

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN091620\
 Data File : BN011814.D
 Acq On : 16 Sep 2020 12:44
 Operator : CG/JU
 Sample : L3988-25
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FC-MW1011-20200910

Quant Time: Sep 16 13:16:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 12:37:34 2020
 Response via : Initial Calibration

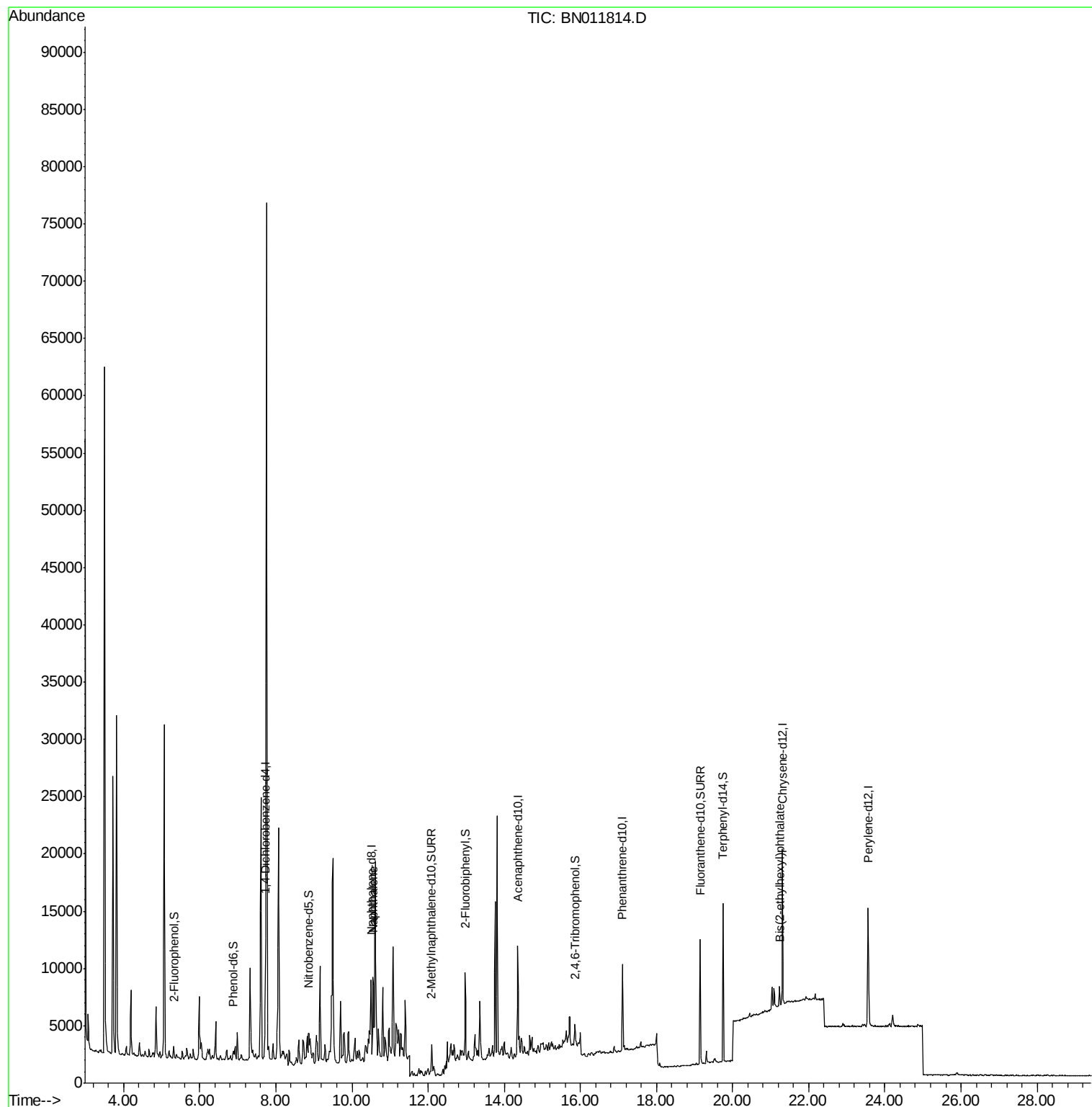
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1953	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	7386	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	4851	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	10949	0.40	ng	0.00
29) Chrysene-d12	21.31	240	12789	0.40	ng	0.00
36) Perylene-d12	23.56	264	13786	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	780	0.14	ng	0.00
5) Phenol-d6	6.89	99	573	0.08	ng	0.00
8) Nitrobenzene-d5	8.86	82	2158	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.10	152	3553	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1183	0.45	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	6484	0.30	ng	0.00
27) Fluoranthene-d10	19.15	212	12691	0.36	ng	0.00
31) Terphenyl-d14	19.75	244	13905	0.36	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	41	Below Cal	#	1
9) Naphthalene	10.55	128	2931	0.139 ng	#	1
34) Bis(2-ethylhexyl)phthalate	21.24	149	1657	0.079 ng		97

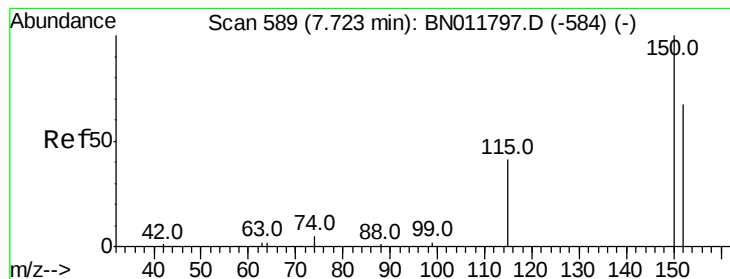
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN011814.D

Acq: 16 Sep 2020 12:44

Instrument :

BNA_N

ClientSampleId :

