

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
 Data File : BM047306.D
 Acq On : 21 Aug 2024 20:24
 Operator : RC/JU
 Sample : P3669-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20430

Quant Time: Aug 22 02:38:05 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)

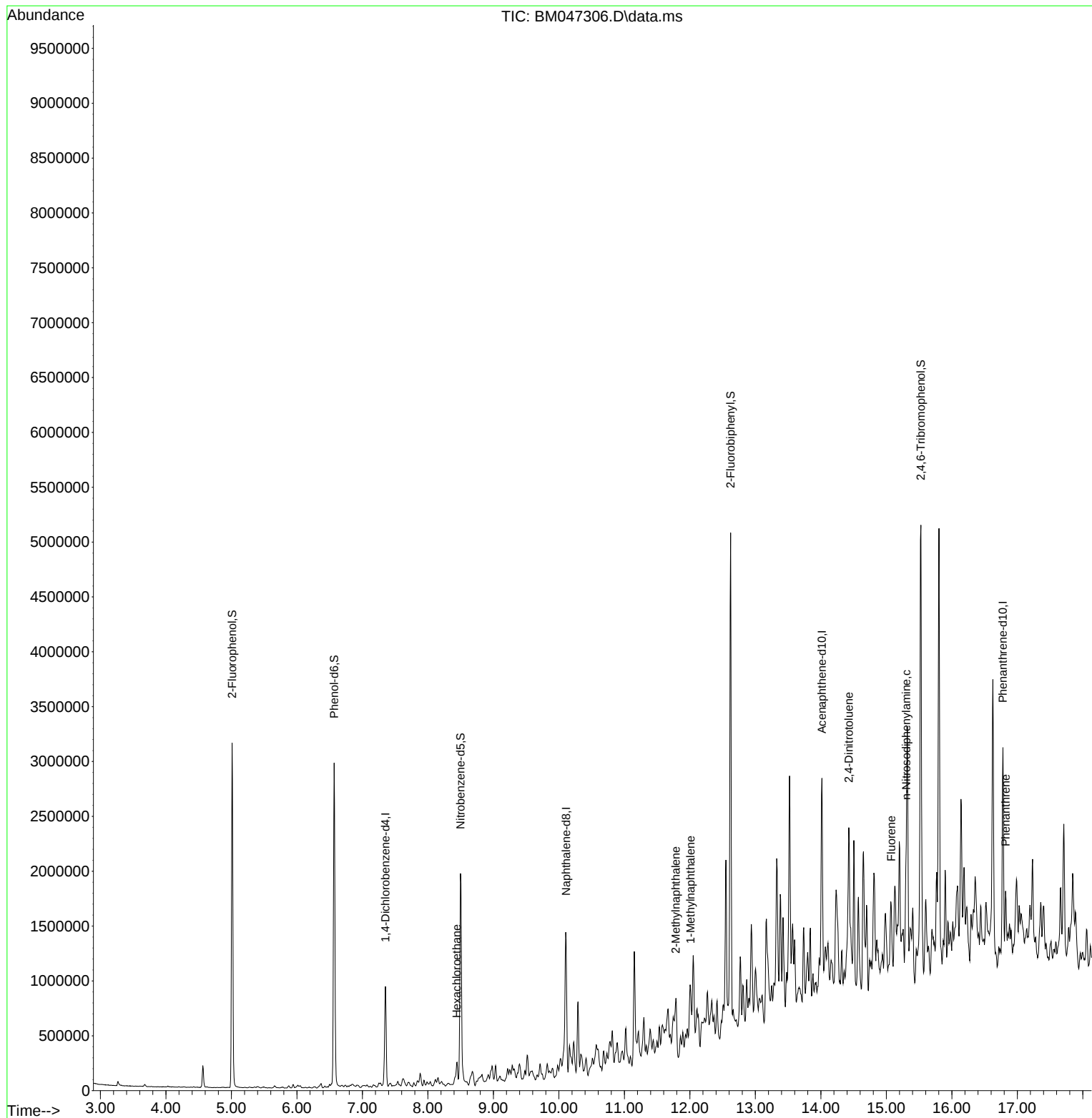
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	242108	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	884752	20.000	ng	-0.02
39) Acenaphthene-d10	14.015	164	553674	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1142163	20.000	ng	-0.01
76) Chrysene-d12	21.015	240	999648	20.000	ng	-0.02
86) Perylene-d12	23.709	264	1048013	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1340190	98.911	ng	-0.01
7) Phenol-d6	6.569	99	1726389	92.468	ng	-0.02
23) Nitrobenzene-d5	8.498	82	1111167	63.239	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	715644	111.472	ng	-0.01
45) 2-Fluorobiphenyl	12.621	172	2466795	68.725	ng	-0.02
79) Terphenyl-d14	19.444	244	3686192	79.014	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.516	77	1235	Below Cal	Qvalue # 73	
18) Hexachloroethane	8.439	117	17356	2.520 ng	# 1	
37) 2-Methylnaphthalene	11.786	142	108368	3.453 ng	# 96	
38) 1-Methylnaphthalene	12.010	142	219139	7.066 ng	# 99	
57) 2,4-Dinitrotoluene	14.427	165	38354	3.179 ng	# 60	
58) Fluorene	15.074	166	98782	2.631 ng	# 80	
66) n-Nitrosodiphenylamine	15.304	169	268421	8.628 ng	# 40	
71) Phenanthrene	16.821	178	279579	4.877 ng	# 93	
78) Pyrene	19.221	202	234886	3.291 ng	# 97	
84) Bis(2-ethylhexyl)phtha...	20.956	149	203594	4.928 ng	# 98	

