

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN091520\
 Data File : BN011805.D
 Acq On : 15 Sep 2020 18:05
 Operator : CG/JU
 Sample : L3988-27
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FC-DUP06-20200910

Quant Time: Sep 15 18:35:07 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

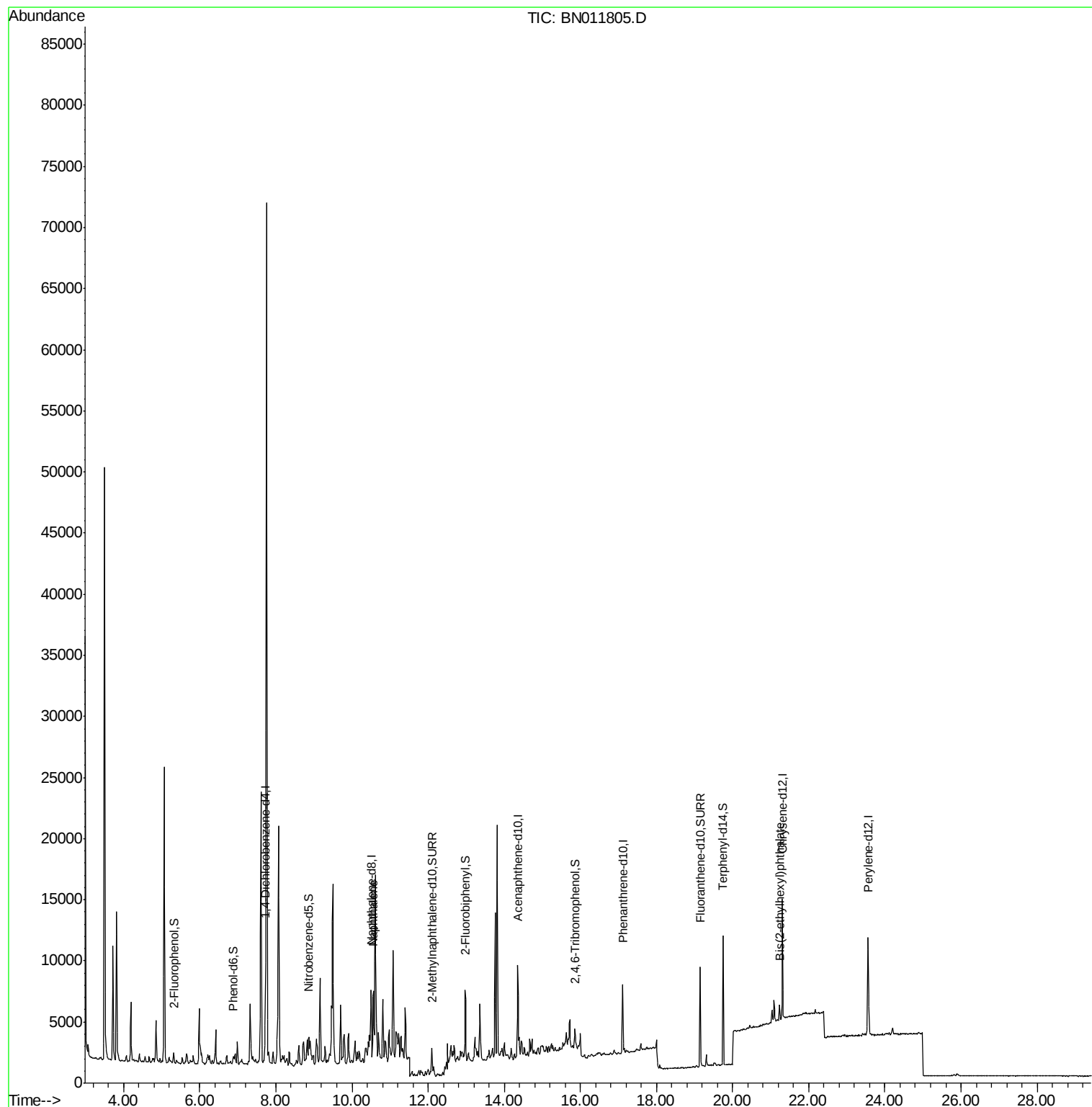
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1545	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	5786	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	3905	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	8688	0.40	ng	0.01
29) Chrysene-d12	21.31	240	9568	0.40	ng	0.00
36) Perylene-d12	23.56	264	10707	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	631	0.15	ng	0.00
5) Phenol-d6	6.89	99	452	0.08	ng	0.00
8) Nitrobenzene-d5	8.87	82	1747	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.10	152	3006	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	980	0.46	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	5402	0.31	ng	0.00
27) Fluoranthene-d10	19.15	212	9650	0.34	ng	0.00
31) Terphenyl-d14	19.75	244	10503	0.36	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	43	Below Cal	#	1
9) Naphthalene	10.57	128	1917	0.116 ng	#	1
34) Bis(2-ethylhexyl)phthalate	21.24	149	1252	0.080 ng	#	97

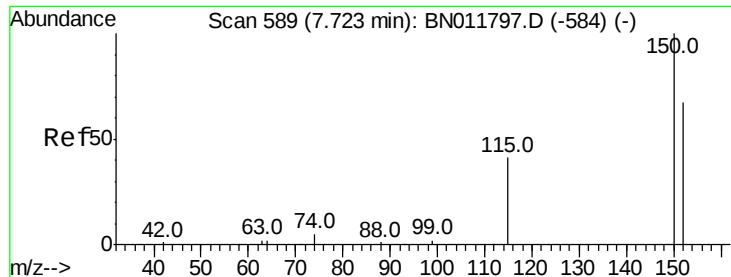
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN011805.D

Acq: 15 Sep 2020 18:05

Instrument :

BNA_N

ClientSampleId :

