

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
 Data File : BM047577.D
 Acq On : 19 Sep 2024 19:12
 Operator : RC/JU
 Sample : P4103-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-14-7.5-10B

Quant Time: Sep 20 02:32:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

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

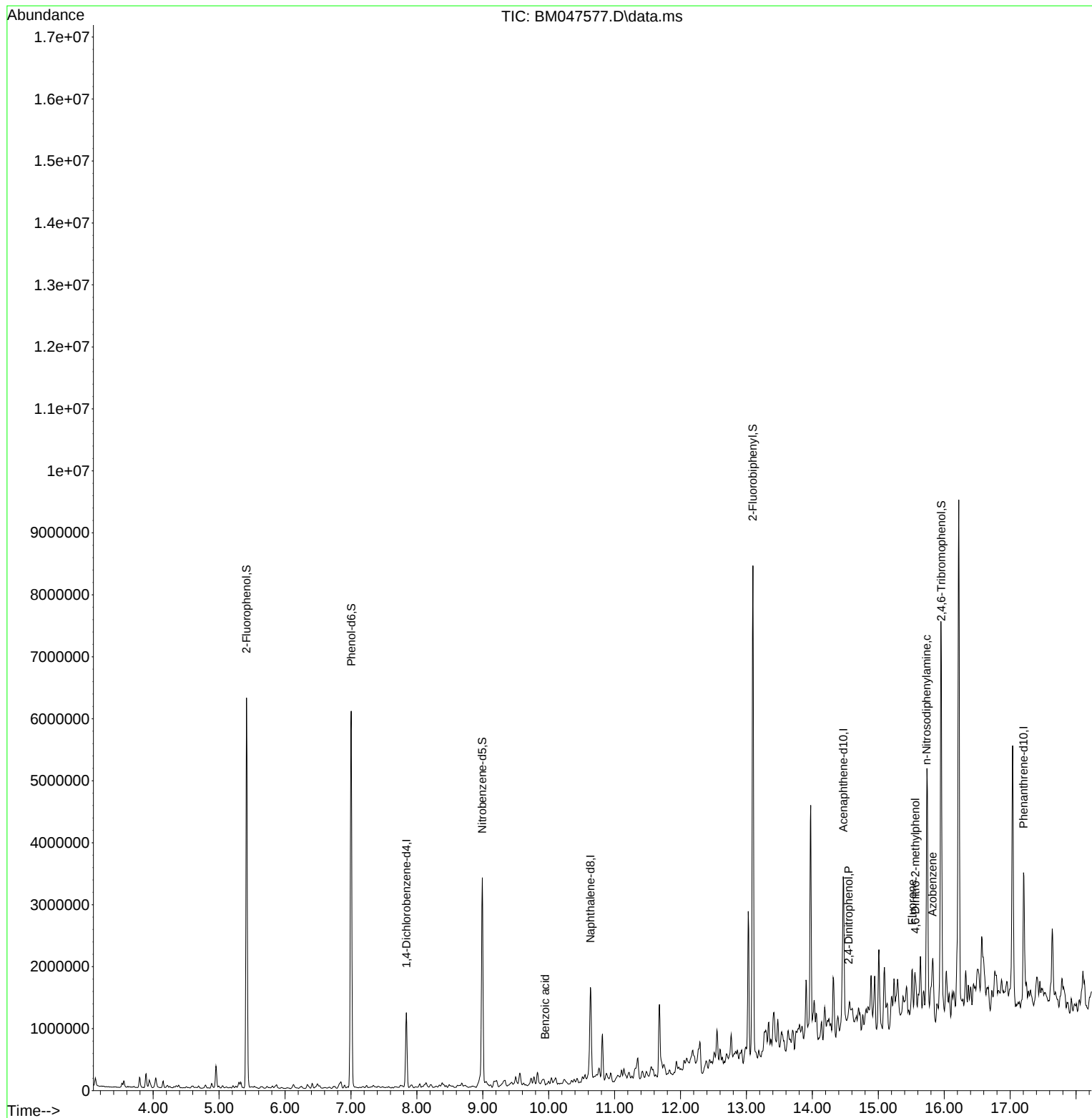
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	275927	20.000	ng	-0.01
21) Naphthalene-d8	10.634	136	1098397	20.000	ng	-0.01
39) Acenaphthene-d10	14.469	164	619366	20.000	ng	-0.01
64) Phenanthrene-d10	17.204	188	1161651	20.000	ng	-0.01
76) Chrysene-d12	21.433	240	1002774	20.000	ng	-0.01
86) Perylene-d12	24.450	264	1123684	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2468680	142.453	ng	0.00
7) Phenol-d6	7.004	99	3173715	130.043	ng	0.00
23) Nitrobenzene-d5	8.992	82	1878876	85.607	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	777214	129.823	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	3563836	79.263	ng	-0.01
79) Terphenyl-d14	19.821	244	5331522	95.273	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	9.945	122	152	6.711	ng	# 1
54) 2,4-Dinitrophenol	14.551	184	417	2.689	ng	# 1
58) Fluorene	15.516	166	109676	2.291	ng	# 81
63) Azobenzene	15.821	77	153597	3.105	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.563	198	1401	7.373	ng	# 1
66) n-Nitrosodiphenylamine	15.733	169	170101	4.787	ng	# 44

