

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091520\
 Data File : BN011806.D
 Acq On : 15 Sep 2020 18:41
 Operator : CG/JU
 Sample : L3988-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SA-PZ190I-20200909

Quant Time: Sep 16 02:13:29 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

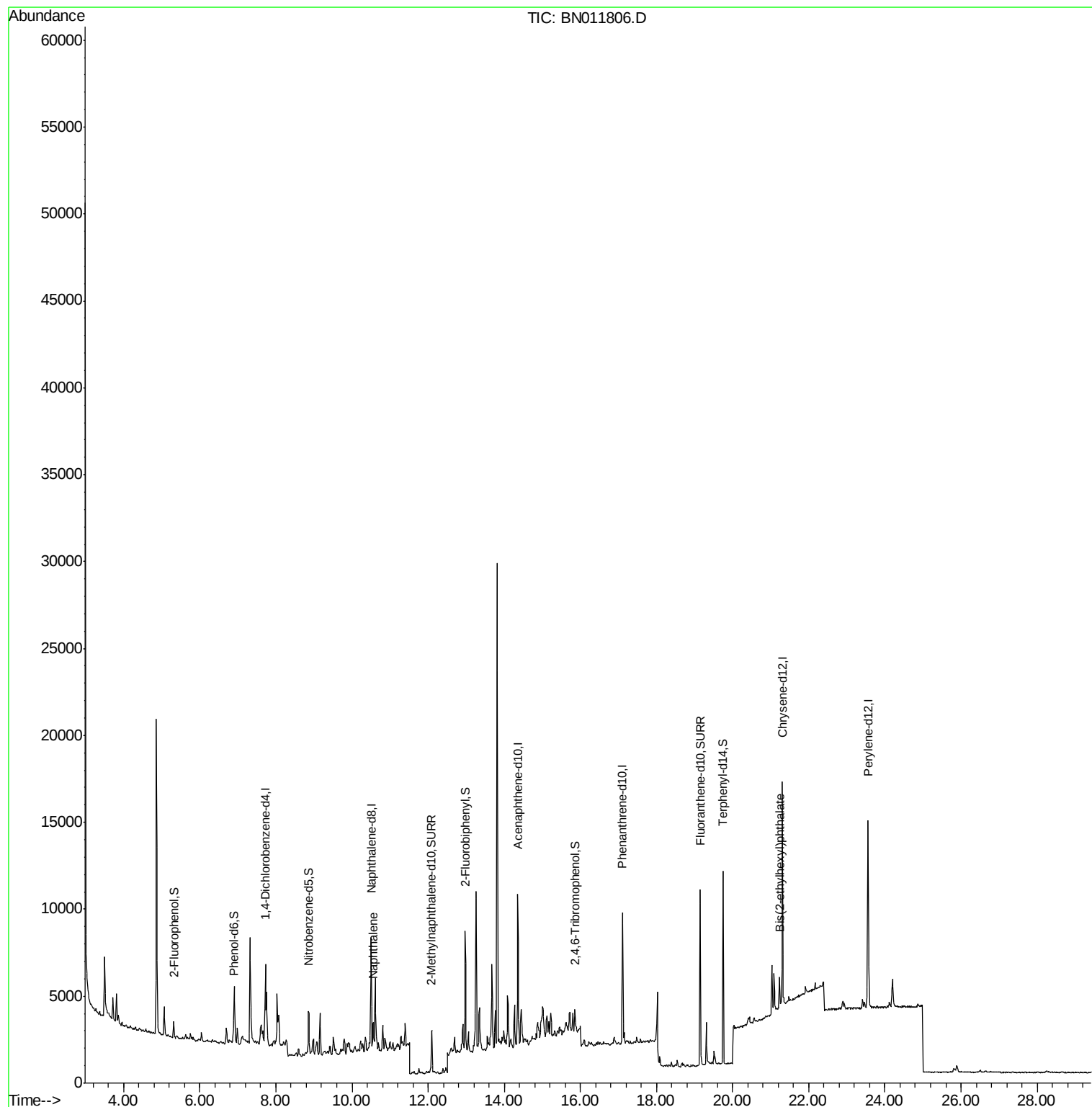
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	2090	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	7724	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	5083	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	11511	0.40	ng	0.00
29) Chrysene-d12	21.31	240	13265	0.40	ng	0.00
36) Perylene-d12	23.56	264	14261	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	652	0.11	ng	0.00
5) Phenol-d6	6.89	99	468	0.06	ng	0.00
8) Nitrobenzene-d5	8.86	82	2195	0.26	ng	-0.01
11) 2-Methylnaphthalene-d10	12.10	152	3425	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	894	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	5388	0.24	ng	-0.01
27) Fluoranthene-d10	19.15	212	11255	0.30	ng	0.00
31) Terphenyl-d14	19.75	244	11143	0.25	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	149	Below Cal	Qvalue #	1
9) Naphthalene	10.55	128	551	0.025 ng	#	1
34) Bis(2-ethylhexyl)phthalate	21.24	149	1982	0.091 ng		94