FC-DUP06-20200910

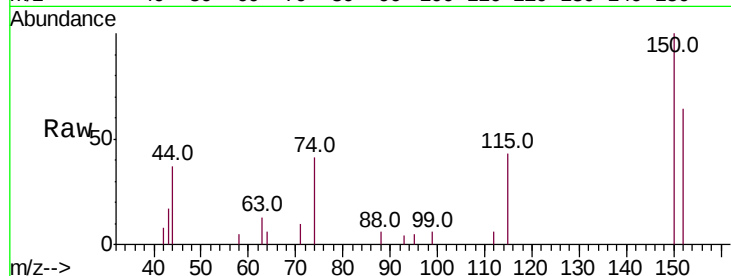
Tot Ion:152 Resp: 1545

Ion Ratio Lower Upper

152 100

150 155.8 118.3 177.5

115 67.1 51.3 76.9

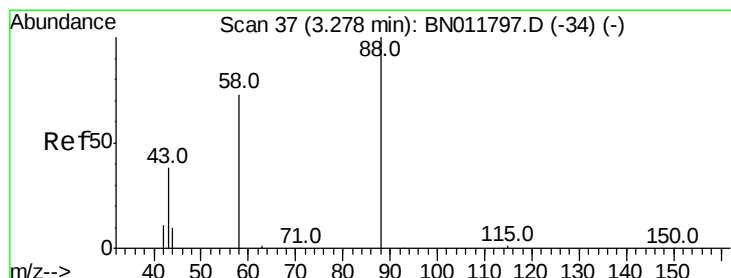
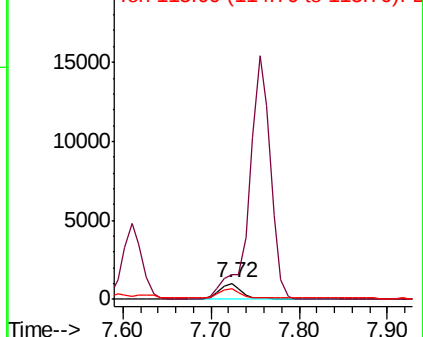
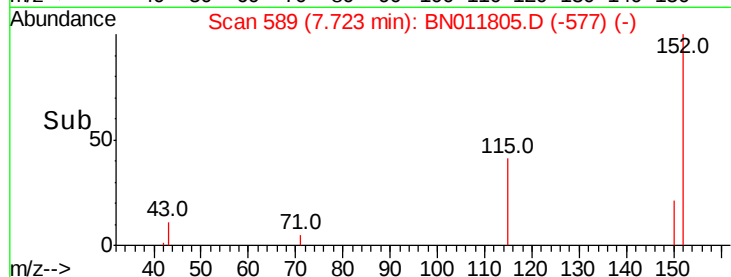


Abundance

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: 3.28 min Scan# 37

Delta R.T. 0.00 min

Lab File: BN011805.D

Acq: 15 Sep 2020 18:05

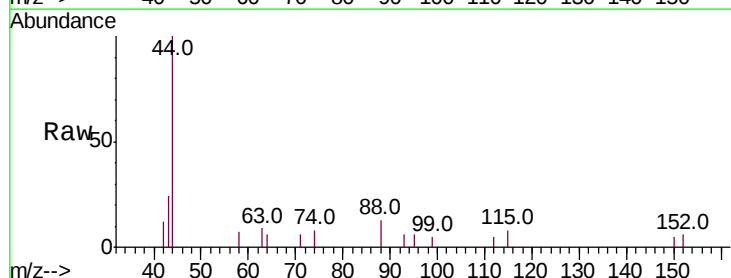
Tgt Ion: 88 Resp: 43

Ion Ratio Lower Upper

88 100

58 44.2 63.3 94.9#

43 462.8 33.0 49.4#

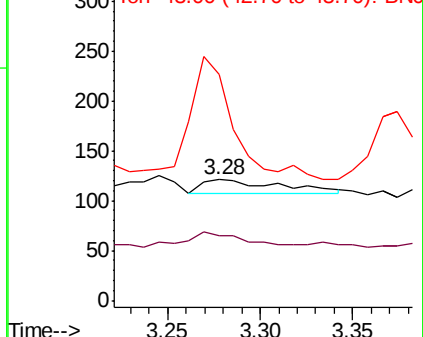
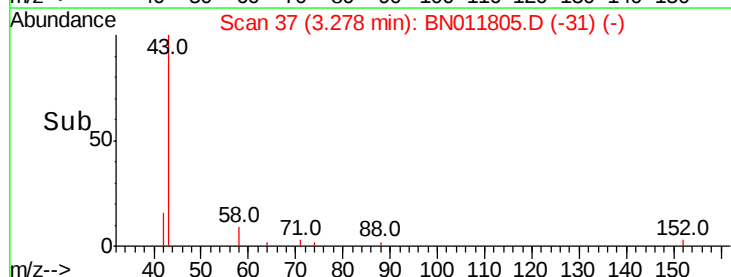


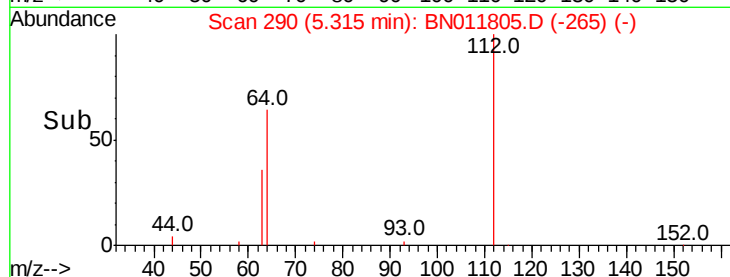
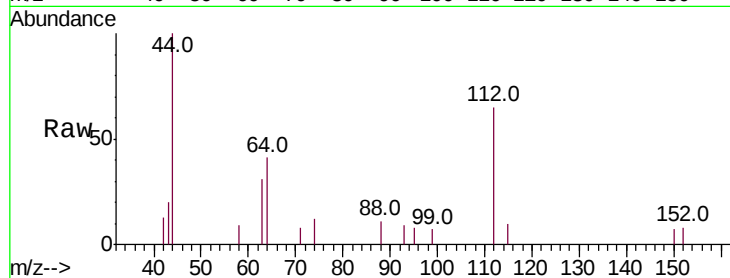
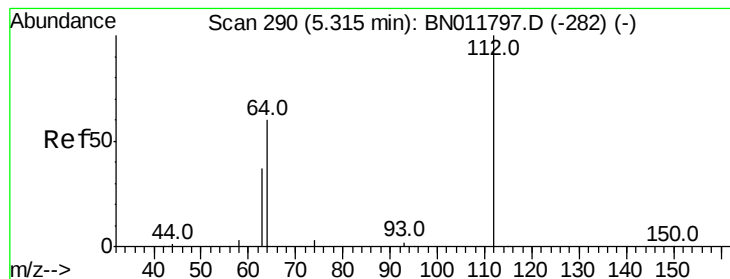
Abundance

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: 0.148 ng

RT: 5.32 min Scan# 290

Delta R.T. -0.00 min

Lab File: BN011805.D

Acq: 15 Sep 2020 18:05

Instrument :

BNA_N

ClientSampleId :