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

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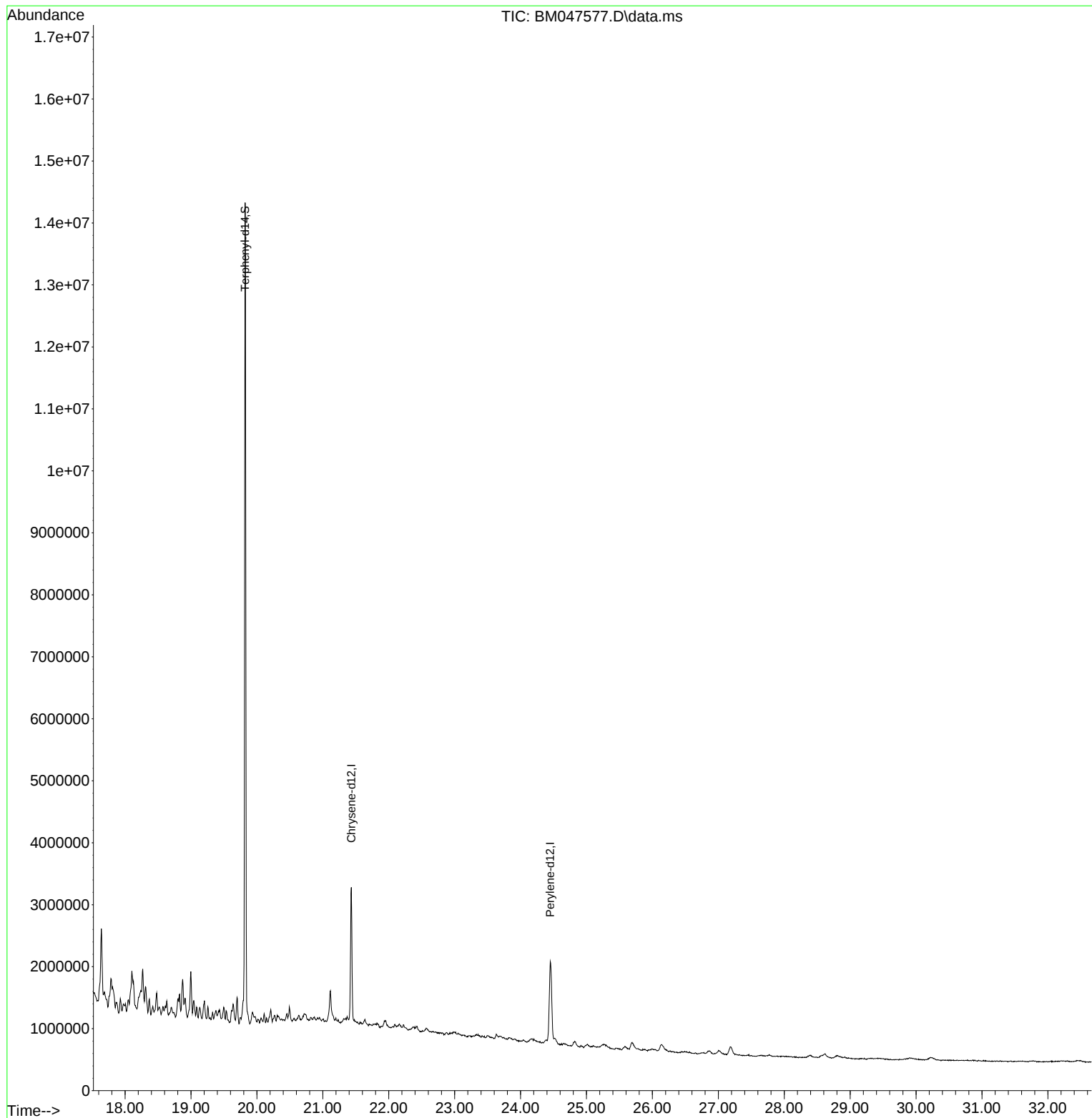
Quant Time: Sep 20 02:32:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

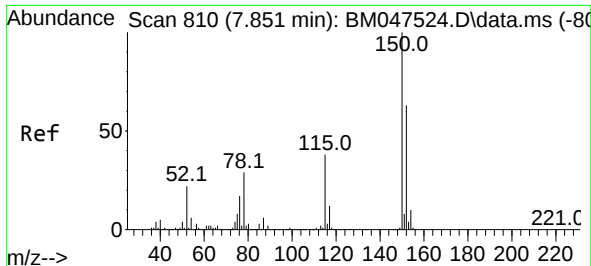


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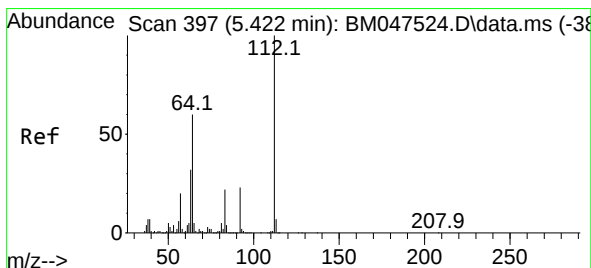
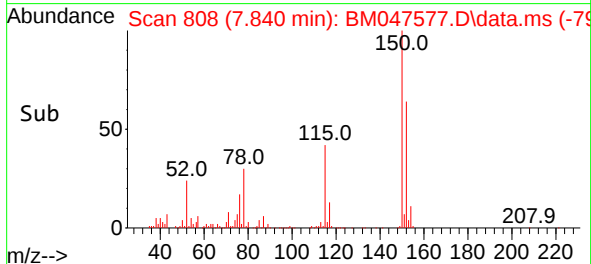
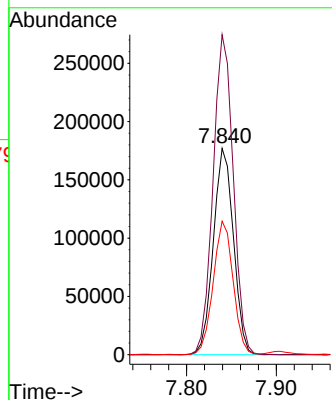
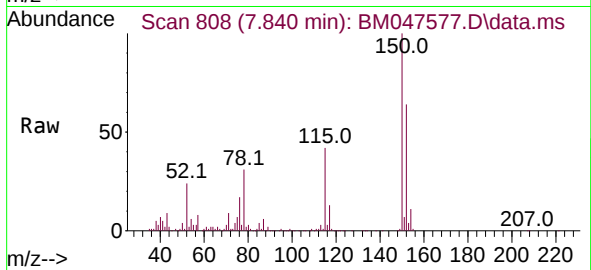




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 808
Delta R.T. -0.011 min
Lab File: BM047577.D
Acq: 19 Sep 2024 19:12

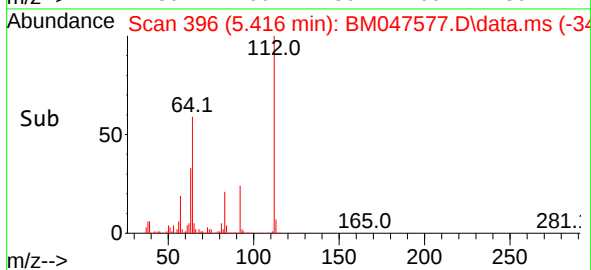
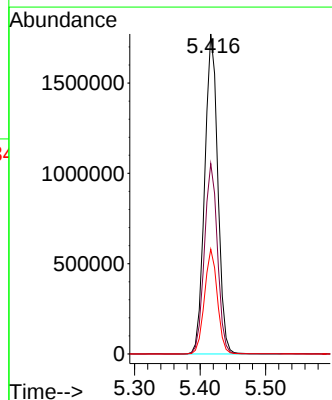
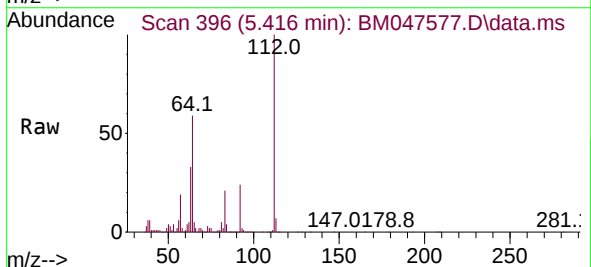
Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10B