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

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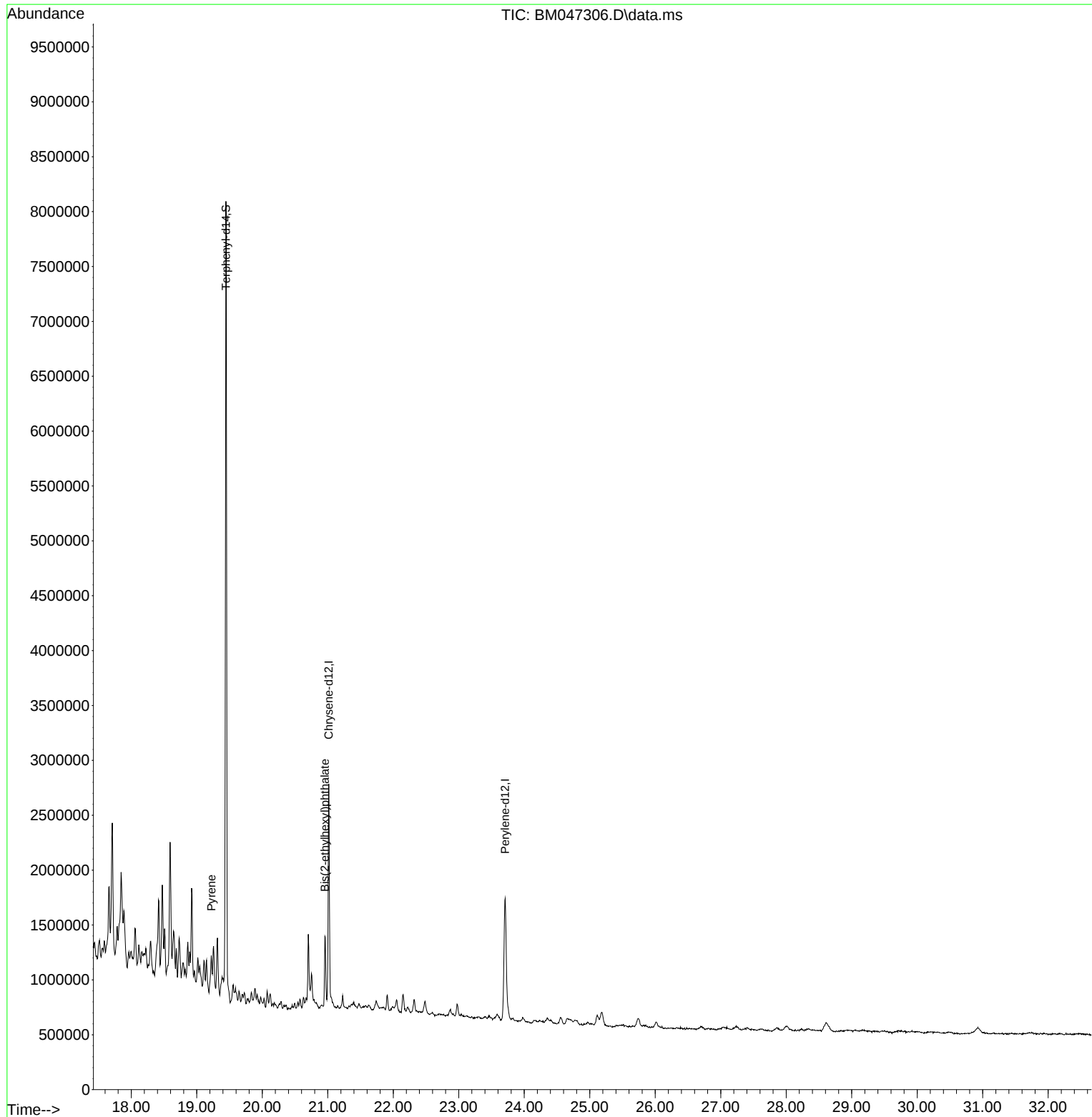
Quant Time: Aug 22 02:38:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
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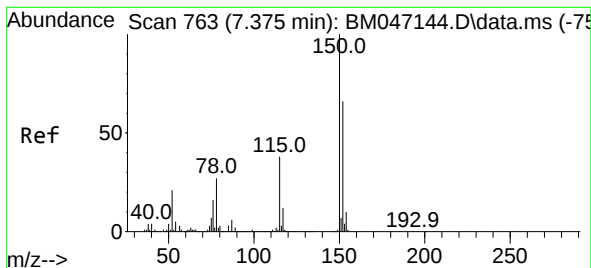


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
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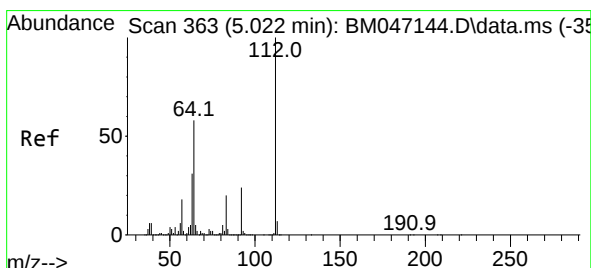
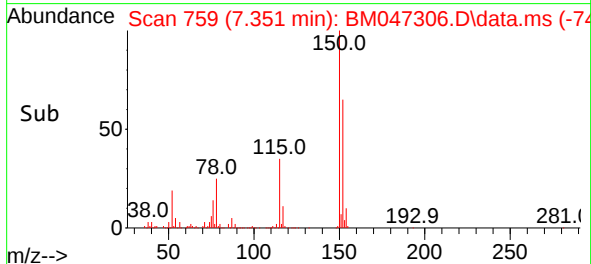
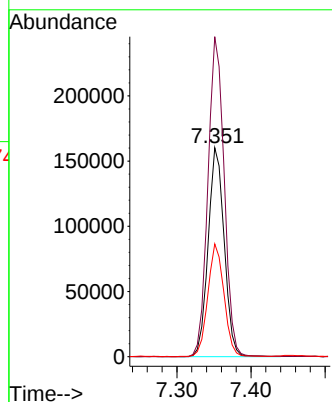
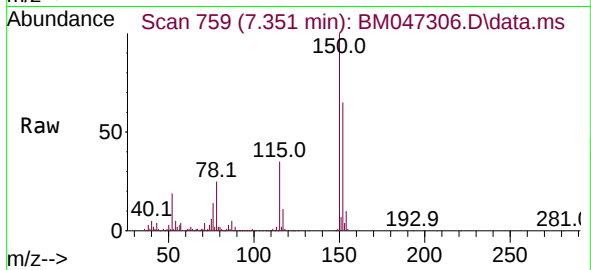




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 763
Delta R.T. -0.024 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24

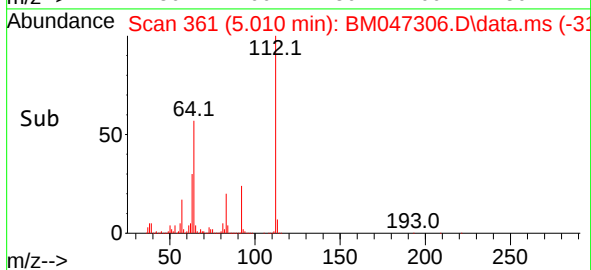
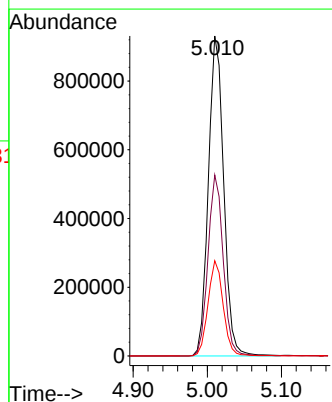
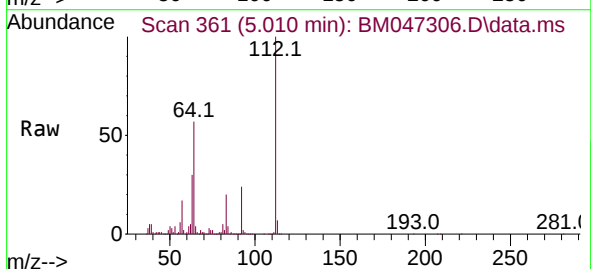
Instrument :
BNA_M
ClientSampleId :
20430

Tgt Ion:152 Resp: 242108
Ion Ratio Lower Upper
152 100
150 153.1 120.5 180.7
115 54.0 45.5 68.3



#5
2-Fluorophenol
Concen: 98.911 ng
RT: 5.010 min Scan# 361
Delta R.T. -0.012 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24

Tgt Ion:112 Resp: 1340190
Ion Ratio Lower Upper
112 100
64 56.6 46.7 70.1
63 29.7 24.8 37.2

