

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091520\
 Data File : BN011808.D
 Acq On : 15 Sep 2020 19:53
 Operator : CG/JU
 Sample : L3988-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FC-MW03SR1-20200910

Quant Time: Sep 16 02:13:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:55:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1941	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	7393	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	6285	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	11578	0.40	ng	0.00
29) Chrysene-d12	21.31	240	13056	0.40	ng	0.00
36) Perylene-d12	23.56	264	13806	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.32	112	625	0.12	ng	0.00
5) Phenol-d6	6.89	99	447	0.06	ng	0.00
8) Nitrobenzene-d5	8.86	82	1798	0.22	ng	-0.01
11) 2-Methylnaphthalene-d10	12.10	152	2977	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	950	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	4764	0.17	ng	-0.01
27) Fluoranthene-d10	19.15	212	10714	0.28	ng	0.00
31) Terphenyl-d14	19.75	244	11602	0.27	ng	0.00

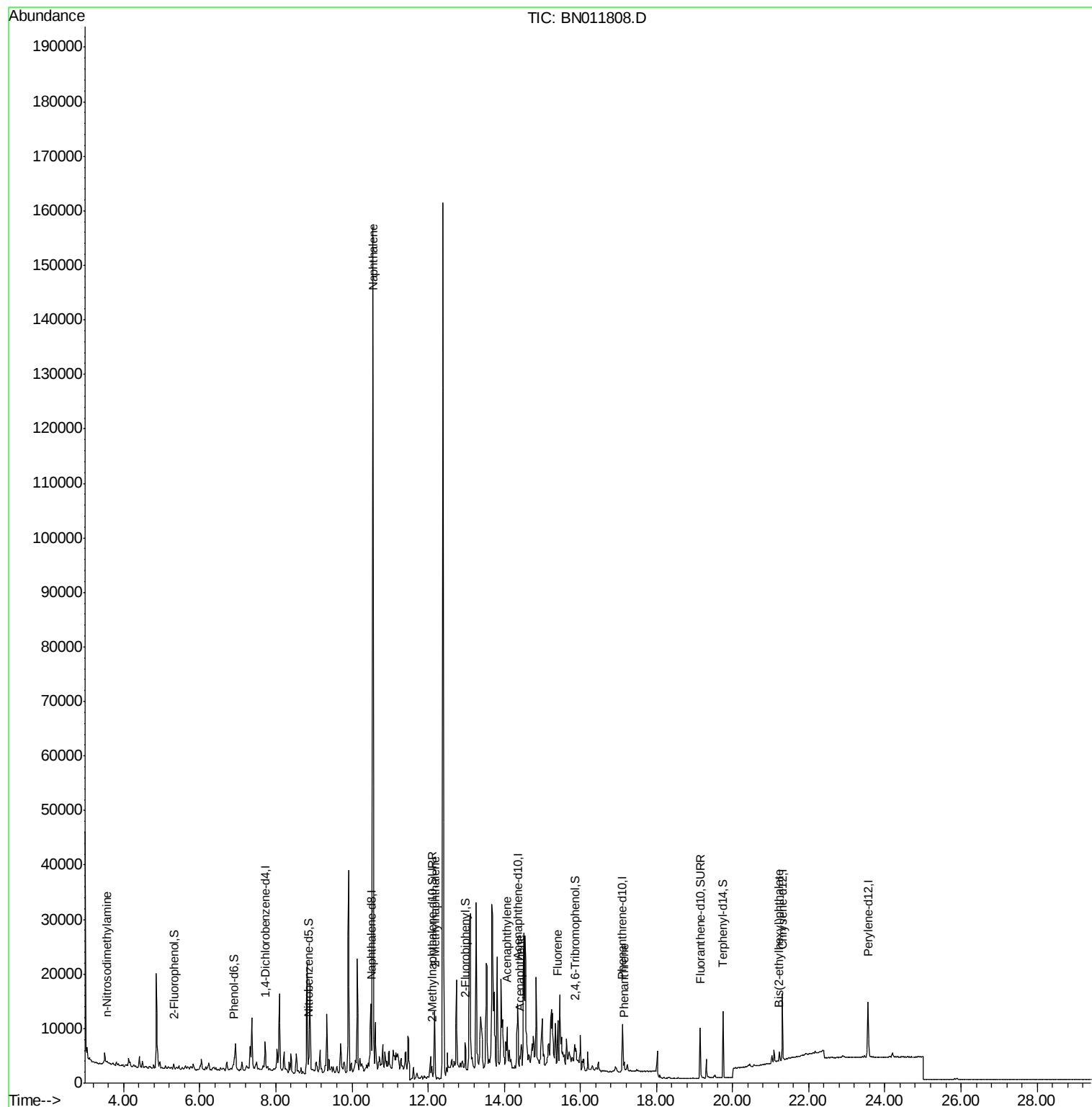
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	40	Below Cal		# 1
3) n-Nitrosodimethylamine	3.58	42	175	0.042	ng	# 15
9) Naphthalene	10.55	128	195381	9.229	ng	# 99
12) 2-Methylnaphthalene	12.17	142	8413	0.554	ng	# 99
16) Acenaphthylene	14.08	152	1078	0.034	ng	# 1
17) Acenaphthene	14.42	154	1093	0.049	ng	# 36
18) Fluorene	15.41	166	4080	0.146	ng	# 93
25) Phenanthrene	17.15	178	1638	0.043	ng	# 81
34) Bis(2-ethylhexyl)phthalate	21.23	149	1794	0.084	ng	# 98

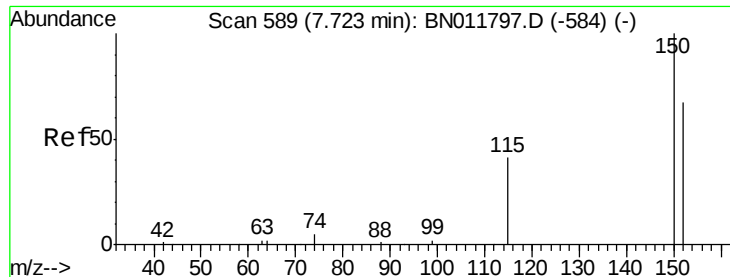
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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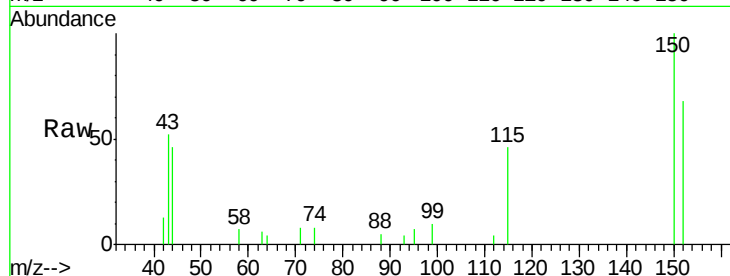


#1

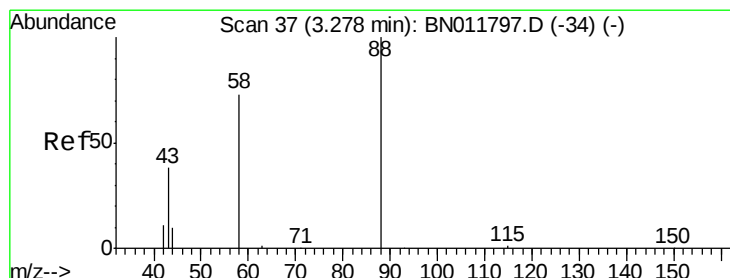
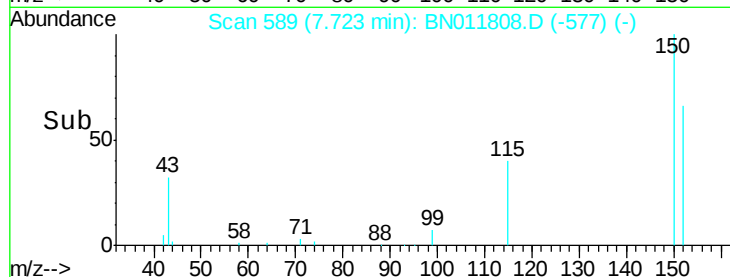
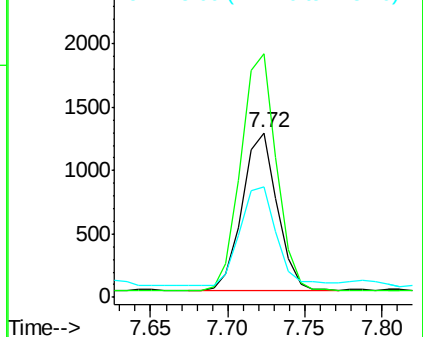
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 589
Delta R.T. -0.00 min
Lab File: BN011808.D
Acq: 15 Sep 2020 19:53