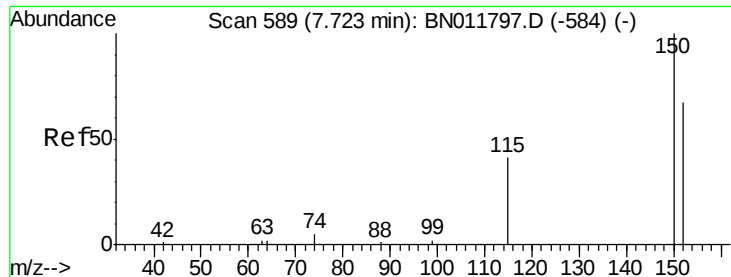
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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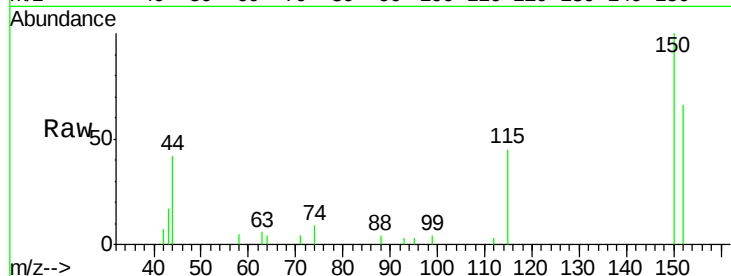


#1

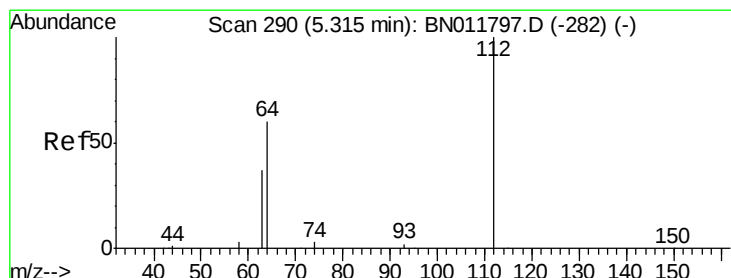
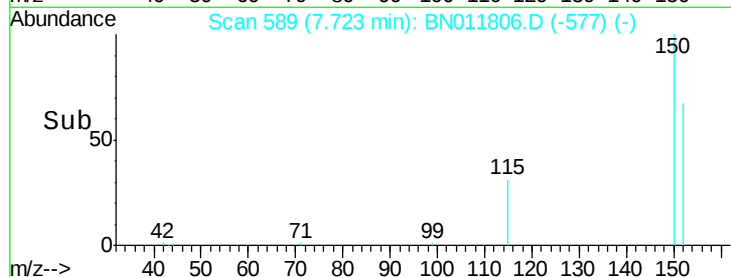
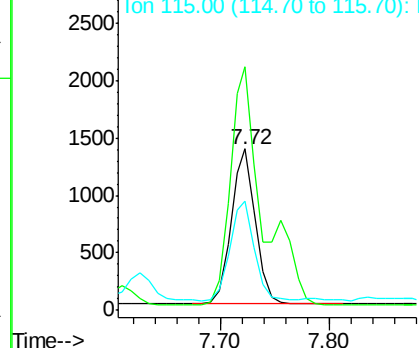
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 589
Delta R.T. -0.00 min
Lab File: BN011806.D
Acq: 15 Sep 2020 18:41