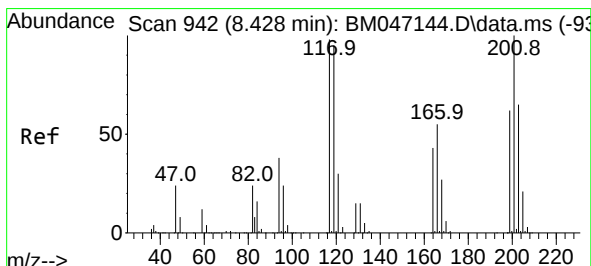
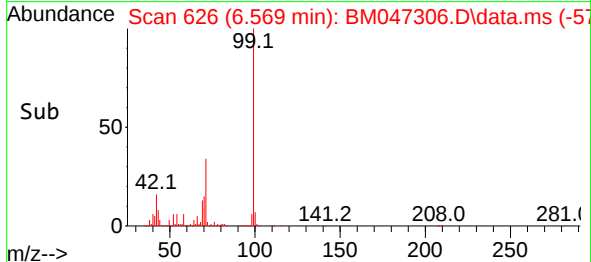
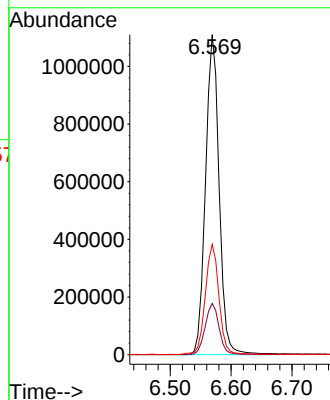
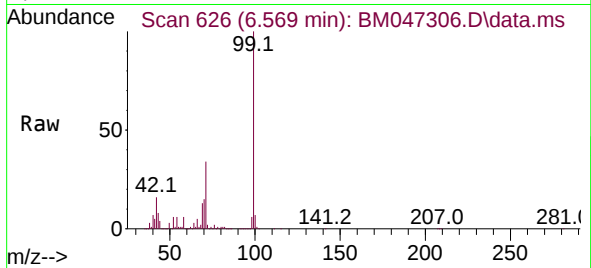




#7
Phenol-d6
Concen: 92.468 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24

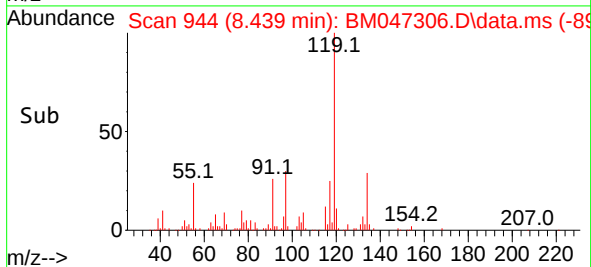
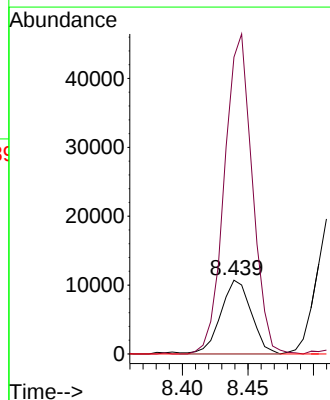
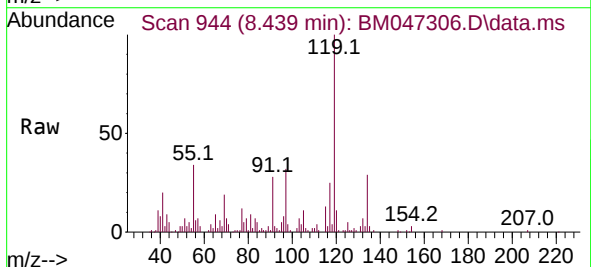
Instrument :
BNA_M
ClientSampleId :
20430

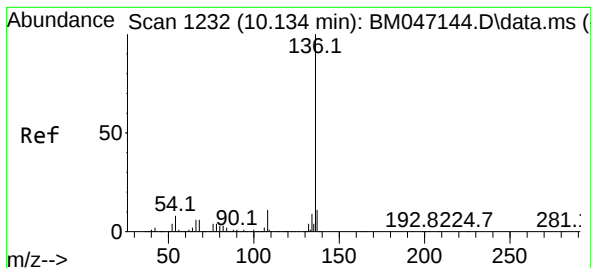
Tgt Ion: 99 Resp: 1726389
Ion Ratio Lower Upper
99 100
42 16.0 14.1 21.1
71 34.5 28.5 42.7



#18
Hexachloroethane
Concen: 2.520 ng
RT: 8.439 min Scan# 944
Delta R.T. 0.011 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24

Tgt Ion: 117 Resp: 17356
Ion Ratio Lower Upper
117 100
119 402.6 77.0 115.4#
201 0.0 81.3 121.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.110 min Scan# 11

Delta R.T. -0.024 min

Lab File: BM047306.D

Acq: 21 Aug 2024 20:24

Instrument :

BNA_M

ClientSampleId :

20430

Tgt Ion:136 Resp: 884752

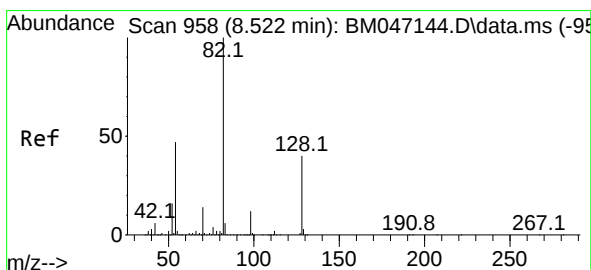
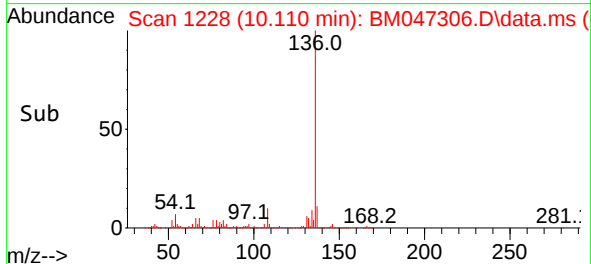
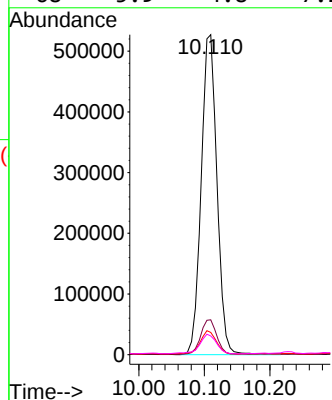
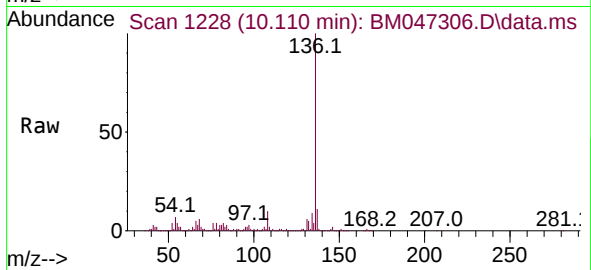
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.9 6.0 9.0