Instrument :
BNA_N
ClientSampleId :
FC-MW03SR1-20200910

Tot Ion:152 Resp: 1941
Ion Ratio Lower Upper
152 100
150 147.9 118.3 177.5
115 67.4 51.3 76.9



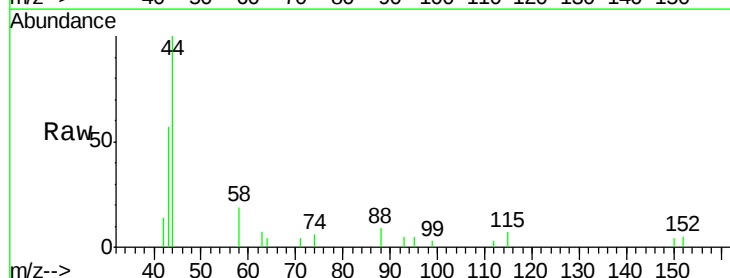
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



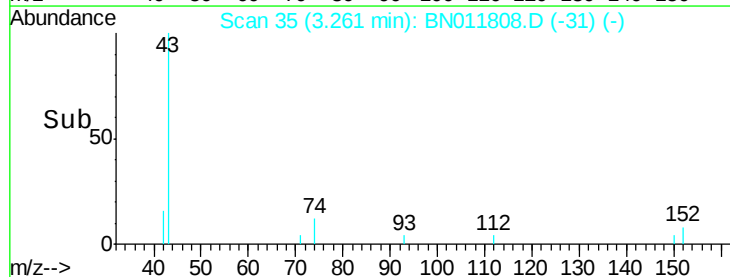
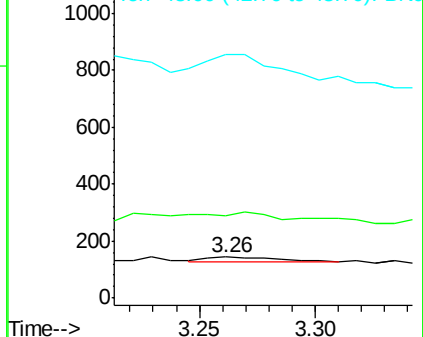
#2

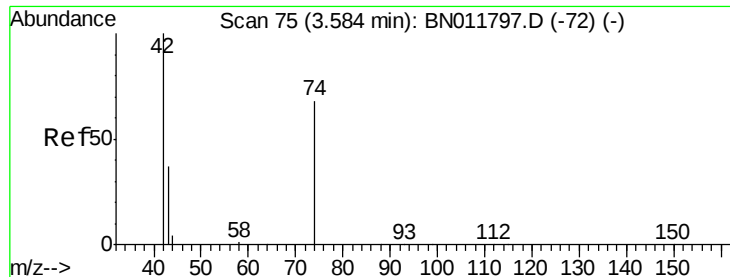
1,4-Dioxane
Concen: Below Cal
RT: 3.26 min Scan# 35
Delta R.T. -0.02 min
Lab File: BN011808.D
Acq: 15 Sep 2020 19:53

Tgt Ion: 88 Resp: 40
Ion Ratio Lower Upper
88 100
58 0.0 63.3 94.9#
43 752.5 33.0 49.4#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.042 ng

RT: 3.58 min Scan# 74

Delta R.T. -0.01 min

Lab File: BN011808.D

Acq: 15 Sep 2020 19:53

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910

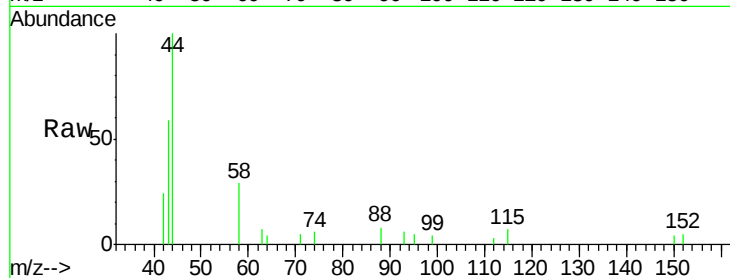
Tot Ion: 42 Resp: 175

Ion Ratio Lower Upper

42 100

74 0.0 64.4 96.6#

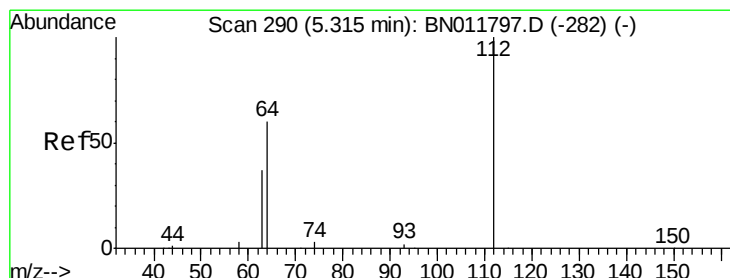
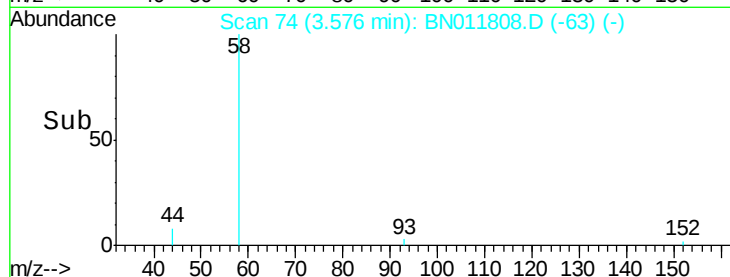
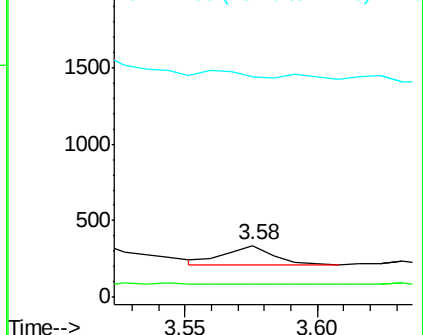
44 0.0 6.7 10.1#



Abundance Ion 42.00 (41.70 to 42.70): BN011797.D (-72) (-)

Ion 74.00 (73.70 to 74.70): BN011797.D (-72) (-)

Ion 44.00 (43.70 to 44.70): BN011797.D (-72) (-)



#4

2-Fluorophenol

Concen: 0.116 ng

RT: 5.32 min Scan# 290

Delta R.T. -0.00 min

Lab File: BN011808.D

Acq: 15 Sep 2020 19:53

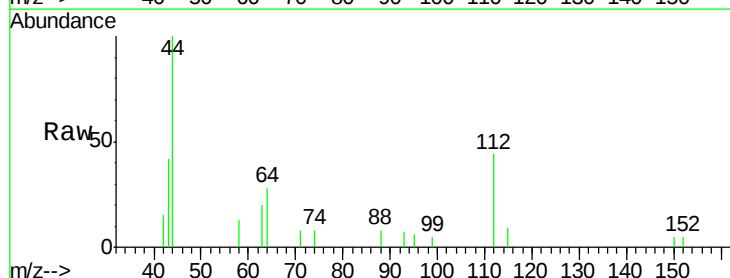
Tgt Ion: 112 Resp: 625

Ion Ratio Lower Upper

112 100

64 60.5 49.0 73.6

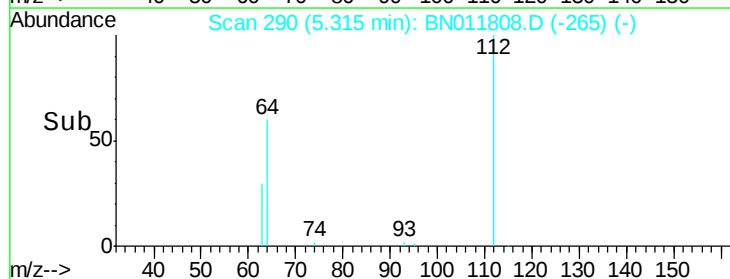
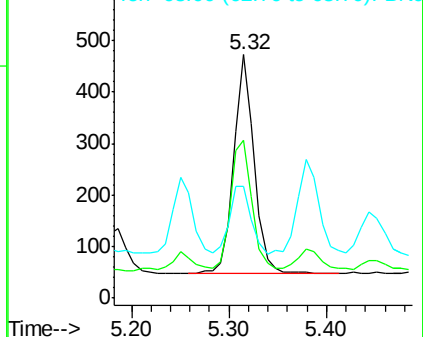
63 33.6 31.8 47.6