Instrument :
BNA_N
ClientSampleId :
SA-PZ190I-20200909

Tot Ion:152 Resp: 2090
Ion Ratio Lower Upper
152 100
150 150.7 118.3 177.5
115 67.6 51.3 76.9



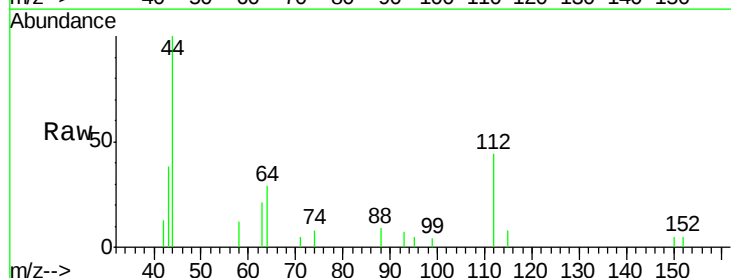
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



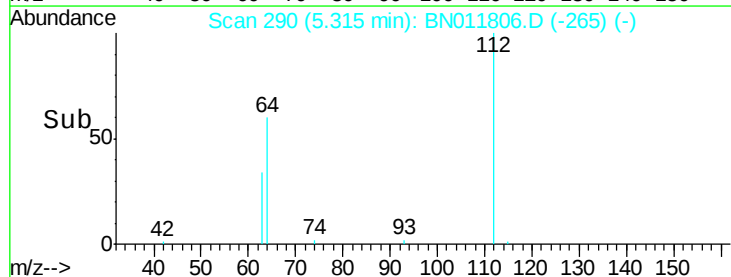
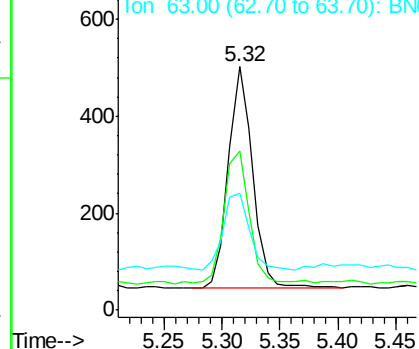
#4

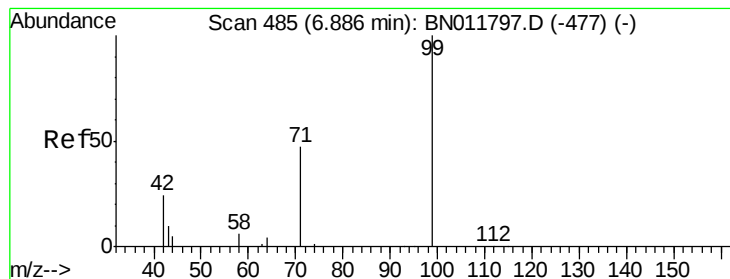
2-Fluorophenol
Concen: 0.113 ng
RT: 5.32 min Scan# 290
Delta R.T. -0.00 min
Lab File: BN011806.D
Acq: 15 Sep 2020 18:41

Tgt Ion:112 Resp: 652
Ion Ratio Lower Upper
112 100
64 64.0 49.0 73.6
63 37.3 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: 0.063 ng

RT: 6.89 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN011806.D

Acq: 15 Sep 2020 18:41

Instrument :

BNA_N

ClientSampleId :

SA-PZ1901-20200909

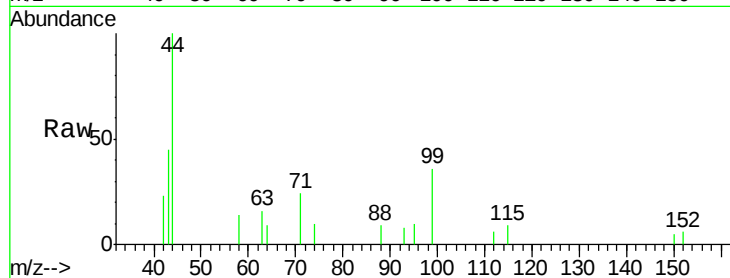
Tot Ion: 99 Resp: 468

Ion Ratio Lower Upper

99 100

42 98.5 23.4 35.0#

71 62.4 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) (-)