68 5.9 4.8 7.2



#23

Nitrobenzene-d5

Concen: 63.239 ng

RT: 8.498 min Scan# 954

Delta R.T. -0.024 min

Lab File: BM047306.D

Acq: 21 Aug 2024 20:24

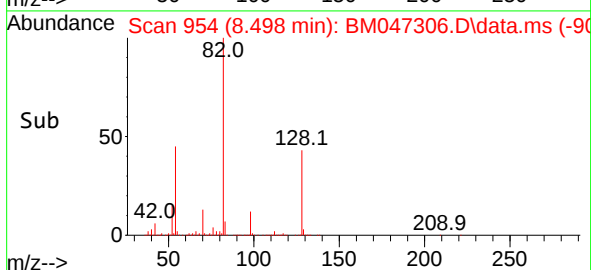
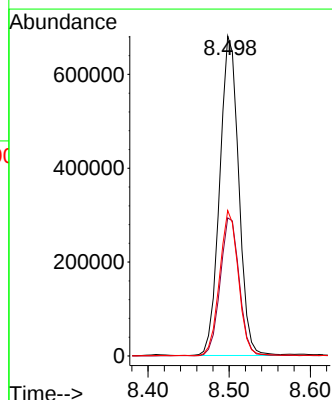
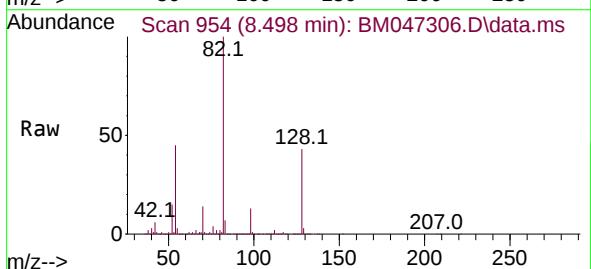
Tgt Ion: 82 Resp: 1111167

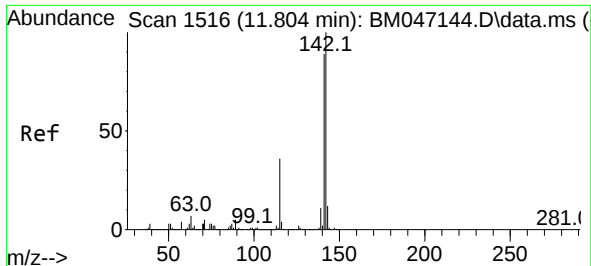
Ion Ratio Lower Upper

82 100

128 43.1 32.3 48.5

54 45.4 37.4 56.2





#37

2-Methylnaphthalene

Concen: 3.453 ng

RT: 11.786 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM047306.D

Acq: 21 Aug 2024 20:24

Instrument :

BNA_M

ClientSampleId :

20430

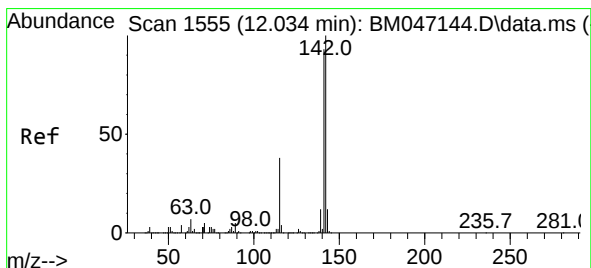
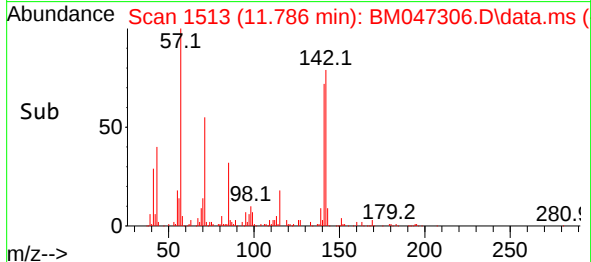
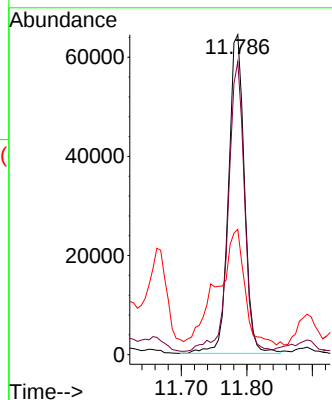
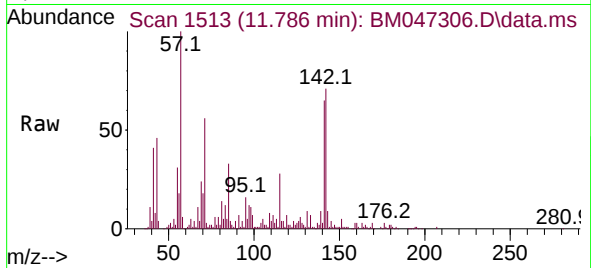
Tgt Ion:142 Resp: 108368

Ion Ratio Lower Upper

142 100

141 91.5 70.9 106.3

115 39.2 28.7 43.1



#38

1-Methylnaphthalene

Concen: 7.066 ng

RT: 12.010 min Scan# 1551

Delta R.T. -0.024 min

Lab File: BM047306.D

Acq: 21 Aug 2024 20:24

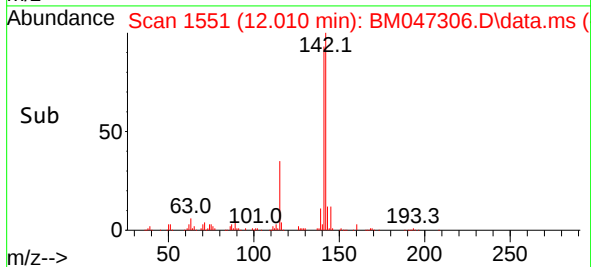
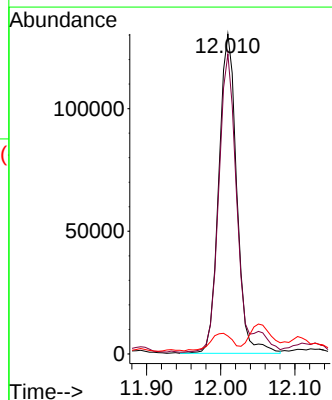
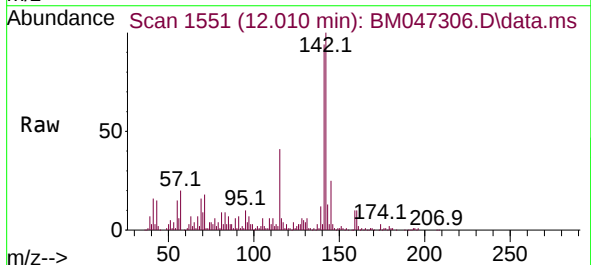
Tgt Ion:142 Resp: 219139

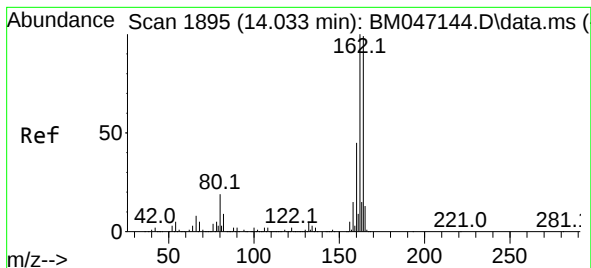
Ion Ratio Lower Upper

142 100

141 93.7 74.6 111.8

116 5.6 3.1 4.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.015 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM047306.D