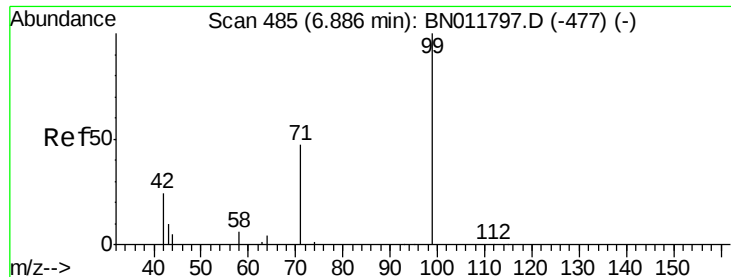


Abundance Ion 112.00 (111.70 to 112.70): BN011797.D (-282) (-)

Ion 64.00 (63.70 to 64.70): BN011797.D (-282) (-)

Ion 63.00 (62.70 to 63.70): BN011797.D (-282) (-)





#5

Phenol-d6

Concen: 0.065 ng

RT: 6.89 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN011808.D

Acq: 15 Sep 2020 19:53

Instrument :

BNA_N

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FC-MW03SR1-20200910

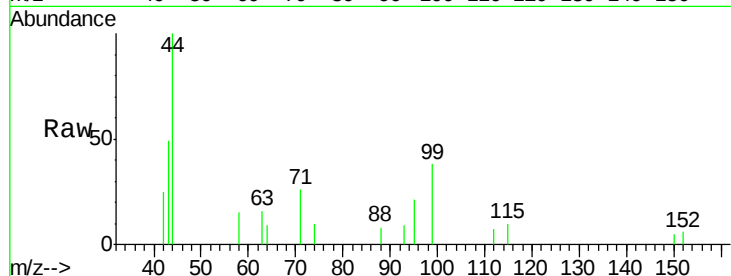
Tot Ion: 99 Resp: 447

Ion Ratio Lower Upper

99 100

42 73.6 23.4 35.0#

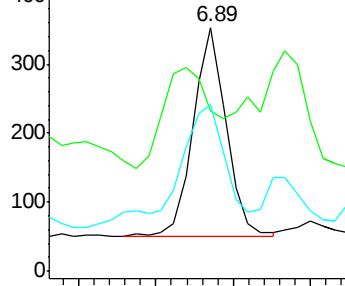
71 86.4 38.1 57.1#



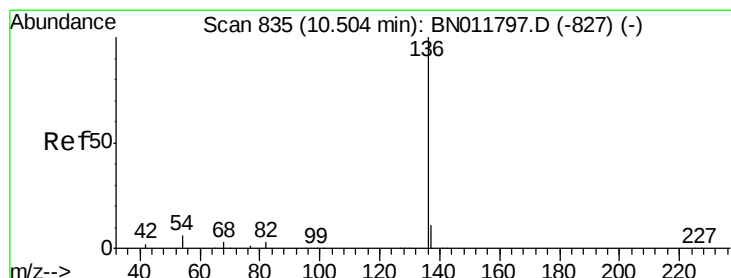
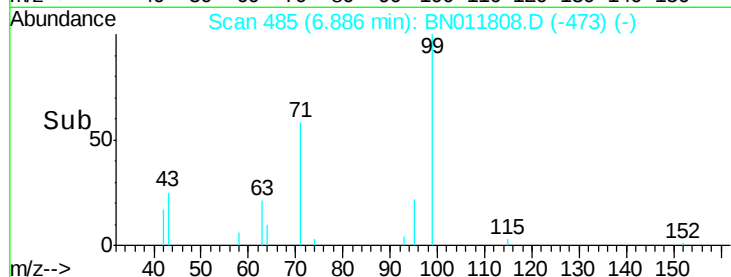
Abundance Ion 99.00 (98.70 to 99.70): BN011797.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN011797.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN011797.D (-477) (-)



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011808.D

Acq: 15 Sep 2020 19:53

Tgt Ion: 136 Resp: 7393

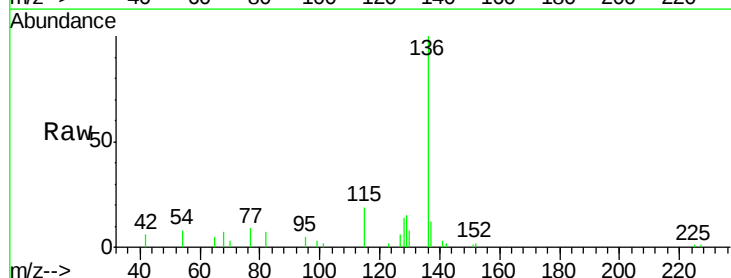
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 8.4 5.6 8.4

68 7.0 3.2 4.8#

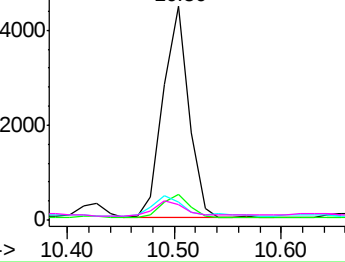


Abundance Ion 136.00 (135.70 to 136.70): BN011797.D (-827) (-)

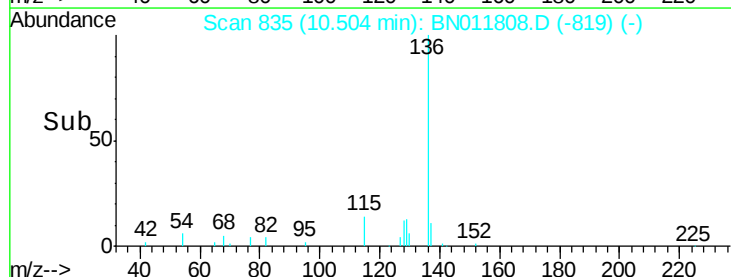
Ion 137.00 (136.70 to 137.70): BN011797.D (-827) (-)

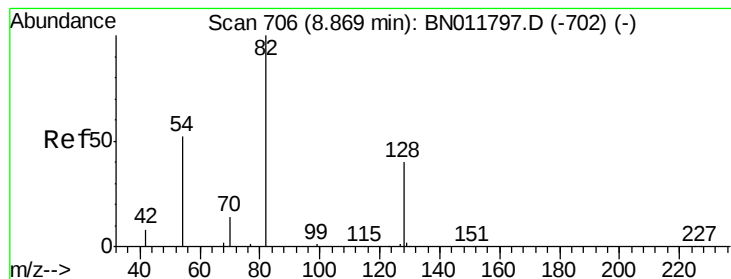
Ion 54.00 (53.70 to 54.70): BN011797.D (-827) (-)

Ion 68.00 (67.70 to 68.70): BN011797.D (-827) (-)



Time-->





#8

Nitrobenzene-d5

Concen: 0.221 ng

RT: 8.86 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN011808.D

Acq: 15 Sep 2020 19:53

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910

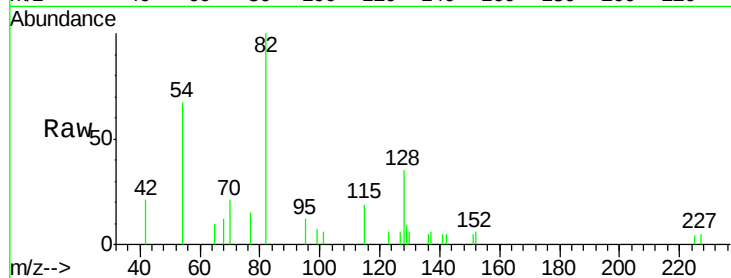
Tot Ion: 82 Resp: 1798

Ion Ratio Lower Upper

82 100

128 34.9 34.2 51.2

54 66.8 43.1 64.7#

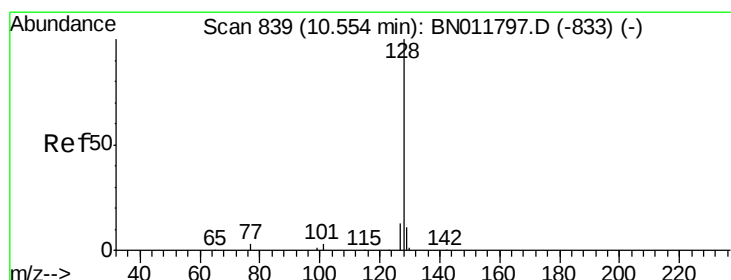
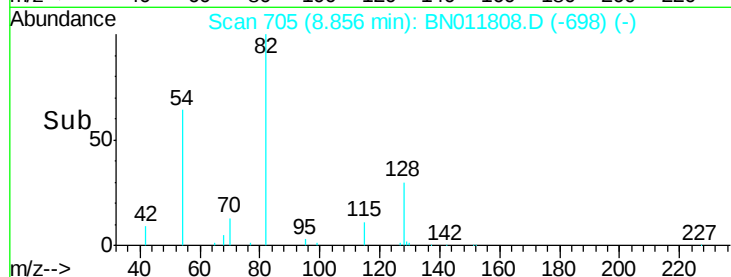
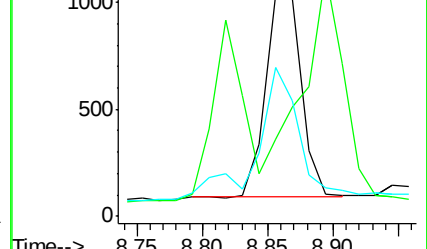