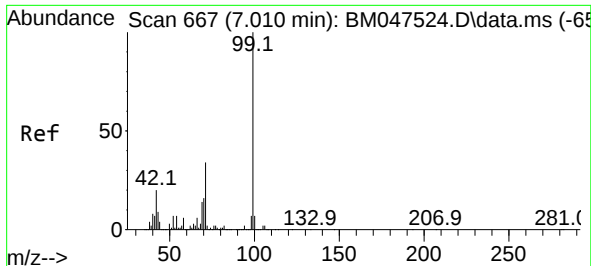
Tgt Ion:152 Resp: 275927
Ion Ratio Lower Upper
152 100
150 155.1 126.8 190.2
115 64.7 47.8 71.8



#5
2-Fluorophenol
Concen: 142.453 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM047577.D
Acq: 19 Sep 2024 19:12

Tgt Ion:112 Resp: 2468680
Ion Ratio Lower Upper
112 100
64 59.5 48.2 72.4
63 32.8 26.0 39.0

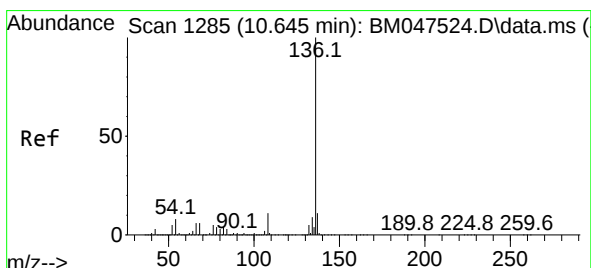
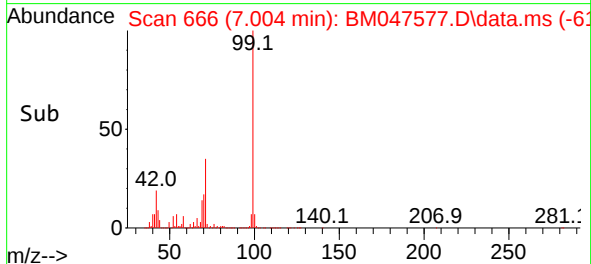
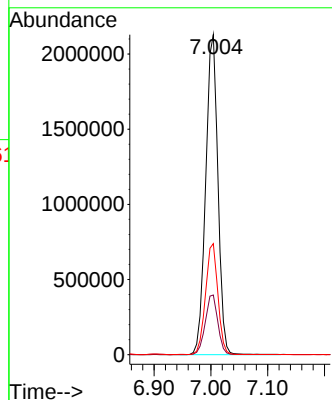
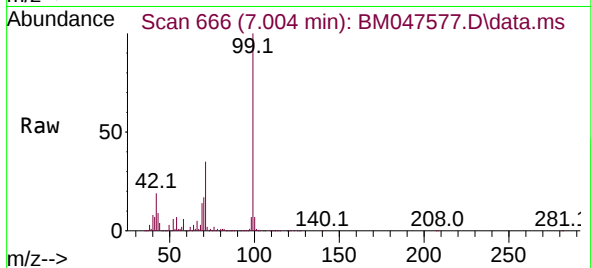




#7
Phenol-d6
Concen: 130.043 ng
RT: 7.004 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047577.D
Acq: 19 Sep 2024 19:12

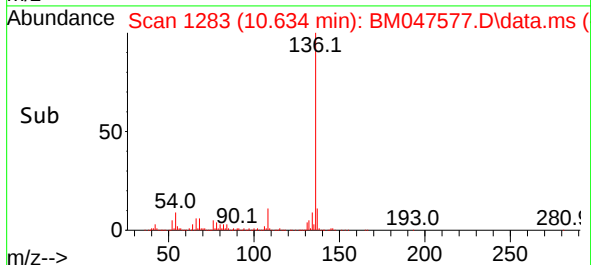
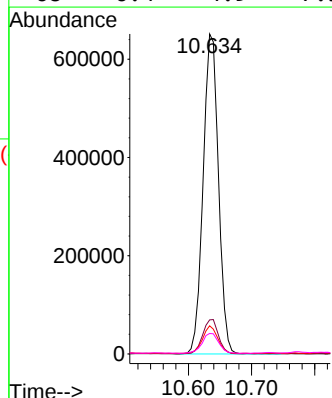
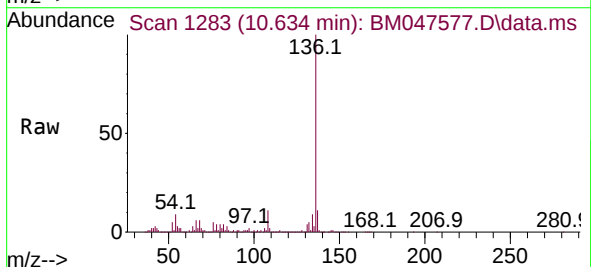
Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10B

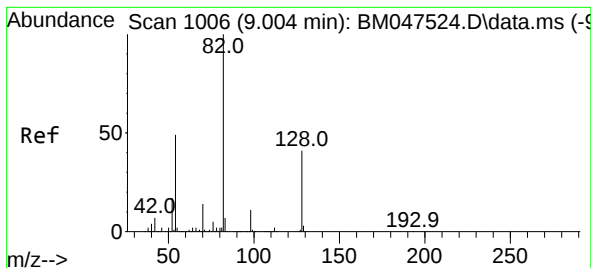
Tgt Ion: 99 Resp: 3173715
Ion Ratio Lower Upper
99 100
42 18.7 15.8 23.8
71 34.7 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1283
Delta R.T. -0.011 min
Lab File: BM047577.D
Acq: 19 Sep 2024 19:12

Tgt Ion: 136 Resp: 1098397
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 8.8 6.6 9.8
68 6.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 85.607 ng