FC-MW1011-20200910

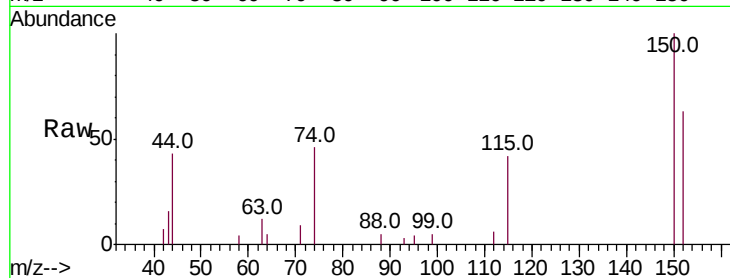
Tot Ion:152 Resp: 1953

Ion Ratio Lower Upper

152 100

150 157.8 118.3 177.5

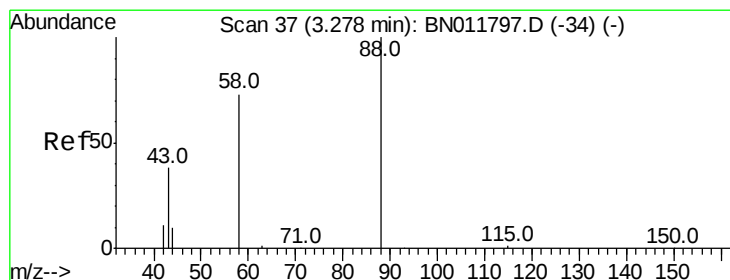
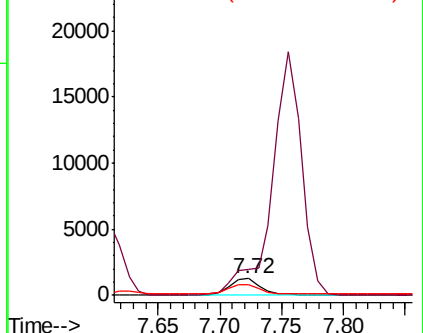
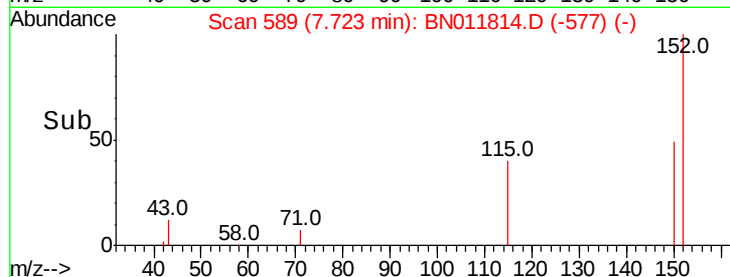
115 66.2 51.3 76.9



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: 3.29 min Scan# 38

Delta R.T. 0.01 min

Lab File: BN011814.D

Acq: 16 Sep 2020 12:44

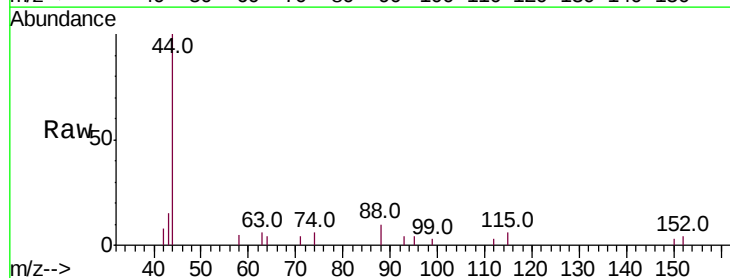
Tgt Ion: 88 Resp: 41

Ion Ratio Lower Upper

88 100

58 114.6 63.3 94.9#

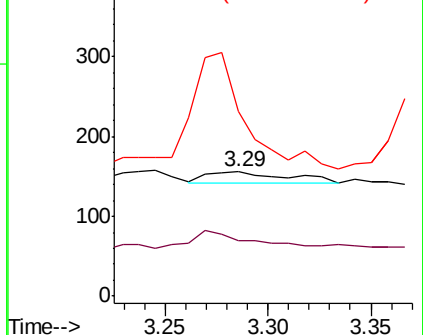
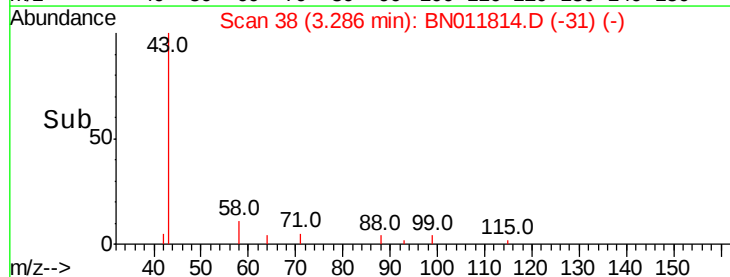
43 622.0 33.0 49.4#

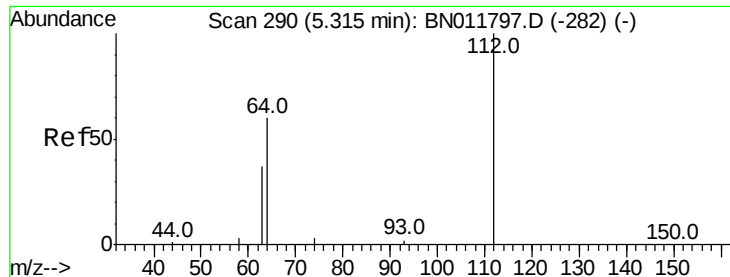


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.144 ng

RT: 5.32 min Scan# 290

Delta R.T. -0.00 min

Lab File: BN011814.D

Acq: 16 Sep 2020 12:44

Instrument :

BNA_N

ClientSampleId :

