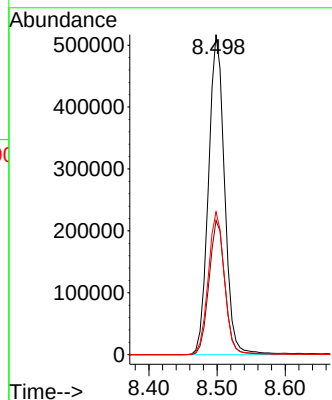
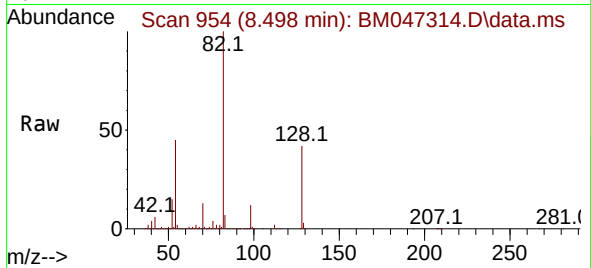




#23
Nitrobenzene-d5
Concen: 44.927 ng
RT: 8.498 min Scan# 91
Delta R.T. -0.024 min
Lab File: BM047314.D
Acq: 22 Aug 2024 13:11

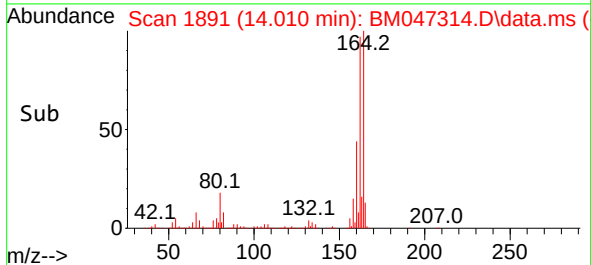
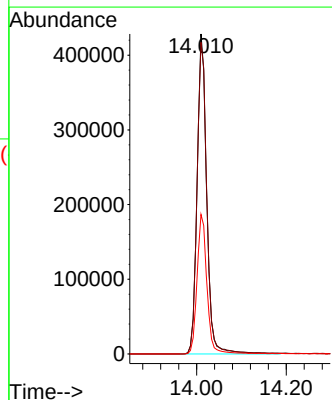
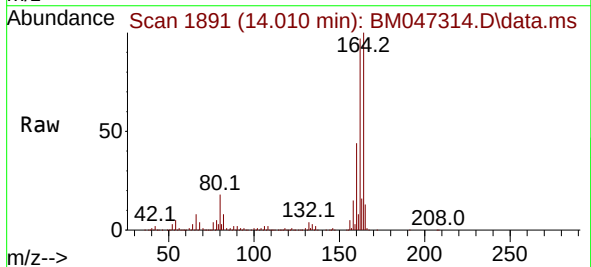
Instrument :
BNA_M
ClientSampleId :
S-912-J-SO-0.5-1-081924

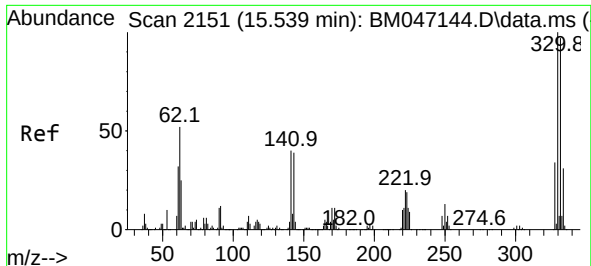
Tgt Ion: 82 Resp: 848596
Ion Ratio Lower Upper
82 100
128 41.9 32.3 48.5
54 44.7 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.024 min
Lab File: BM047314.D
Acq: 22 Aug 2024 13:11

Tgt Ion:164 Resp: 635439
Ion Ratio Lower Upper
164 100
162 97.4 80.7 121.1
160 43.6 36.0 54.0