RT: 8.992 min Scan# 110

Delta R.T. -0.012 min

Lab File: BM047577.D

Acq: 19 Sep 2024 19:12

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10B

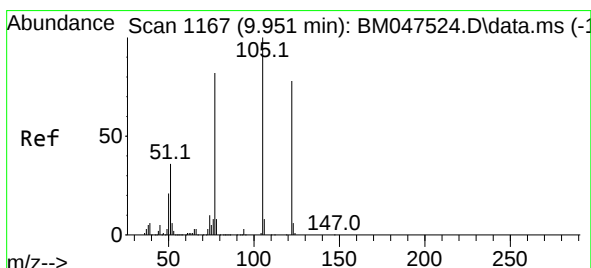
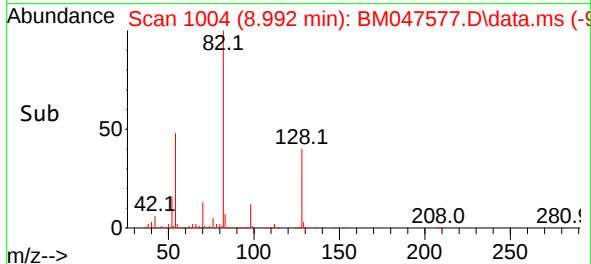
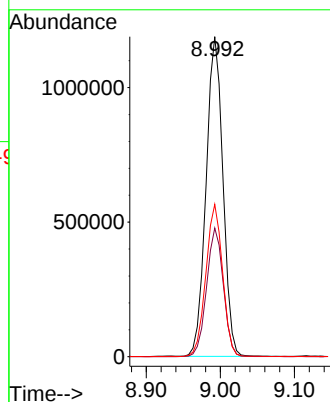
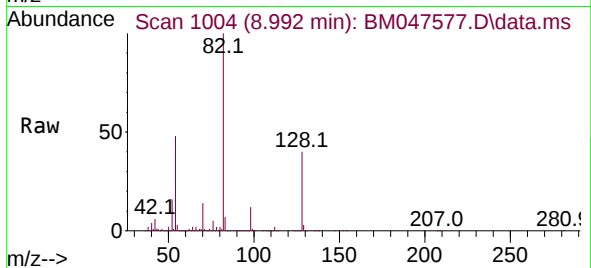
Tgt Ion: 82 Resp: 1878876

Ion Ratio Lower Upper

82 100

128 40.2 33.0 49.4

54 47.6 39.3 58.9



#32

Benzoic acid

Concen: 6.711 ng

RT: 9.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BM047577.D

Acq: 19 Sep 2024 19:12

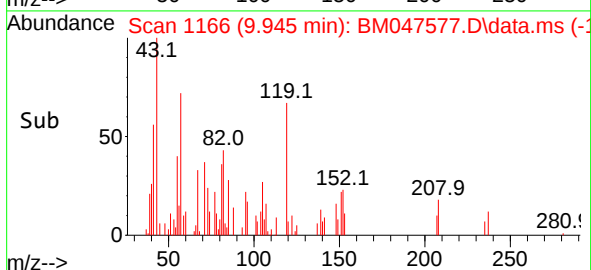
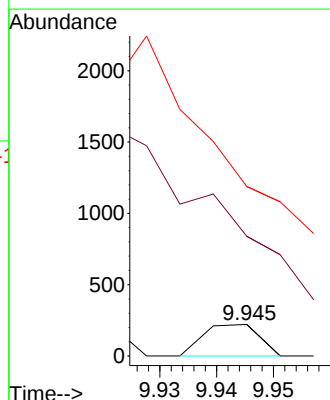
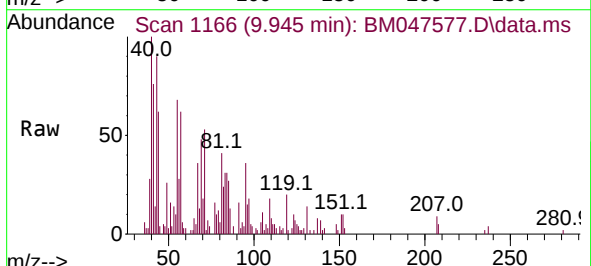
Tgt Ion:122 Resp: 152

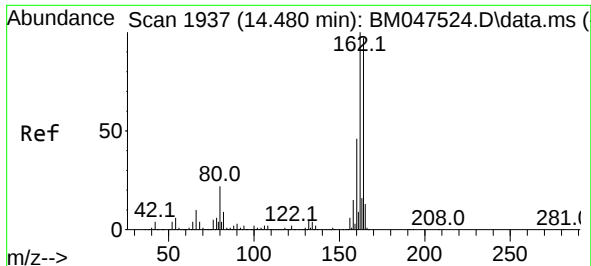
Ion Ratio Lower Upper

122 100

105 380.1 104.7 144.7#

77 537.6 83.4 123.4#

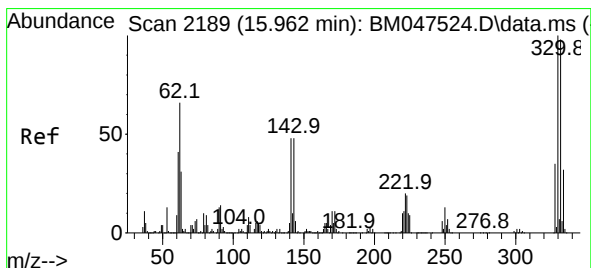
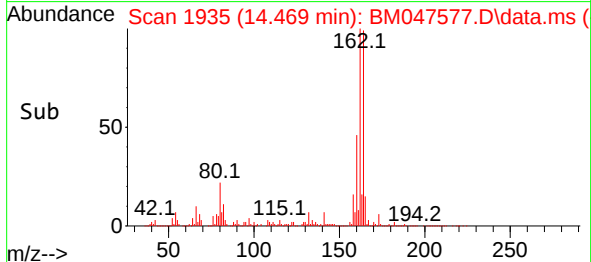
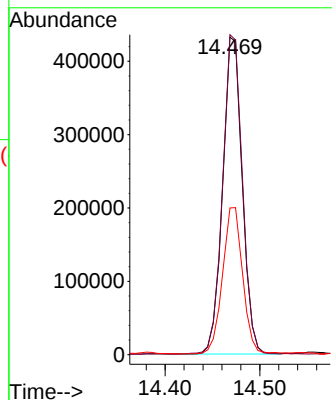
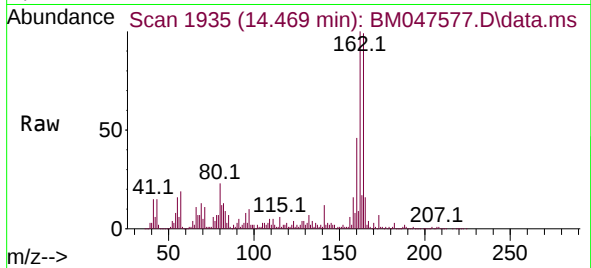