FC-MW1011-20200910

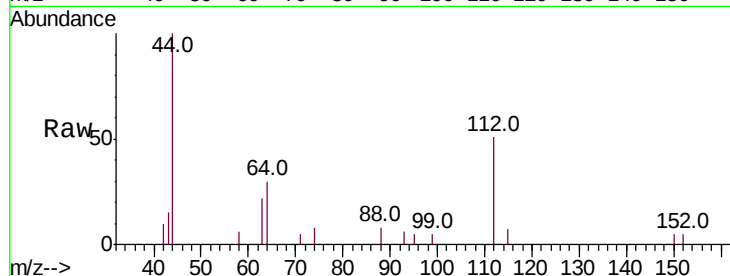
Tot Ion:112 Resp: 780

Ion Ratio Lower Upper

112 100

64 56.4 49.0 73.6

63 34.5 31.8 47.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B

600

400

200

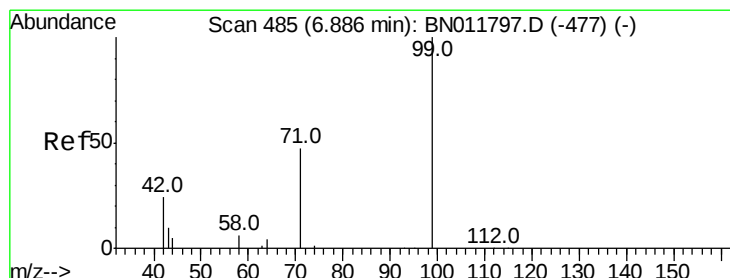
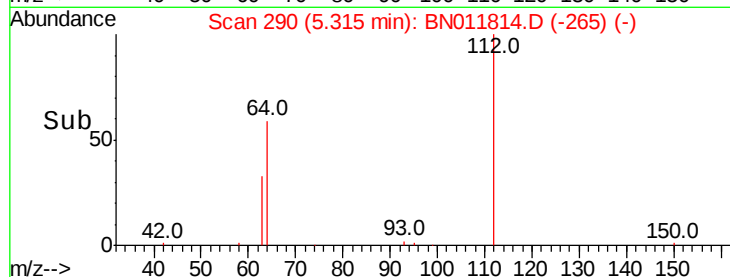
0

5.20

5.30

5.40

Time-->



#5

Phenol-d6

Concen: 0.082 ng

RT: 6.89 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN011814.D

Acq: 16 Sep 2020 12:44

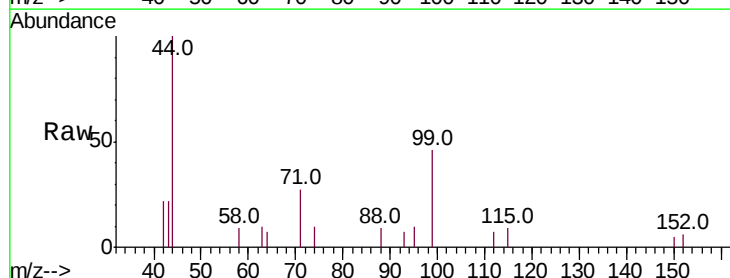
Tgt Ion: 99 Resp: 573

Ion Ratio Lower Upper

99 100

42 43.8 23.4 35.0#

71 54.6 38.1 57.1



Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

500

400

300

200

100

0

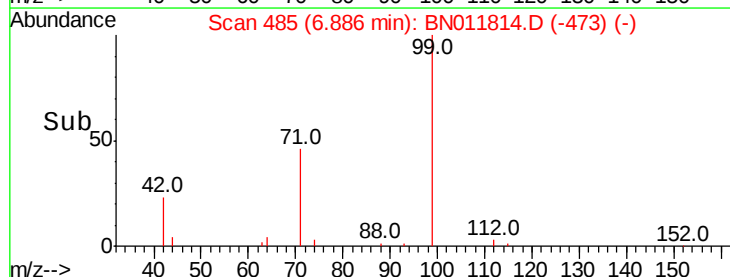
6.80

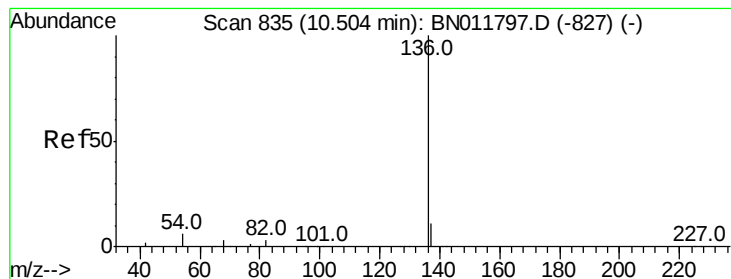
6.85

6.90

6.95

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011814.D

Acq: 16 Sep 2020 12:44

Instrument :

BNA_N

ClientSampleId :

FC-MW1011-20200910

Tot Ion:136 Resp: 7386

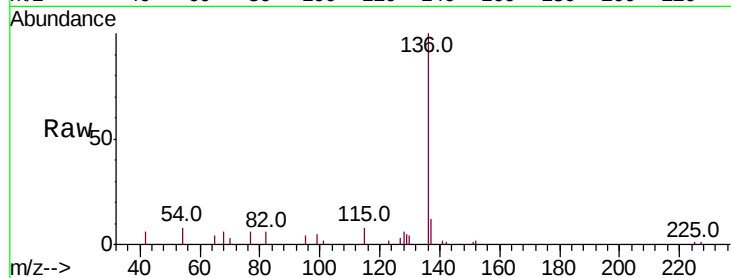
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 8.3 5.6 8.4

68 6.3 3.2 4.8#

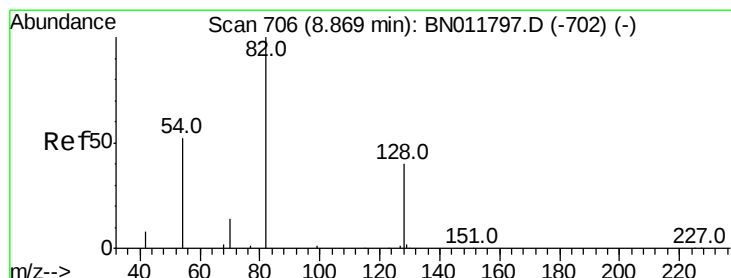
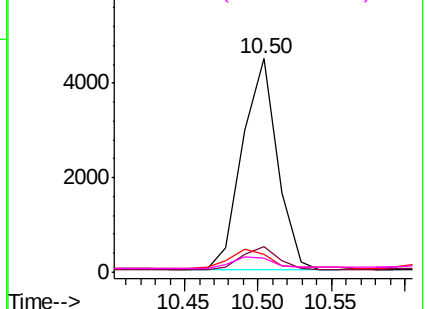
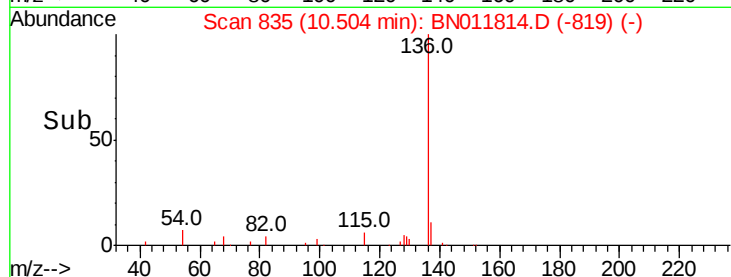