Acq: 21 Aug 2024 20:24

Instrument :

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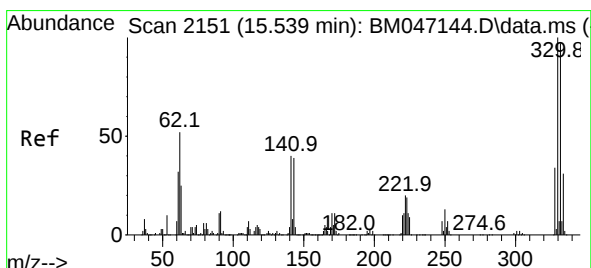
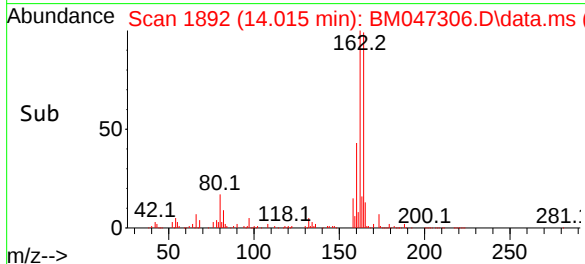
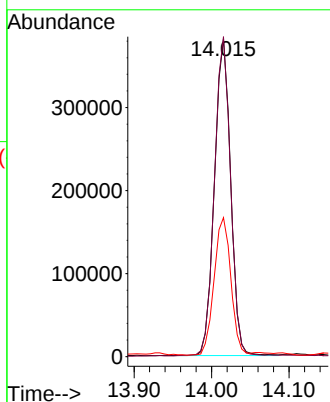
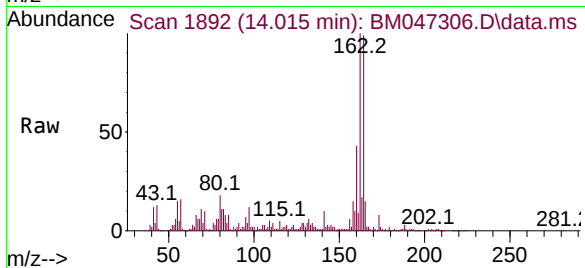
Tgt Ion:164 Resp: 553674

Ion Ratio Lower Upper

164 100

162 100.6 80.7 121.1

160 43.7 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 111.472 ng

RT: 15.527 min Scan# 2149

Delta R.T. -0.012 min

Lab File: BM047306.D

Acq: 21 Aug 2024 20:24

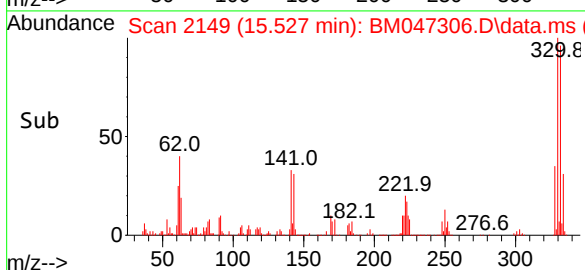
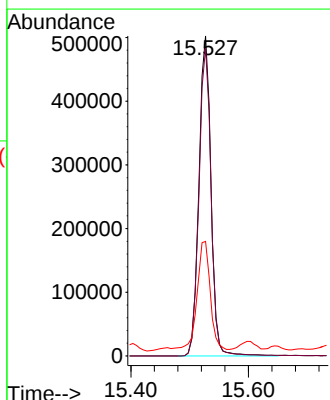
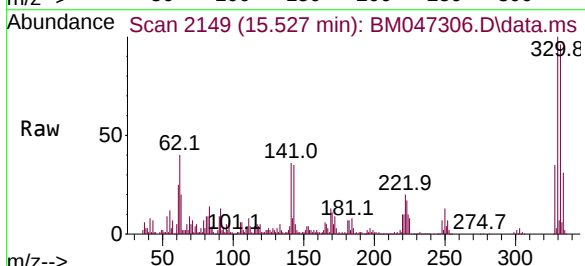
Tgt Ion:330 Resp: 715644

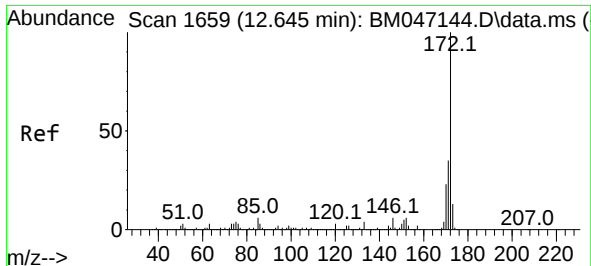
Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

141 36.4 31.6 47.4

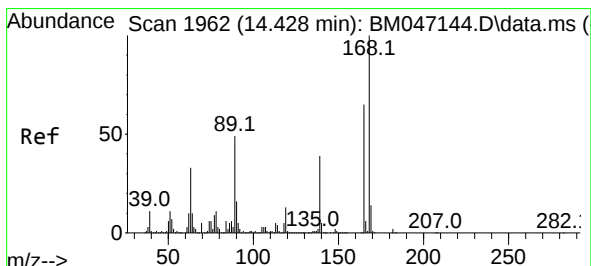
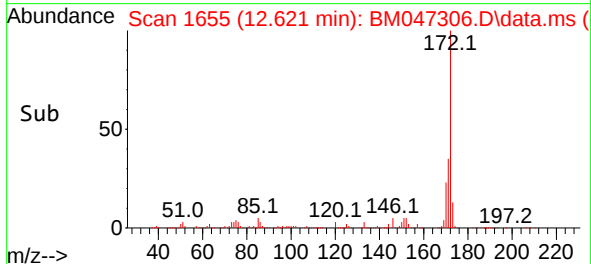
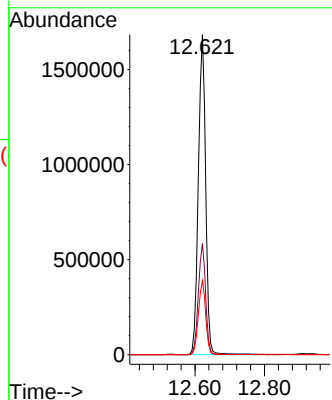
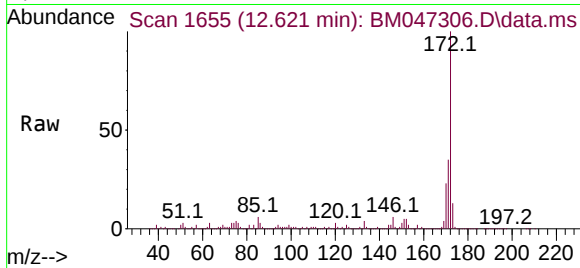




#45
2-Fluorobiphenyl
Concen: 68.725 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24

