

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083024\
 Data File : BM047412.D
 Acq On : 30 Aug 2024 18:59
 Operator : RC/JU
 Sample : P3794-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT-857

Quant Time: Aug 30 23:37:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 18:11:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

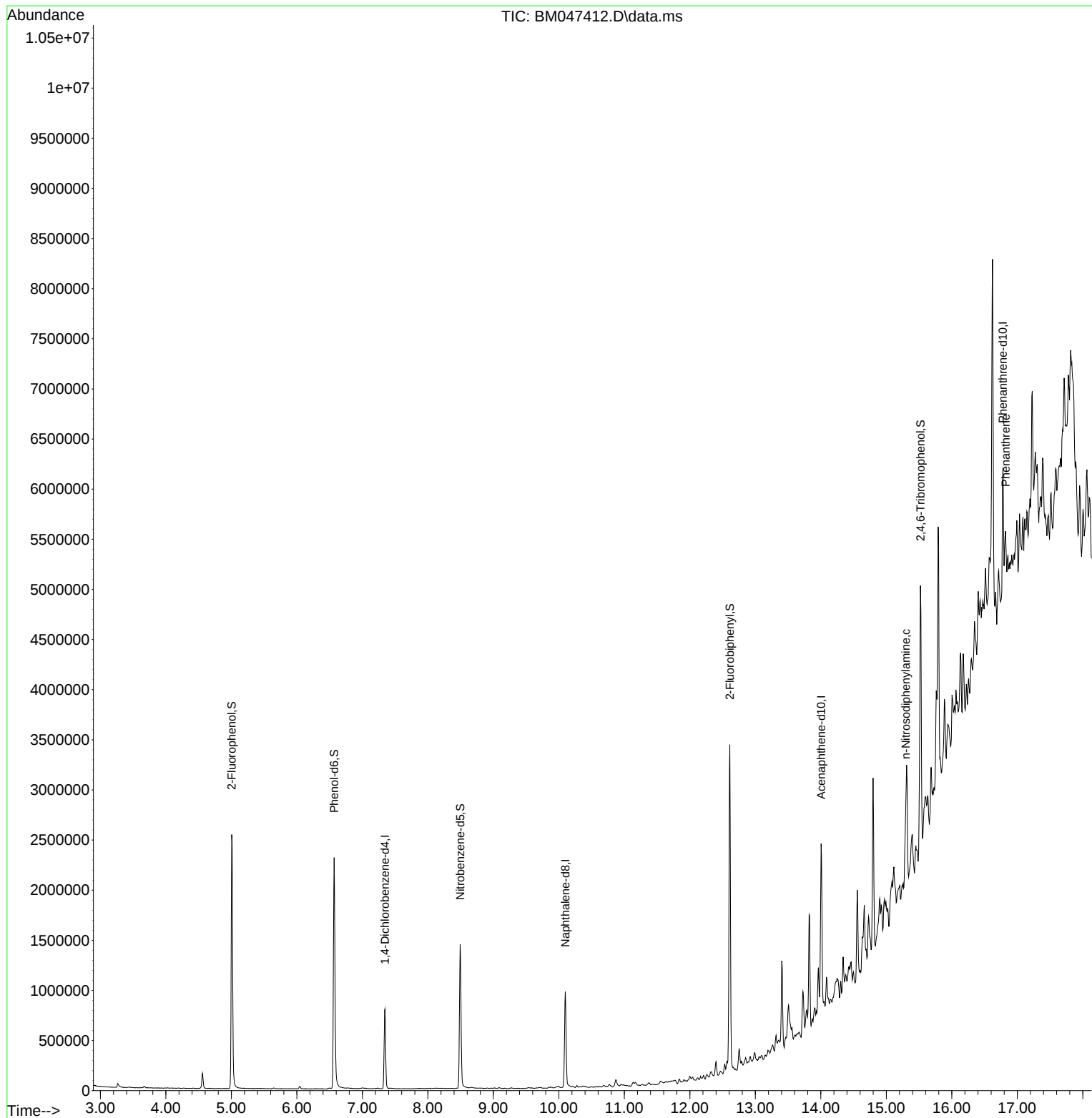
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.345	152	237763	20.000	ng	0.00
21) Naphthalene-d8	10.098	136	831080	20.000	ng	0.00
39) Acenaphthene-d10	14.004	164	534150	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	855822	20.000	ng	# 0.00
76) Chrysene-d12	21.021	240	823660	20.000	ng	0.00
86) Perylene-d12	23.715	264	1027326	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.004	112	1180364	95.246	ng	0.00
7) Phenol-d6	6.569	99	1477336	87.508	ng	0.00
23) Nitrobenzene-d5	8.492	82	907374	60.579	ng	0.00
42) 2,4,6-Tribromophenol	15.521	330	527200	81.807	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	1889374	54.348	ng	0.00
79) Terphenyl-d14	19.445	244	2051971	44.344	ng	0.00
Target Compounds						
9) Benzaldehyde	6.516	77	167	Below Cal	#	35
66) n-Nitrosodiphenylamine	15.298	169	63741	2.722	ng	# 44
71) Phenanthrene	16.821	178	95381	2.295	ng	# 51
84) Bis(2-ethylhexyl)phtha...	20.950	149	137429	3.933	ng	# 96