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.265 ng

RT: 8.86 min Scan# 705

Delta R.T. -0.00 min

Lab File: BN011814.D

Acq: 16 Sep 2020 12:44

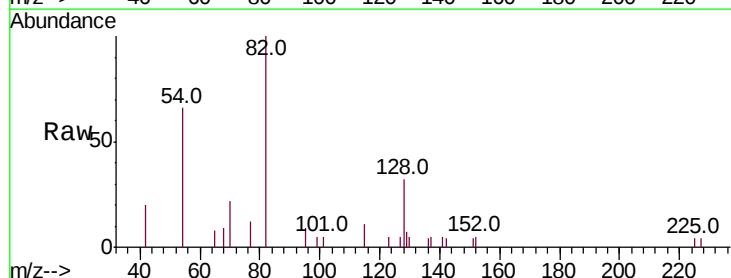
Tgt Ion: 82 Resp: 2158

Ion Ratio Lower Upper

82 100

128 31.8 34.2 51.2#

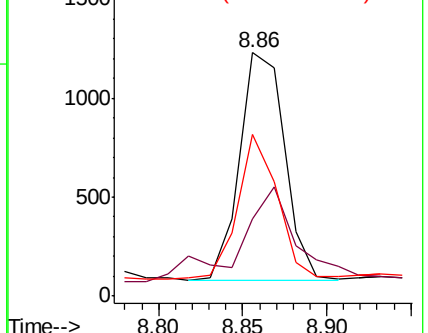
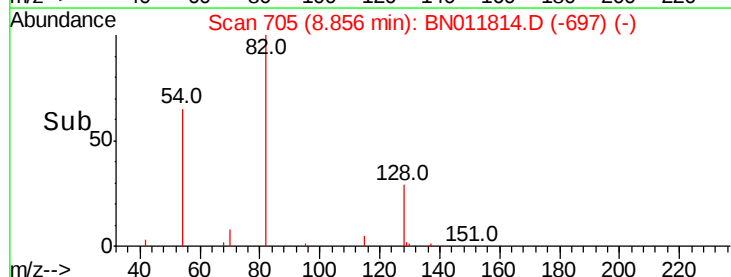
54 66.2 43.1 64.7#

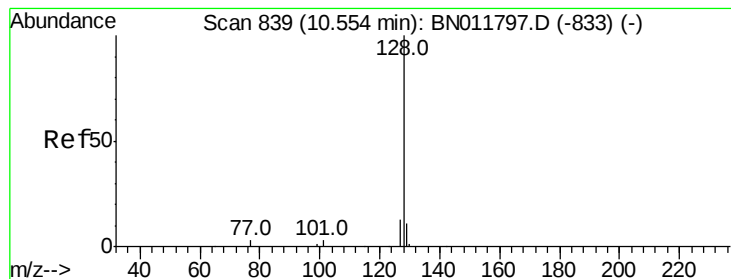


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.139 ng

RT: 10.55 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011814.D

Acq: 16 Sep 2020 12:44

Instrument :

BNA_N

ClientSampleId :

FC-MW1011-20200910

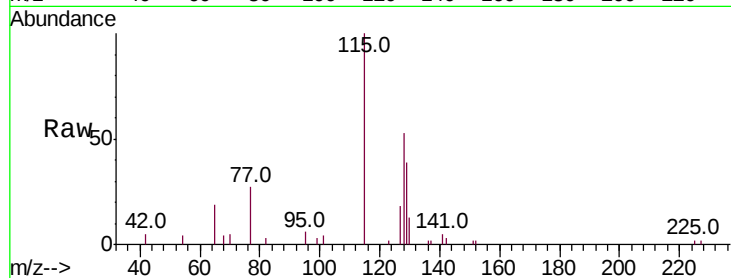
Tot Ion:128 Resp: 2931

Ion Ratio Lower Upper

128 100

129 73.6 9.7 14.5#

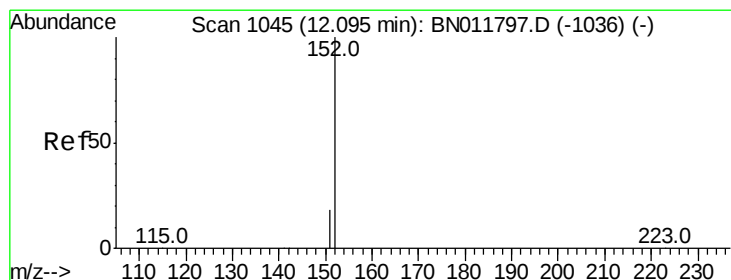
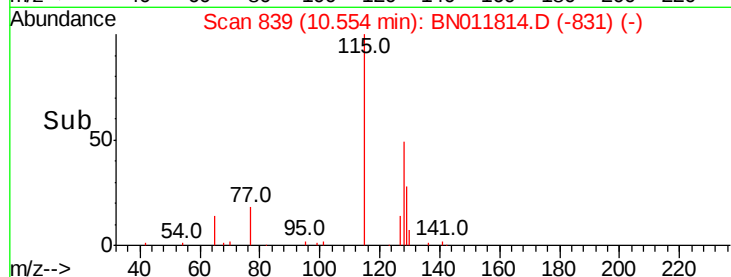
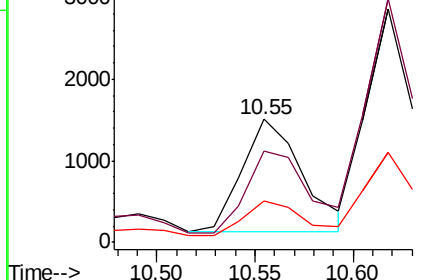
127 34.1 11.0 16.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.256 ng