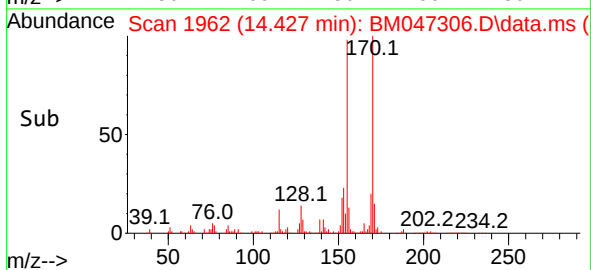
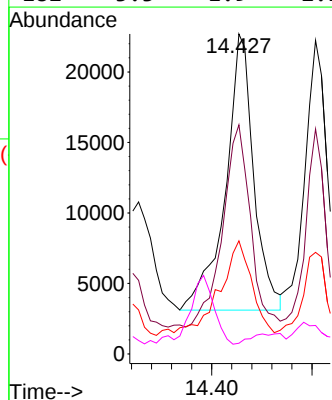
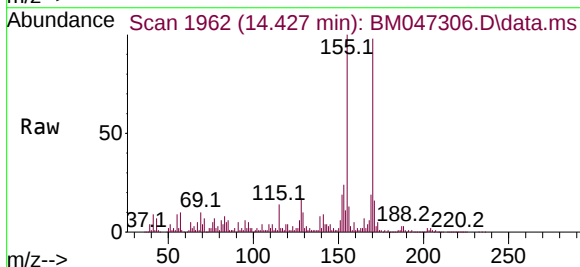
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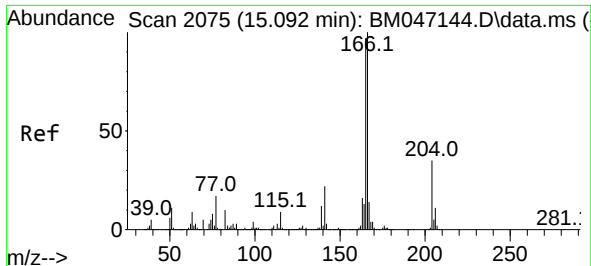
Tgt Ion:172 Resp: 2466795
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.2 18.7 28.1



#57
2,4-Dinitrotoluene
Concen: 3.179 ng
RT: 14.427 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24

Tgt Ion:165 Resp: 38354
Ion Ratio Lower Upper
165 100
63 71.6 40.3 60.5#
89 35.4 61.0 91.6#
182 3.3 1.9 2.9#

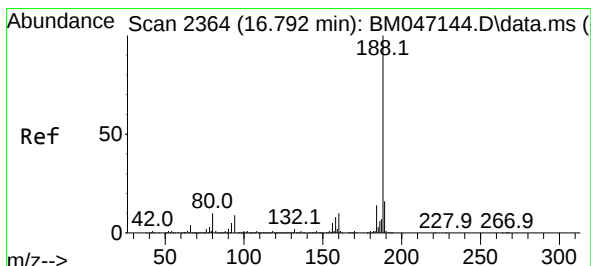
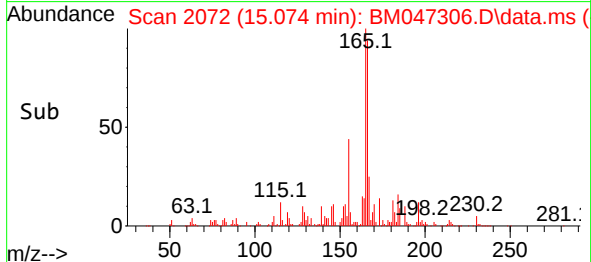
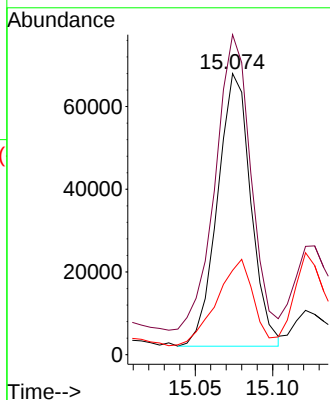
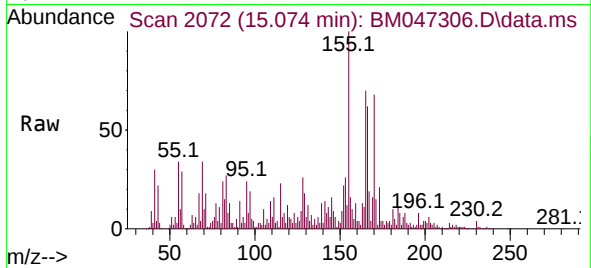




#58
Fluorene
Concen: 2.631 ng
RT: 15.074 min Scan# 2075
Delta R.T. -0.018 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24

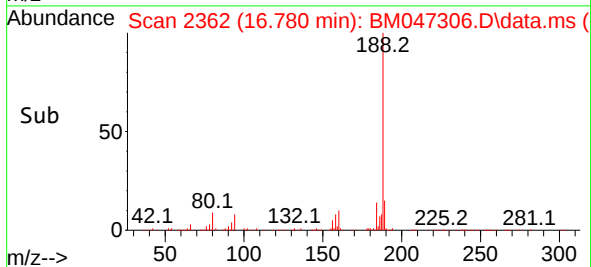
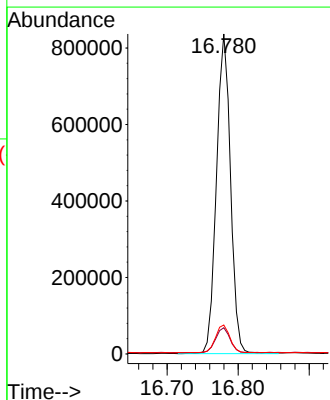
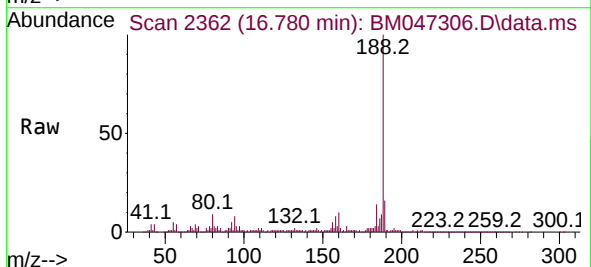
Instrument :
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20430

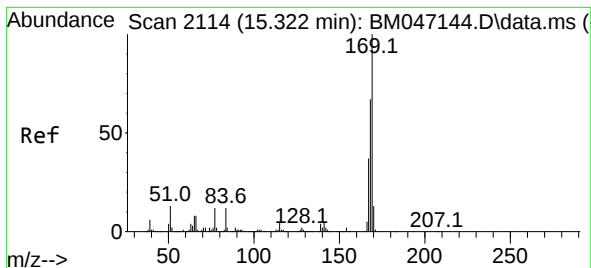
Tgt Ion:166 Resp: 98782
Ion Ratio Lower Upper
166 100
165 113.8 77.4 116.0
167 30.0 11.0 16.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 2362
Delta R.T. -0.012 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24

Tgt Ion:188 Resp: 1142163
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 9.1 8.0 12.0





#66

n-Nitrosodiphenylamine

Concen: 8.628 ng

RT: 15.304 min Scan# 2111

Delta R.T. -0.018 min

Lab File: BM047306.D

Acq: 21 Aug 2024 20:24

Instrument :

BNA_M

ClientSampleId :