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BM047577.D
Acq: 19 Sep 2024 19:12

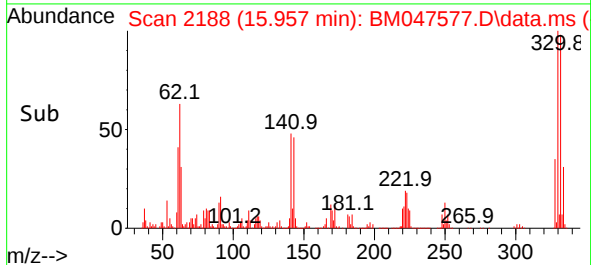
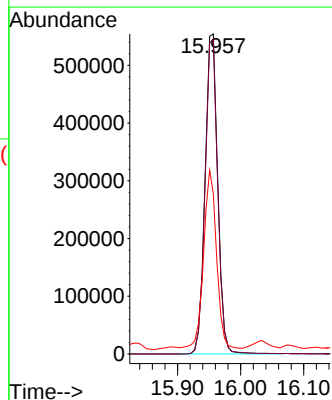
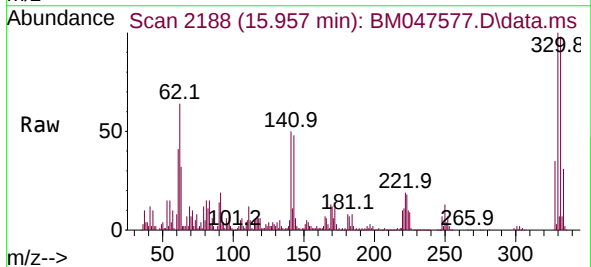
Instrument :
BNA_M
ClientSampleId :
WC-14-7.5-10B

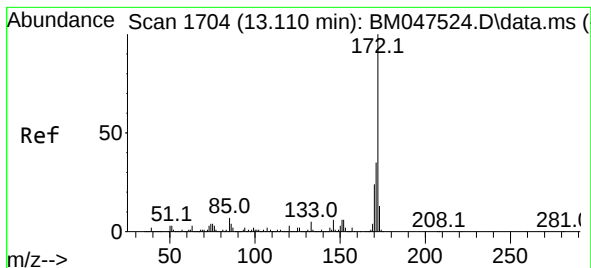
Tgt Ion:164 Resp: 619366
Ion Ratio Lower Upper
164 100
162 100.8 82.2 123.2
160 46.2 38.2 57.2



#42
2,4,6-Tribromophenol
Concen: 129.823 ng
RT: 15.957 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM047577.D
Acq: 19 Sep 2024 19:12

Tgt Ion:330 Resp: 777214
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 55.8 42.2 63.2





#45

2-Fluorobiphenyl

Concen: 79.263 ng

RT: 13.098 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047577.D

Acq: 19 Sep 2024 19:12

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10B

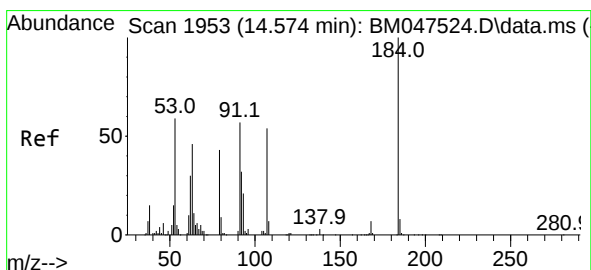
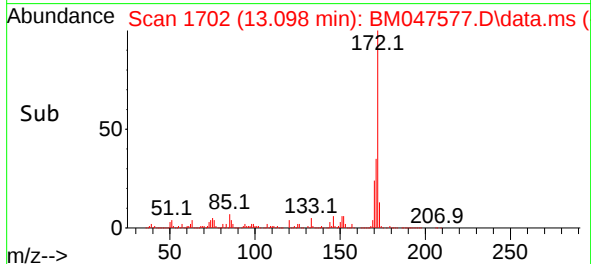
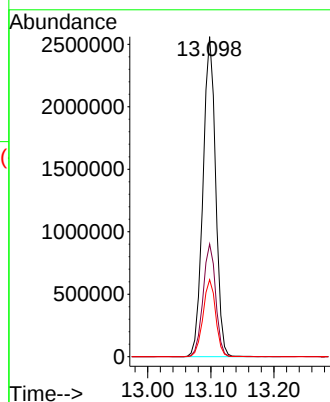
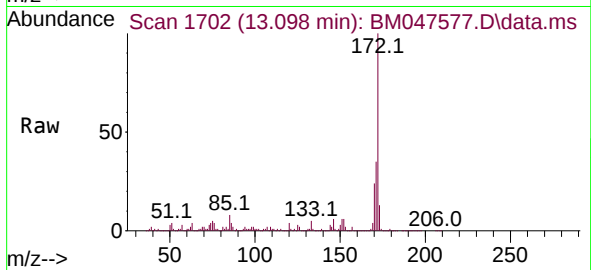
Tgt Ion:172 Resp: 3563836