Abundance Ion 82.00 (81.70 to 82.70): BN011797.D (-702) (-)

Ion 128.00 (127.70 to 128.70): BN011797.D (-702) (-)

Ion 54.00 (53.70 to 54.70): BN011797.D (-702) (-)

Time-->



#9

Naphthalene

Concen: 9.229 ng

RT: 10.55 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011808.D

Acq: 15 Sep 2020 19:53

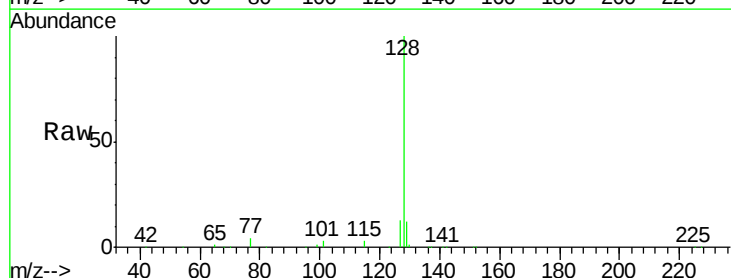
Tgt Ion:128 Resp: 195381

Ion Ratio Lower Upper

128 100

129 11.8 9.7 14.5

127 13.2 11.0 16.4

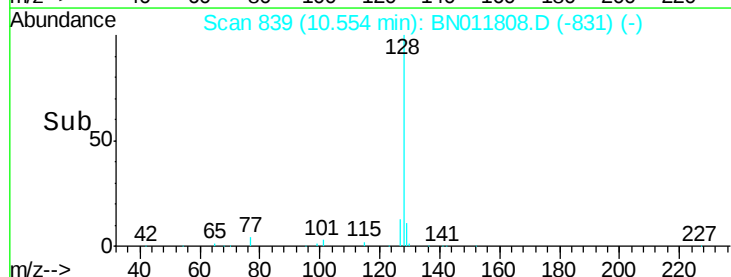
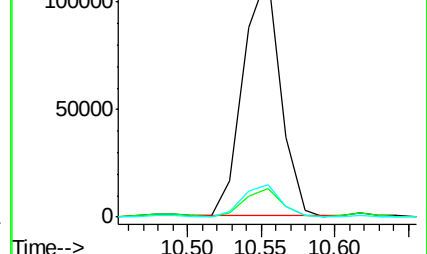


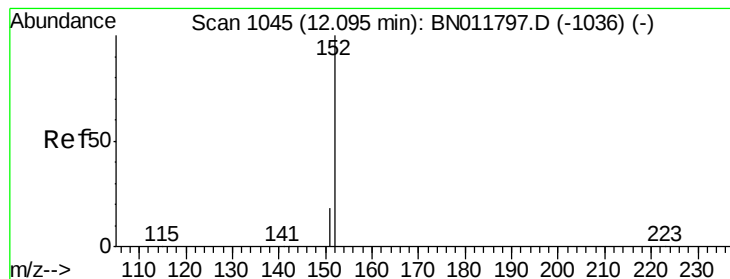
Abundance Ion 128.00 (127.70 to 128.70): BN011797.D (-833) (-)

Ion 129.00 (128.70 to 129.70): BN011797.D (-833) (-)

Ion 127.00 (126.70 to 127.70): BN011797.D (-833) (-)

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.214 ng

RT: 12.10 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BN011808.D

Acq: 15 Sep 2020 19:53

Instrument :

BNA_N

ClientSampleId :

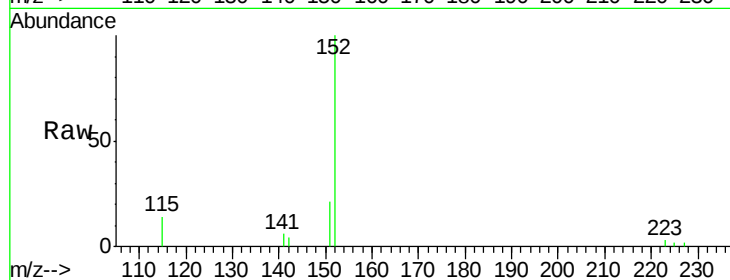
FC-MW03SR1-20200910

Tot Ion:152 Resp: 2977

Ion Ratio Lower Upper

152 100

151 23.0 16.7 25.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.10

2000

1500

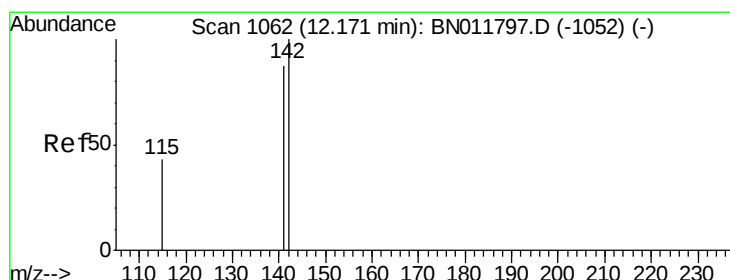
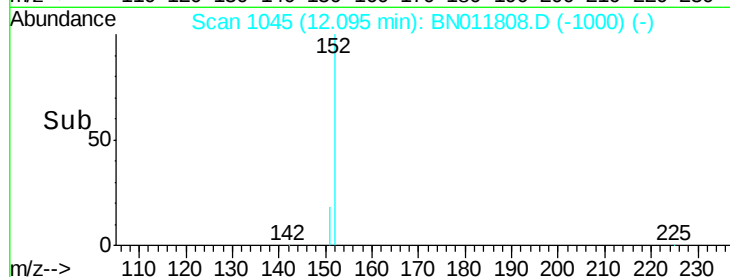
1000

500

0

Time-->

12.05 12.10 12.15



#12

2-Methylnaphthalene

Concen: 0.554 ng

RT: 12.17 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BN011808.D

Acq: 15 Sep 2020 19:53

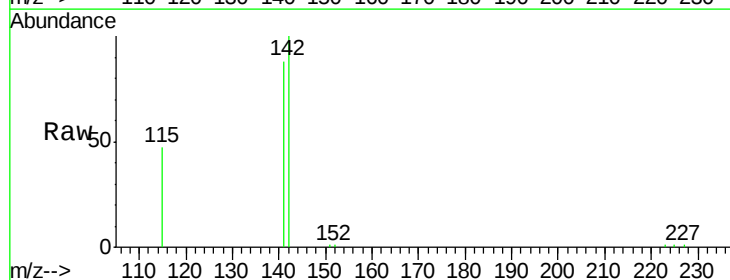
Tgt Ion:142 Resp: 8413

Ion Ratio Lower Upper

142 100

141 88.0 70.0 105.0

115 46.8 35.8 53.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.17

6000

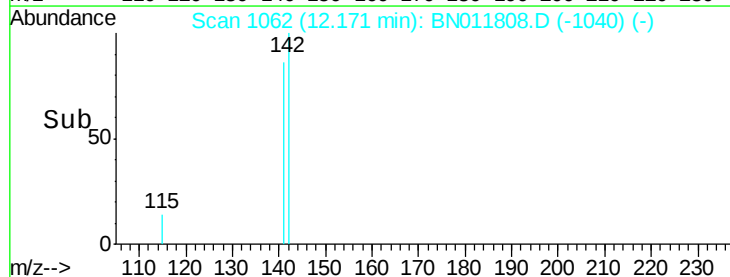
4000

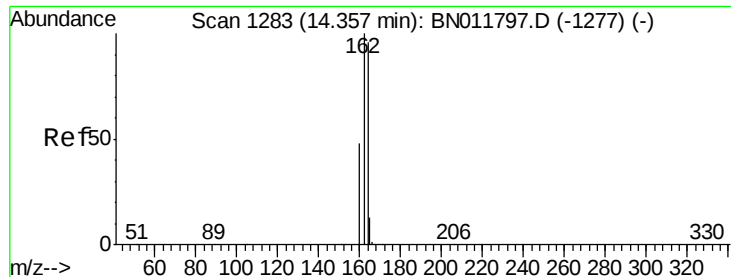
2000

0

Time-->

12.10 12.15 12.20 12.25





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BN011808.D

Acq: 15 Sep 2020 19:53

Instrument :