RT: 12.10 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BN011814.D

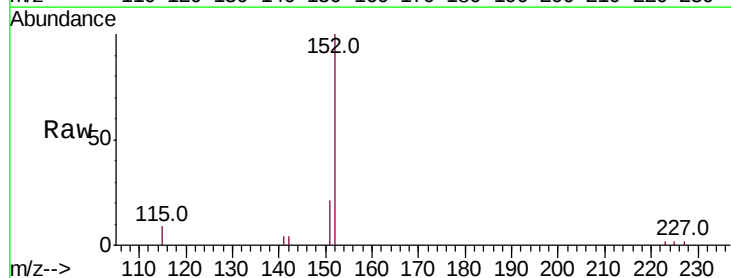
Acq: 16 Sep 2020 12:44

Tgt Ion:152 Resp: 3553

Ion Ratio Lower Upper

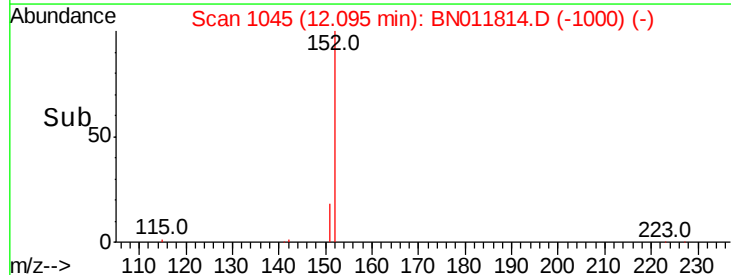
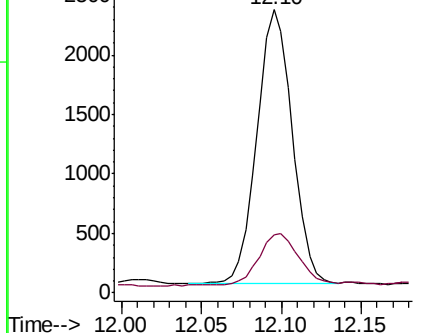
152 100

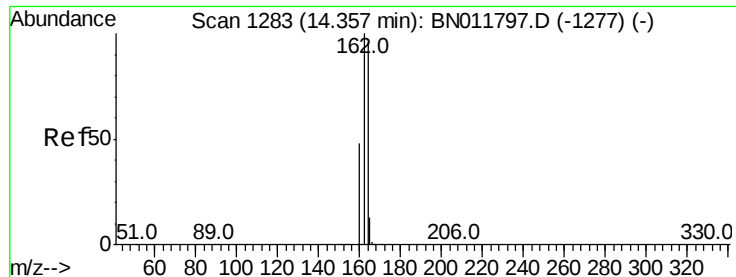
151 22.5 16.7 25.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BN011814.D

Acq: 16 Sep 2020 12:44

Instrument :

BNA_N

ClientSampleId :

FC-MW1011-20200910

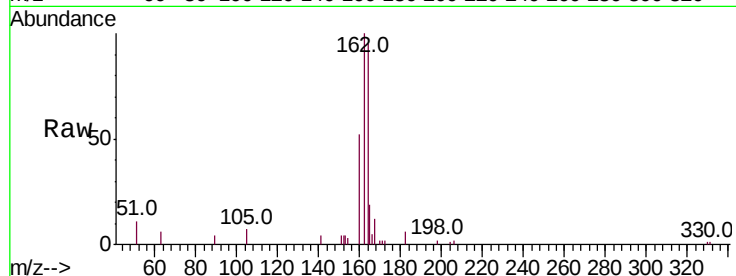
Tot Ion:164 Resp: 4851

Ion Ratio Lower Upper

164 100

162 105.8 83.6 125.4

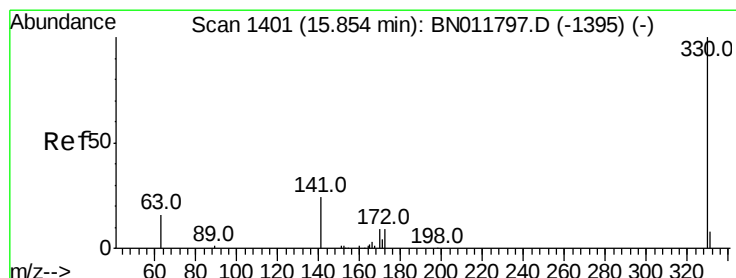
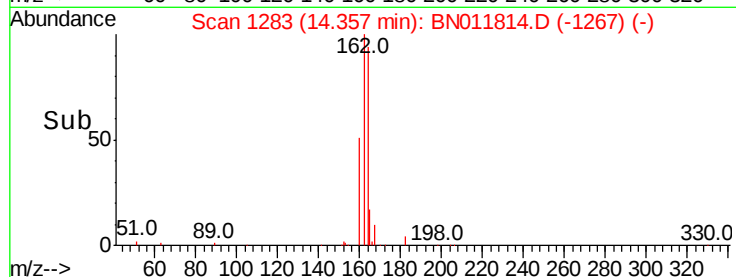
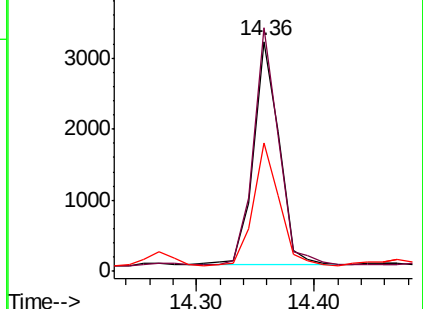
160 55.5 41.2 61.8



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: 0.445 ng

RT: 15.85 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BN011814.D

Acq: 16 Sep 2020 12:44

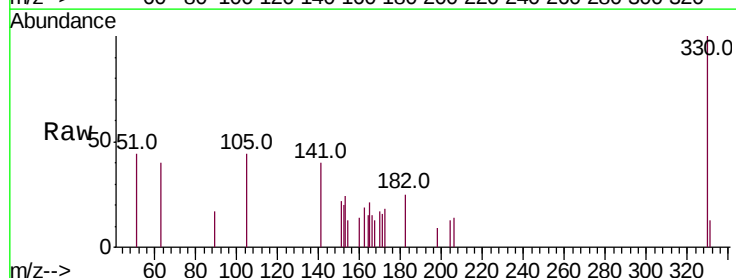
Tgt Ion:330 Resp: 1183

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

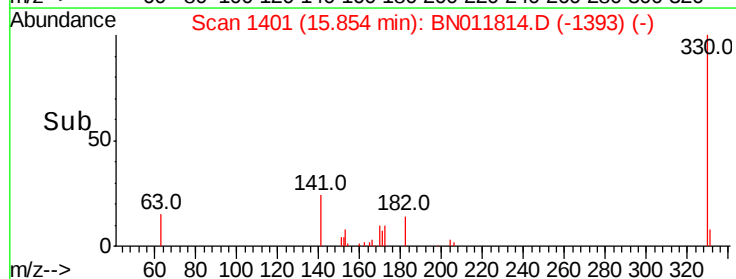
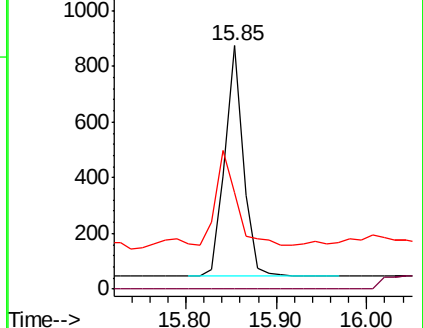
141 43.8 33.7 50.5

