

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
 Data File : BM047321.D
 Acq On : 22 Aug 2024 17:50
 Operator : RC/JU
 Sample : P3671-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-911-KI-SO-0.5-1-081924

Quant Time: Aug 22 18:30:03 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)

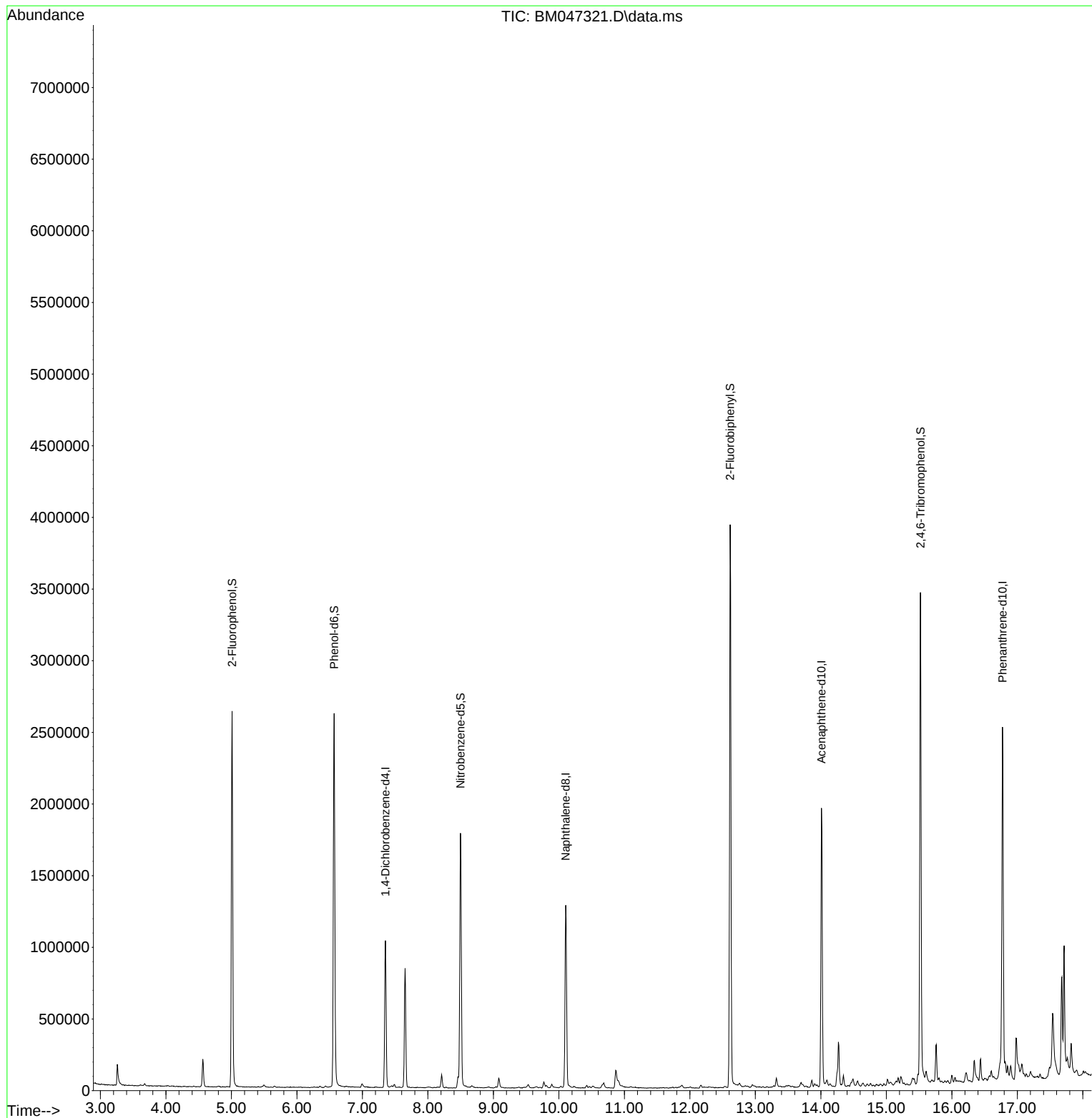
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	278538	20.000	ng	-0.02
21) Naphthalene-d8	10.104	136	1071089	20.000	ng	-0.03
39) Acenaphthene-d10	14.010	164	711312	20.000	ng	-0.02
64) Phenanthrene-d10	16.774	188	1465594	20.000	ng	-0.02
76) Chrysene-d12	21.015	240	1283781	20.000	ng	-0.02
86) Perylene-d12	23.709	264	1217788	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1137184	72.951	ng	-0.01
7) Phenol-d6	6.569	99	1559947	72.626	ng	-0.02
23) Nitrobenzene-d5	8.498	82	1041041	48.941	ng	-0.02
42) 2,4,6-Tribromophenol	15.521	330	665250	80.658	ng	-0.02
45) 2-Fluorobiphenyl	12.616	172	2131203	46.217	ng	-0.03
79) Terphenyl-d14	19.445	244	2953944	49.304	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.522	77	741	Below Cal	Qvalue #	57