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FC-MW03SR1-20200910

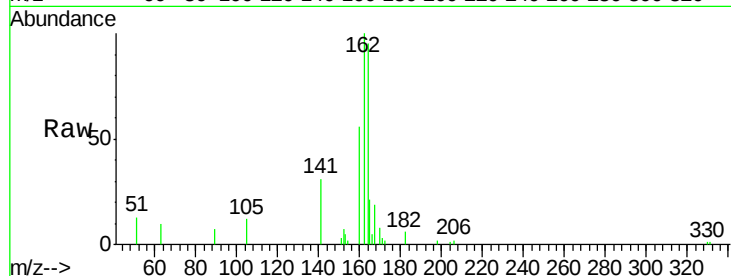
Tot Ion:164 Resp: 6285

Ion Ratio Lower Upper

164 100

162 105.2 83.6 125.4

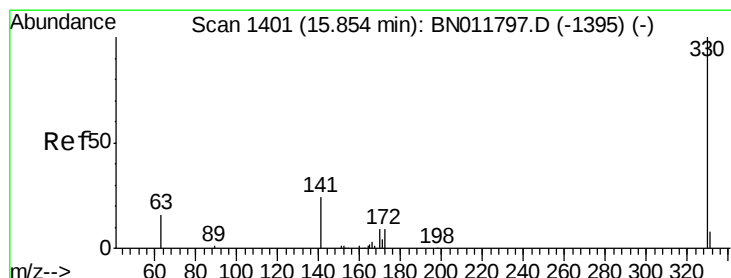
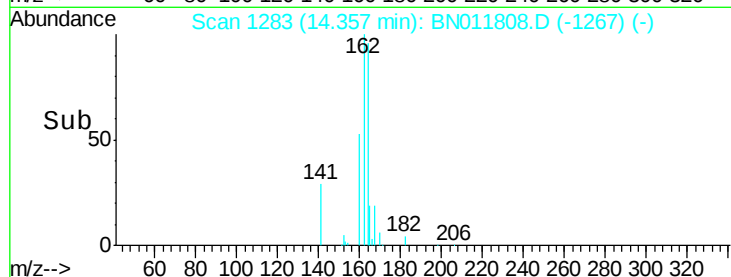
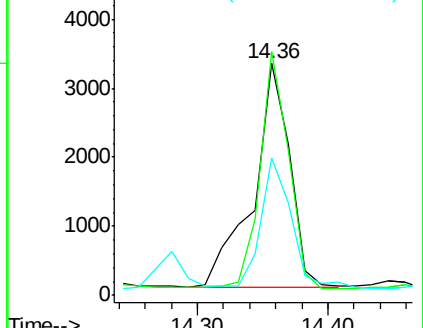
160 59.2 41.2 61.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.276 ng

RT: 15.85 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BN011808.D

Acq: 15 Sep 2020 19:53

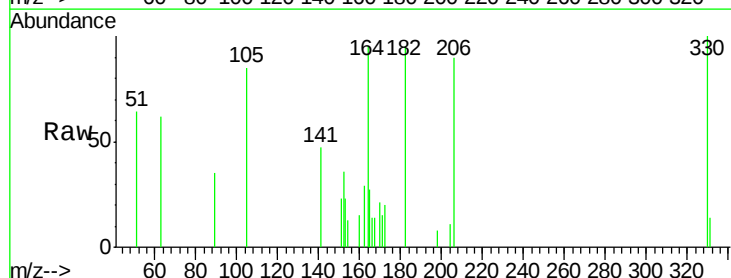
Tgt Ion:330 Resp: 950

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

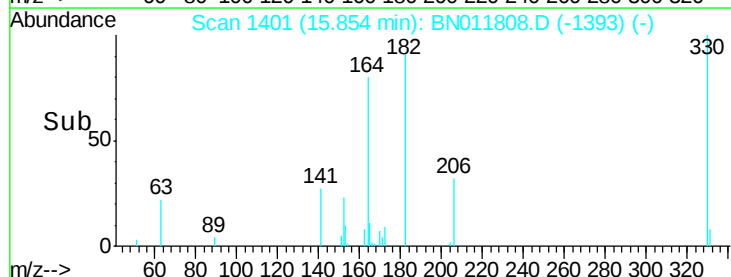
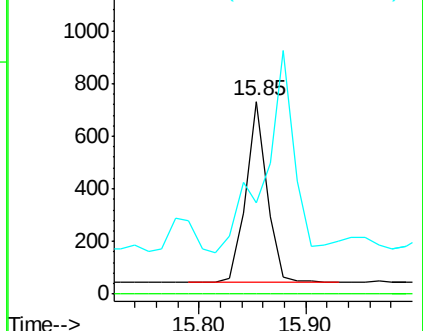
141 0.0 33.7 50.5#

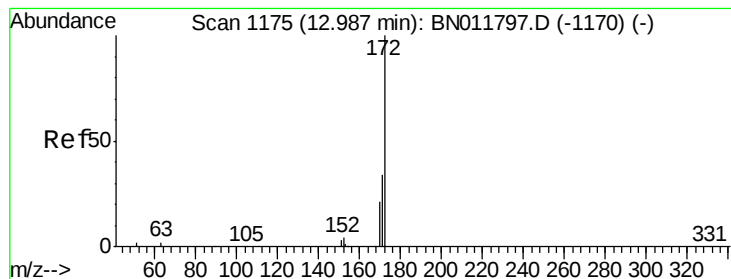


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.169 ng

RT: 12.97 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BN011808.D

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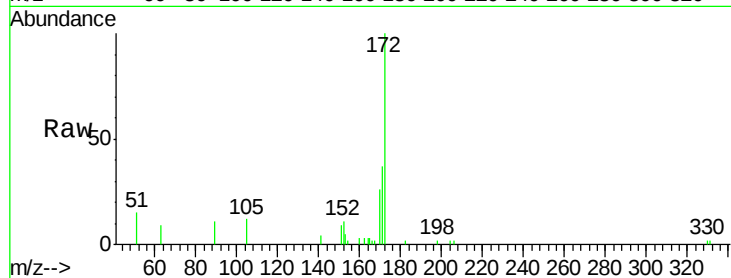
Tot Ion:172 Resp: 4764

Ion Ratio Lower Upper

172 100

171 37.3 27.4 41.2

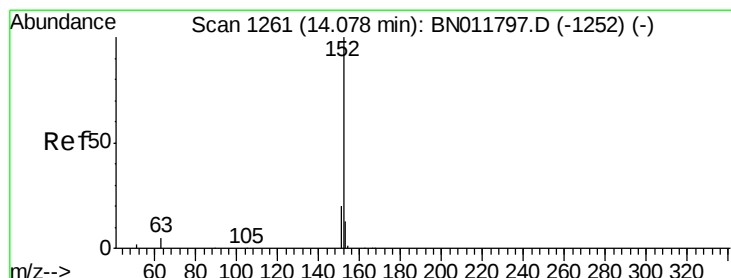
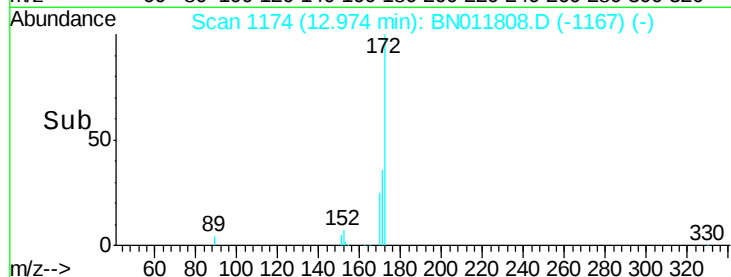
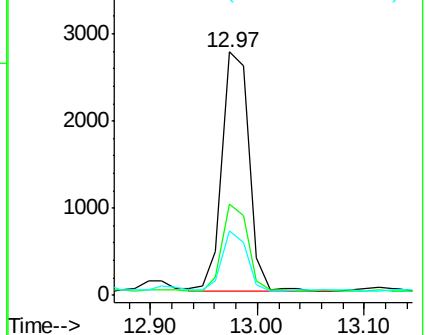
170 26.4 17.8 26.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.034 ng