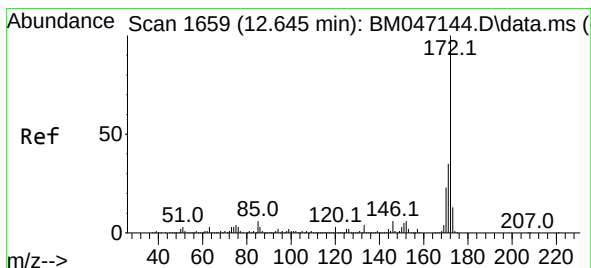
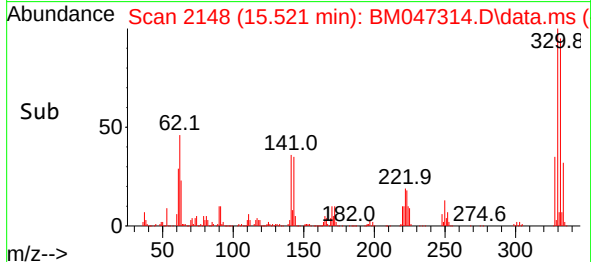
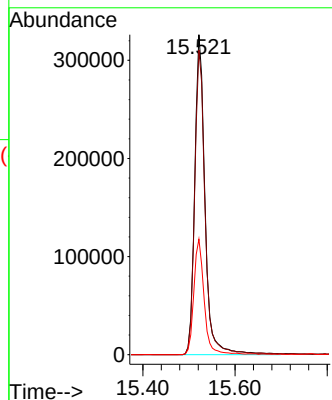
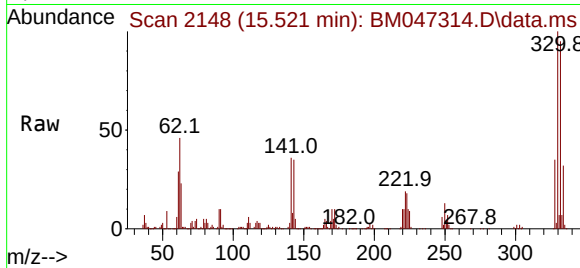




#42
2,4,6-Tribromophenol
Concen: 68.653 ng
RT: 15.521 min Scan# 2151
Delta R.T. -0.018 min
Lab File: BM047314.D
Acq: 22 Aug 2024 13:11

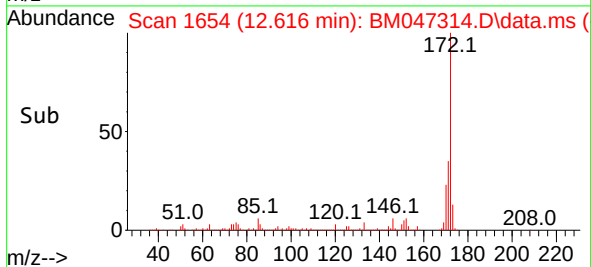
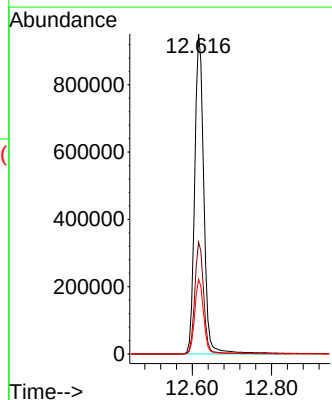
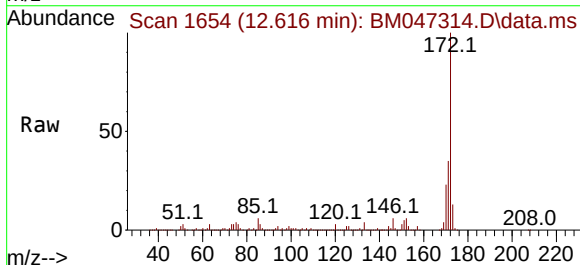
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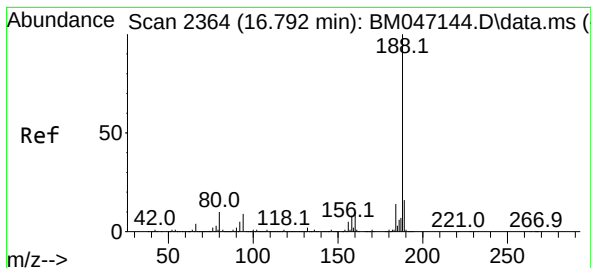
Tgt Ion:330 Resp: 505838
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.2
141 36.1 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 37.045 ng
RT: 12.616 min Scan# 1654
Delta R.T. -0.029 min
Lab File: BM047314.D
Acq: 22 Aug 2024 13:11