20430

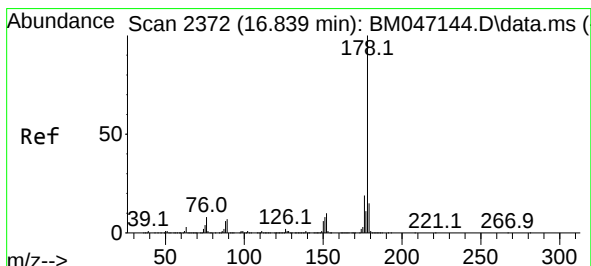
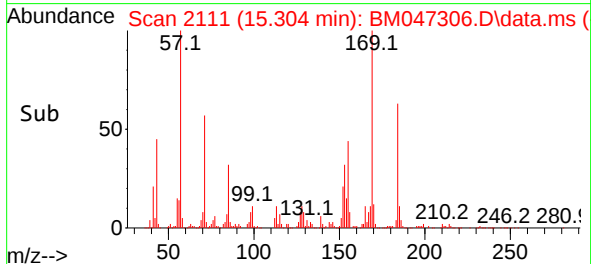
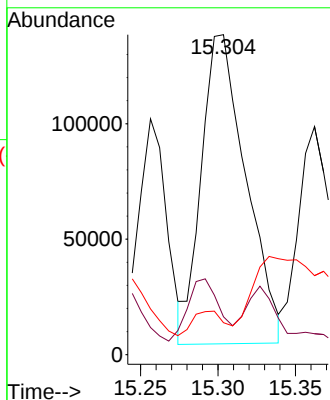
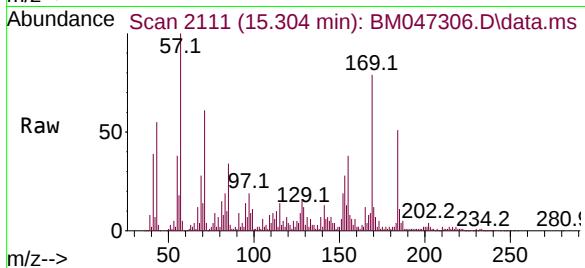
Tgt Ion:169 Resp: 268421

Ion Ratio Lower Upper

169 100

168 11.9 53.8 80.8#

167 10.0 29.3 43.9#



#71

Phenanthrene

Concen: 4.877 ng

RT: 16.821 min Scan# 2369

Delta R.T. -0.018 min

Lab File: BM047306.D

Acq: 21 Aug 2024 20:24

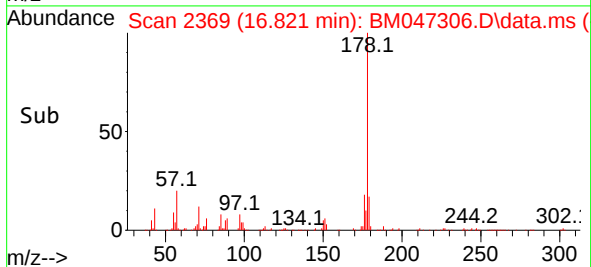
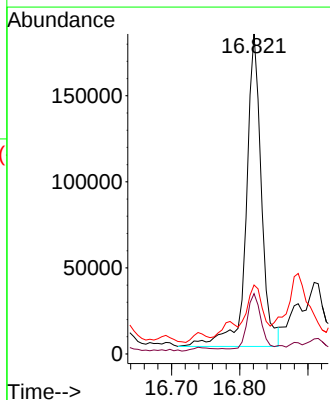
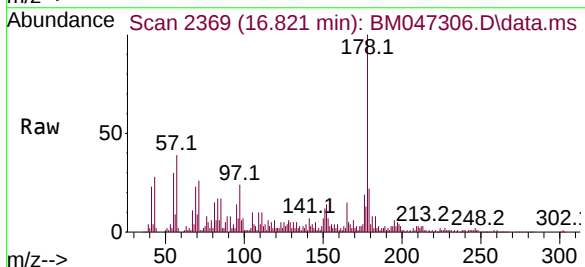
Tgt Ion:178 Resp: 279579

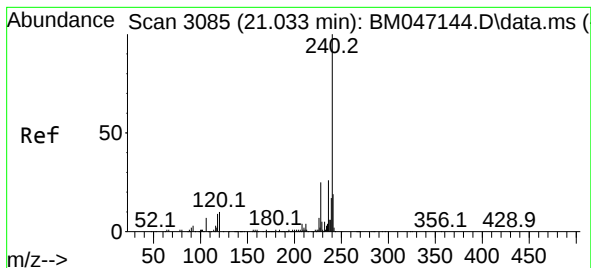
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 21.5 12.4 18.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.015 min Scan# 3082

Delta R.T. -0.018 min

Lab File: BM047306.D

Acq: 21 Aug 2024 20:24

Instrument :

BNA_M

ClientSampleId :

20430

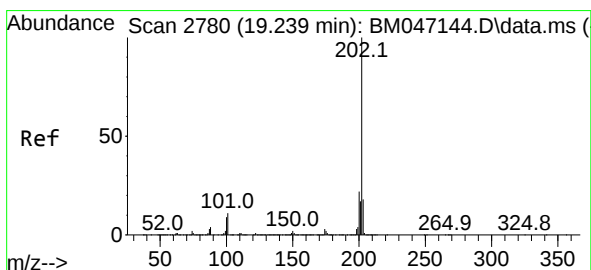
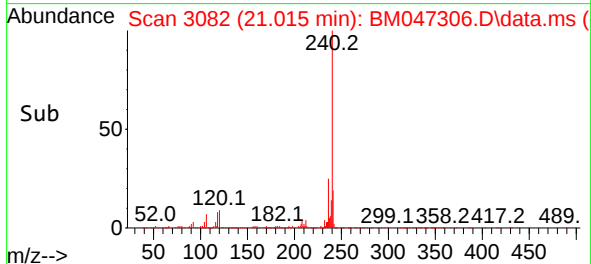
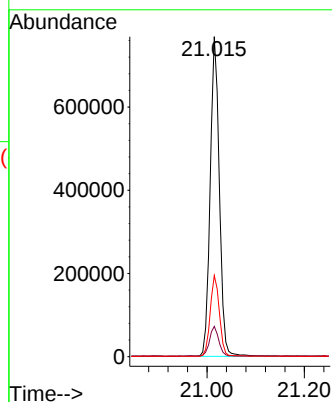
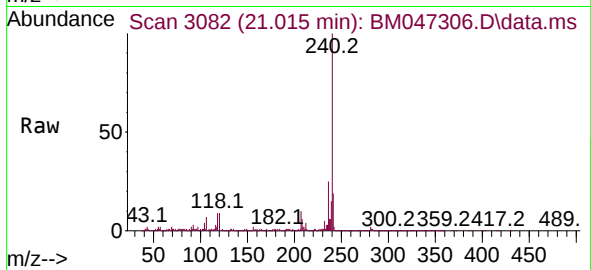
Tgt Ion:240 Resp: 999648