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 24.0 19.4 29.0



#54

2,4-Dinitrophenol

Concen: 2.689 ng

RT: 14.551 min Scan# 1949

Delta R.T. -0.023 min

Lab File: BM047577.D

Acq: 19 Sep 2024 19:12

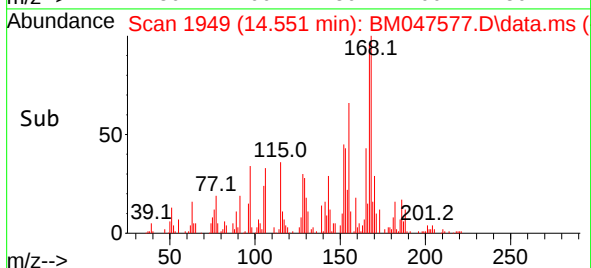
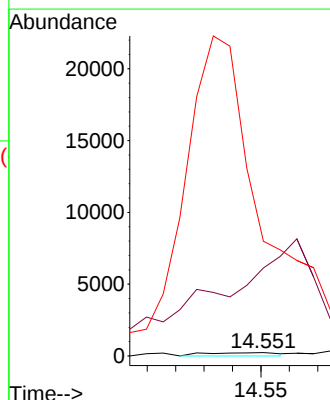
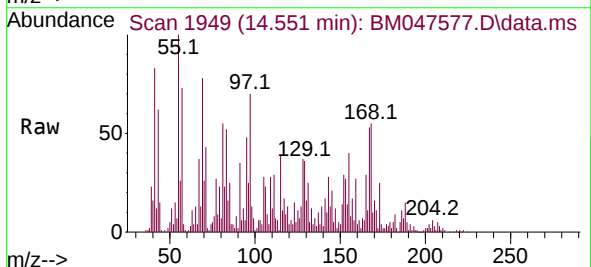
Tgt Ion:184 Resp: 417

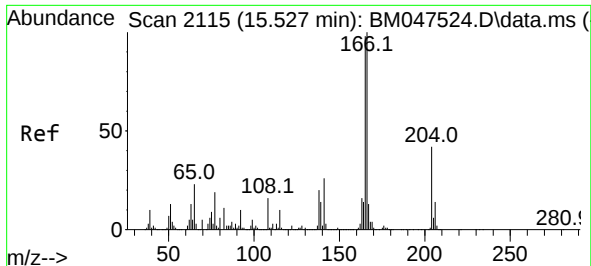
Ion Ratio Lower Upper

184 100

63 2653.7 69.4 104.0#

154 3456.7 60.4 90.6#

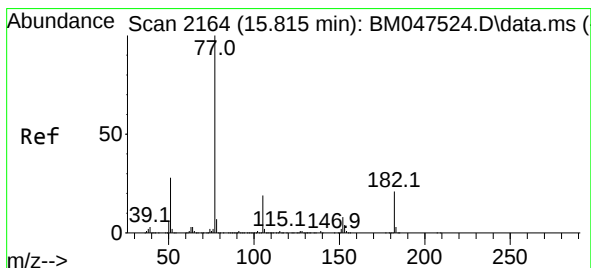
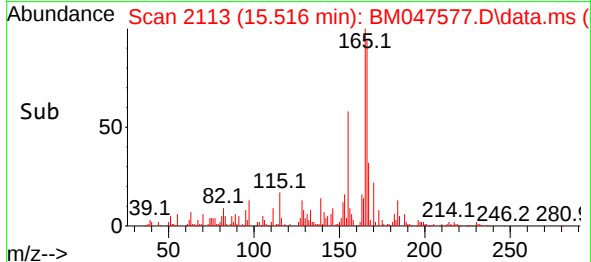
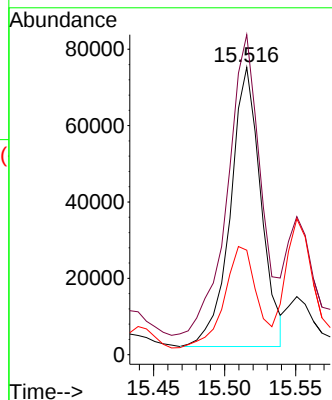
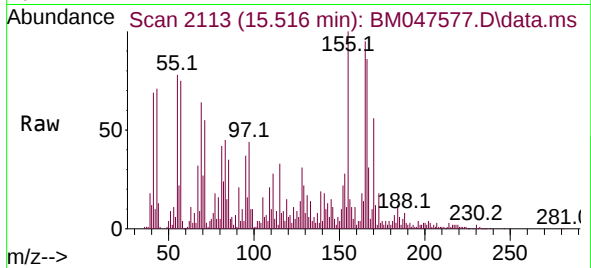




#58
Fluorene
Concen: 2.291 ng
RT: 15.516 min Scan# 2113
Delta R.T. -0.012 min
Lab File: BM047577.D
Acq: 19 Sep 2024 19:12

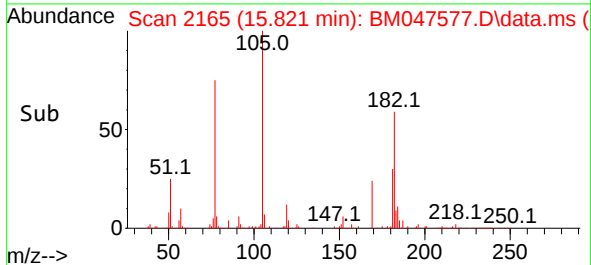
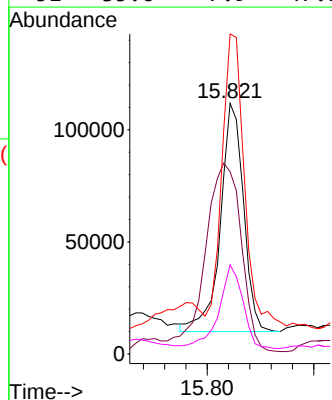
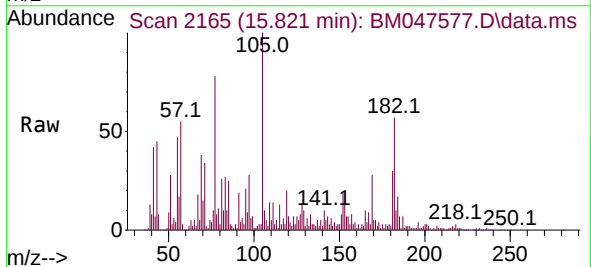
Instrument :
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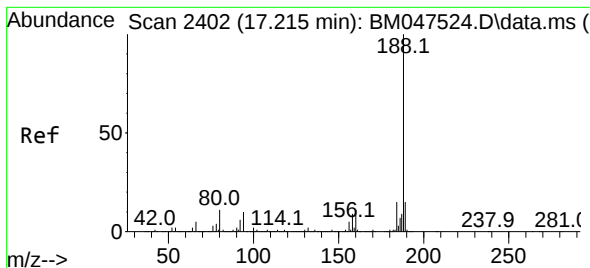
Tgt Ion:166 Resp: 109676
Ion Ratio Lower Upper
166 100
165 111.3 78.6 117.8
167 36.4 10.7 16.1#



#63
Azobenzene
Concen: 3.105 ng
RT: 15.821 min Scan# 2165
Delta R.T. 0.006 min
Lab File: BM047577.D
Acq: 19 Sep 2024 19:12