6.89

400

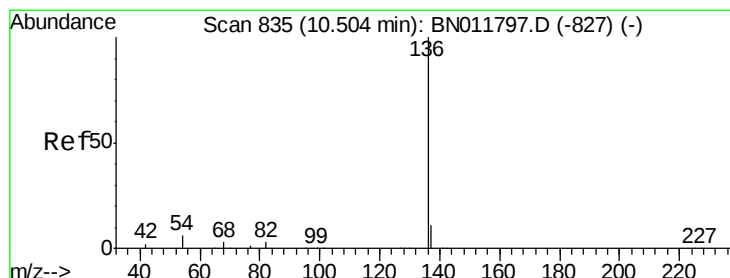
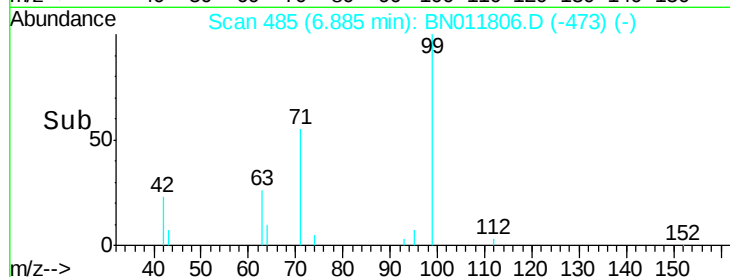
300

200

100

0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011806.D

Acq: 15 Sep 2020 18:41

Tgt Ion: 136 Resp: 7724

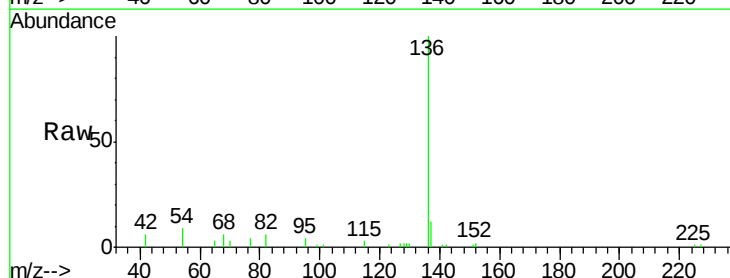
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 8.6 5.6 8.4#

68 6.4 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) (-)

10.50

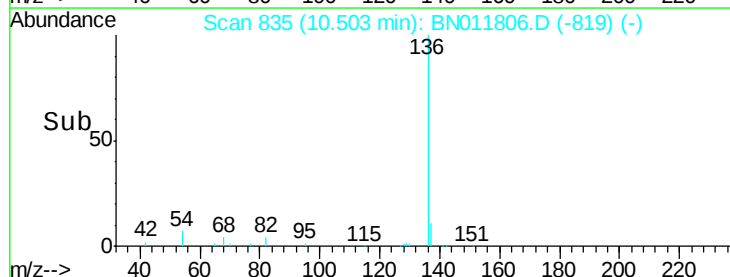
6000

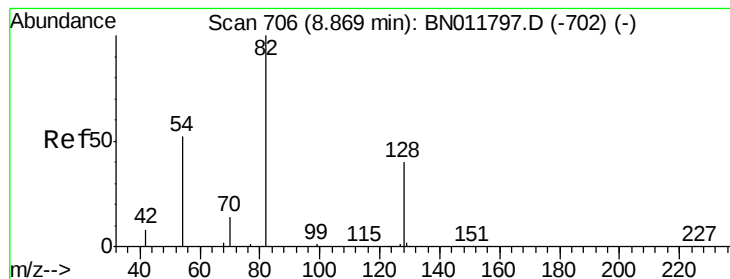
4000

2000

0

Time-->





#8

Nitrobenzene-d5

Concen: 0.258 ng

RT: 8.86 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN011806.D

Acq: 15 Sep 2020 18:41

Instrument :

BNA_N

ClientSampleId :

