

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091520\
 Data File : BN011807.D
 Acq On : 15 Sep 2020 19:17
 Operator : CG/JU
 Sample : L3988-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SA-PZ163I-20200909

Quant Time: Sep 16 02:13:41 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

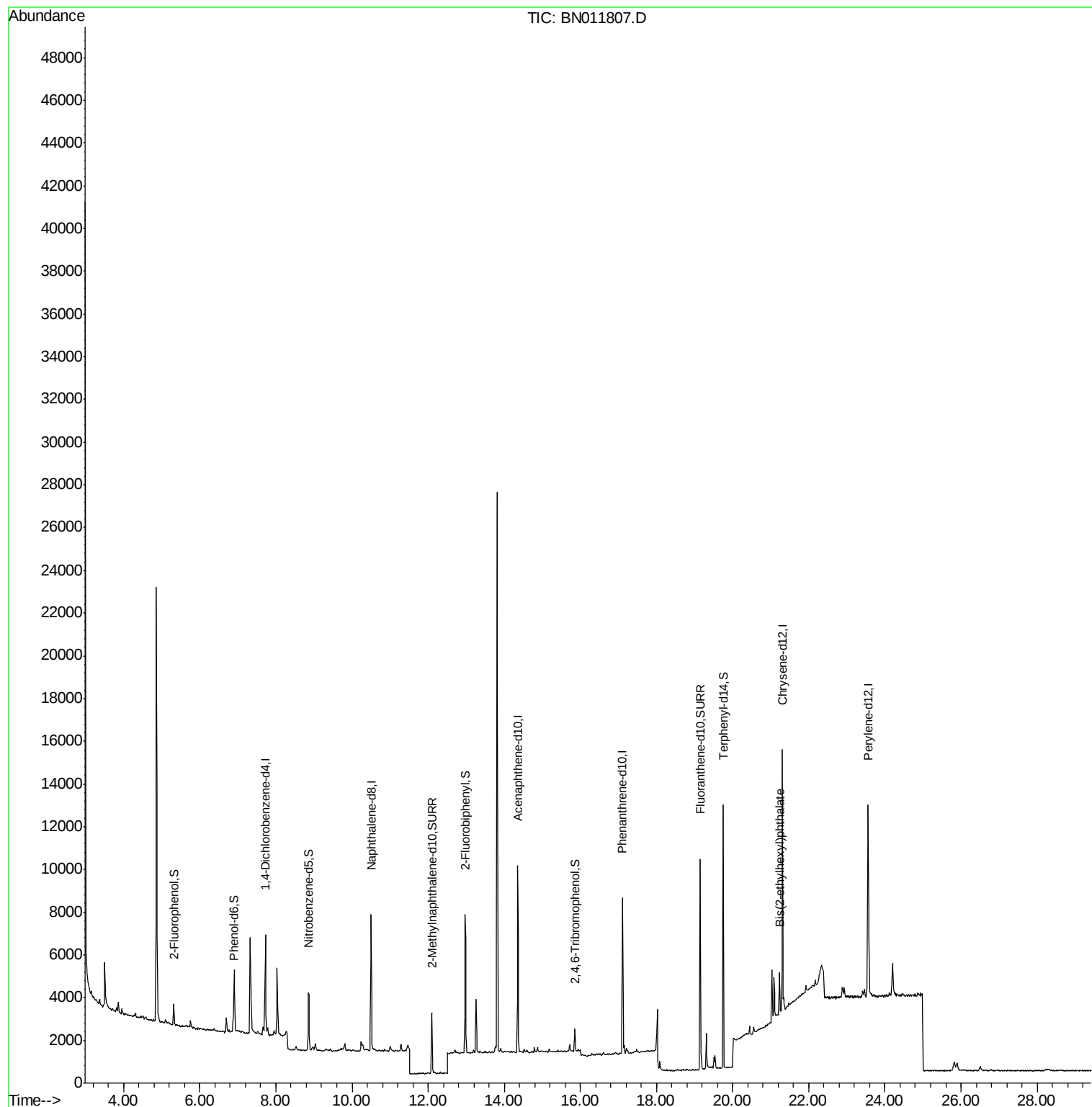
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	2157	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	8302	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	4823	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	10929	0.40	ng	0.00
29) Chrysene-d12	21.31	240	11906	0.40	ng	0.00
36) Perylene-d12	23.56	264	11960	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	709	0.12	ng	0.00
5) Phenol-d6	6.89	99	539	0.07	ng	0.00
8) Nitrobenzene-d5	8.86	82	2346	0.26	ng	-0.01
11) 2-Methylnaphthalene-d10	12.10	152	3777	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	836	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	5837	0.27	ng	-0.01
27) Fluoranthene-d10	19.15	212	11271	0.32	ng	0.00
31) Terphenyl-d14	19.75	244	12118	0.32	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	77	Below Cal		Qvalue # 50
34) Bis(2-ethylhexyl)phthalate	21.24	149	1987	0.102	ng	95

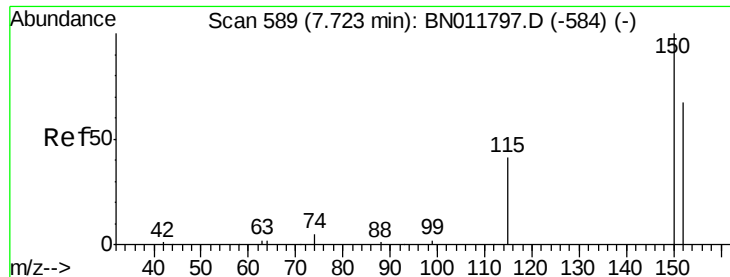
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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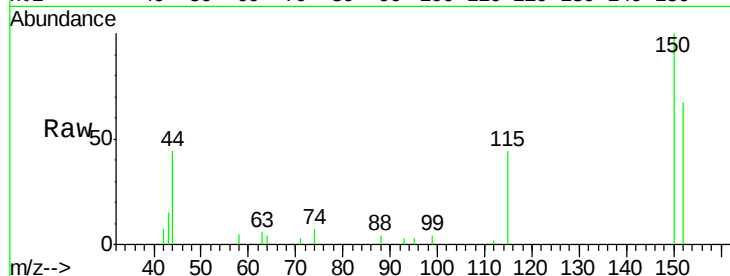