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

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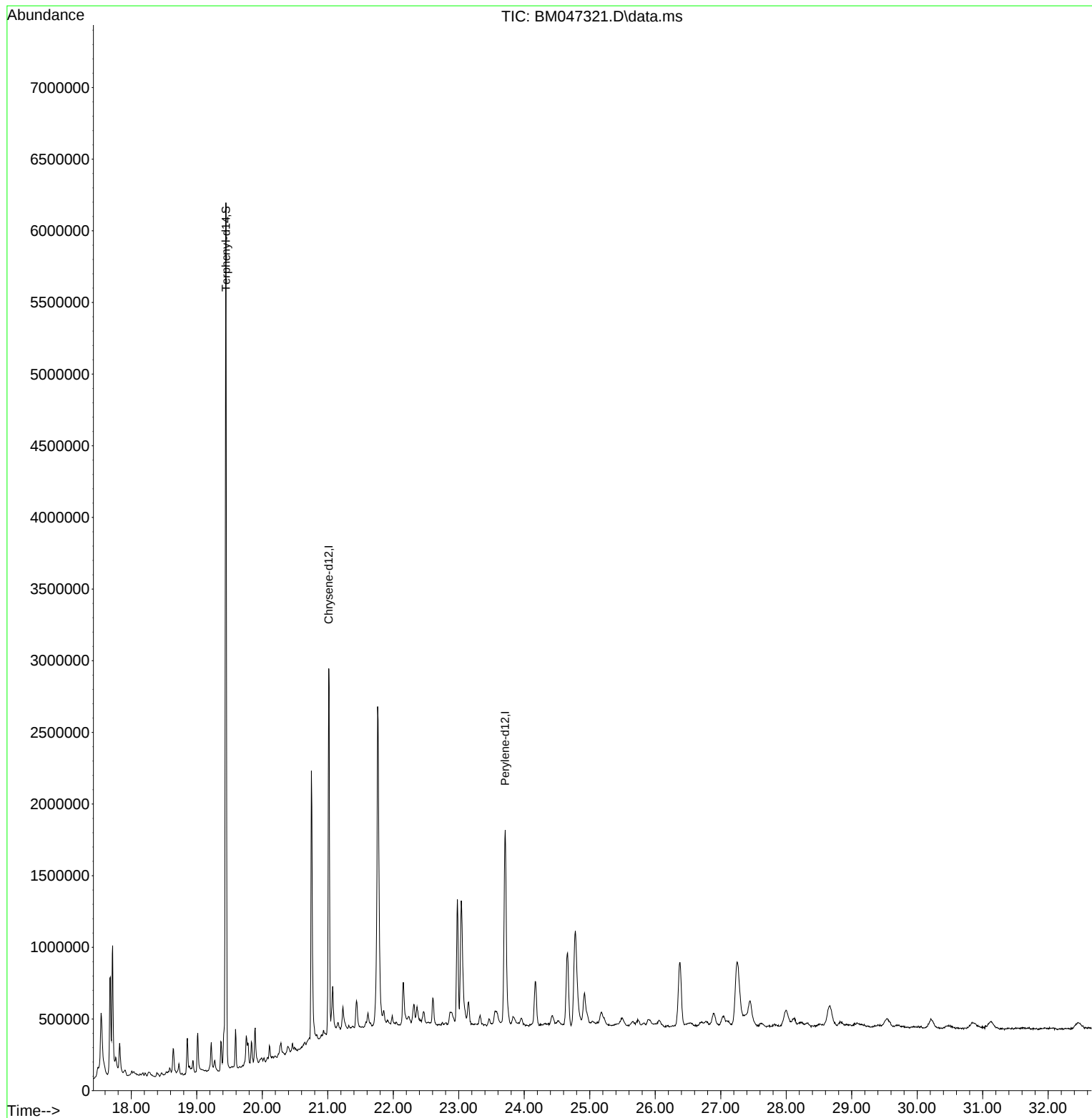
Quant Time: Aug 22 18:30:03 2024
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QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