Tgt Ion: 77 Resp: 153597
Ion Ratio Lower Upper
77 100
182 72.7 1.2 41.2#
105 127.7 0.0 39.4#
51 35.6 7.9 47.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2402

Delta R.T. -0.012 min

Lab File: BM047577.D

Acq: 19 Sep 2024 19:12

Instrument :

BNA_M

ClientSampleId :

WC-14-7.5-10B

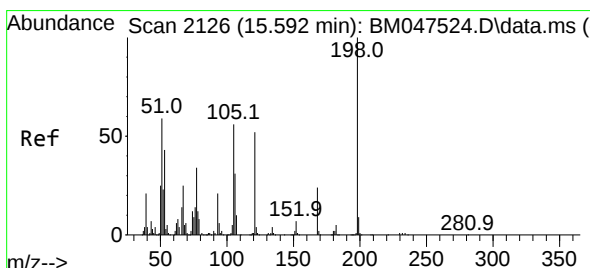
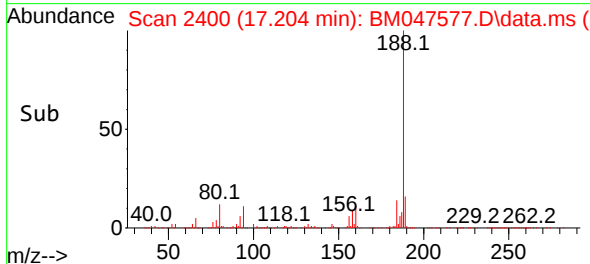
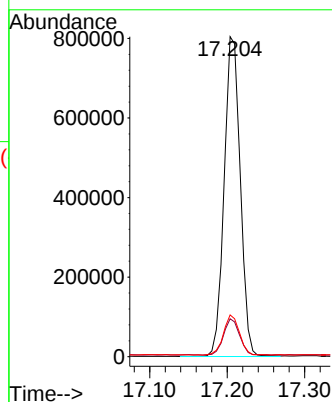
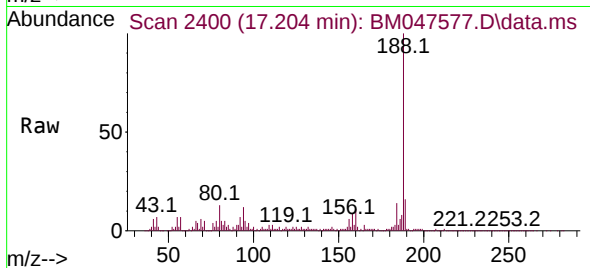
Tgt Ion:188 Resp: 1161651

Ion Ratio Lower Upper

188 100

94 11.8 8.4 12.6

80 13.0 9.1 13.7



#65

4,6-Dinitro-2-methylphenol

Concen: 7.373 ng

RT: 15.563 min Scan# 2121

Delta R.T. -0.029 min

Lab File: BM047577.D

Acq: 19 Sep 2024 19:12

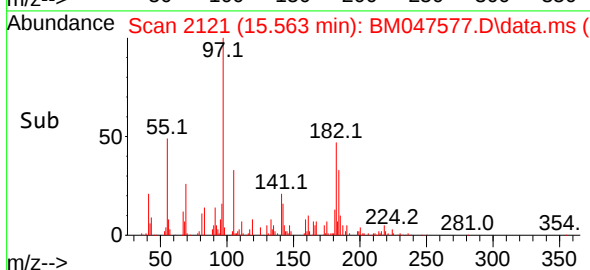
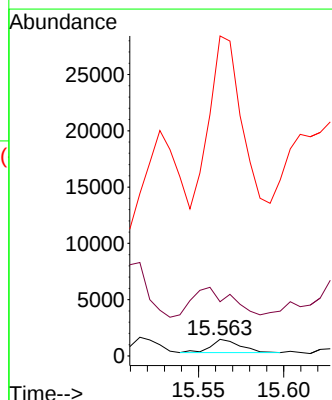
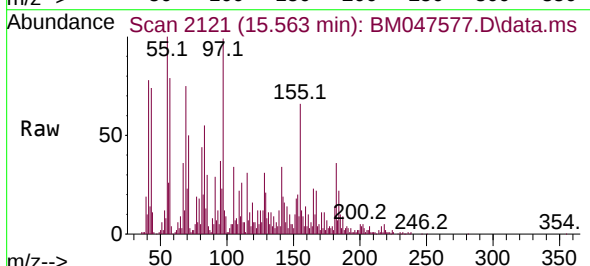
Tgt Ion:198 Resp: 1401

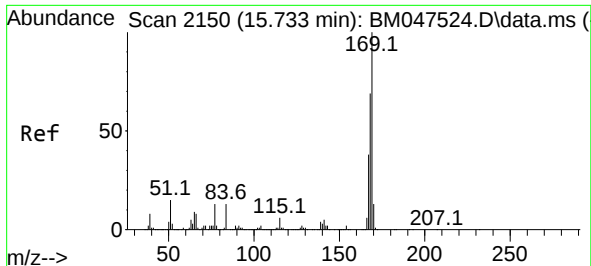
Ion Ratio Lower Upper

198 100

51 326.8 41.5 81.5#

105 1925.7 36.4 76.4#

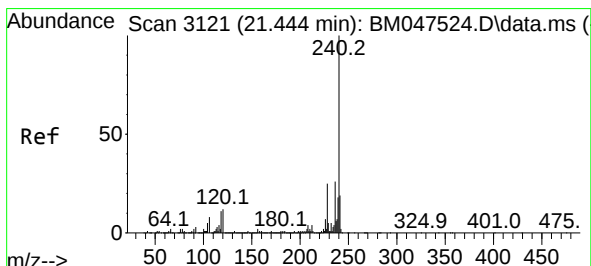
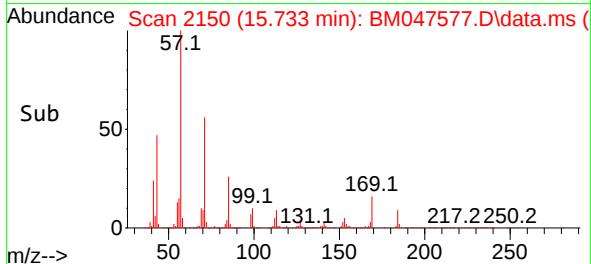
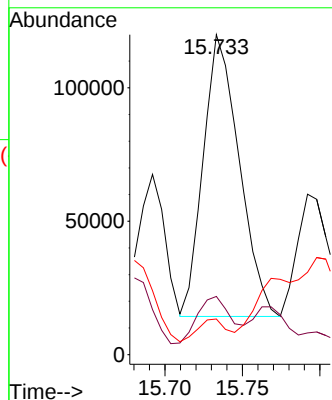
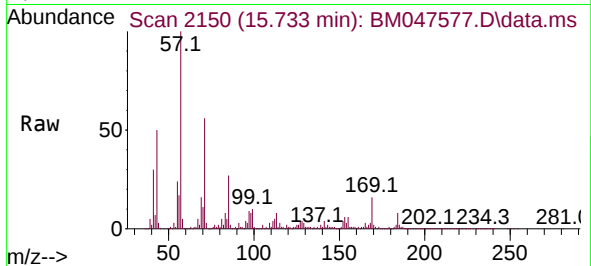