#1

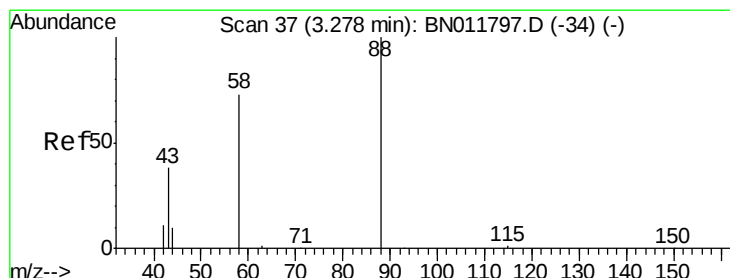
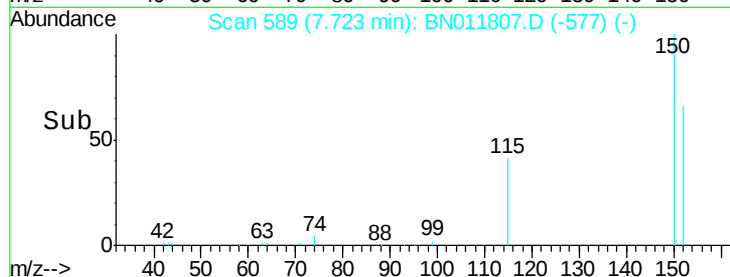
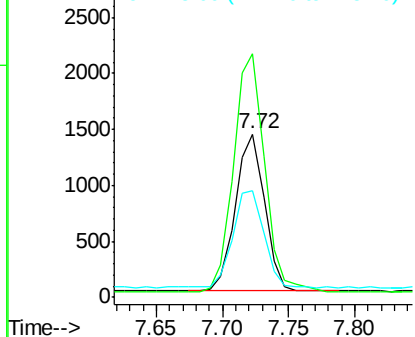
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 589
Delta R.T. -0.00 min
Lab File: BN011807.D
Acq: 15 Sep 2020 19:17

Instrument :
BNA_N
ClientSampleId :
SA-PZ163I-20200909

Tot Ion:152 Resp: 2157
Ion Ratio Lower Upper
152 100
150 149.3 118.3 177.5
115 65.5 51.3 76.9



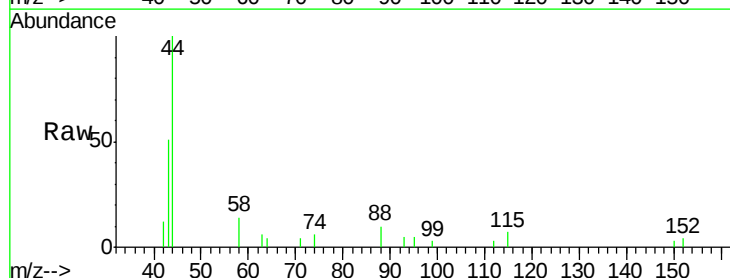
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



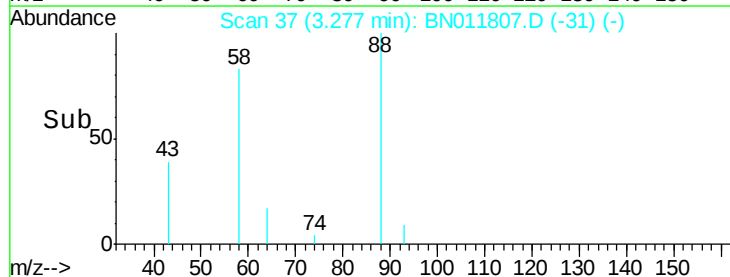
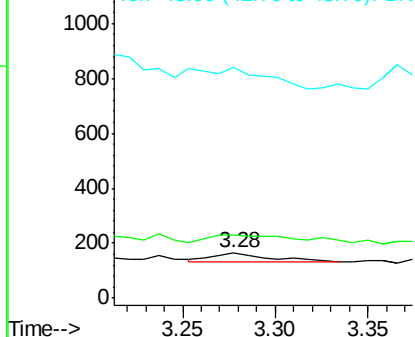
#2

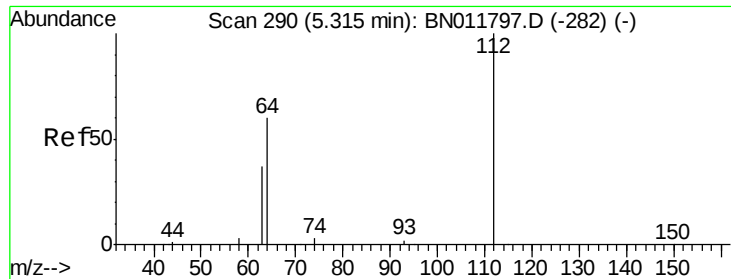
1,4-Dioxane
Concen: Below Cal
RT: 3.28 min Scan# 37
Delta R.T. 0.00 min
Lab File: BN011807.D
Acq: 15 Sep 2020 19:17

Tgt Ion: 88 Resp: 77
Ion Ratio Lower Upper
88 100
58 115.6 63.3 94.9#
43 0.0 33.0 49.4#



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0





#4

2-Fluorophenol

Concen: 0.119 ng

RT: 5.31 min Scan# 290

Delta R.T. -0.00 min

Lab File: BN011807.D

Acq: 15 Sep 2020 19:17

Instrument :

BNA_N

ClientSampleId :