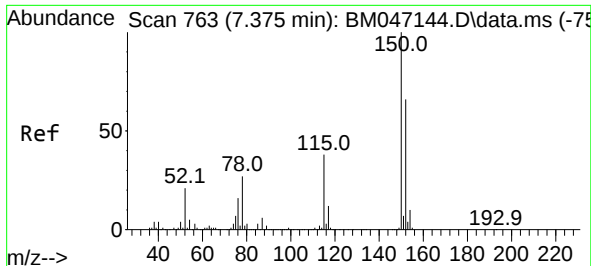


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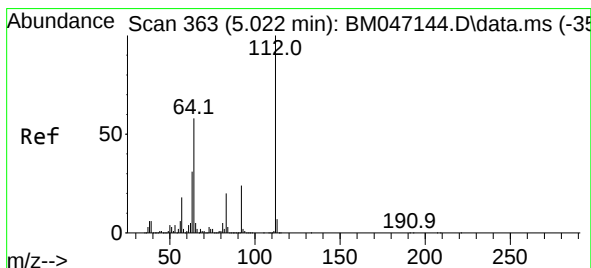
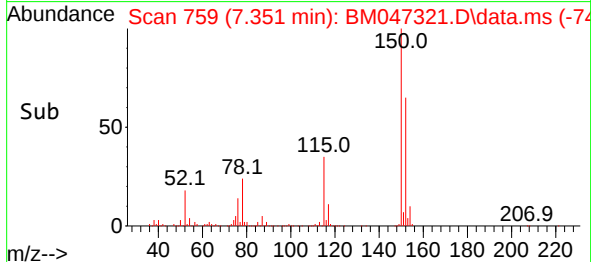
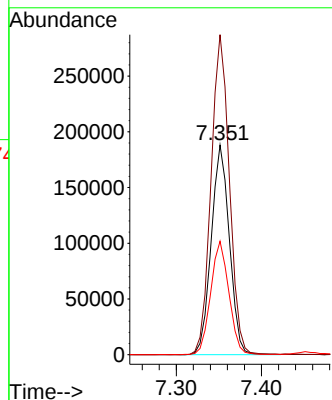
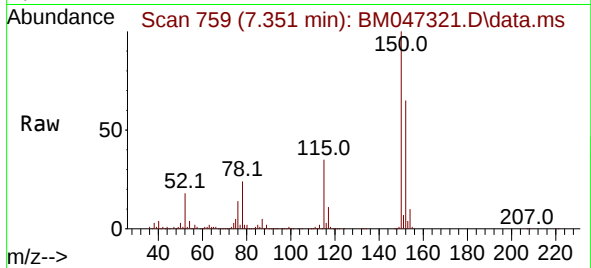




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 71
Delta R.T. -0.024 min
Lab File: BM047321.D
Acq: 22 Aug 2024 17:50