#66
 n-Nitrosodiphenylamine
 Concen: 4.787 ng
 RT: 15.733 min Scan# 2150
 Delta R.T. 0.000 min
 Lab File: BM047577.D
 Acq: 19 Sep 2024 19:12

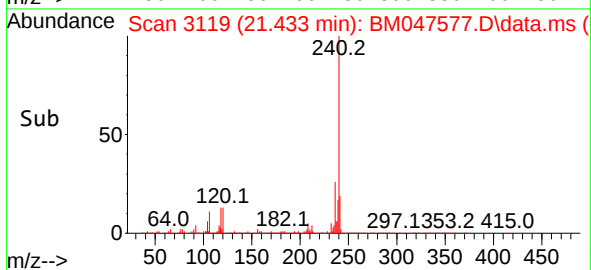
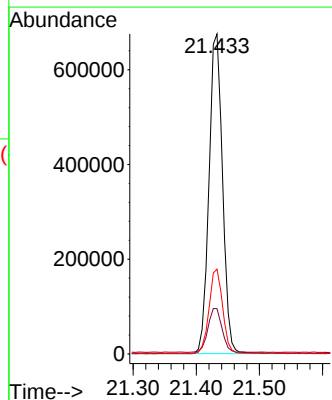
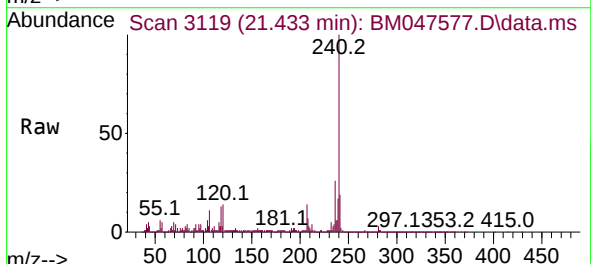
Instrument :
 BNA_M
 ClientSampleId :
 WC-14-7.5-10B

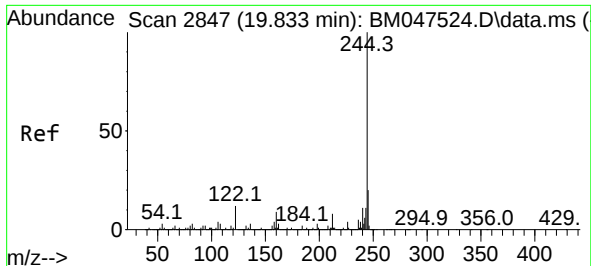
Tgt Ion:169 Resp: 170101
 Ion Ratio Lower Upper
 169 100
 168 18.2 55.3 82.9#
 167 11.1 30.5 45.7#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.433 min Scan# 3119
 Delta R.T. -0.011 min
 Lab File: BM047577.D
 Acq: 19 Sep 2024 19:12

Tgt Ion:240 Resp: 1002774
 Ion Ratio Lower Upper
 240 100
 120 14.1 9.6 14.4
 236 26.5 20.9 31.3

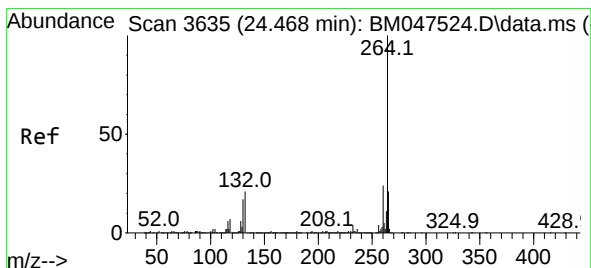
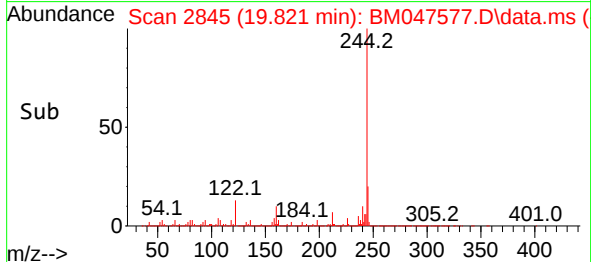
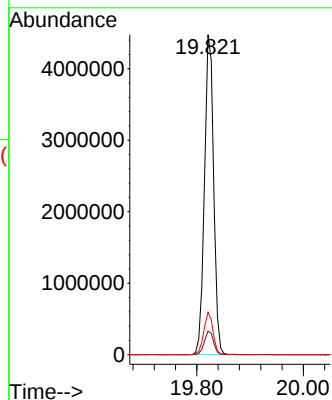
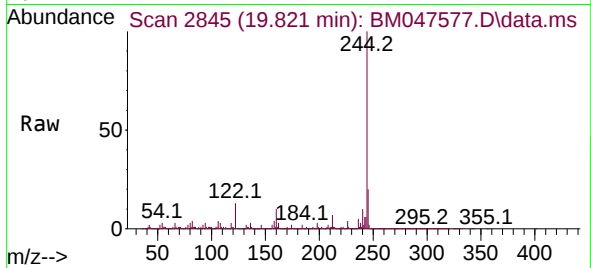




#79
 Terphenyl-d14
 Concen: 95.273 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047577.D
 Acq: 19 Sep 2024 19:12

Instrument :
 BNA_M
 ClientSampleId :
 WC-14-7.5-10B

Tgt Ion:244 Resp: 5331522
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 13.2 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.450 min Scan# 3632
 Delta R.T. -0.017 min
 Lab File: BM047577.D
 Acq: 19 Sep 2024 19:12

Tgt Ion:264 Resp: 1123684
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 22.0 17.4 26.2