RT: 14.08 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BN011808.D

Acq: 15 Sep 2020 19:53

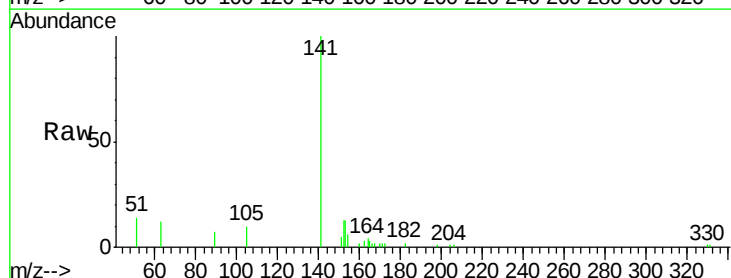
Tgt Ion:152 Resp: 1078

Ion Ratio Lower Upper

152 100

151 31.4 15.9 23.9#

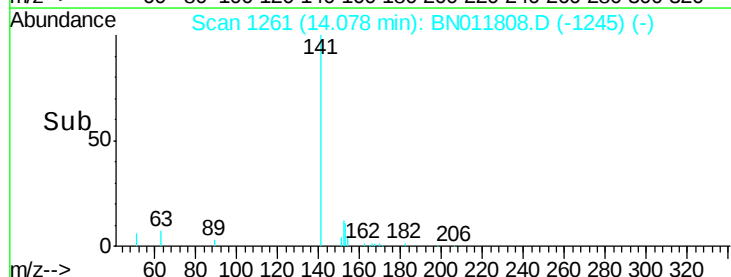
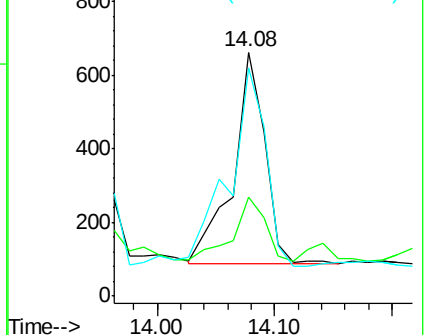
153 111.9 10.5 15.7#

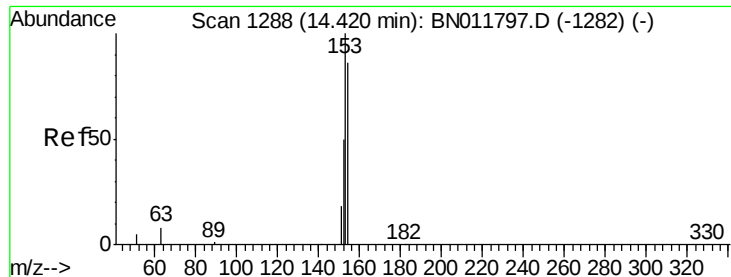


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.049 ng

RT: 14.42 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BN011808.D

Acq: 15 Sep 2020 19:53

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910

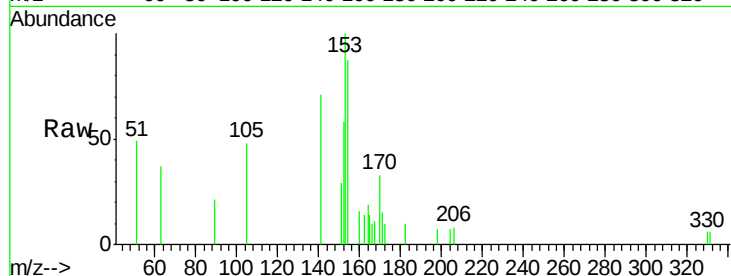
Tot Ion:154 Resp: 1093

Ion Ratio Lower Upper

154 100

153 164.7 83.4 125.2#

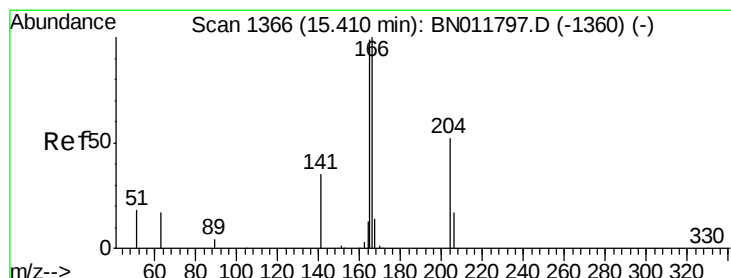
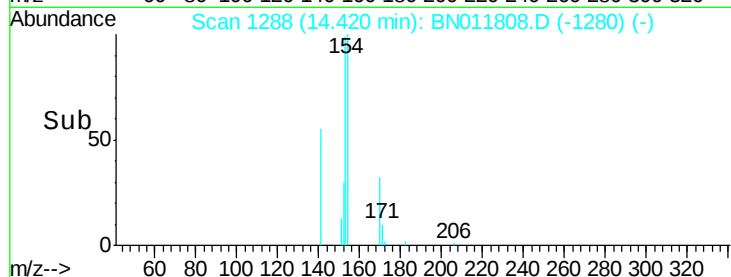
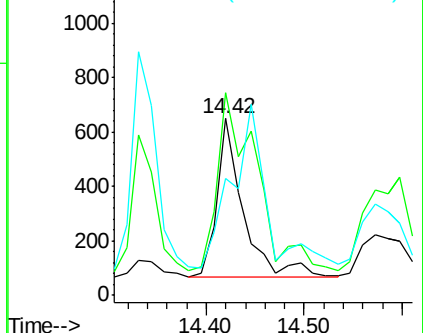
152 0.0 42.8 64.2#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.146 ng

RT: 15.41 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BN011808.D

Acq: 15 Sep 2020 19:53

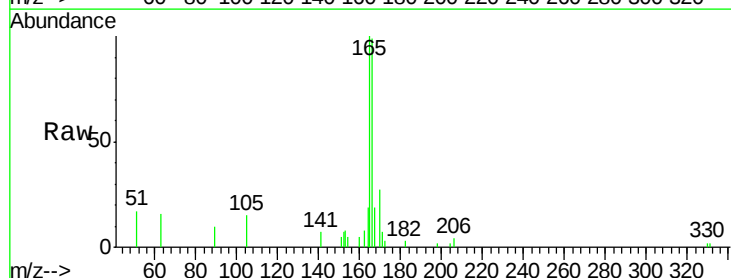
Tgt Ion:166 Resp: 4080

Ion Ratio Lower Upper

166 100

165 105.0 78.8 118.2

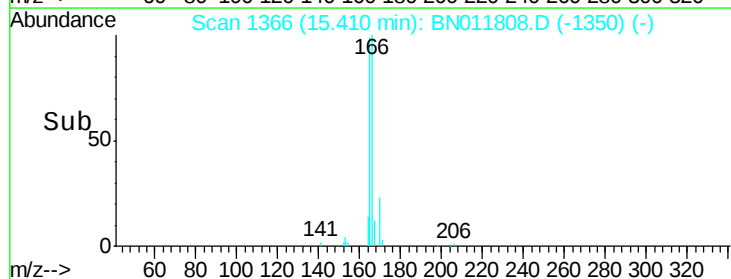
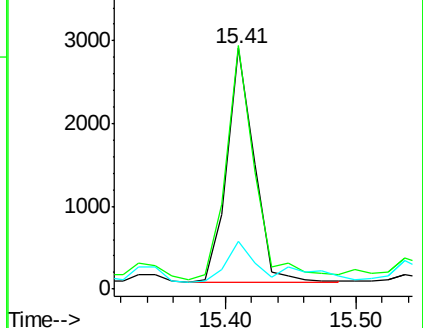
167 18.2 11.2 16.8#

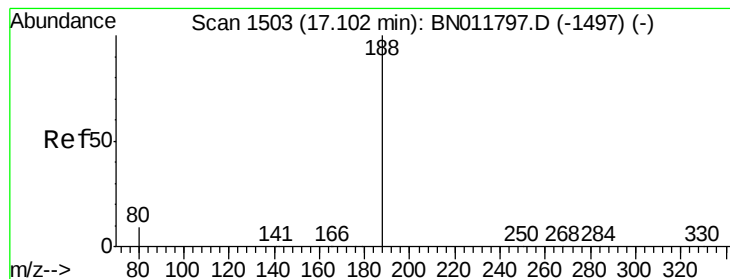


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.10 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BN011808.D