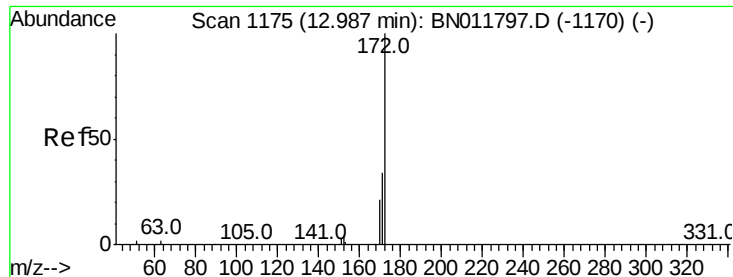


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

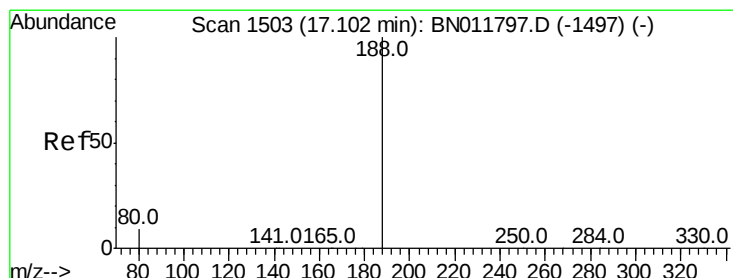
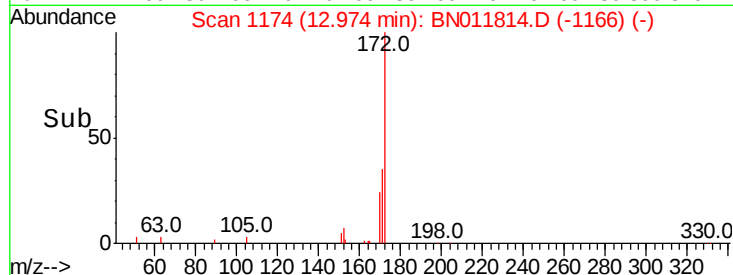
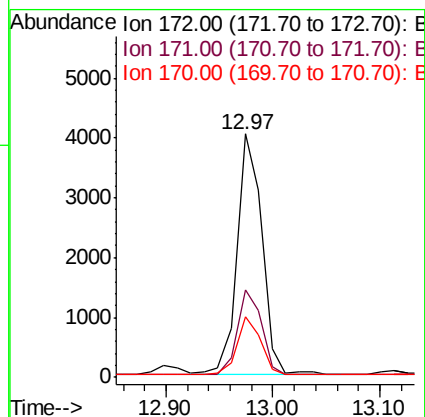
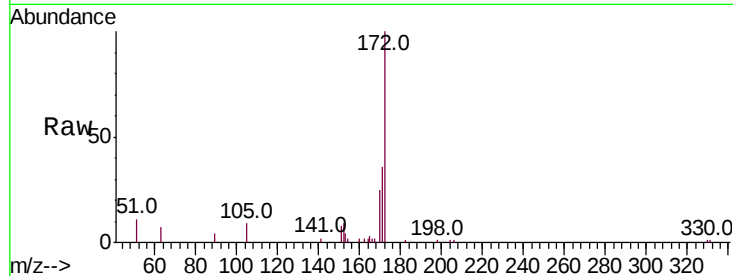




#15
2-Fluorobiphenyl
Concen: 0.298 ng
RT: 12.97 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BN011814.D
Acq: 16 Sep 2020 12:44

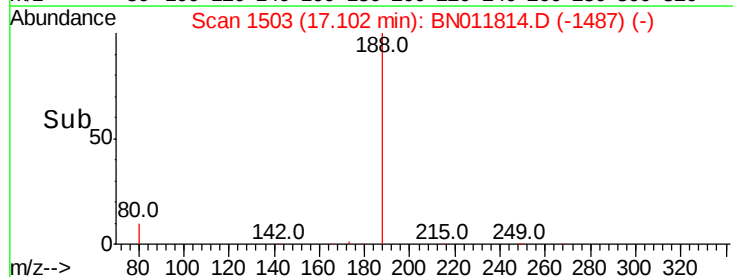
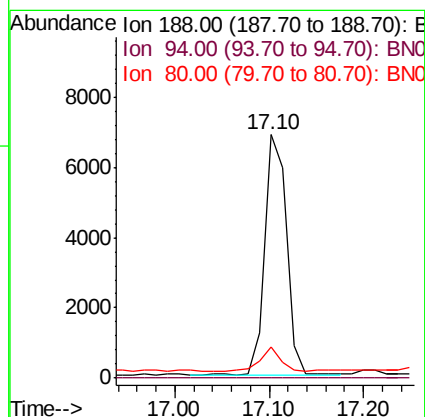
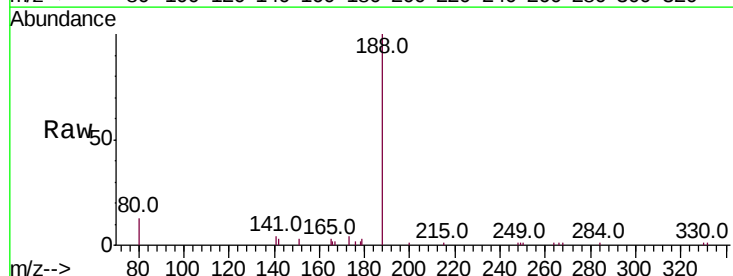
Instrument :
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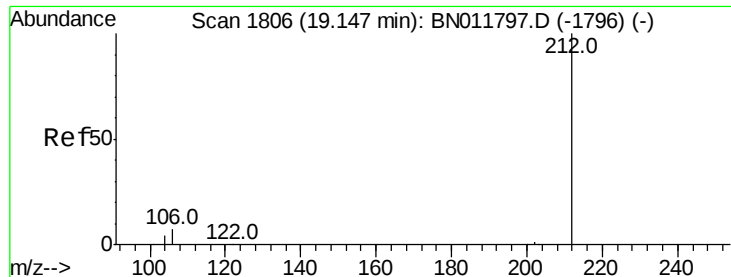
Tot Ion:172 Resp: 6484
Ion Ratio Lower Upper
172 100
171 36.1 27.4 41.2
170 24.9 17.8 26.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.10 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BN011814.D
Acq: 16 Sep 2020 12:44