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

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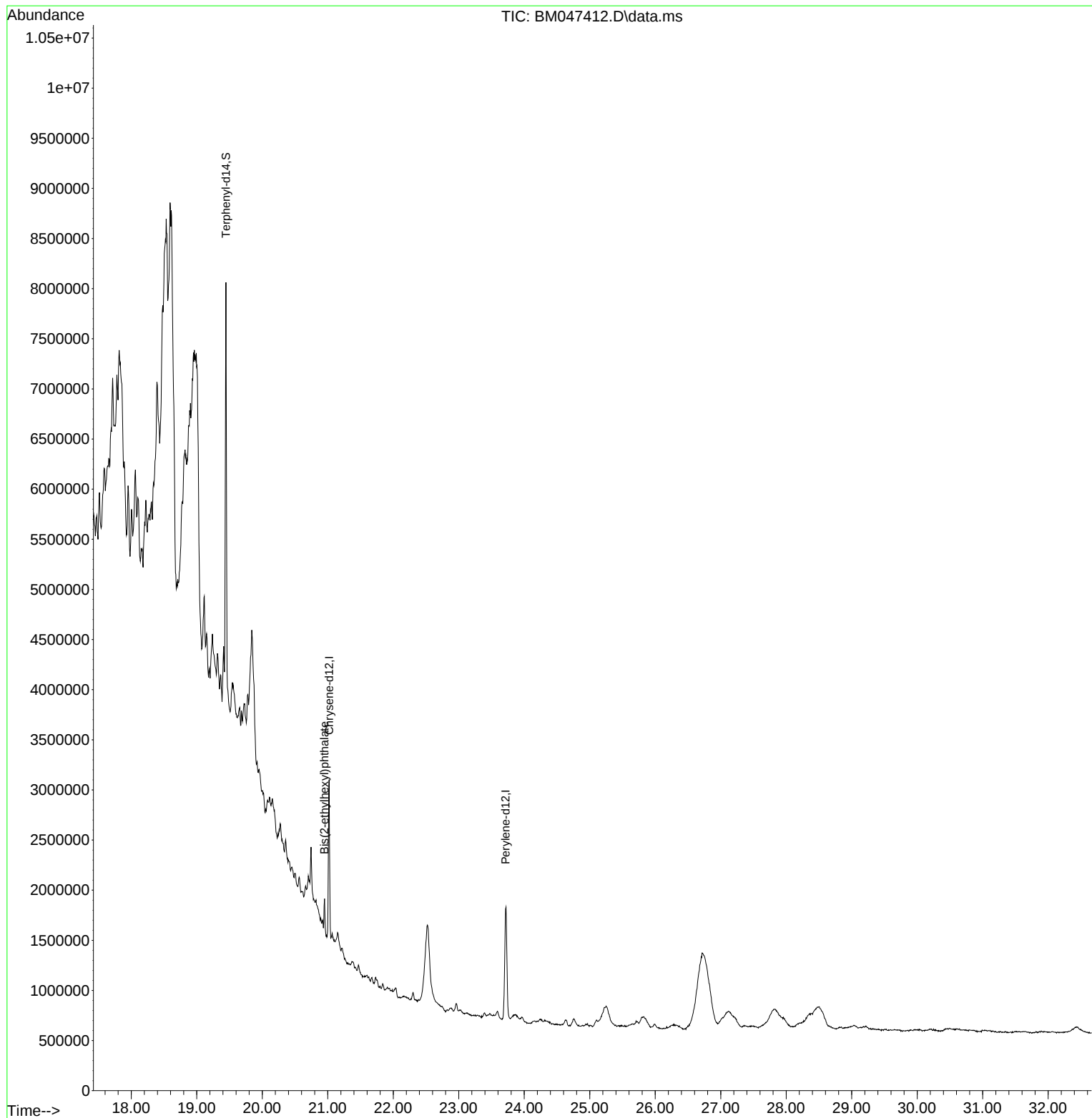
Quant Time: Aug 30 23:37:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

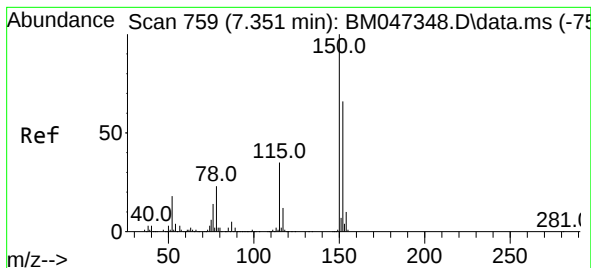


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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.345 min Scan# 7

Delta R.T. -0.006 min

Lab File: BM047412.D

Acq: 30 Aug 2024 18:59

Instrument :

BNA_M

ClientSampleId :