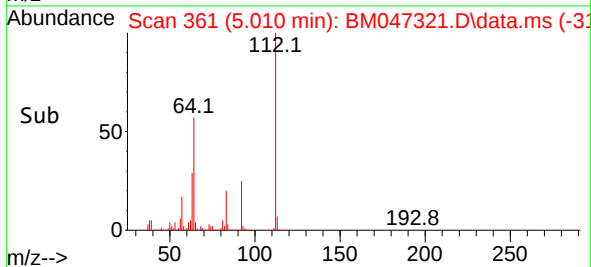
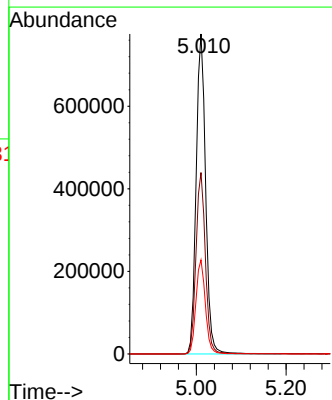
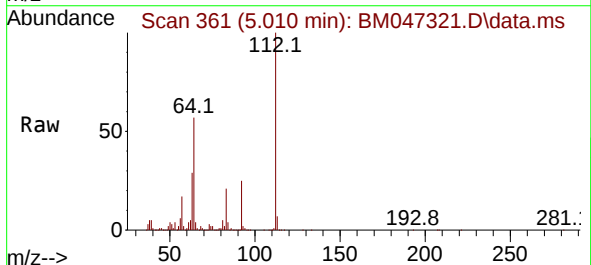
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 278538
Ion Ratio Lower Upper
152 100
150 152.7 120.5 180.7
115 54.1 45.5 68.3



#5
2-Fluorophenol
Concen: 72.951 ng
RT: 5.010 min Scan# 361
Delta R.T. -0.012 min
Lab File: BM047321.D
Acq: 22 Aug 2024 17:50

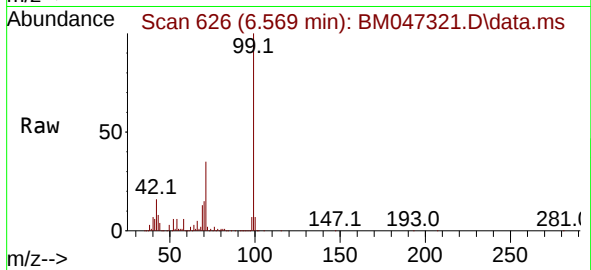
Tgt Ion:112 Resp: 1137184
Ion Ratio Lower Upper
112 100
64 56.7 46.7 70.1
63 29.4 24.8 37.2





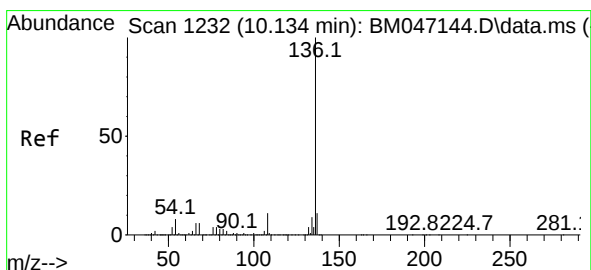
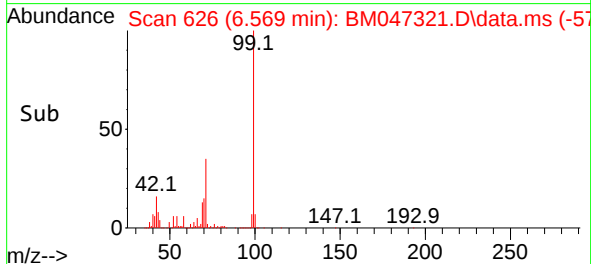
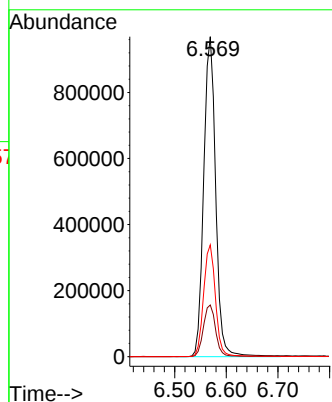
#7
Phenol-d6
Concen: 72.626 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM047321.D
Acq: 22 Aug 2024 17:50