Tgt Ion:188 Resp: 10949
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 7.7 11.5#

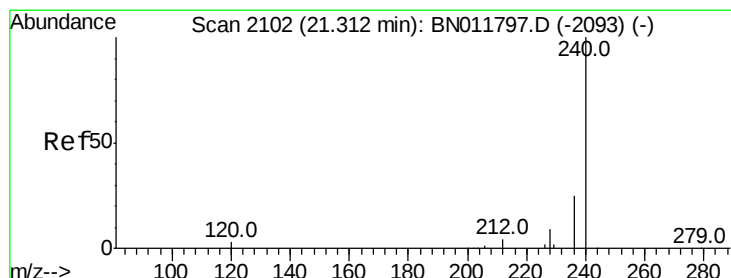
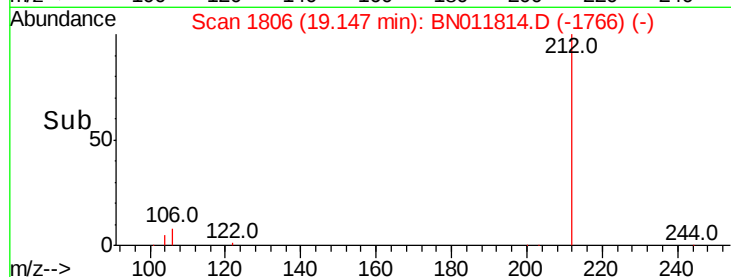
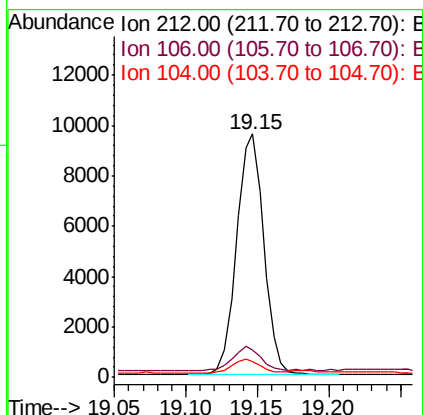
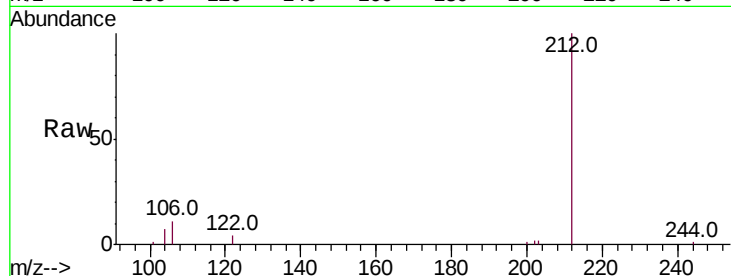




#27
 Fluoranthene-d10
 Concen: 0.355 ng
 RT: 19.15 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BN011814.D
 Acq: 16 Sep 2020 12:44

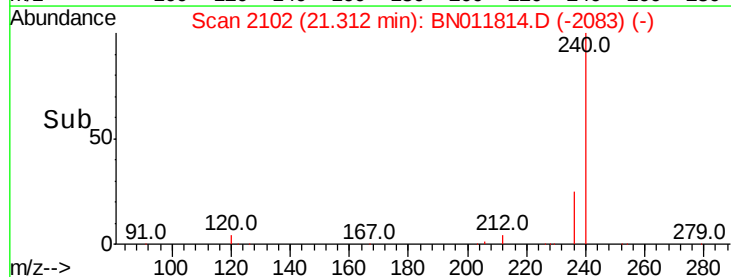
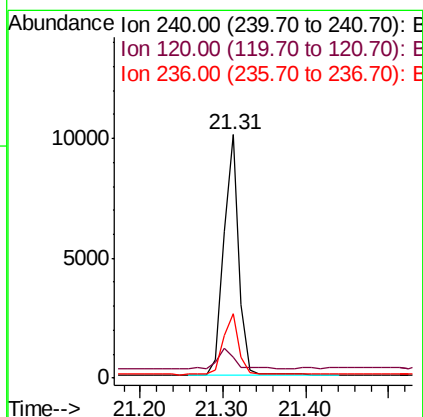
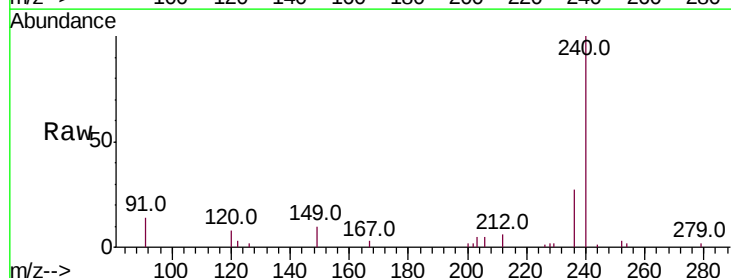
Instrument :
 BNA_N
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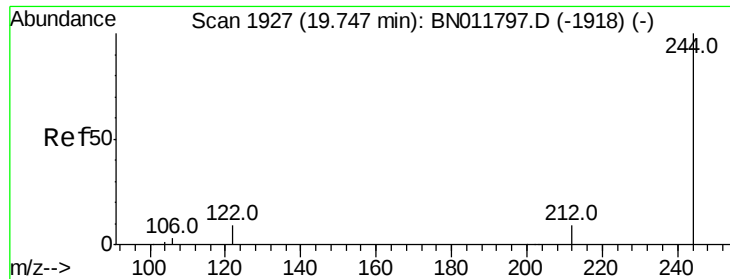
Tot Ion:212 Resp: 12691
 Ion Ratio Lower Upper
 212 100
 106 10.2 6.4 9.6#
 104 5.9 3.9 5.9