RT-857

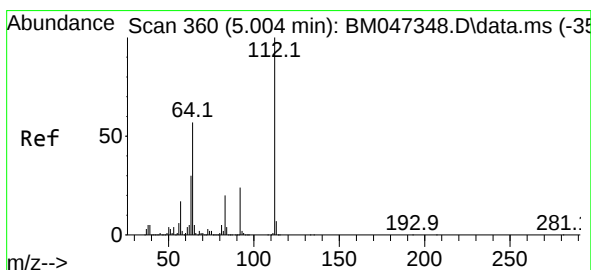
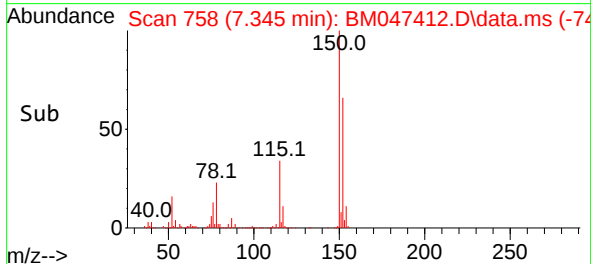
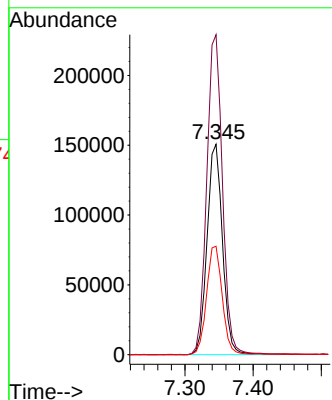
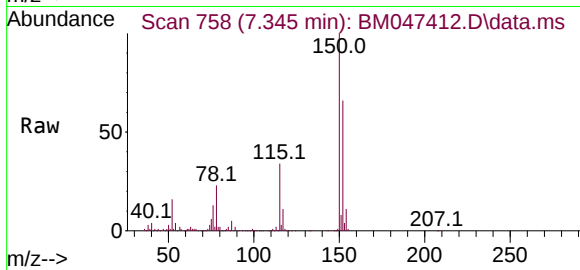
Tgt Ion:152 Resp: 237763

Ion Ratio Lower Upper

152 100

150 152.1 121.3 181.9

115 51.6 42.6 64.0



#5

2-Fluorophenol

Concen: 95.246 ng

RT: 5.004 min Scan# 360

Delta R.T. 0.000 min

Lab File: BM047412.D

Acq: 30 Aug 2024 18:59

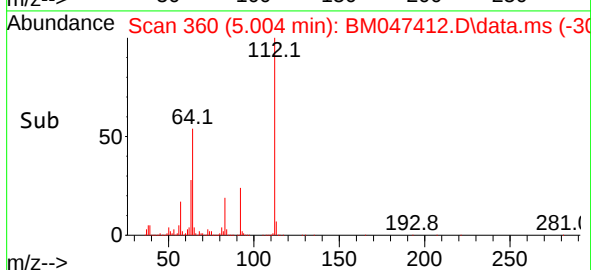
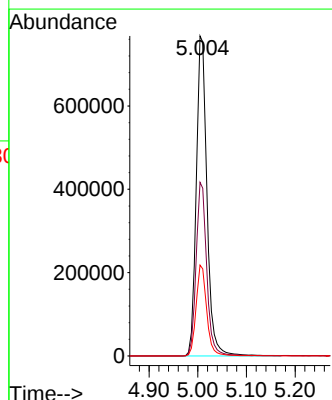
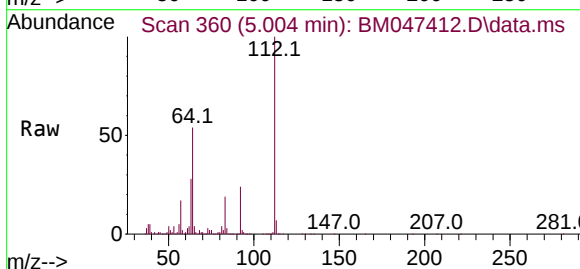
Tgt Ion:112 Resp: 1180364

Ion Ratio Lower Upper

112 100

64 54.3 45.7 68.5

63 28.4 23.8 35.8

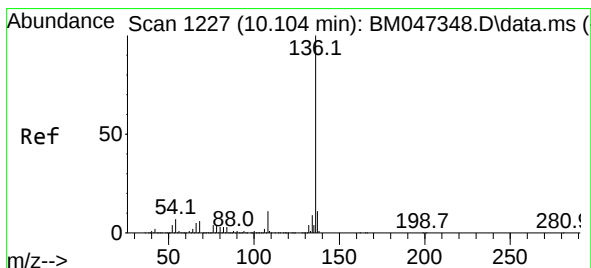
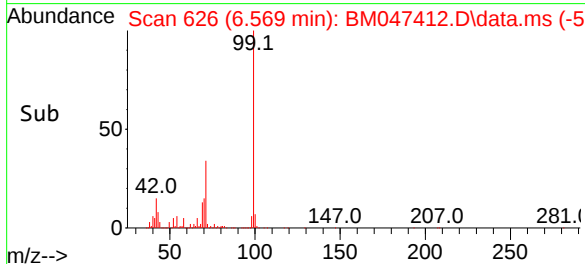
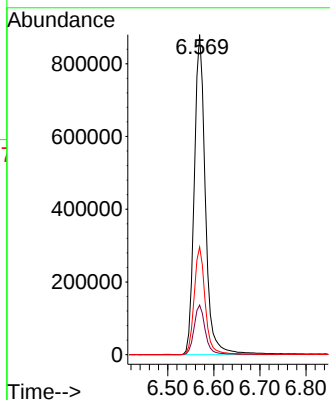
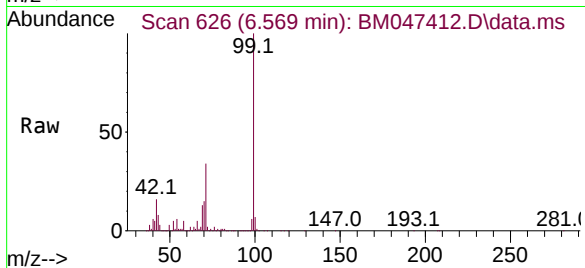