Instrument :
BNA_M
ClientSampleId :
S-911-KI-SO-0.5-1-081924



Tgt Ion: 99 Resp: 1559947

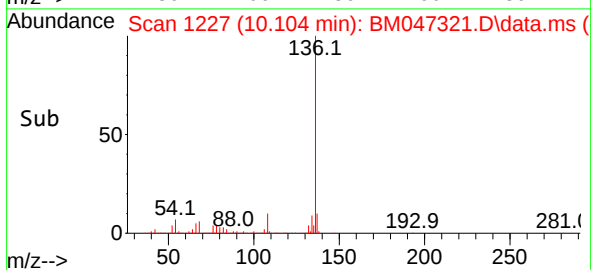
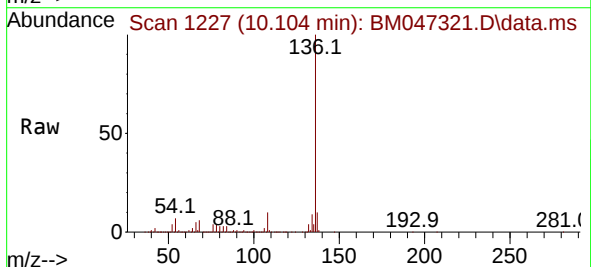
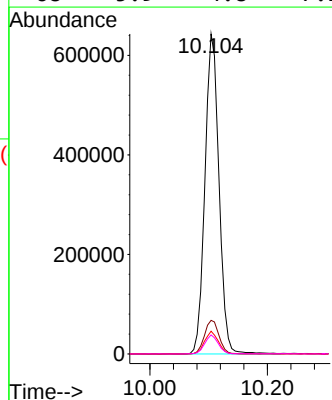
Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.1	21.1
71	34.9	28.5	42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. -0.030 min
Lab File: BM047321.D
Acq: 22 Aug 2024 17:50

Tgt Ion: 136 Resp: 1071089

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.1	6.0	9.0
68	5.9	4.8	7.2

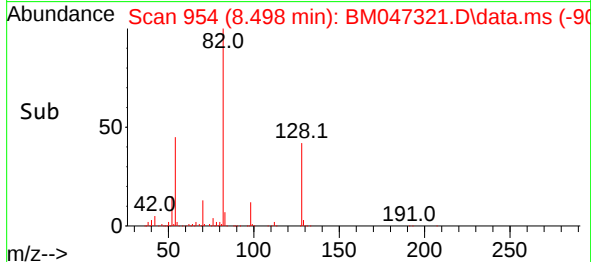
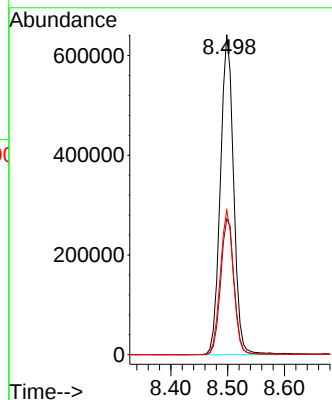
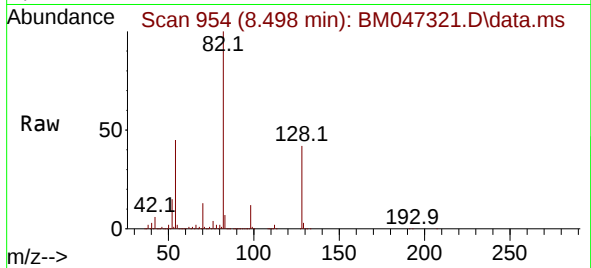




#23
Nitrobenzene-d5
Concen: 48.941 ng
RT: 8.498 min Scan# 91
Delta R.T. -0.024 min
Lab File: BM047321.D
Acq: 22 Aug 2024 17:50

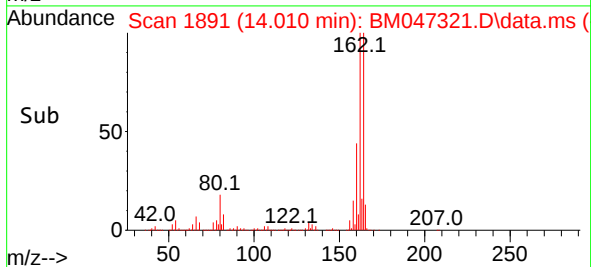
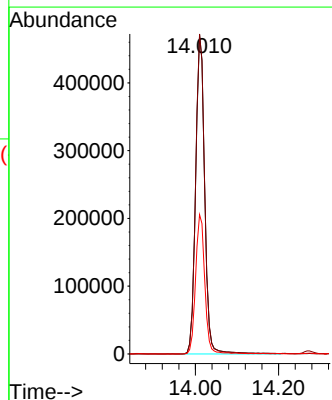
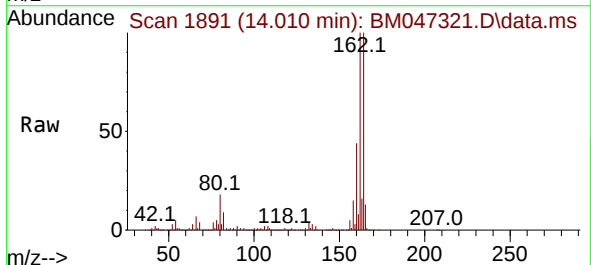
Instrument :
BNA_M
ClientSampleId :
S-911-KI-SO-0.5-1-081924