FC-DUP06-20200910

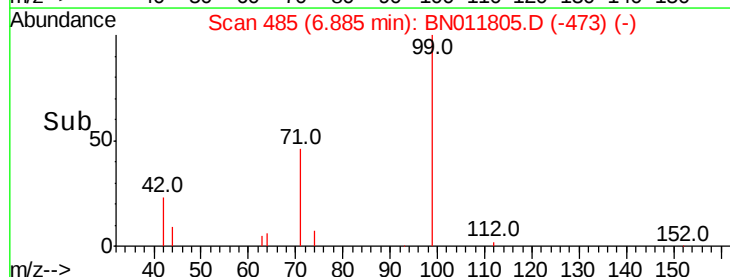
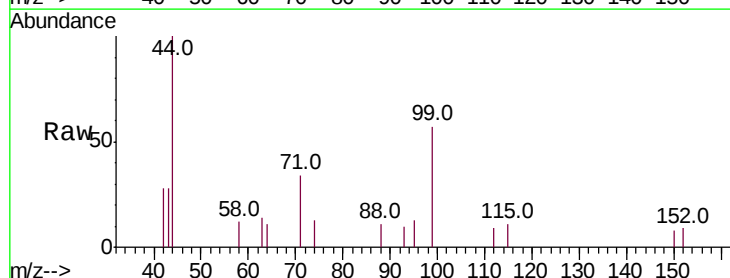
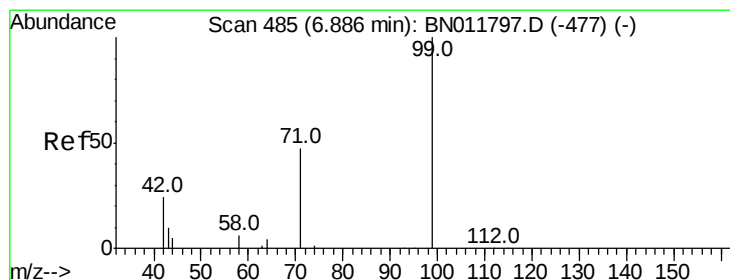
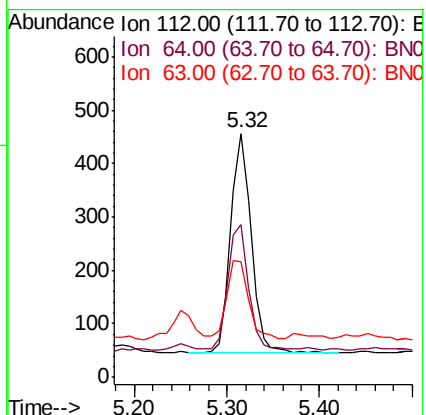
Tot Ion:112 Resp: 631

Ion Ratio Lower Upper

112 100

64 56.3 49.0 73.6

63 38.7 31.8 47.6



#5

Phenol-d6

Concen: 0.082 ng

RT: 6.89 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN011805.D

Acq: 15 Sep 2020 18:05

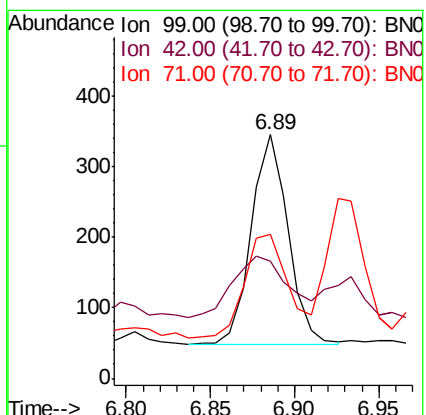
Tgt Ion: 99 Resp: 452

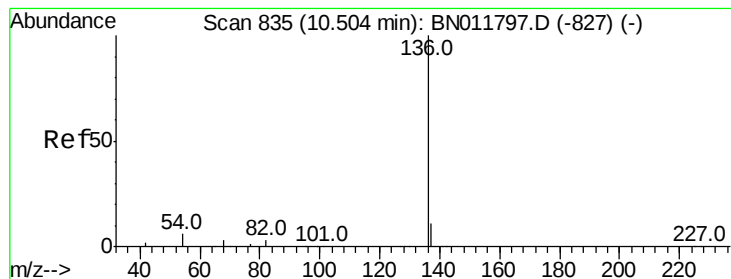
Ion Ratio Lower Upper

99 100

42 43.1 23.4 35.0#

71 58.4 38.1 57.1#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011805.D

Acq: 15 Sep 2020 18:05

Instrument :

BNA_N

ClientSampleId :

FC-DUP06-20200910

Tot Ion:136 Resp: 5786

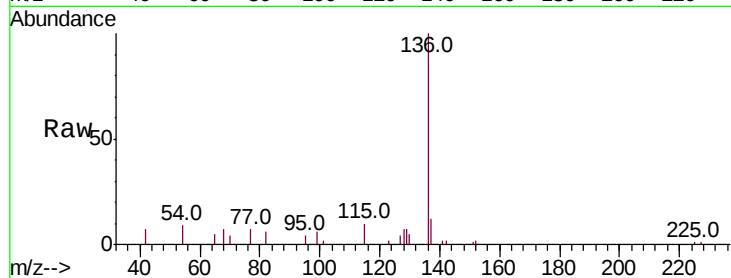
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 9.0 5.6 8.4#

68 6.6 3.2 4.8#



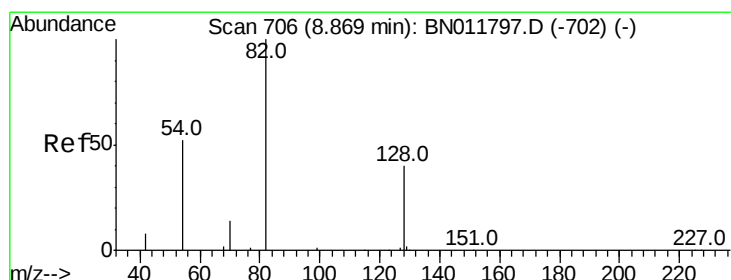
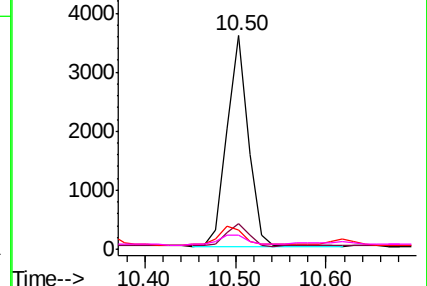
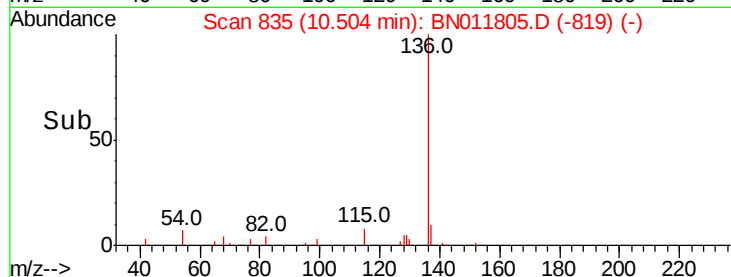
Abundance