#7
Phenol-d6
Concen: 87.508 ng
RT: 6.569 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM047412.D
Acq: 30 Aug 2024 18:59

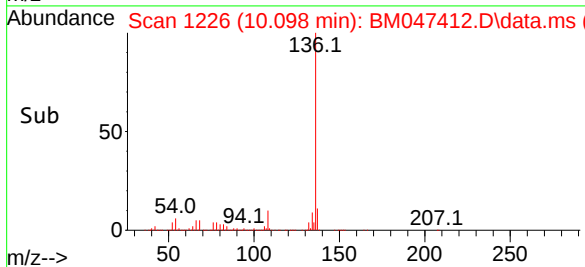
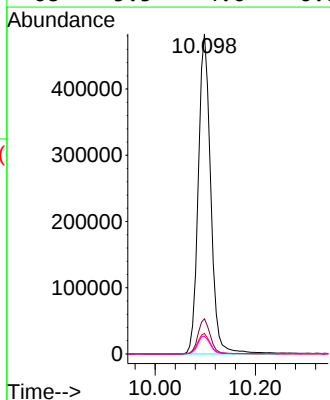
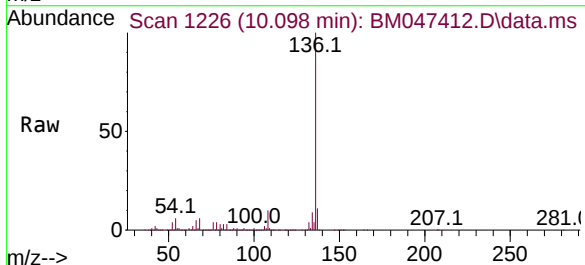
Instrument :
BNA_M
ClientSampleId :
RT-857

Tgt Ion: 99 Resp: 1477336
Ion Ratio Lower Upper
99 100
42 15.5 13.0 19.4
71 33.6 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BM047412.D
Acq: 30 Aug 2024 18:59

Tgt Ion: 136 Resp: 831080
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.4 5.2 7.8
68 5.5 4.6 6.8

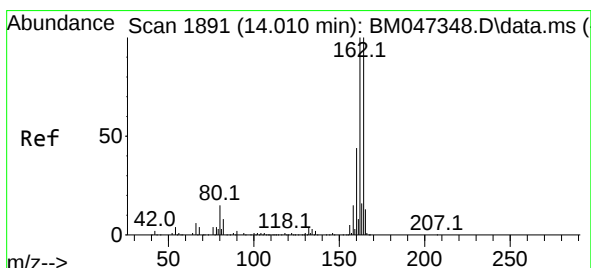
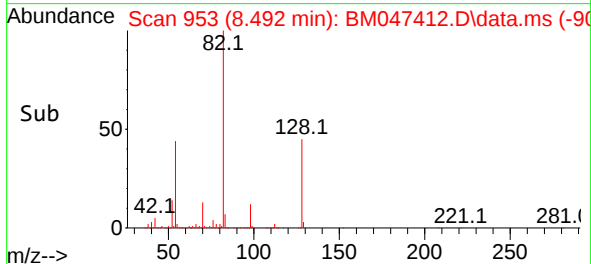
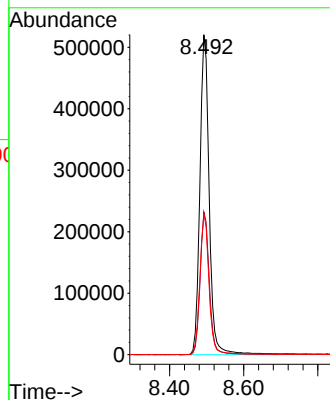
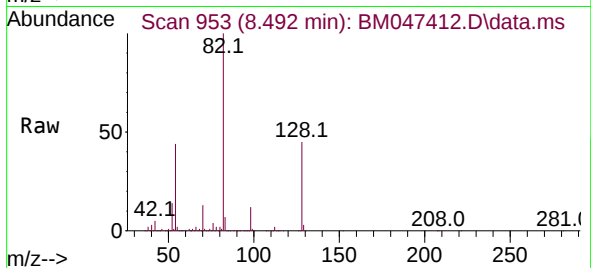




#23
Nitrobenzene-d5
Concen: 60.579 ng
RT: 8.492 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047412.D
Acq: 30 Aug 2024 18:59