SA-PZ163I-20200909

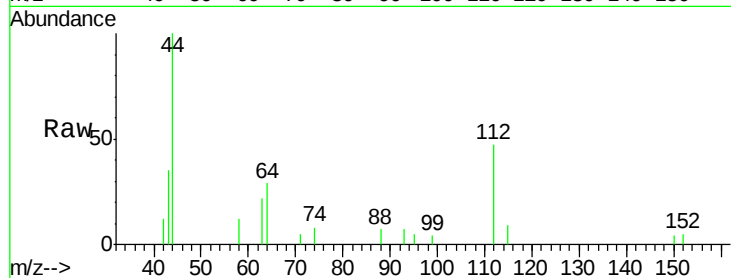
Tot Ion:112 Resp: 709

Ion Ratio Lower Upper

112 100

64 61.8 49.0 73.6

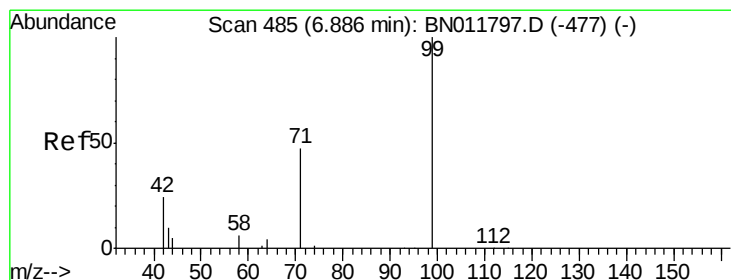
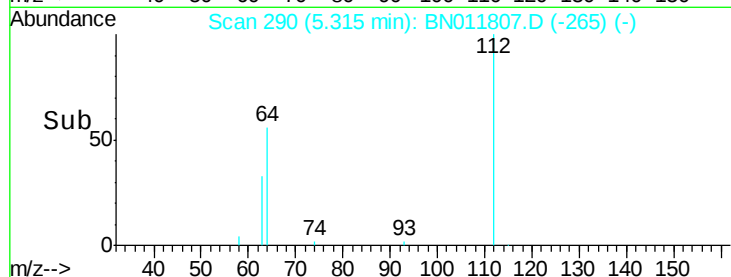
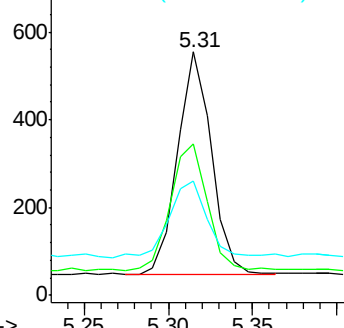
63 38.5 31.8 47.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.070 ng

RT: 6.89 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN011807.D

Acq: 15 Sep 2020 19:17

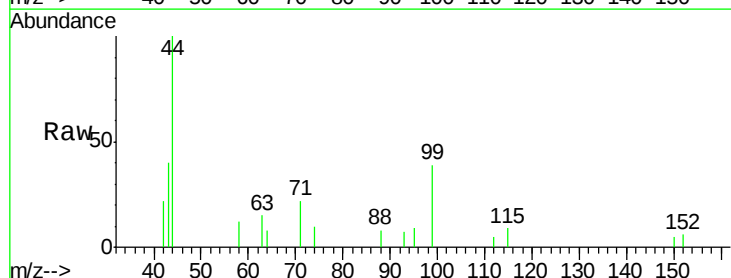
Tgt Ion: 99 Resp: 539

Ion Ratio Lower Upper

99 100

42 0.0 23.4 35.0#

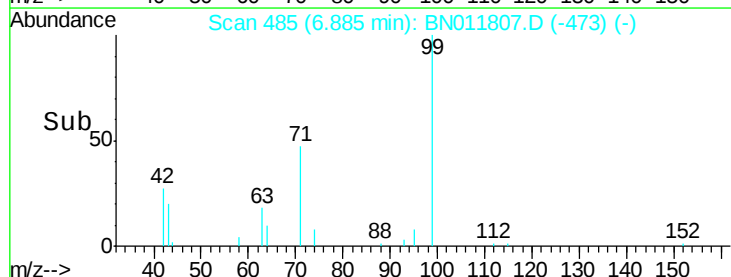
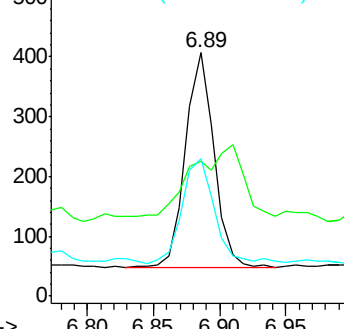
71 55.7 38.1 57.1

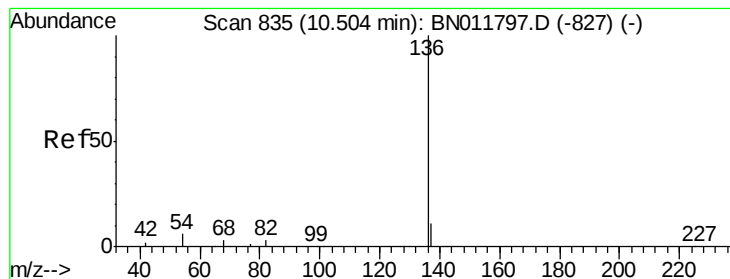


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011807.D

Acq: 15 Sep 2020 19:17

Instrument :

BNA_N

ClientSampleId :

SA-PZ163I-20200909

Tot Ion:136 Resp: 8302

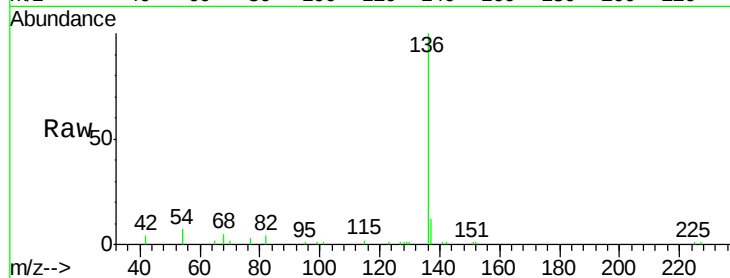
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 6.9 5.6 8.4