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.31 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: BN011814.D
 Acq: 16 Sep 2020 12:44

Tgt Ion:240 Resp: 12789
 Ion Ratio Lower Upper
 240 100
 120 8.4 3.5 5.3#
 236 26.6 20.5 30.7





#31

Terphenyl-d14

Concen: 0.355 ng

RT: 19.75 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN011814.D

Acq: 16 Sep 2020 12:44

Instrument :

BNA_N

ClientSampleId :

FC-MW1011-20200910

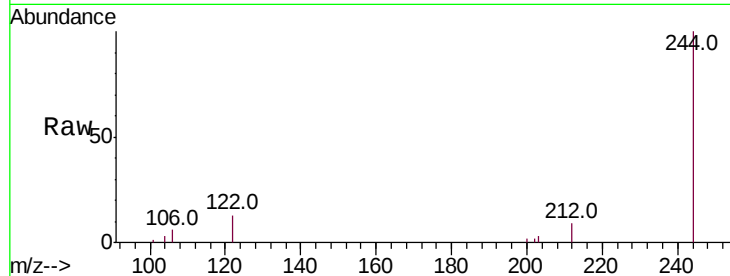
Tot Ion:244 Resp: 13905

Ion Ratio Lower Upper

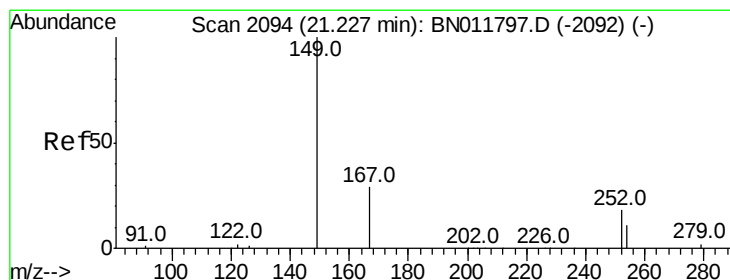
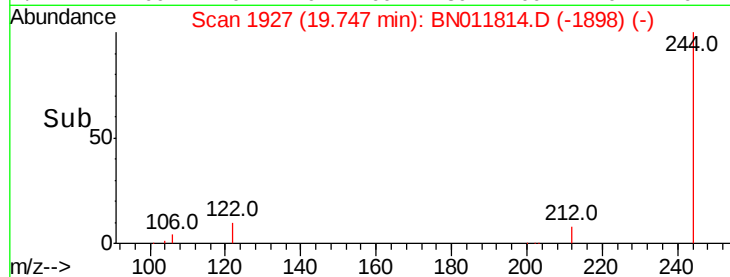
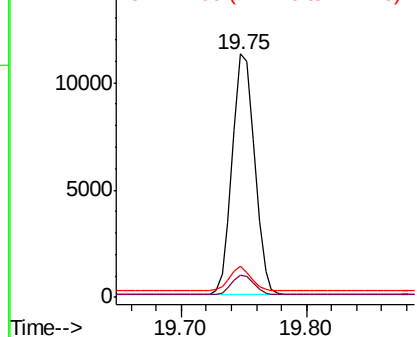
244 100

212 9.1 7.3 10.9

122 12.6 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: 0.079 ng

RT: 21.24 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BN011814.D

Acq: 16 Sep 2020 12:44

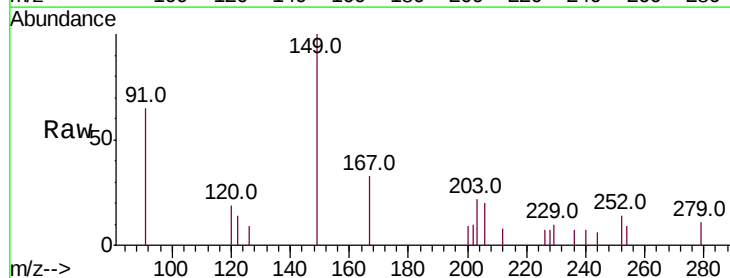
Tgt Ion:149 Resp: 1657

Ion Ratio Lower Upper

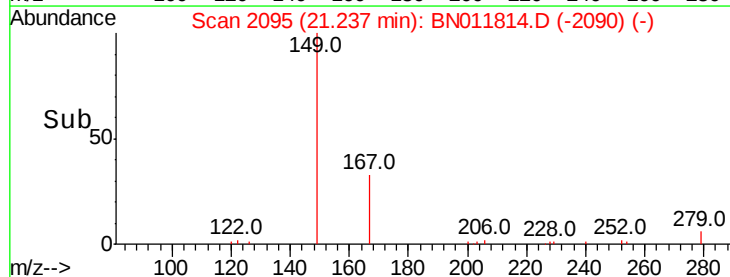
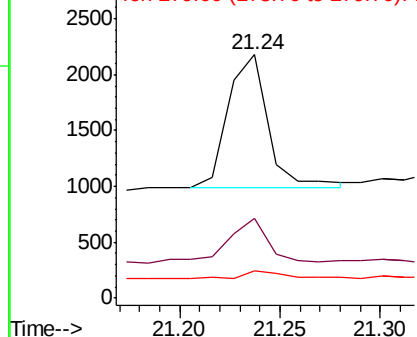
149 100

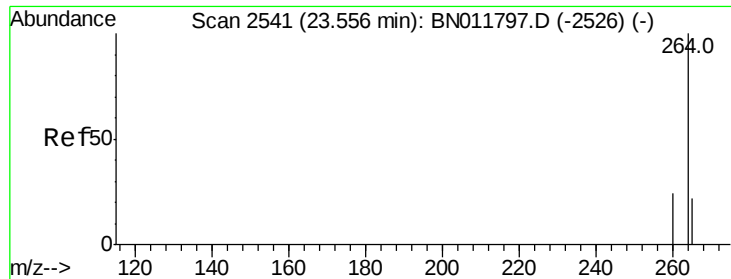
167 28.0 23.6 35.4

279 5.4 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: BN011814.D
 Acq: 16 Sep 2020 12:44

Instrument :
 BNA_N
 ClientSampleId :
 FC-MW1011-20200910

Tot Ion: 264 Resp: 13786
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.6 29.4
 265 62.1 38.6 58.0#