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: 0.274 ng

RT: 8.87 min Scan# 706

Delta R.T. -0.00 min

Lab File: BN011805.D

Acq: 15 Sep 2020 18:05

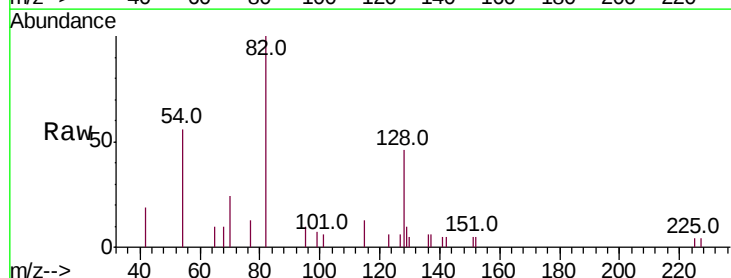
Tgt Ion: 82 Resp: 1747

Ion Ratio Lower Upper

82 100

128 45.6 34.2 51.2

54 56.5 43.1 64.7

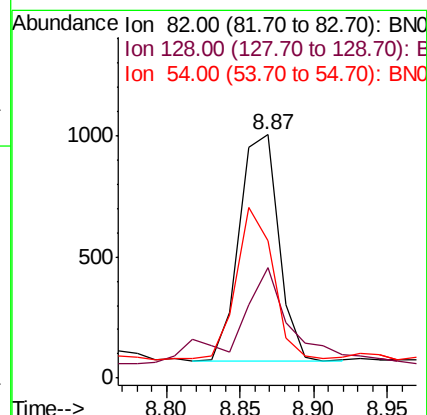
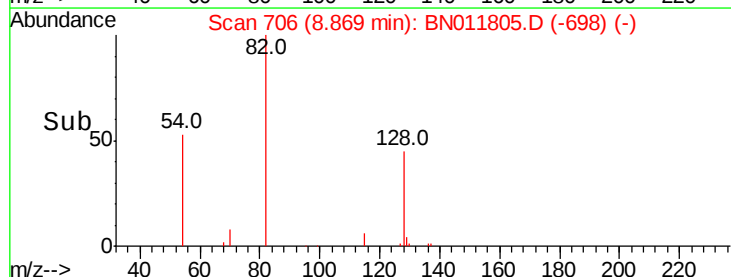


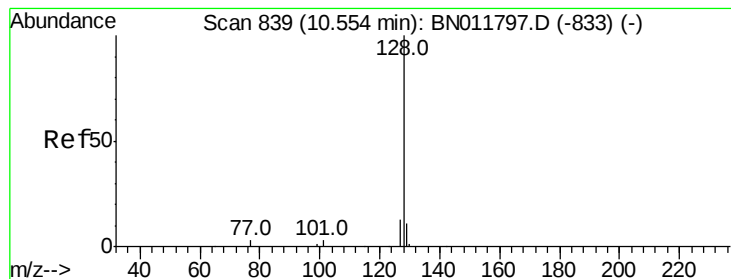
Abundance

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: 0.116 ng

RT: 10.57 min Scan# 840

Delta R.T. 0.01 min

Lab File: BN011805.D

Acq: 15 Sep 2020 18:05

Instrument :

BNA_N

ClientSampleId :

FC-DUP06-20200910

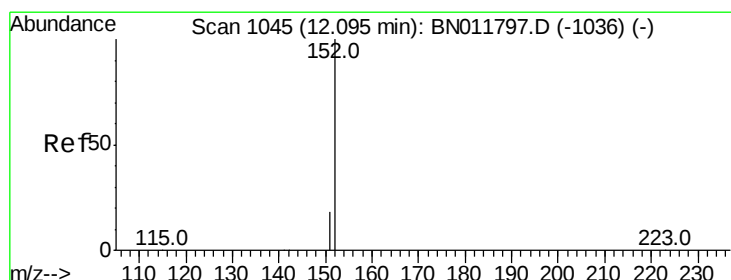
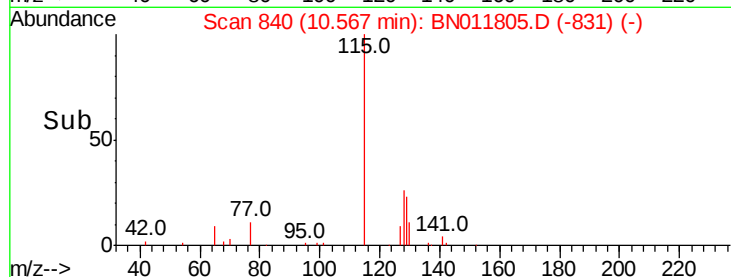
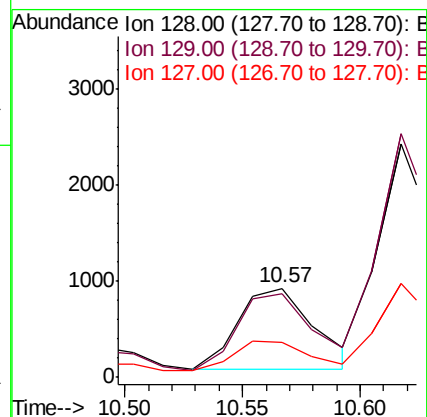
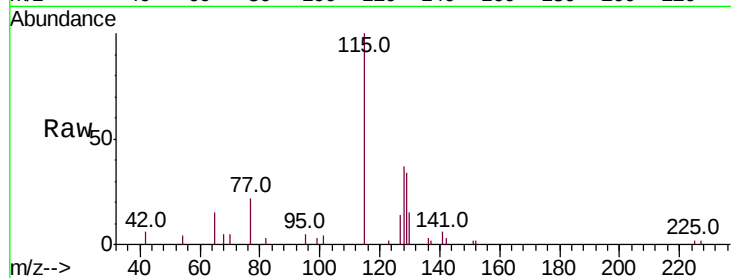
Tot Ion:128 Resp: 1917