68 4.9 3.2 4.8#

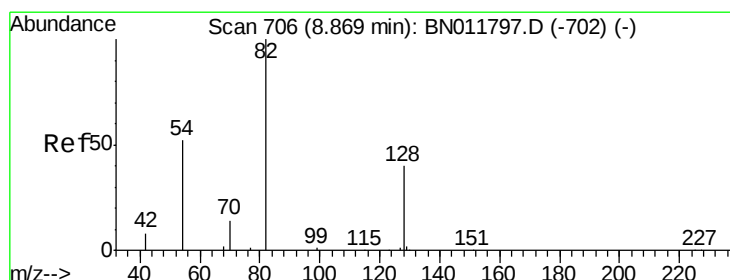
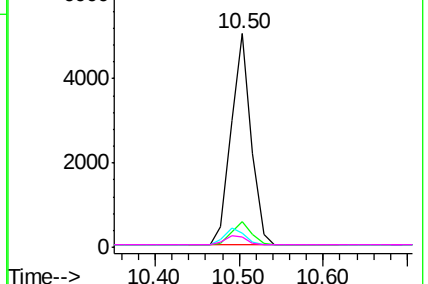
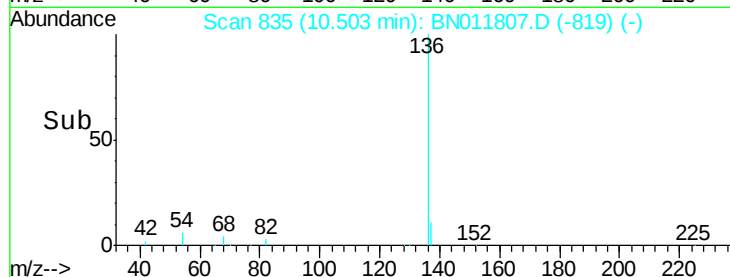


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.257 ng

RT: 8.86 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN011807.D

Acq: 15 Sep 2020 19:17

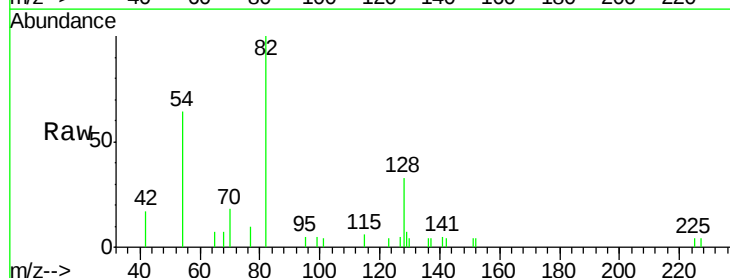
Tgt Ion: 82 Resp: 2346

Ion Ratio Lower Upper

82 100

128 33.1 34.2 51.2#

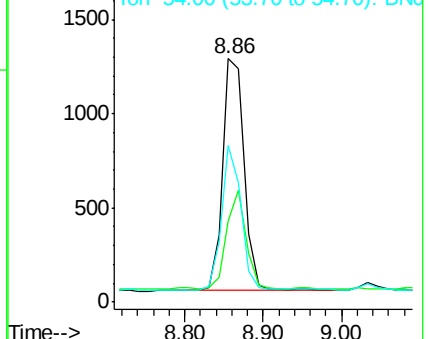
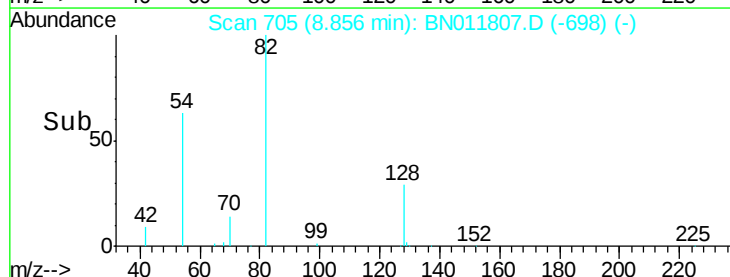
54 64.3 43.1 64.7

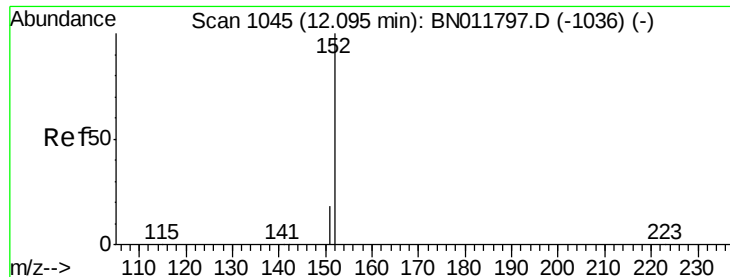


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

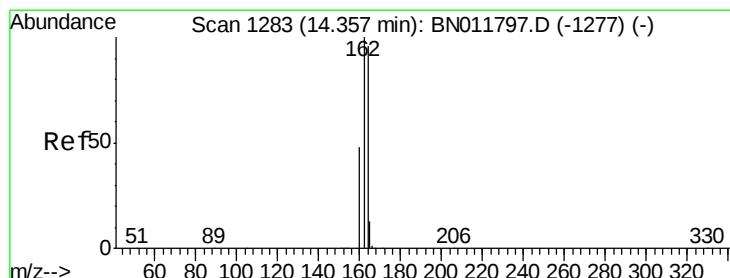
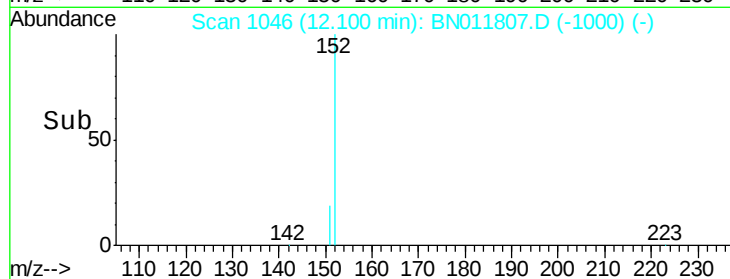
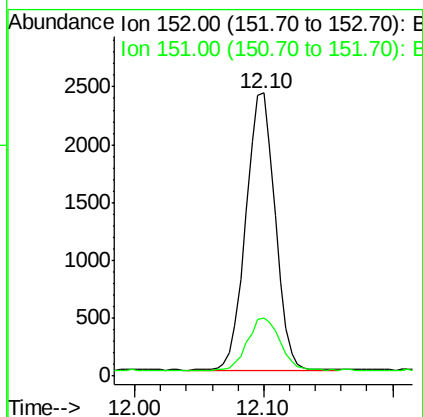
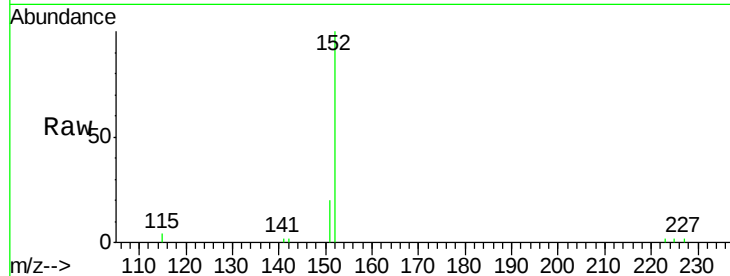