Acq: 15 Sep 2020 19:53

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910

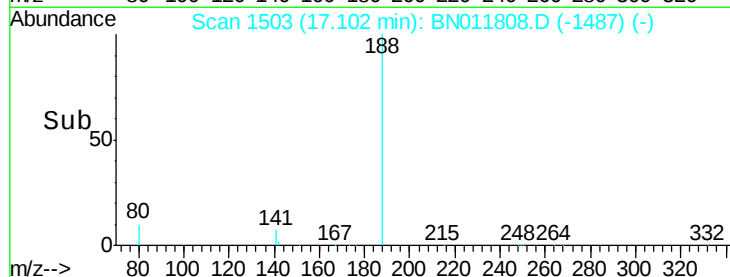
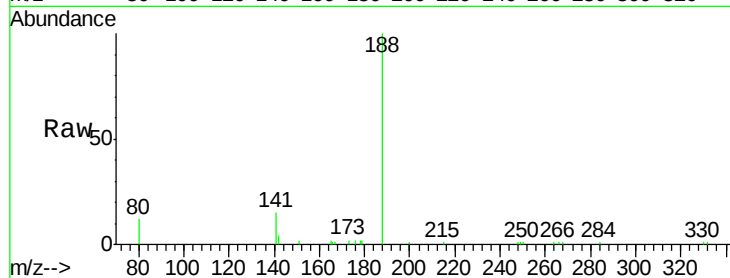
Tot Ion:188 Resp: 11578

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

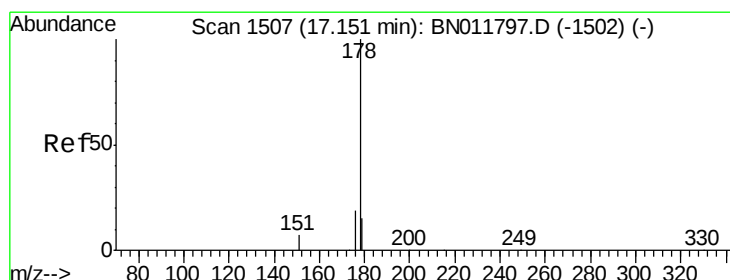
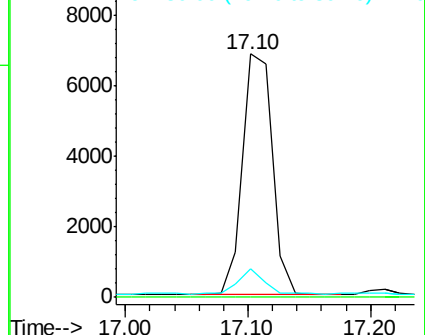
80 11.6 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#25

Phenanthrene

Concen: 0.043 ng

RT: 17.15 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN011808.D

Acq: 15 Sep 2020 19:53

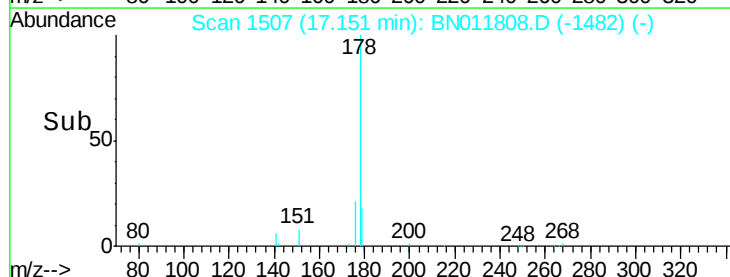
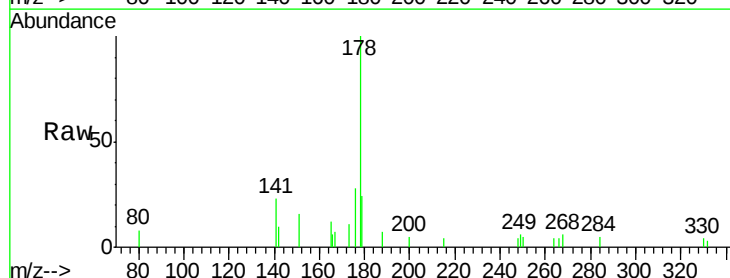
Tgt Ion:178 Resp: 1638

Ion Ratio Lower Upper

178 100

176 27.5 15.1 22.7#

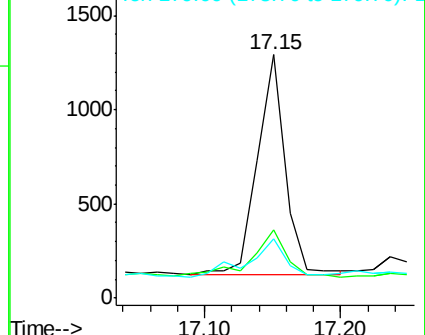
179 23.2 12.3 18.5#

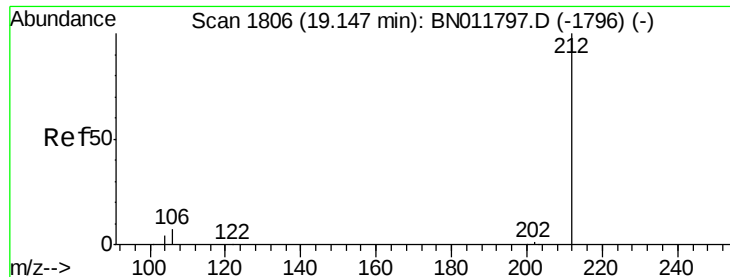


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.284 ng

RT: 19.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BN011808.D

Acq: 15 Sep 2020 19:53

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910

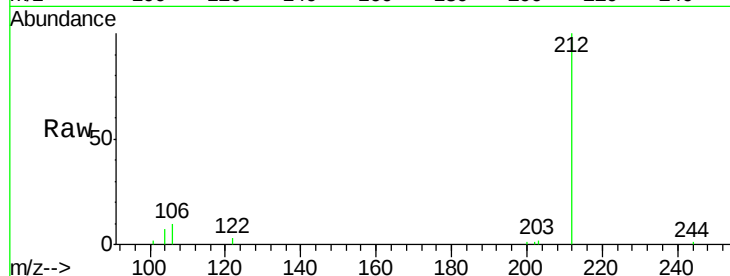
Tot Ion:212 Resp: 10714

Ion Ratio Lower Upper

212 100

106 10.6 6.4 9.6#

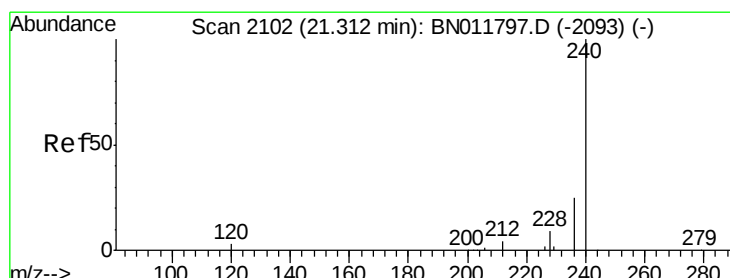
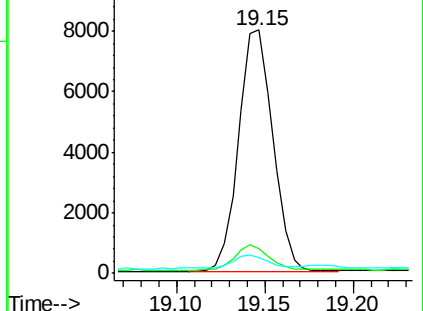
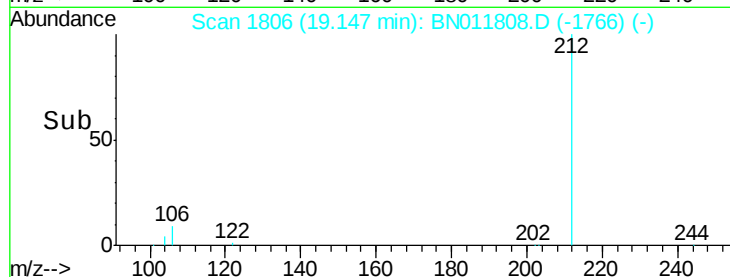
104 5.8 3.9 5.9



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.31 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011808.D