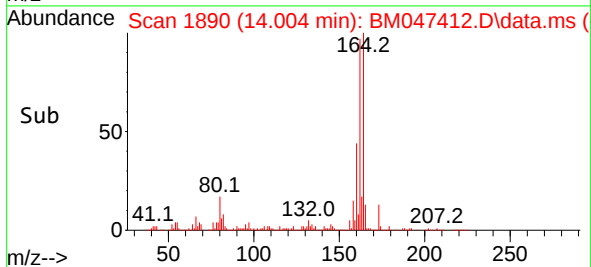
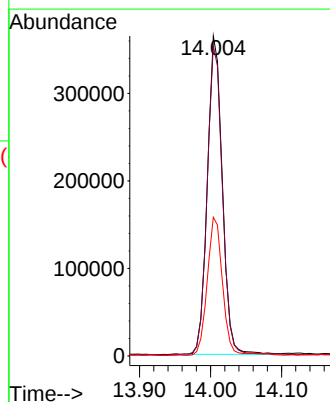
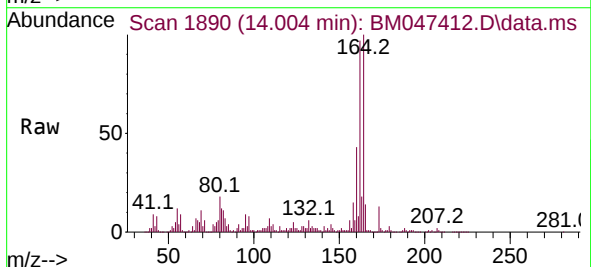
Instrument :
BNA_M
ClientSampleId :
RT-857

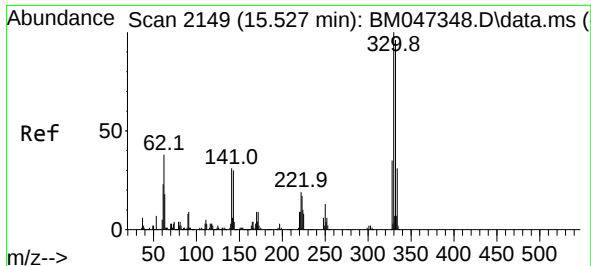
Tgt Ion: 82 Resp: 907374
Ion Ratio Lower Upper
82 100
128 44.5 34.6 51.8
54 43.9 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.004 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM047412.D
Acq: 30 Aug 2024 18:59

Tgt Ion:164 Resp: 534150
Ion Ratio Lower Upper
164 100
162 96.9 79.7 119.5
160 43.4 34.9 52.3

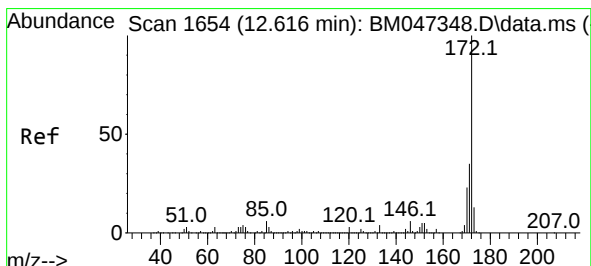
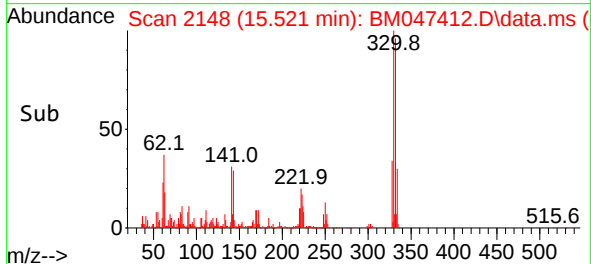
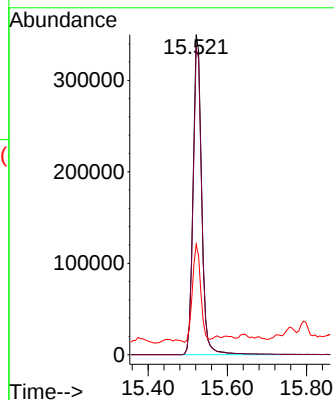
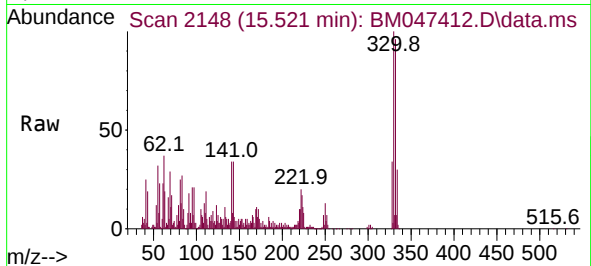




#42
2,4,6-Tribromophenol
Concen: 81.807 ng
RT: 15.521 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM047412.D
Acq: 30 Aug 2024 18:59

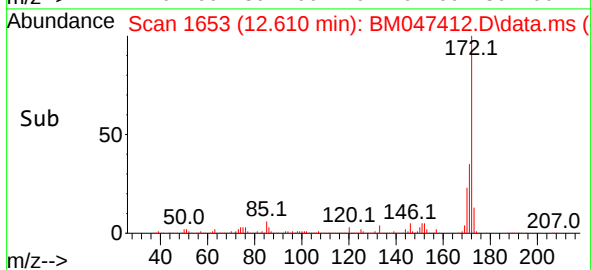
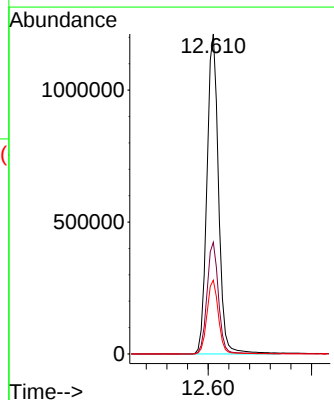
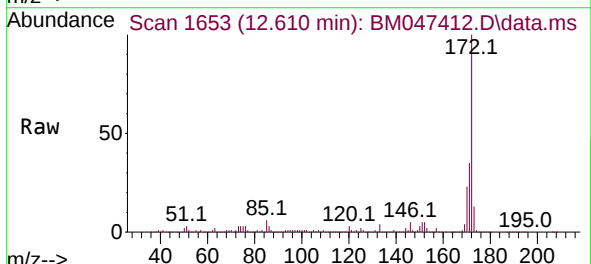
Instrument :
BNA_M
ClientSampleId :
RT-857