#11
2-Methylnaphthalene-d10
Concen: 0.242 ng
RT: 12.10 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BN011807.D
Acq: 15 Sep 2020 19:17

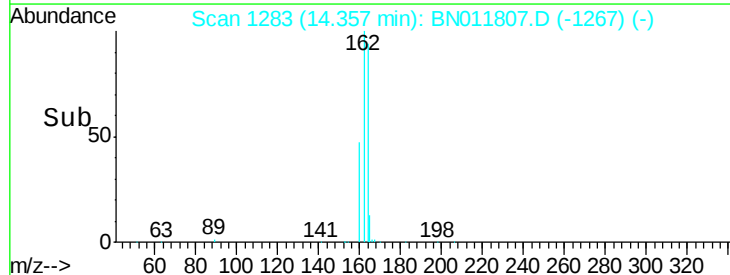
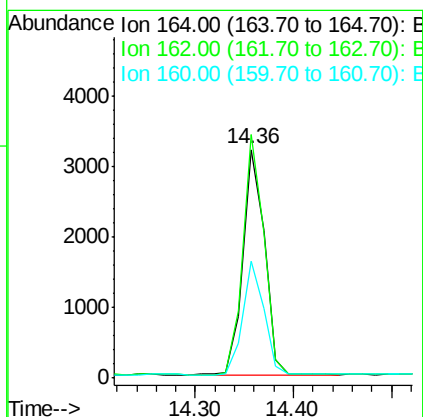
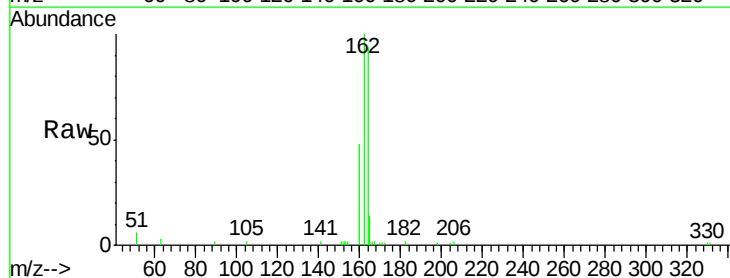
Instrument :
BNA_N
ClientSampleId :
SA-PZ163I-20200909

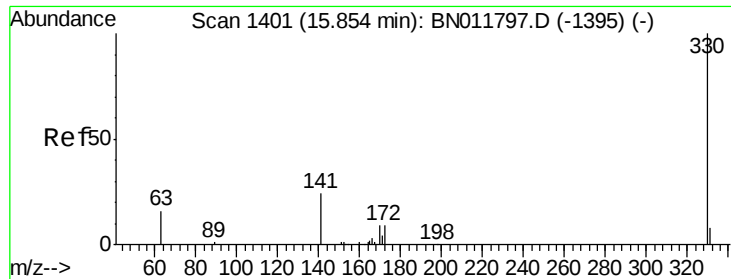
Tot Ion:152 Resp: 3777
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BN011807.D
Acq: 15 Sep 2020 19:17

Tgt Ion:164 Resp: 4823
Ion Ratio Lower Upper
164 100
162 106.7 83.6 125.4
160 51.3 41.2 61.8





#14

2,4,6-Tribromophenol

Concen: 0.317 ng

RT: 15.85 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BN011807.D

Acq: 15 Sep 2020 19:17

Instrument :

BNA_N

ClientSampleId :

SA-PZ163I-20200909

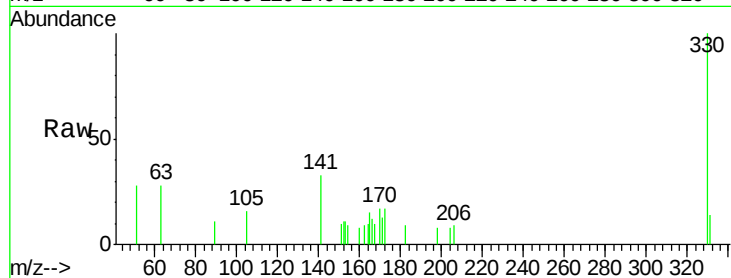
Tot Ion:330 Resp: 836

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

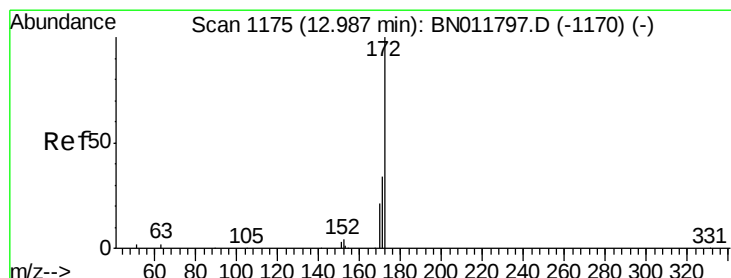
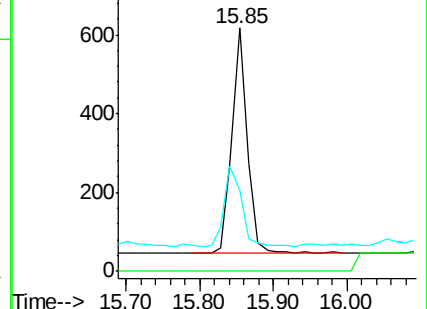
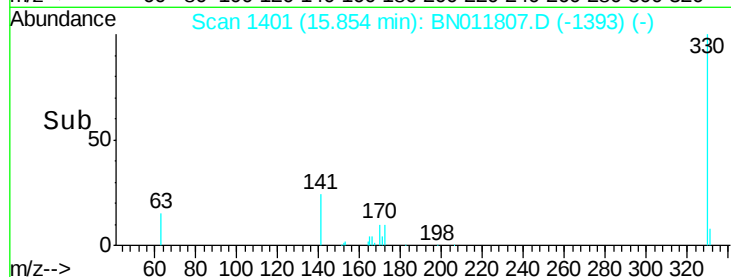
141 40.8 33.7 50.5