SA-PZ190I-20200909

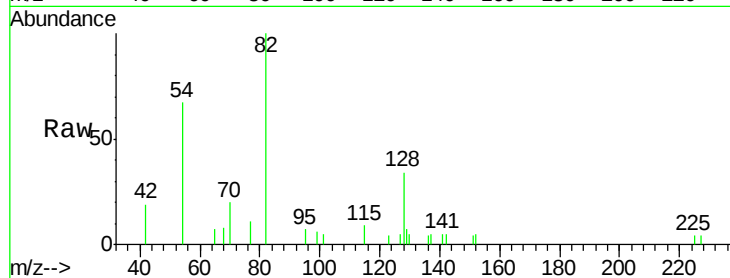
Tot Ion: 82 Resp: 2195

Ion Ratio Lower Upper

82 100

128 33.9 34.2 51.2#

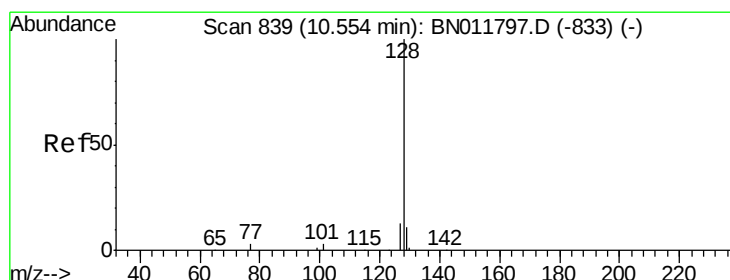
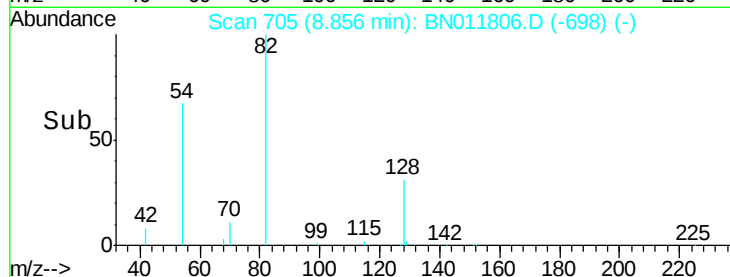
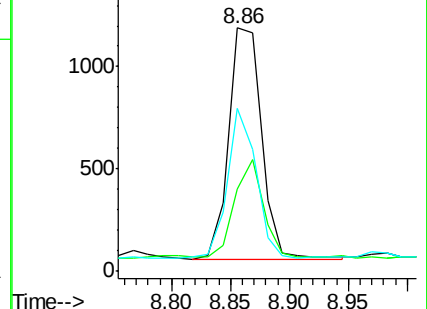
54 67.0 43.1 64.7#



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) (-)