Ion Ratio Lower Upper

128 100

129 94.4 9.7 14.5#

127 39.5 11.0 16.4#



#11

2-Methylnaphthalene-d10

Concen: 0.276 ng

RT: 12.10 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BN011805.D

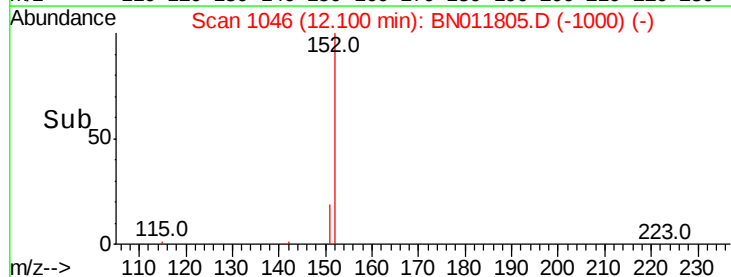
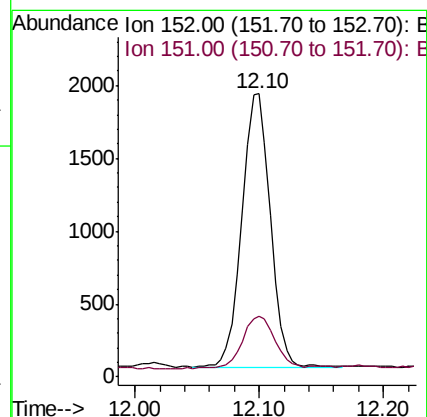
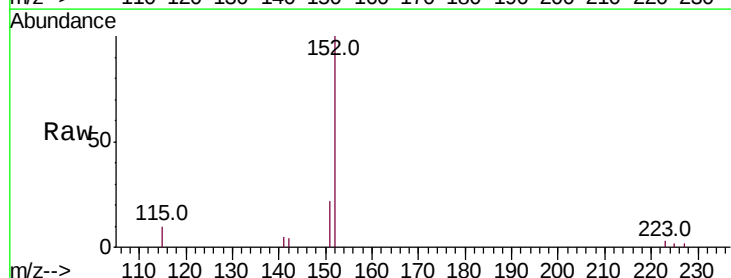
Acq: 15 Sep 2020 18:05

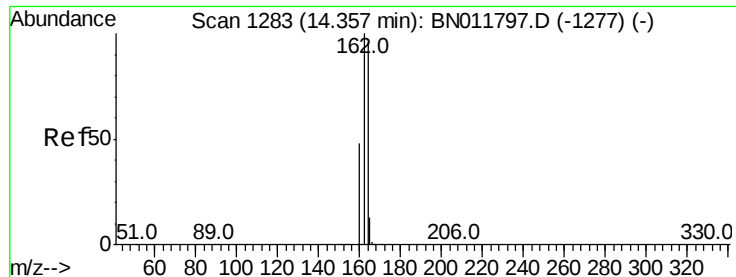
Tgt Ion:152 Resp: 3006

Ion Ratio Lower Upper

152 100

151 22.5 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BN011805.D

Acq: 15 Sep 2020 18:05

Instrument :

BNA_N

ClientSampleId :

FC-DUP06-20200910

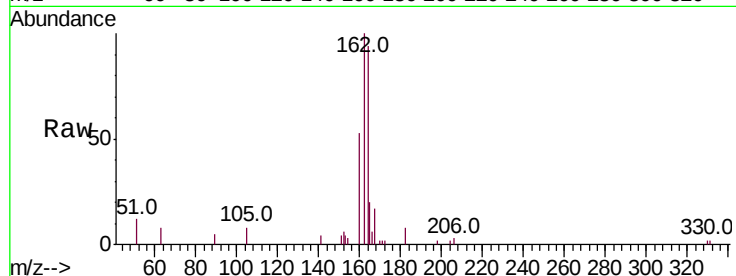
Tot Ion:164 Resp: 3905

Ion Ratio Lower Upper

164 100

162 106.5 83.6 125.4

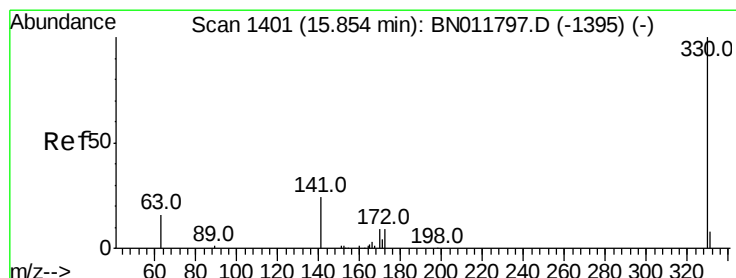
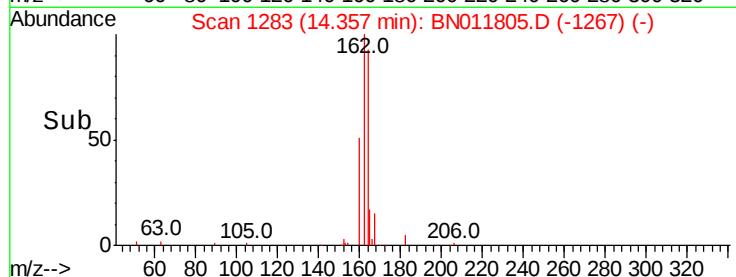
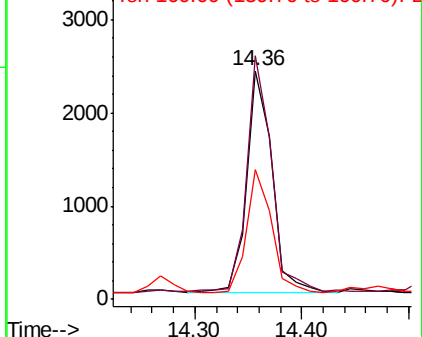
160 56.8 41.2 61.8