Tgt Ion: 82 Resp: 1041041
Ion Ratio Lower Upper
82 100
128 42.4 32.3 48.5
54 45.2 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: BM047321.D
Acq: 22 Aug 2024 17:50

Tgt Ion:164 Resp: 711312
Ion Ratio Lower Upper
164 100
162 100.2 80.7 121.1
160 43.7 36.0 54.0

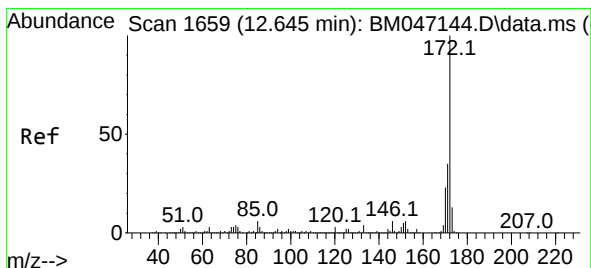
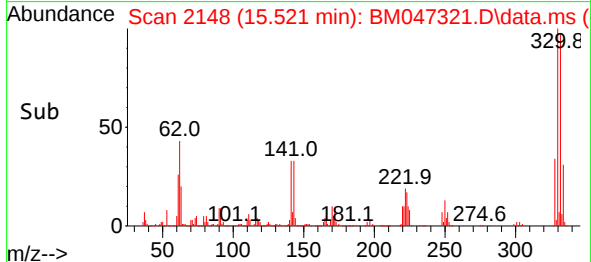
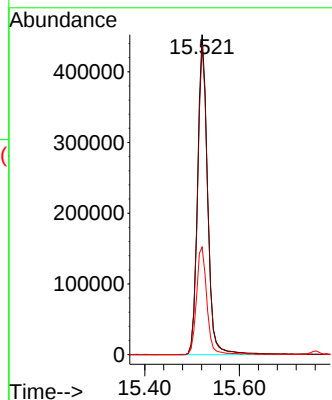
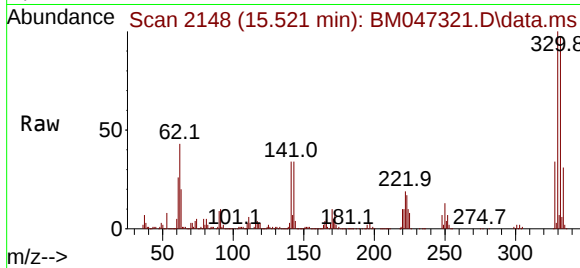




#42
2,4,6-Tribromophenol
Concen: 80.658 ng
RT: 15.521 min Scan# 2151
Delta R.T. -0.018 min
Lab File: BM047321.D
Acq: 22 Aug 2024 17:50

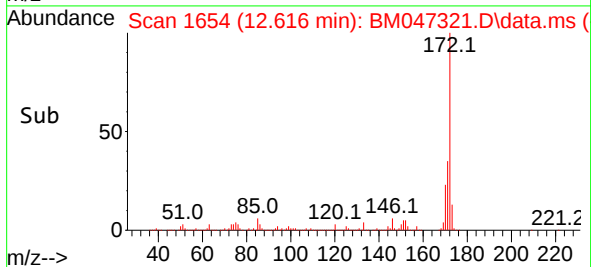
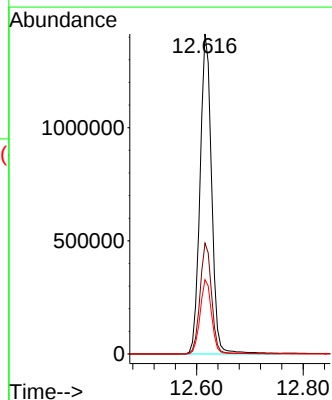
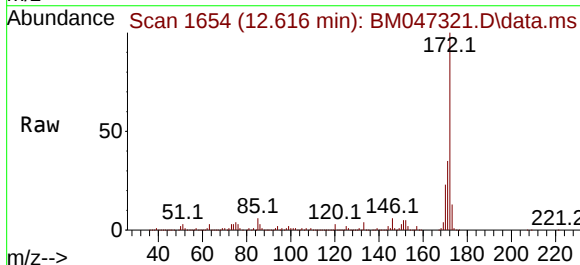
Instrument :
BNA_M
ClientSampleId :
S-911-KI-SO-0.5-1-081924