#9

Naphthalene

Concen: 0.025 ng

RT: 10.55 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011806.D

Acq: 15 Sep 2020 18:41

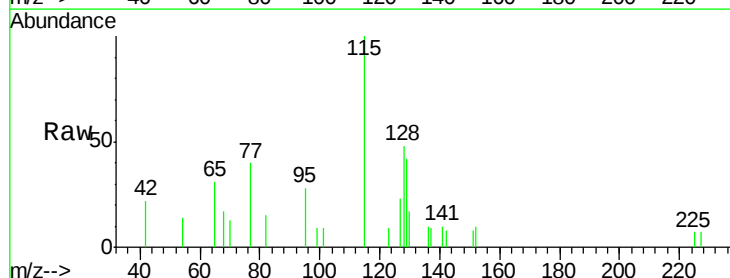
Tgt Ion: 128 Resp: 551

Ion Ratio Lower Upper

128 100

129 87.2 9.7 14.5#

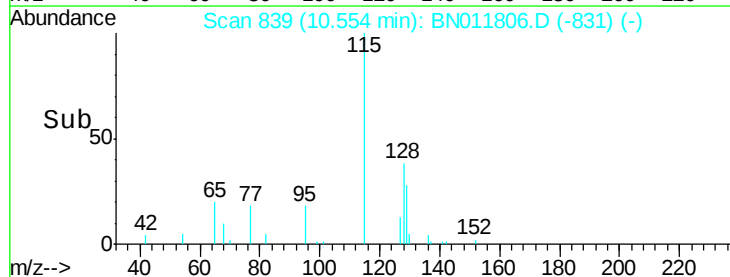
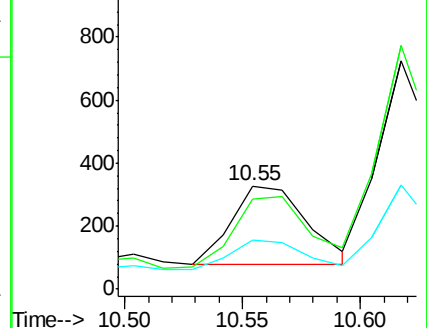
127 47.7 11.0 16.4#

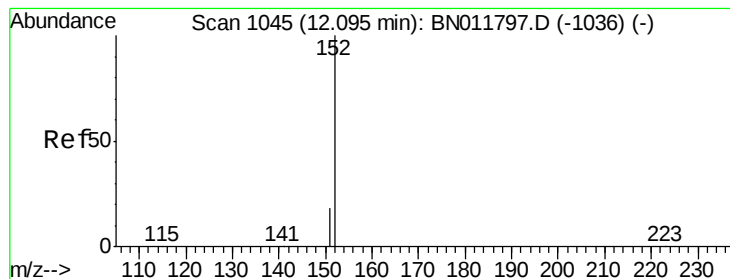


Abundance Ion 128.00 (127.70 to 128.70): BN011797.D (-833) (-)

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

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





#11

2-Methylnaphthalene-d10

Concen: 0.236 ng

RT: 12.10 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BN011806.D

Acq: 15 Sep 2020 18:41

Instrument :

BNA_N

ClientSampleId :

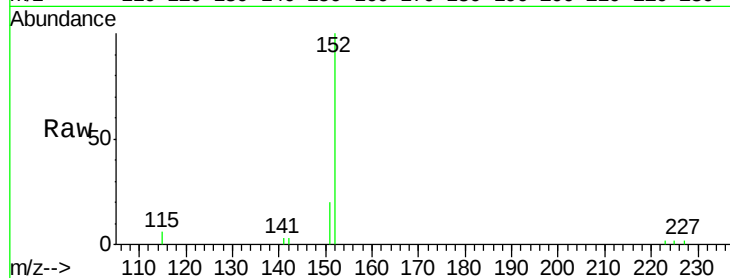
SA-PZ190I-20200909

Tot Ion:152 Resp: 3425

Ion Ratio Lower Upper

152 100

151 21.2 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

2500

2000

1500

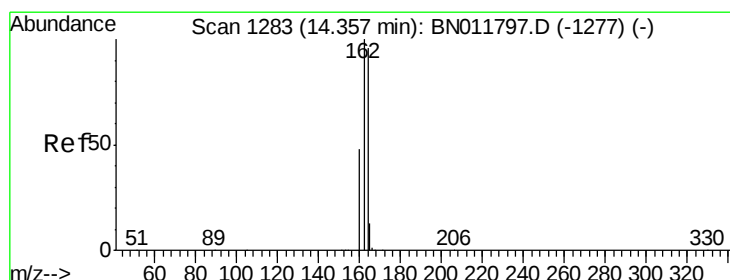
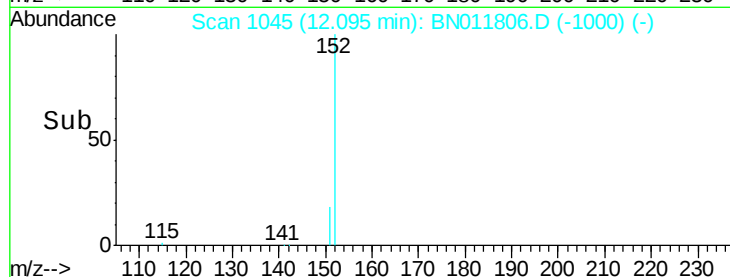
1000