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: 0.458 ng

RT: 15.85 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BN011805.D

Acq: 15 Sep 2020 18:05

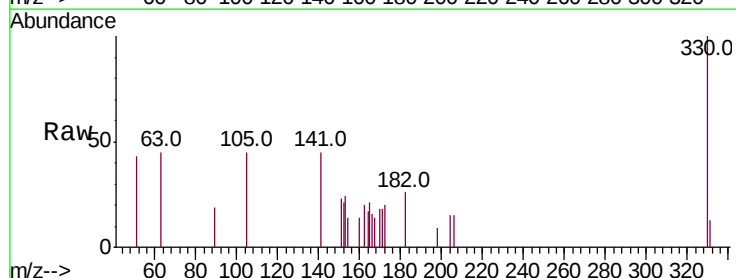
Tgt Ion:330 Resp: 980

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

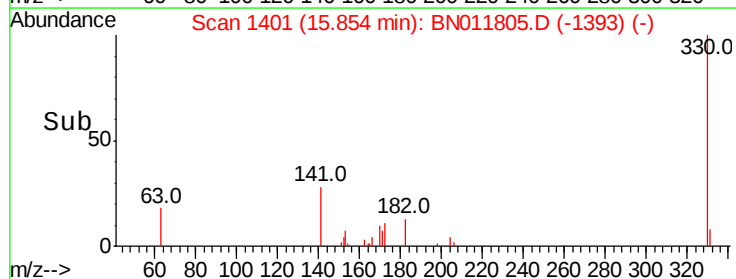
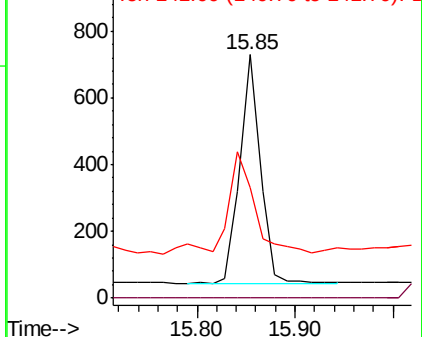
141 56.9 33.7 50.5#

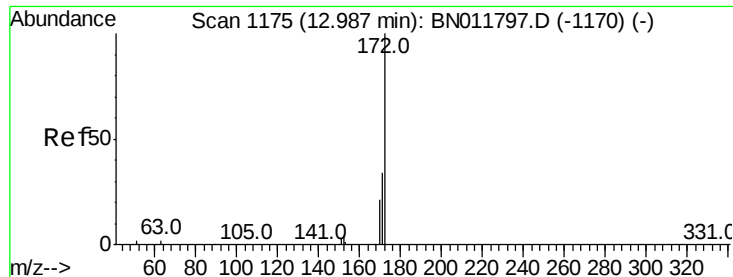


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

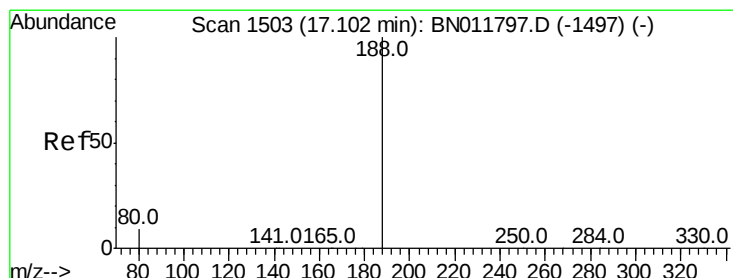
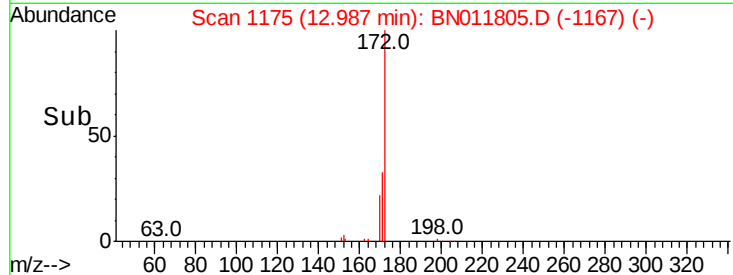
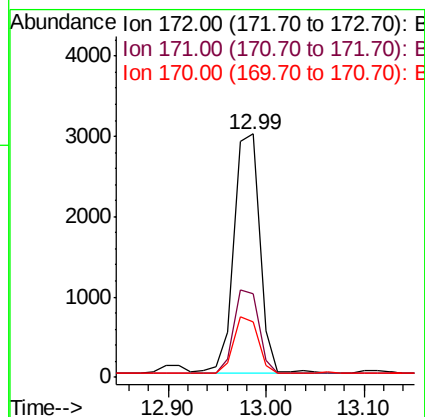
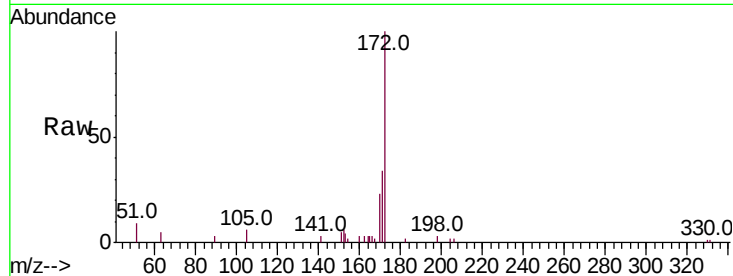




#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 12.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BN011805.D
Acq: 15 Sep 2020 18:05

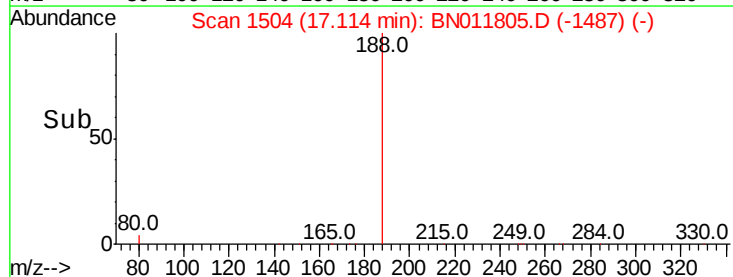
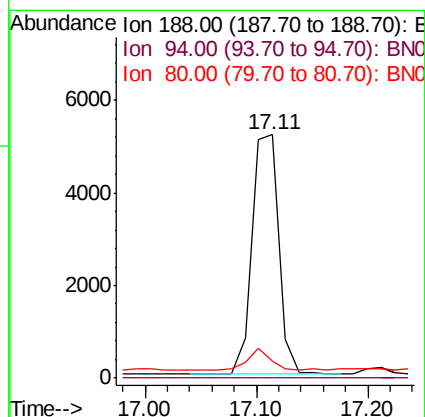
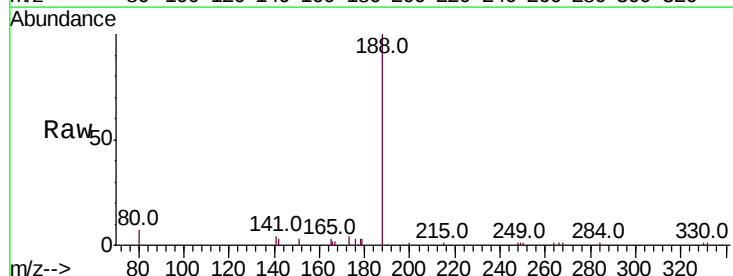
Instrument :
BNA_N
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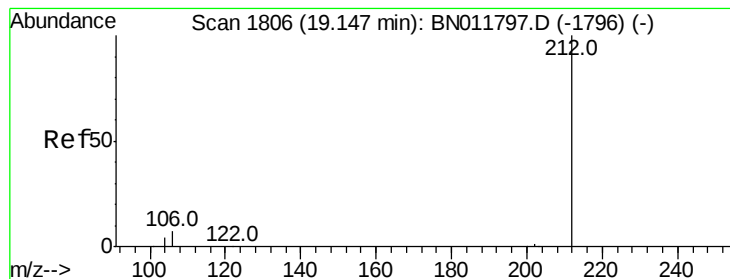
Tot Ion:172	Resp: 5402
Ion Ratio	Lower Upper
172 100	
171 34.3	27.4 41.2
170 22.8	17.8 26.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BN011805.D
Acq: 15 Sep 2020 18:05