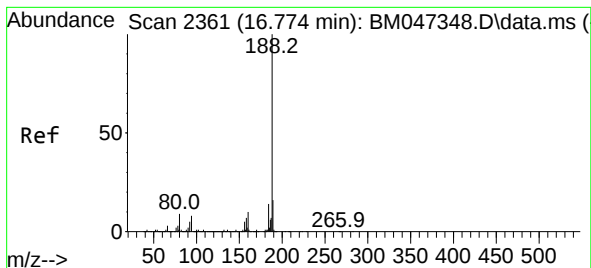
Tgt Ion:330 Resp: 527200
Ion Ratio Lower Upper
330 100
332 96.3 77.2 115.8
141 29.7 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 54.348 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM047412.D
Acq: 30 Aug 2024 18:59

Tgt Ion:172 Resp: 1889374
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.0 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.780 min Scan# 2110

Delta R.T. 0.006 min

Lab File: BM047412.D

Acq: 30 Aug 2024 18:59

Instrument :

BNA_M

ClientSampleId :

RT-857

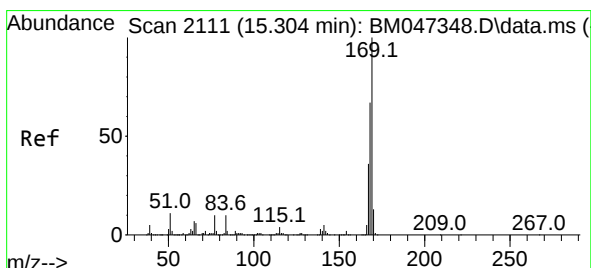
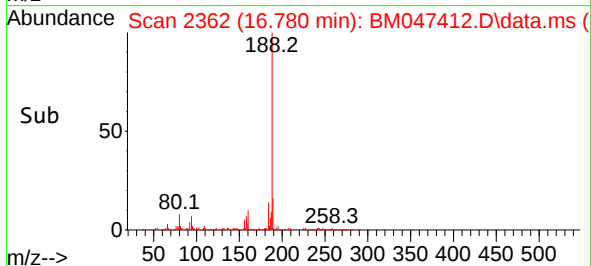
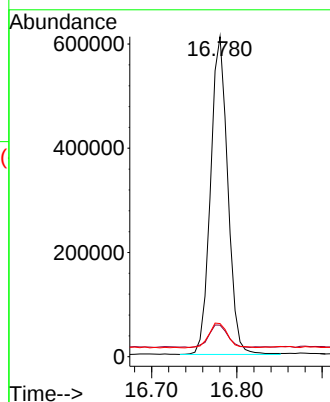
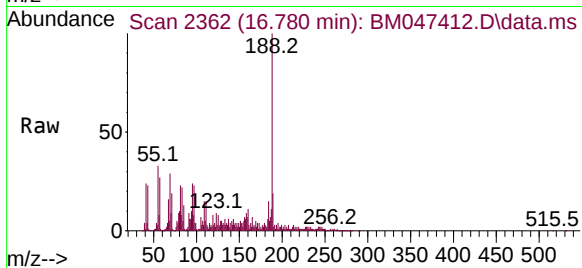
Tgt Ion:188 Resp: 855822

Ion Ratio Lower Upper

188 100

94 9.8 6.4 9.6#

80 10.3 7.4 11.2



#66

n-Nitrosodiphenylamine

Concen: 2.722 ng

RT: 15.298 min Scan# 2110

Delta R.T. -0.006 min

Lab File: BM047412.D

Acq: 30 Aug 2024 18:59

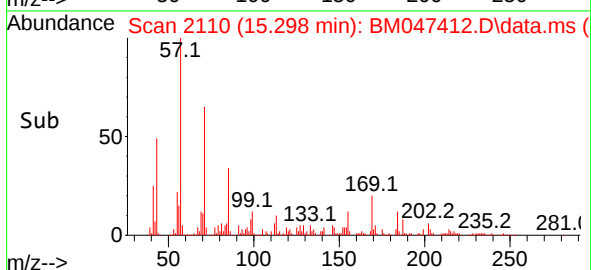
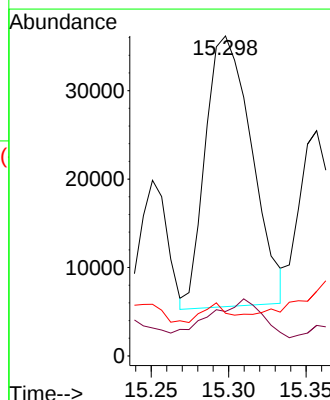
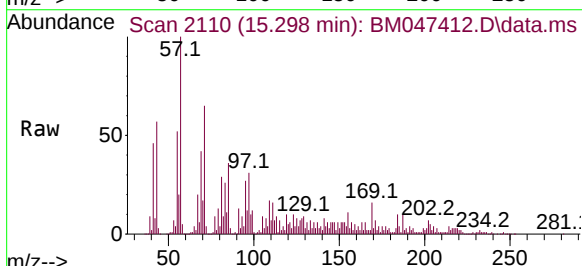
Tgt Ion:169 Resp: 63741