500

0

Time-->

12.00 12.05 12.10 12.15



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BN011806.D

Acq: 15 Sep 2020 18:41

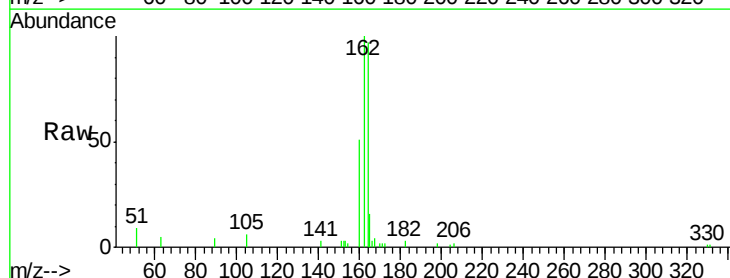
Tgt Ion:164 Resp: 5083

Ion Ratio Lower Upper

164 100

162 103.3 83.6 125.4

160 52.8 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

14.36

4000

3000

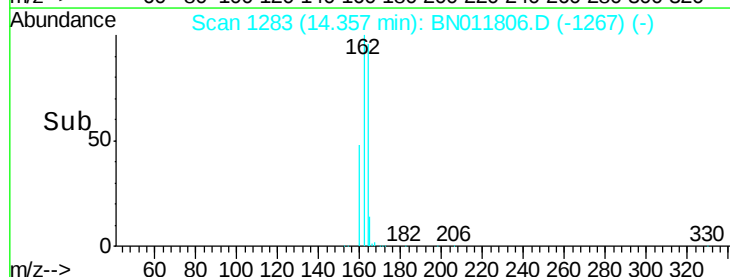
2000

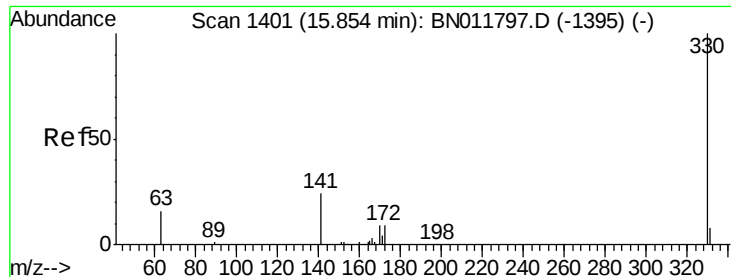
1000

0

Time-->

14.30 14.35 14.40

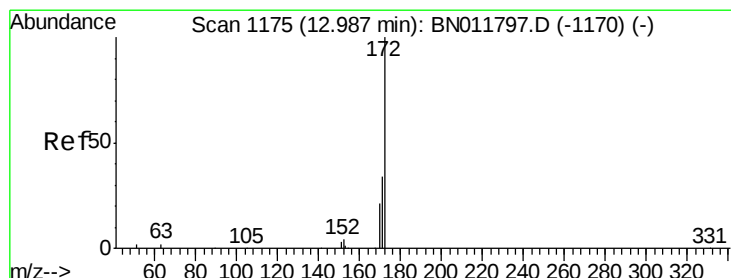
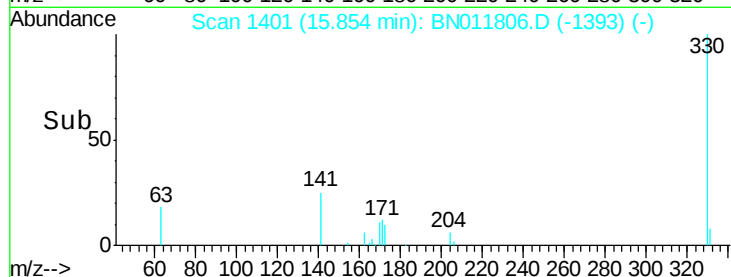
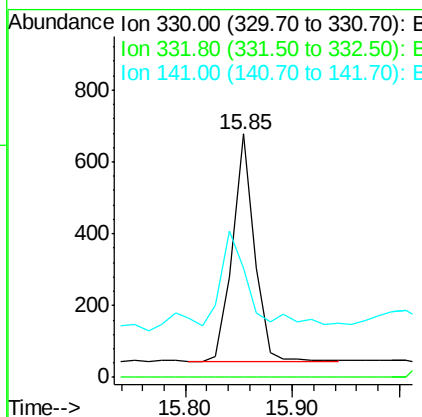
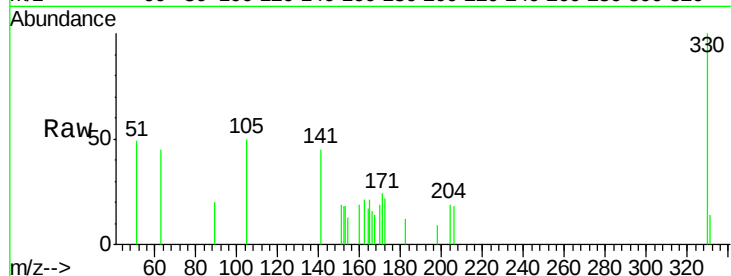