Tgt	Ion:188	Resp:	8688
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.1	7.7	11.5#





#27

Fluoranthene-d10

Concen: 0.341 ng

RT: 19.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BN011805.D

Acq: 15 Sep 2020 18:05

Instrument :

BNA_N

ClientSampleId :

FC-DUP06-20200910

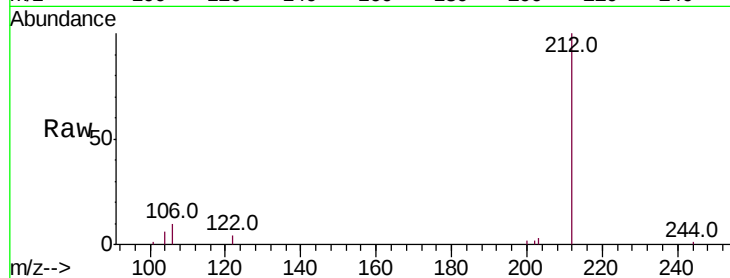
Tot Ion:212 Resp: 9650

Ion Ratio Lower Upper

212 100

106 9.0 6.4 9.6

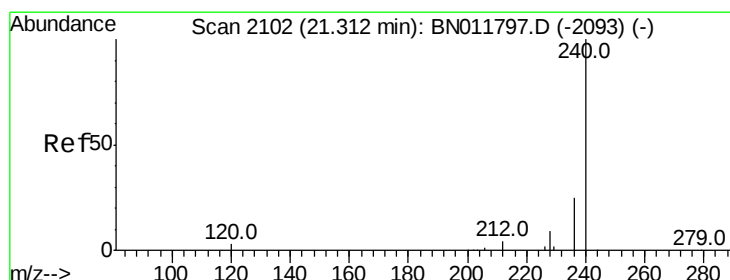
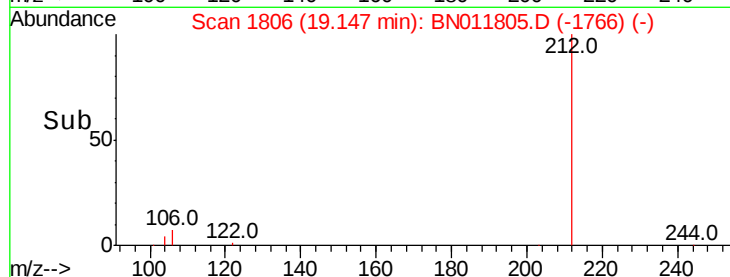
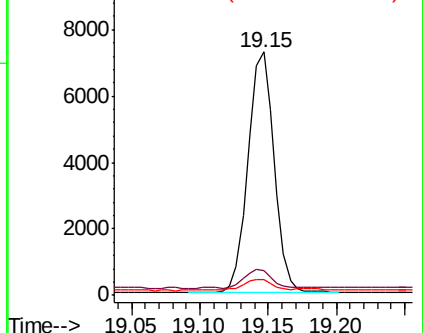
104 5.0 3.9 5.9



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: BN011805.D

Acq: 15 Sep 2020 18:05

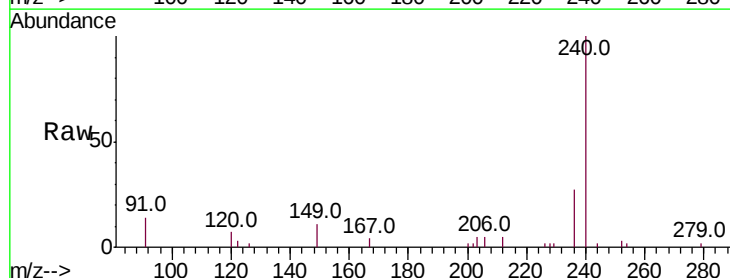
Tgt Ion:240 Resp: 9568

Ion Ratio Lower Upper

240 100

120 7.4 3.5 5.3#

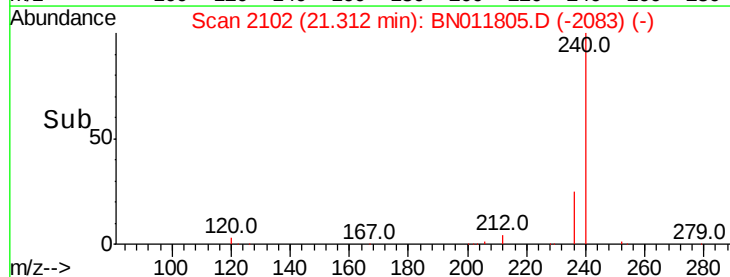
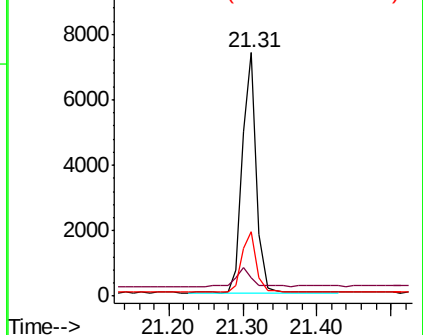
236 26.5 20.5 30.7