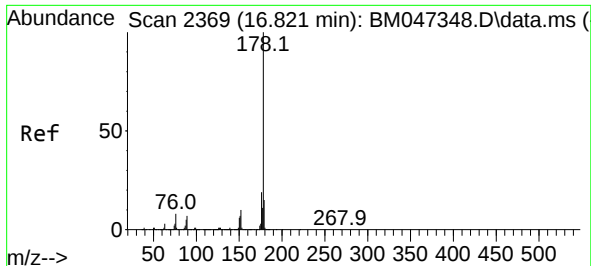
Ion Ratio Lower Upper

169 100

168 13.9 53.4 80.0#

167 13.3 29.0 43.4#

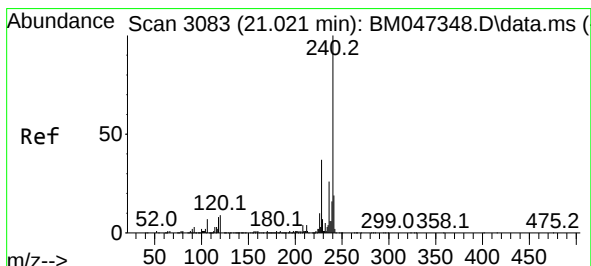
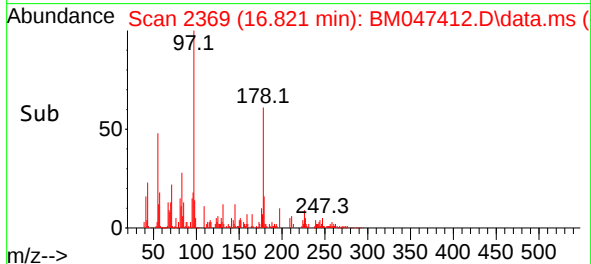
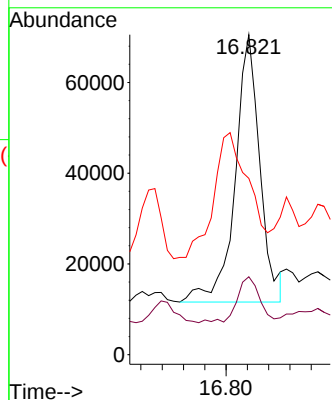
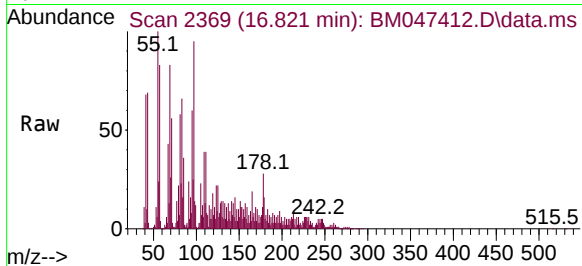




#71
Phenanthrene
Concen: 2.295 ng
RT: 16.821 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047412.D
Acq: 30 Aug 2024 18:59

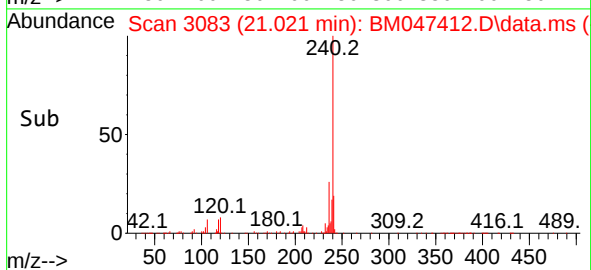
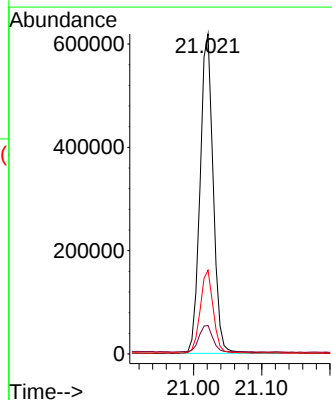
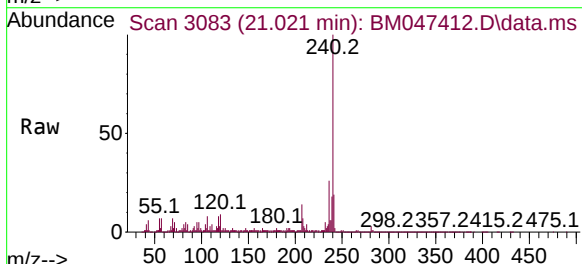
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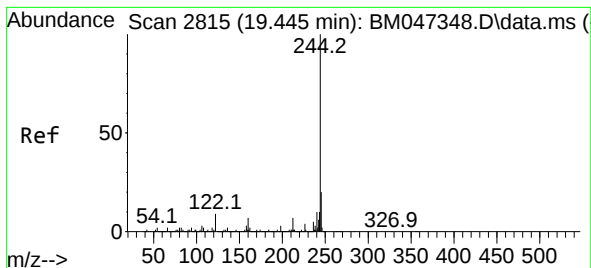
Tgt Ion:178 Resp: 95381
Ion Ratio Lower Upper
178 100
176 24.3 15.2 22.8#
179 55.1 12.2 18.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BM047412.D
Acq: 30 Aug 2024 18:59