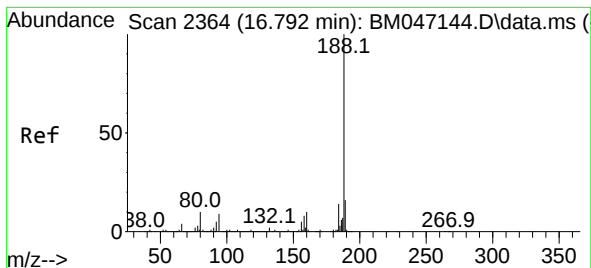
Tgt Ion:330 Resp: 665250
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.2
141 34.6 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 46.217 ng
RT: 12.616 min Scan# 1654
Delta R.T. -0.029 min
Lab File: BM047321.D
Acq: 22 Aug 2024 17:50

Tgt Ion:172 Resp: 2131203
Ion Ratio Lower Upper
172 100
171 34.6 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: BM047321.D

Acq: 22 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :

S-911-KI-SO-0.5-1-081924

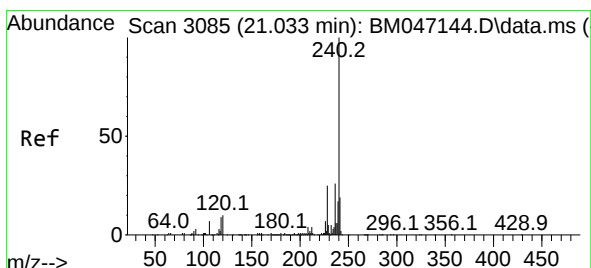
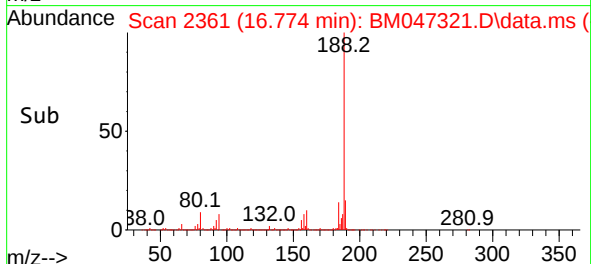
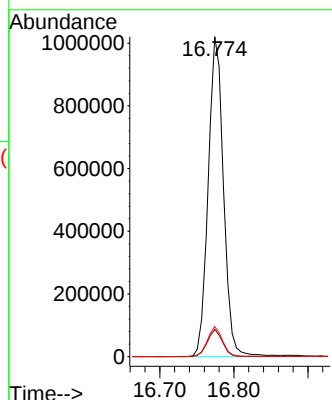
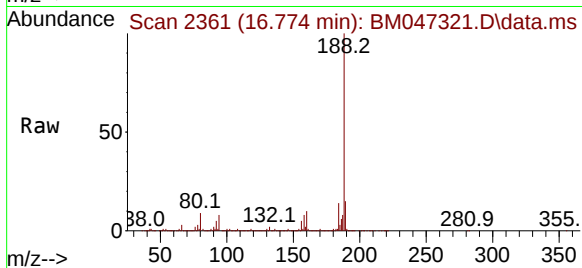
Tgt Ion:188 Resp: 1465594