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: 0.270 ng

RT: 12.97 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BN011807.D

Acq: 15 Sep 2020 19:17

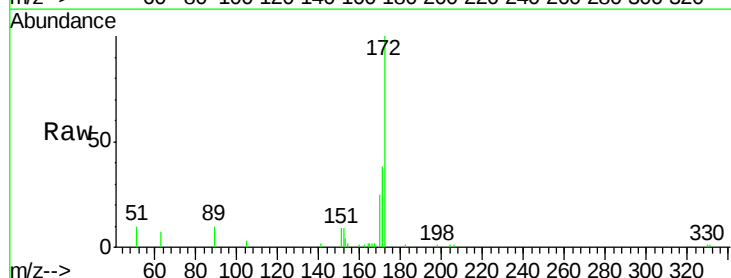
Tgt Ion:172 Resp: 5837

Ion Ratio Lower Upper

172 100

171 37.8 27.4 41.2

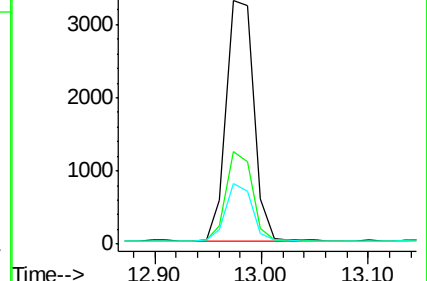
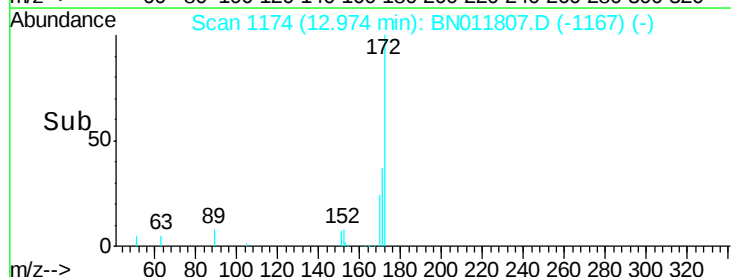
170 25.0 17.8 26.6

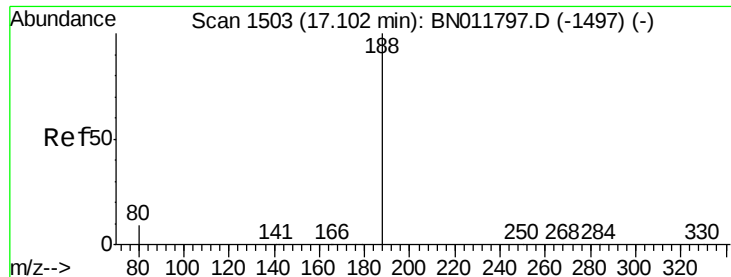


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.10 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BN011807.D

Acq: 15 Sep 2020 19:17

Instrument :

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ClientSampleId :

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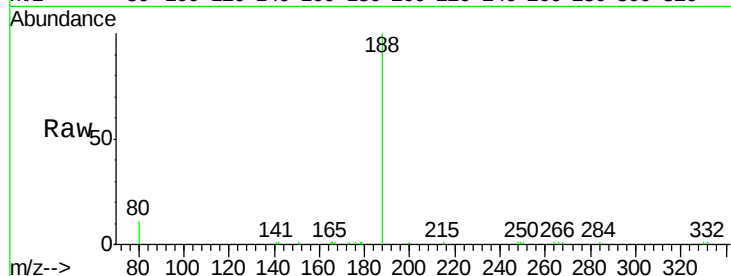
Tot Ion:188 Resp: 10929

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

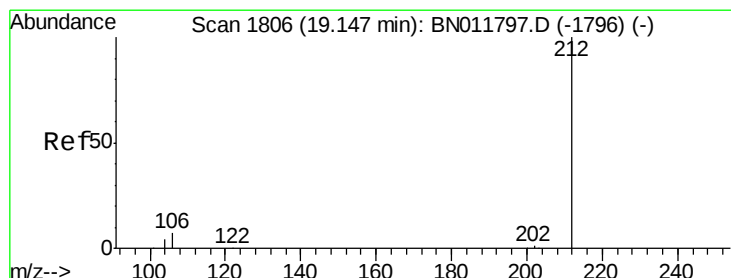
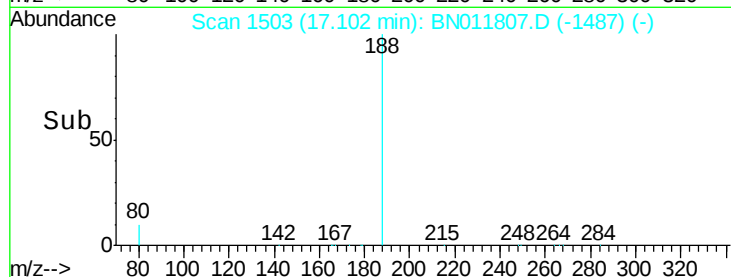
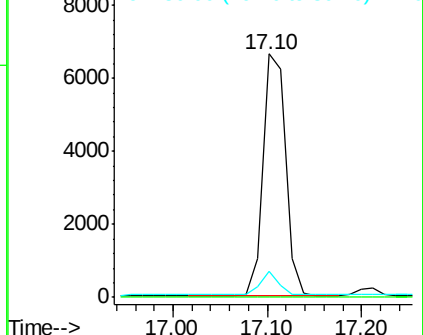
80 10.8 7.7 11.5