Acq: 15 Sep 2020 19:53

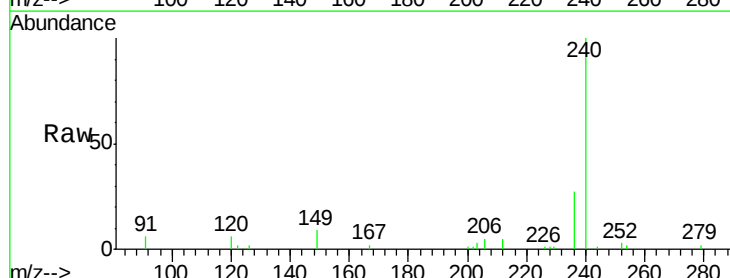
Tgt Ion:240 Resp: 13056

Ion Ratio Lower Upper

240 100

120 6.1 3.5 5.3#

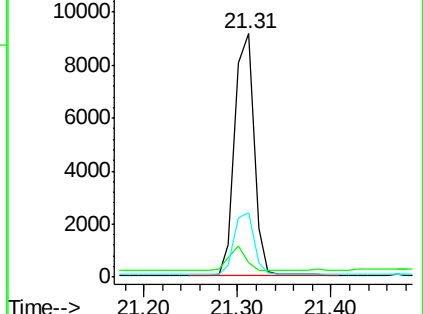
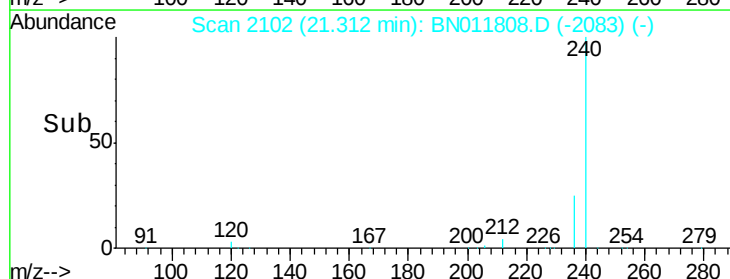
236 26.5 20.5 30.7

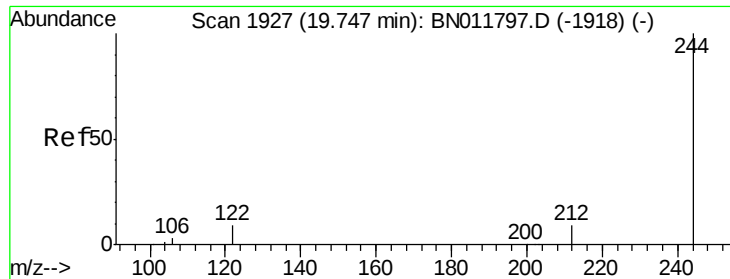


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.268 ng

RT: 19.75 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BN011808.D

Acq: 15 Sep 2020 19:53

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910

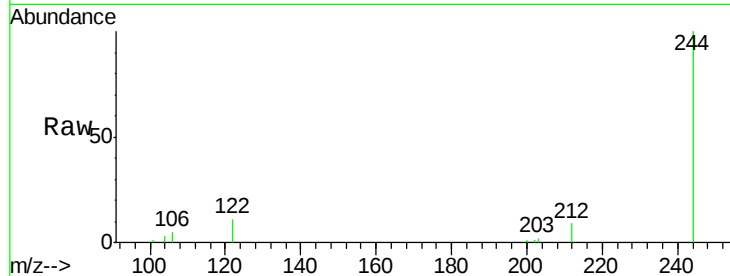
Tot Ion:244 Resp: 11602

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

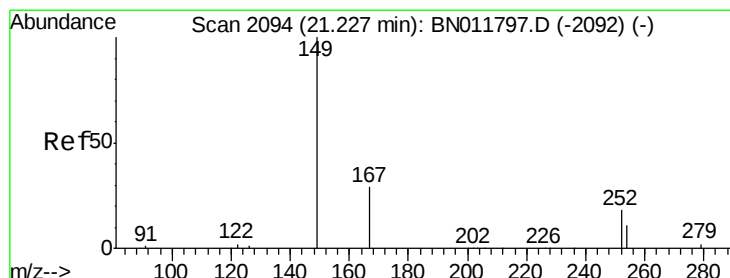
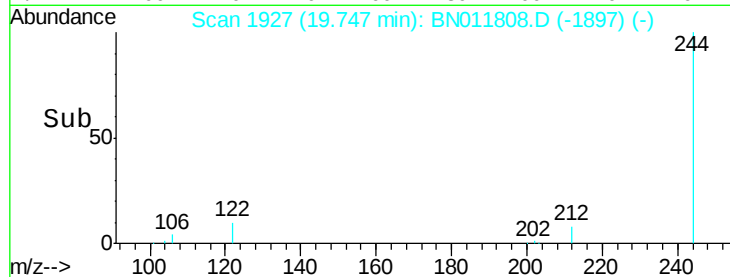
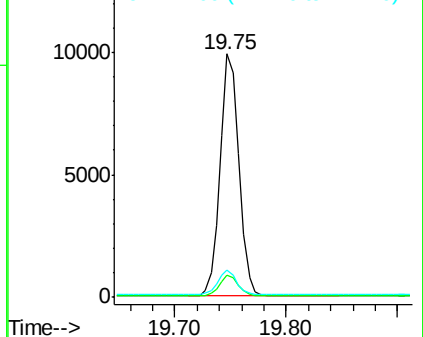
122 11.1 7.8 11.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.084 ng

RT: 21.23 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BN011808.D

Acq: 15 Sep 2020 19:53

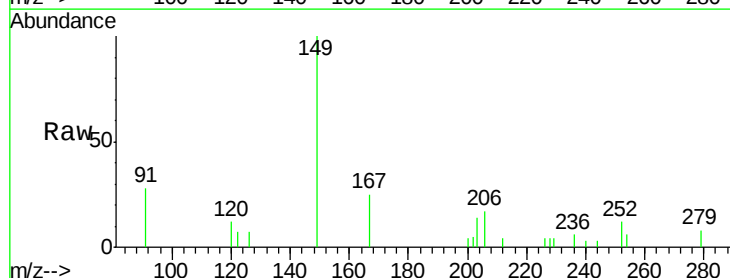
Tgt Ion:149 Resp: 1794

Ion Ratio Lower Upper

149 100

167 29.0 23.6 35.4

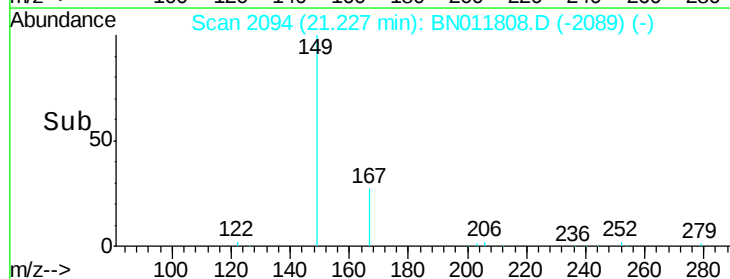
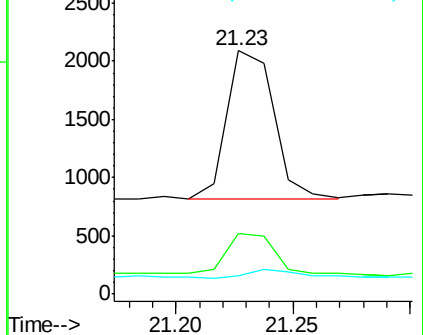
279 7.0 4.0 6.0#

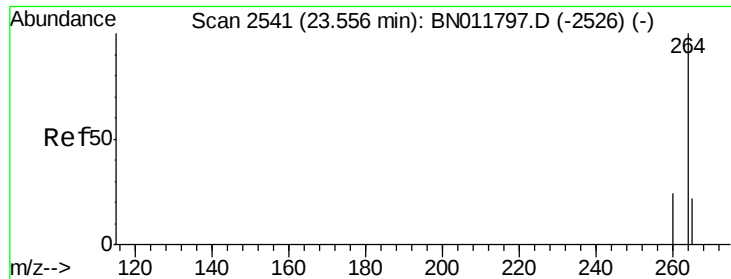


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

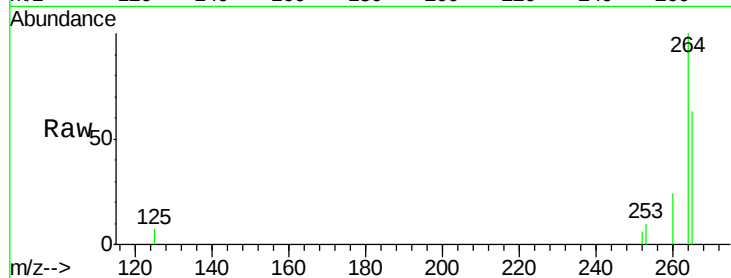




#36
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.56 min Scan# 2542
 Delta R.T. 0.00 min
 Lab File: BN011808.D
 Acq: 15 Sep 2020 19:53

Instrument :
 BNA_N
 ClientSampleId :
 FC-MW03SR1-20200910

Tot Ion: 264 Resp: 13806
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 63.0 38.6 58.0#



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