Ion Ratio Lower Upper

240 100

120 9.5 8.2 12.2

236 25.3 20.6 30.8



#78

Pyrene

Concen: 3.291 ng

RT: 19.221 min Scan# 2777

Delta R.T. -0.018 min

Lab File: BM047306.D

Acq: 21 Aug 2024 20:24

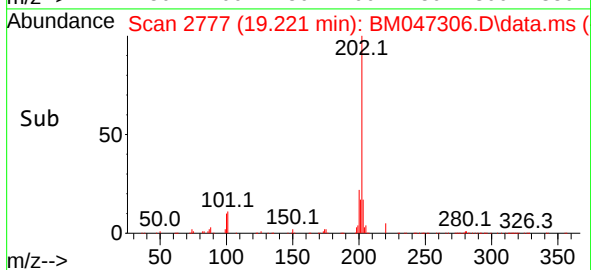
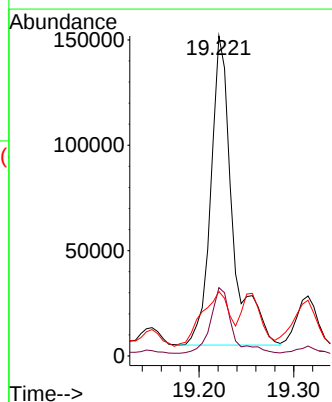
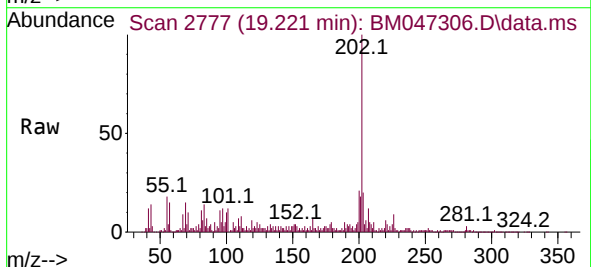
Tgt Ion:202 Resp: 234886

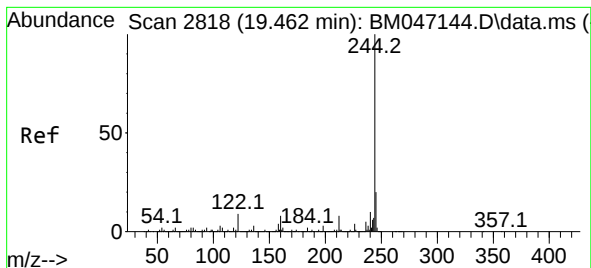
Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

203 20.2 14.2 21.2





#79

Terphenyl-d14

Concen: 79.014 ng

RT: 19.444 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047306.D

Acq: 21 Aug 2024 20:24

Instrument :

BNA_M

ClientSampleId :

20430

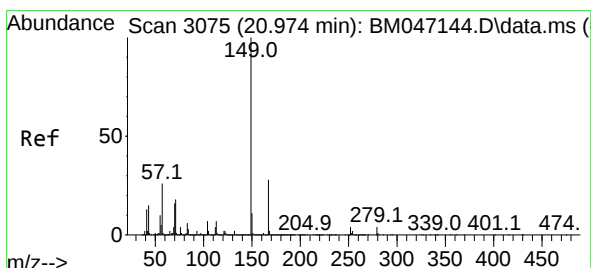
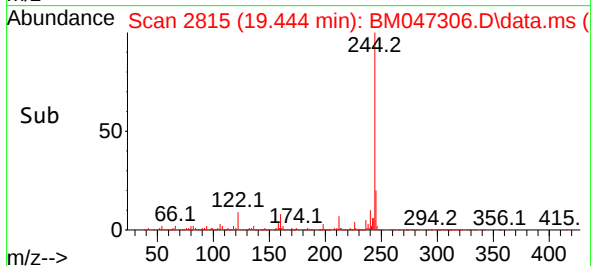
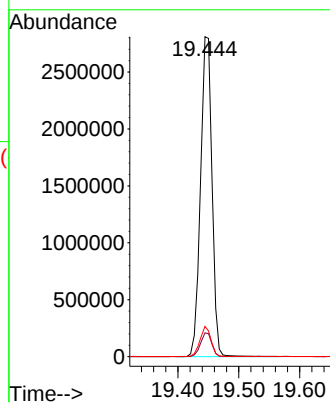
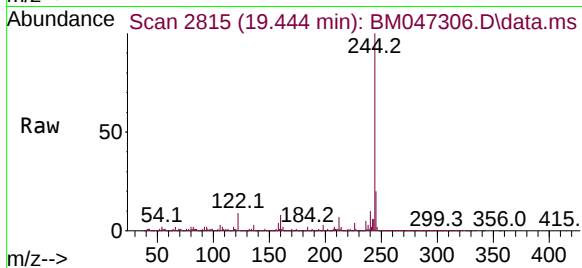
Tgt Ion:244 Resp: 3686192

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.4

122 9.5 7.1 10.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.928 ng

RT: 20.956 min Scan# 3072

Delta R.T. -0.018 min

Lab File: BM047306.D

Acq: 21 Aug 2024 20:24

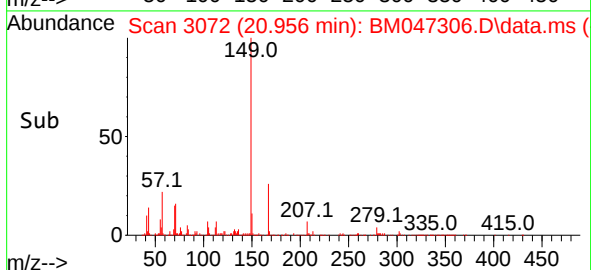
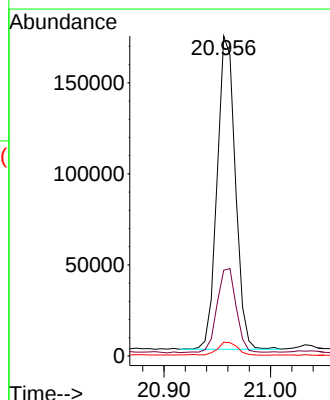
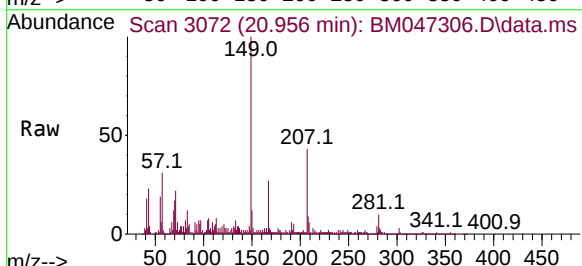
Tgt Ion:149 Resp: 203594

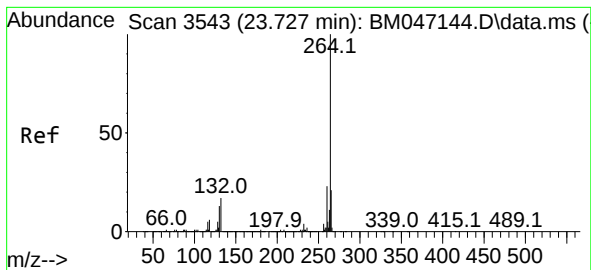
Ion Ratio Lower Upper

149 100

167 26.8 22.2 33.2

279 4.3 3.0 4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.709 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24

Instrument :
BNA_M
ClientSampleId :
20430

Tgt Ion:264 Resp: 1048013

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	22.4	17.3	25.9