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



#27

Fluoranthene-d10

Concen: 0.316 ng

RT: 19.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BN011807.D

Acq: 15 Sep 2020 19:17

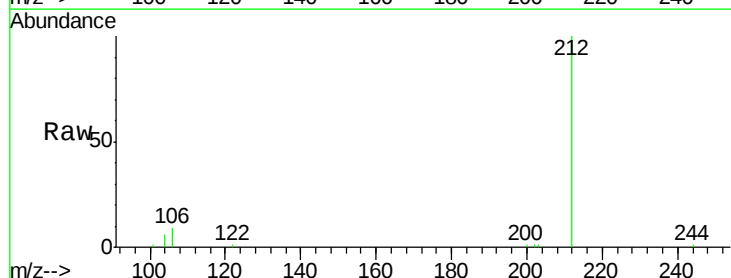
Tgt Ion:212 Resp: 11271

Ion Ratio Lower Upper

212 100

106 9.4 6.4 9.6

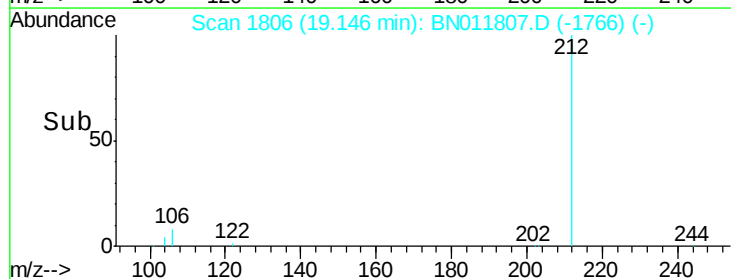
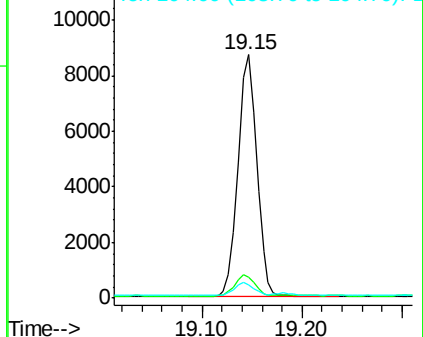
104 5.4 3.9 5.9

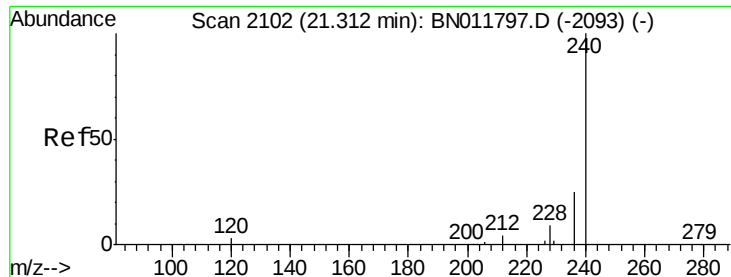


Abundance Ion 212.00 (211.70 to 212.70): E

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: BN011807.D

Acq: 15 Sep 2020 19:17

Instrument :

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SA-PZ163I-20200909

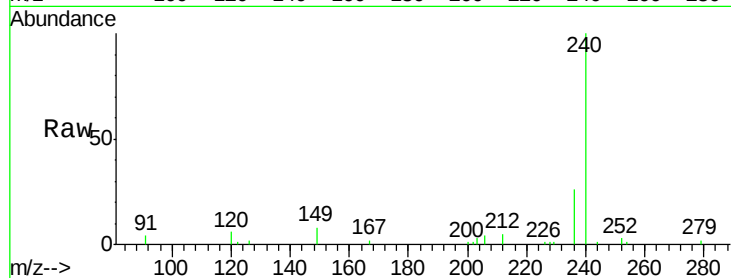
Tot Ion:240 Resp: 11906

Ion Ratio Lower Upper

240 100

120 6.3 3.5 5.3#

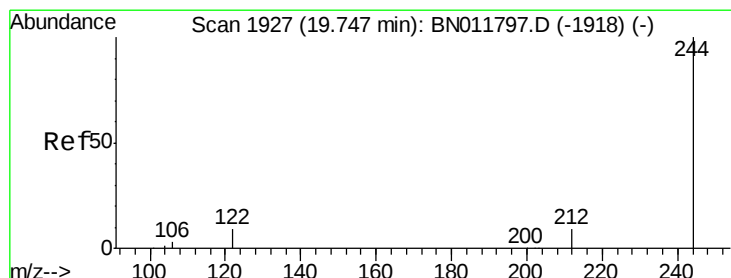
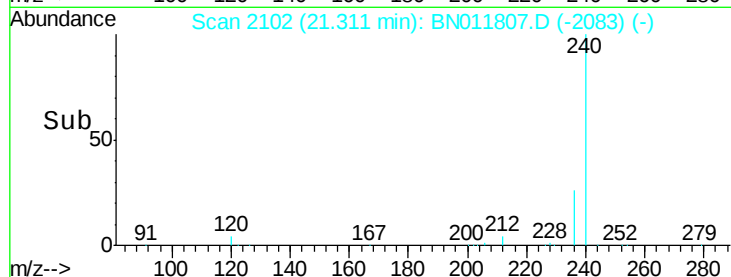
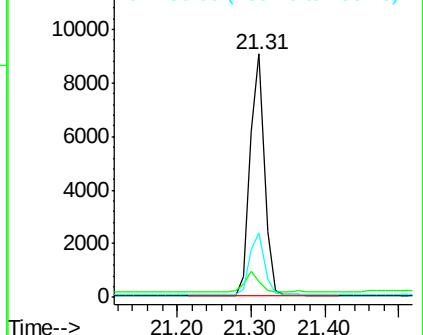
236 26.4 20.5 30.7