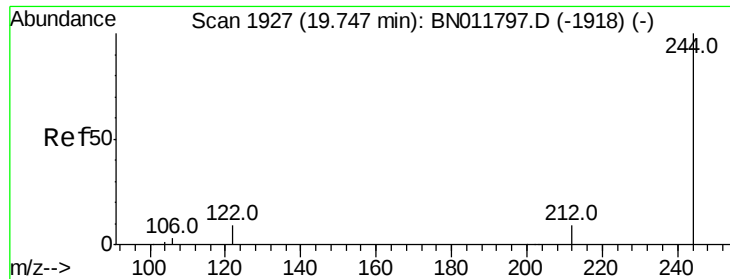


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.360 ng

RT: 19.75 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BN011805.D

Acq: 15 Sep 2020 18:05

Instrument :

BNA_N

ClientSampleId :

FC-DUP06-20200910

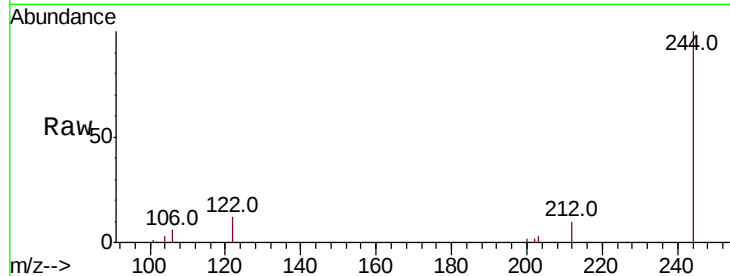
Tot Ion:244 Resp: 10503

Ion Ratio Lower Upper

244 100

212 9.8 7.3 10.9

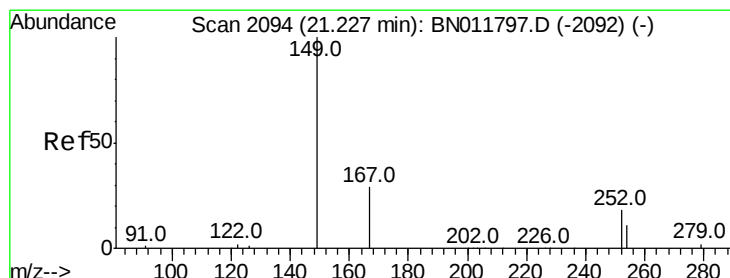
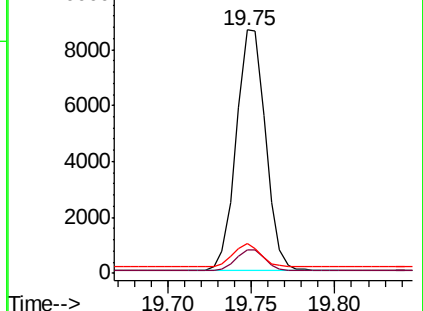
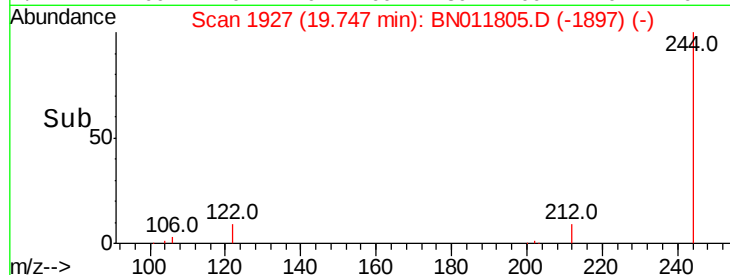
122 12.0 7.8 11.6#



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: 0.080 ng

RT: 21.24 min Scan# 2095

Delta R.T. 0.01 min

Lab File: BN011805.D

Acq: 15 Sep 2020 18:05

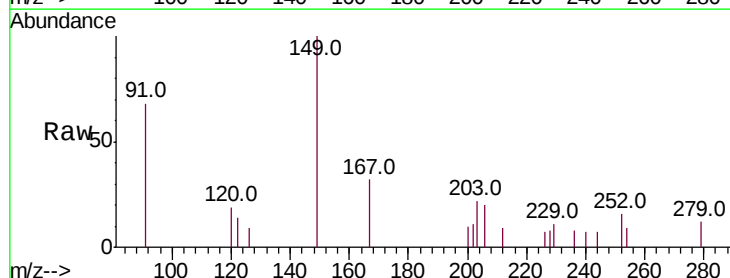
Tgt Ion:149 Resp: 1252

Ion Ratio Lower Upper

149 100

167 28.7 23.6 35.4

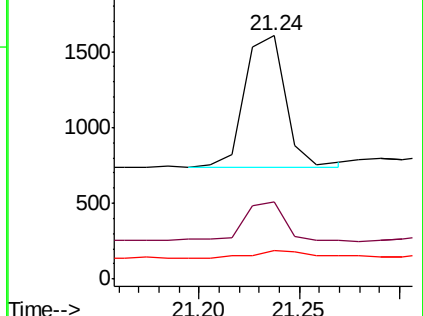
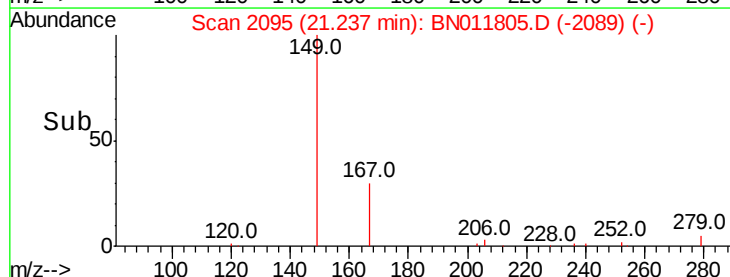
279 8.5 4.0 6.0#

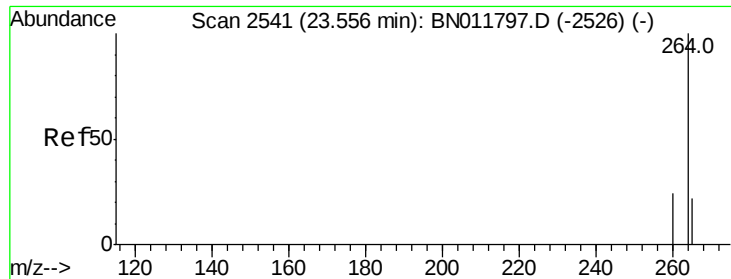


Abundance Ion 149.00 (148.70 to 149.70): E

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: BN011805.D
 Acq: 15 Sep 2020 18:05

Instrument :
 BNA_N
 ClientSampleId :
 FC-DUP06-20200910

Tot Ion: 264 Resp: 10707
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 64.0 38.6 58.0#