Tgt Ion:172 Resp: 1526056
Ion Ratio Lower Upper
172 100
171 35.0 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: BM047314.D

Acq: 22 Aug 2024 13:11

Instrument :

BNA_M

ClientSampleId :

S-912-J-SO-0.5-1-081924

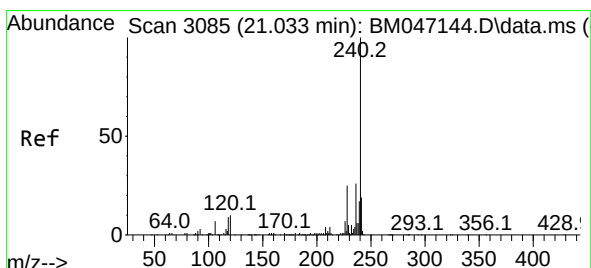
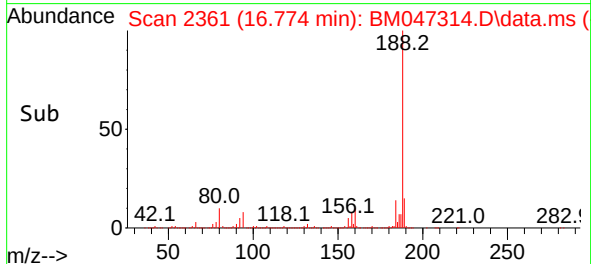
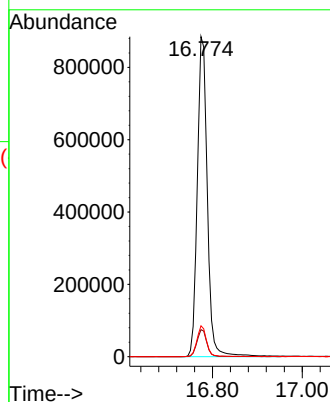
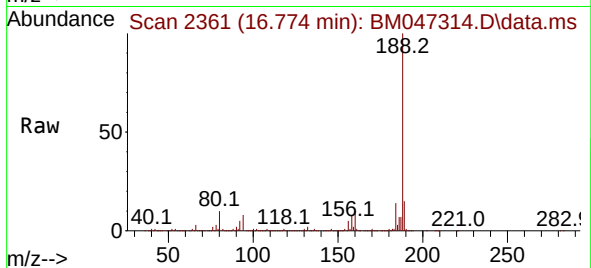
Tgt Ion:188 Resp: 1371332

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

80 9.7 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: BM047314.D

Acq: 22 Aug 2024 13:11

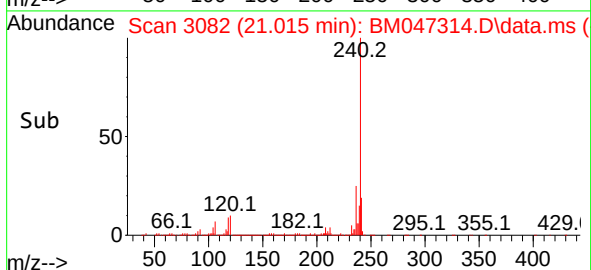
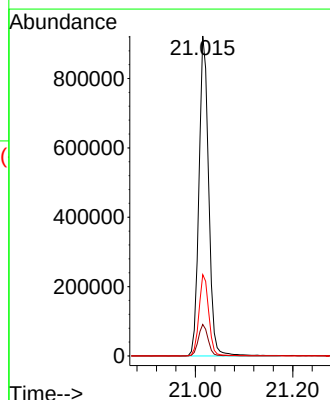
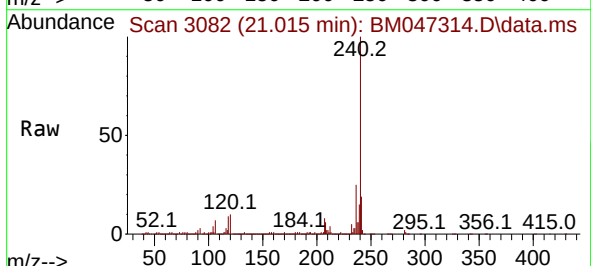
Tgt Ion:240 Resp: 1283725