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: 0.325 ng

RT: 19.75 min Scan# 1928

Delta R.T. 0.01 min

Lab File: BN011807.D

Acq: 15 Sep 2020 19:17

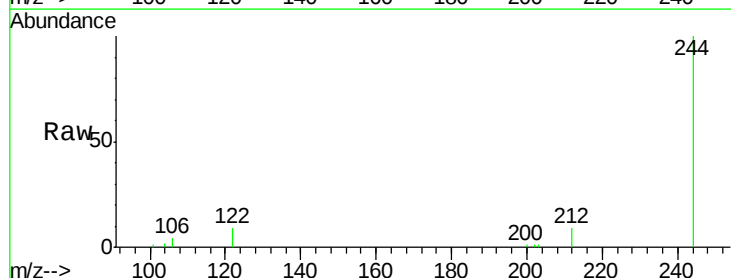
Tgt Ion:244 Resp: 12118

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

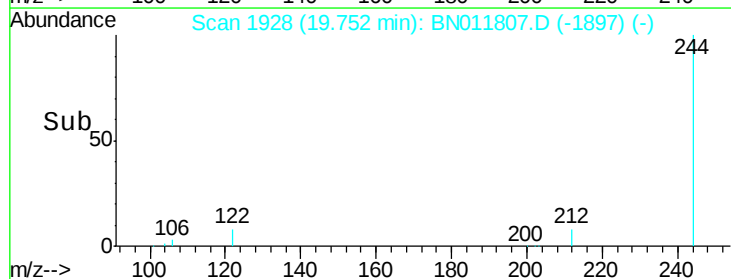
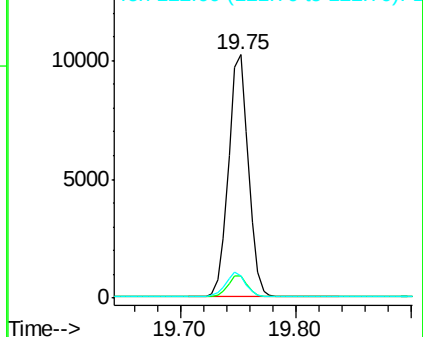
122 9.1 7.8 11.6

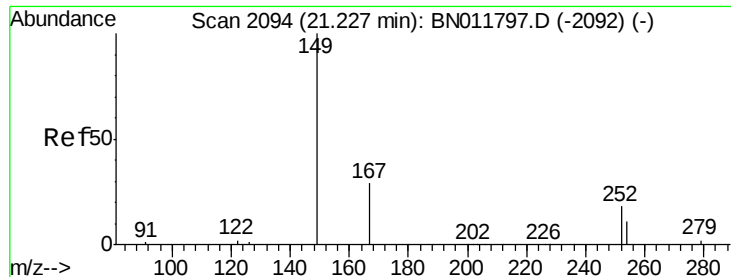


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

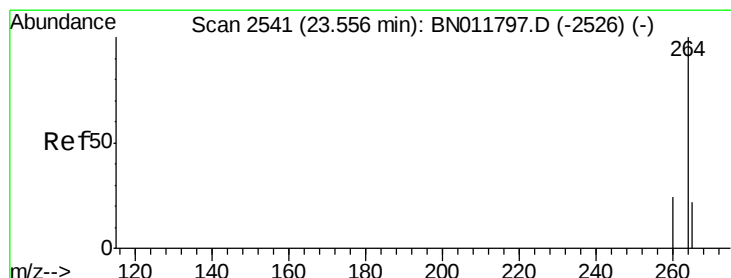
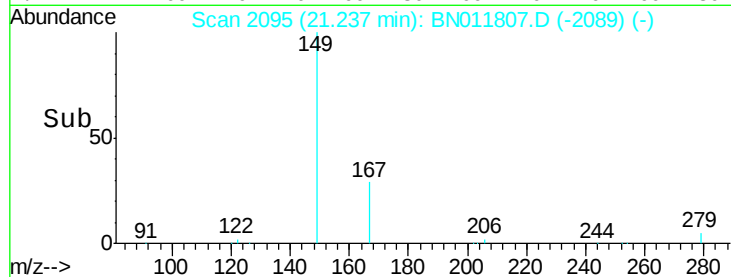
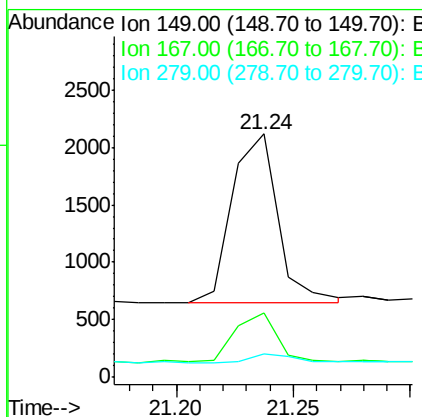
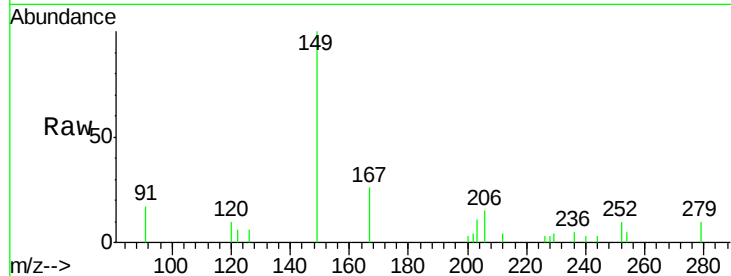




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.102 ng
 RT: 21.24 min Scan# 2095
 Delta R.T. 0.01 min
 Lab File: BN011807.D
 Acq: 15 Sep 2020 19:17

Instrument :
 BNA_N
 ClientSampleId :
 SA-PZ163I-20200909

Tot Ion:149 Resp: 1987
 Ion Ratio Lower Upper
 149 100
 167 26.6 23.6 35.4
 279 5.6 4.0 6.0



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.56 min Scan# 2542
 Delta R.T. 0.00 min
 Lab File: BN011807.D
 Acq: 15 Sep 2020 19:17

Tgt Ion:264 Resp: 11960
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 61.3 38.6 58.0#