Tgt Ion:240 Resp: 823660
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.0
236 26.2 20.8 31.2





#79

Terphenyl-d14

Concen: 44.344 ng

RT: 19.445 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047412.D

Acq: 30 Aug 2024 18:59

Instrument :

BNA_M

ClientSampleId :

RT-857

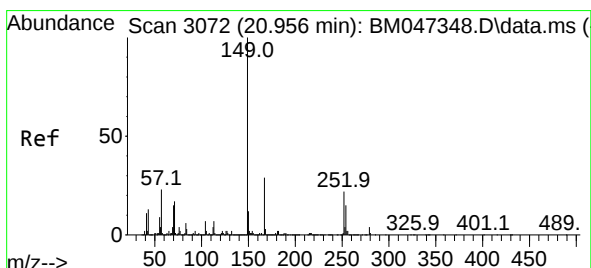
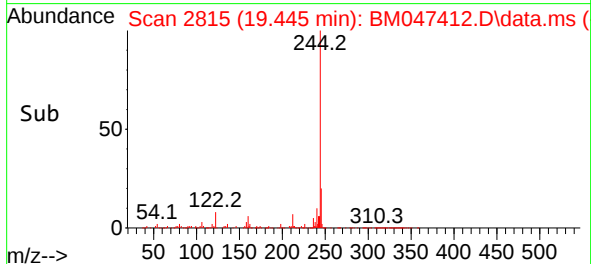
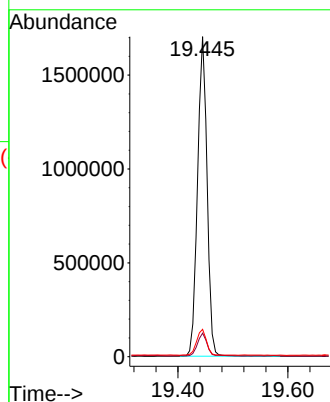
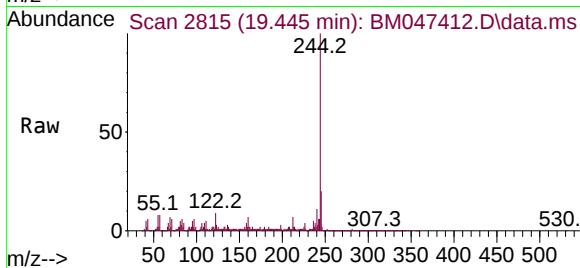
Tgt Ion:244 Resp: 2051971

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 8.6 7.0 10.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.933 ng

RT: 20.950 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047412.D

Acq: 30 Aug 2024 18:59

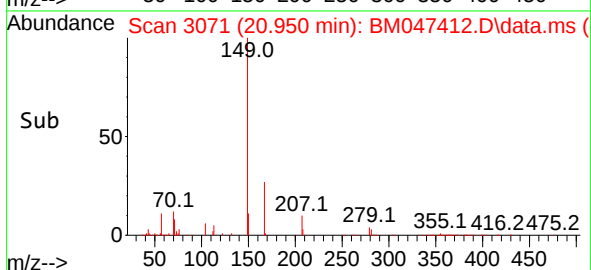
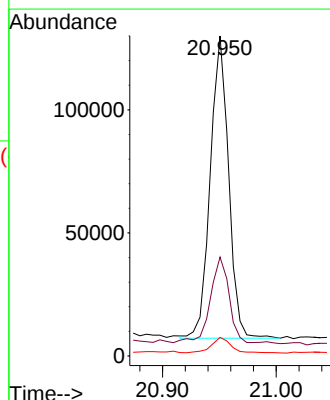
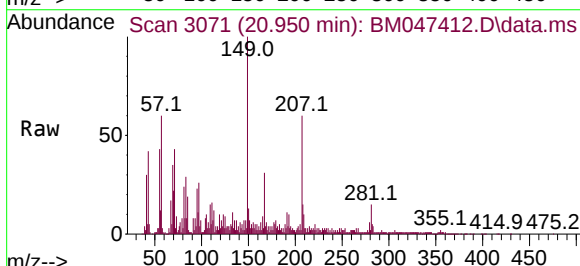
Tgt Ion:149 Resp: 137429

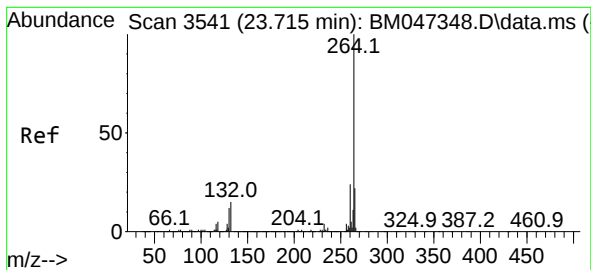
Ion Ratio Lower Upper

149 100

167 30.9 23.1 34.7

279 5.8 3.3 4.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.715 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BM047412.D
 Acq: 30 Aug 2024 18:59

Instrument :
 BNA_M
 ClientSampleId :
 RT-857

Tgt Ion:264 Resp: 1027326
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 21.9 17.8 26.6