Ion Ratio Lower Upper

188 100

94 8.5 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: BM047321.D

Acq: 22 Aug 2024 17:50

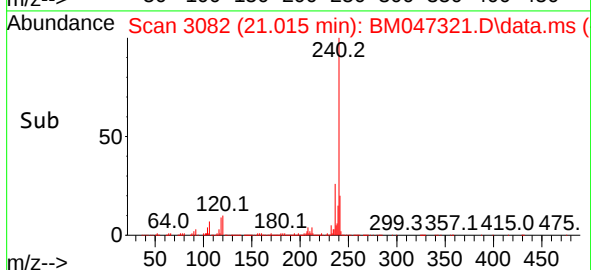
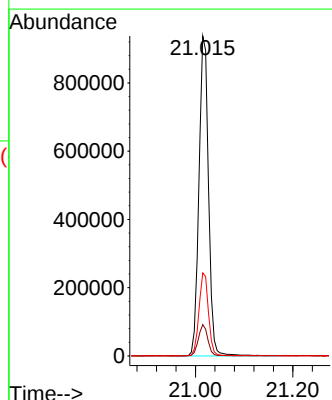
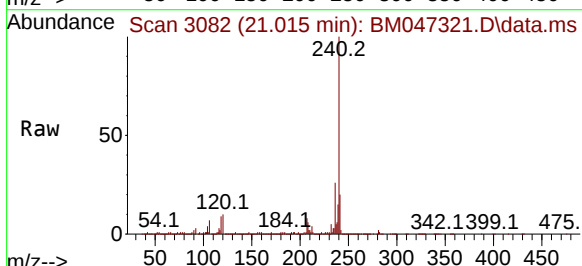
Tgt Ion:240 Resp: 1283781

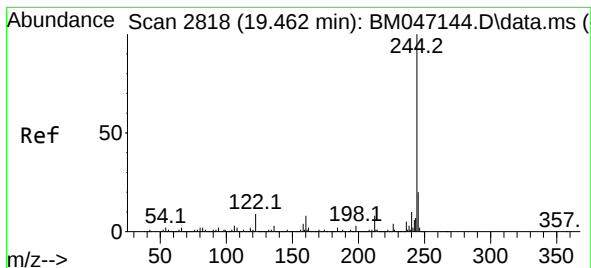
Ion Ratio Lower Upper

240 100

120 9.8 8.2 12.2

236 25.9 20.6 30.8





#79

Terphenyl-d14

Concen: 49.304 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047321.D

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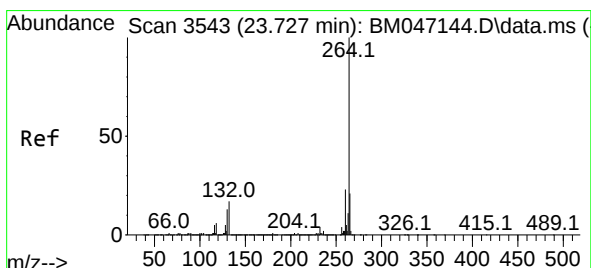
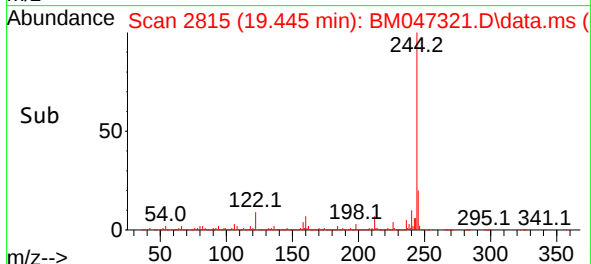
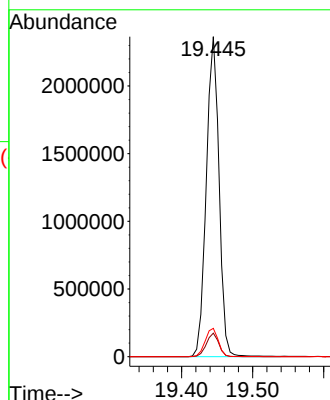
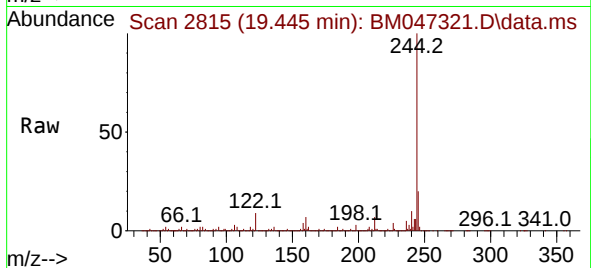
Tgt Ion:244 Resp: 2953944

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

122 8.8 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: BM047321.D

Acq: 22 Aug 2024 17:50

Tgt Ion:264 Resp: 1217788

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 22.3 17.3 25.9