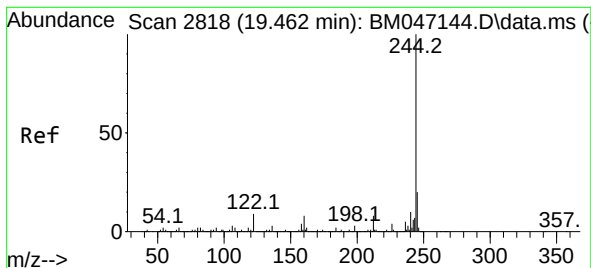
Ion Ratio Lower Upper

240 100

120 9.9 8.2 12.2

236 25.4 20.6 30.8





#79

Terphenyl-d14

Concen: 34.749 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047314.D

Acq: 22 Aug 2024 13:11

Instrument :

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ClientSampleId :

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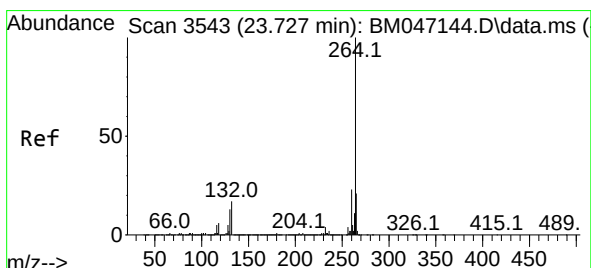
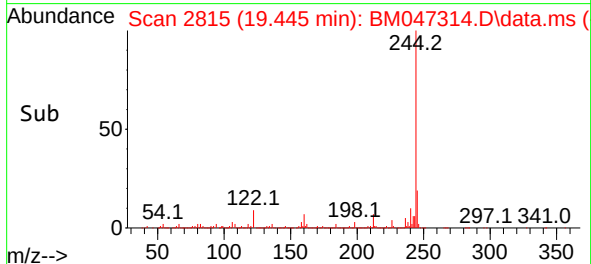
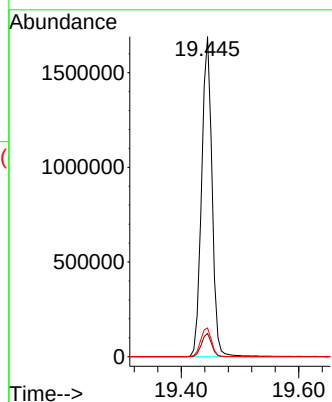
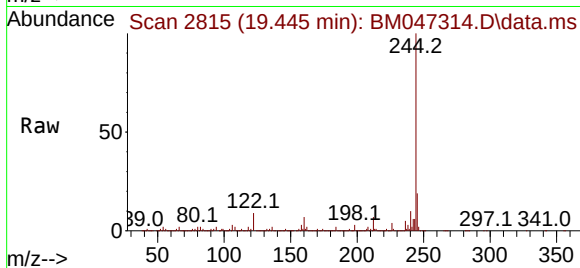
Tgt Ion:244 Resp: 2081809

Ion Ratio Lower Upper

244 100

212 7.3 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: BM047314.D

Acq: 22 Aug 2024 13:11

Tgt Ion:264 Resp: 1313198

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 22.5 17.3 25.9