#14
 2,4,6-Tribromophenol
 Concen: 0.321 ng
 RT: 15.85 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BN011806.D
 Acq: 15 Sep 2020 18:41

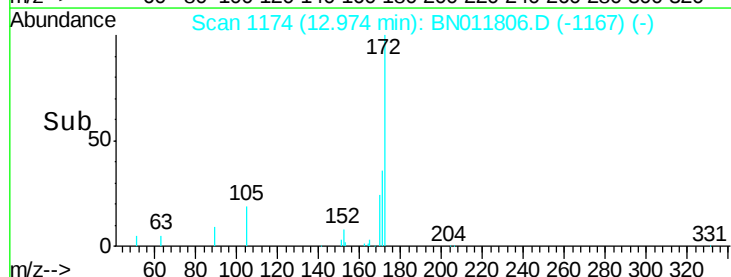
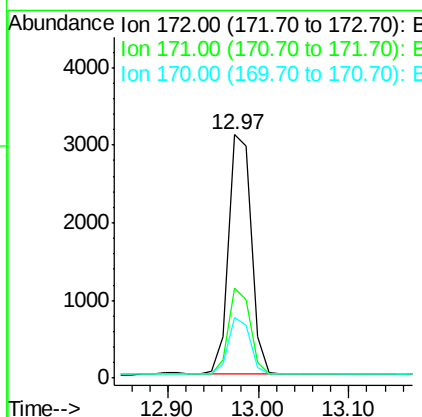
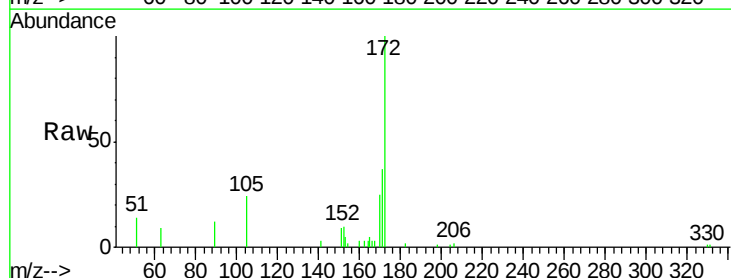
Instrument :
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 SA-PZ190I-20200909

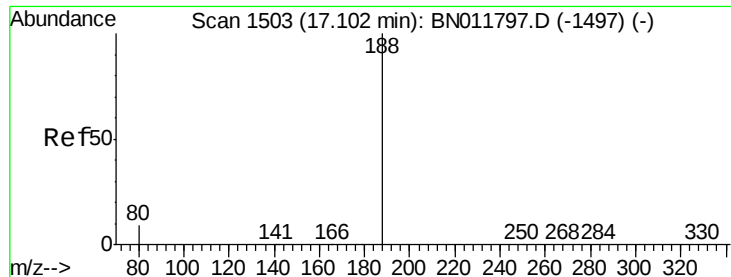
Tot Ion:330 Resp: 894
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 50.6 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.237 ng
 RT: 12.97 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BN011806.D
 Acq: 15 Sep 2020 18:41

Tgt Ion:172 Resp: 5388
 Ion Ratio Lower Upper
 172 100
 171 37.0 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: BN011806.D

Acq: 15 Sep 2020 18:41

Instrument :

BNA_N

ClientSampleId :

SA-PZ190I-20200909

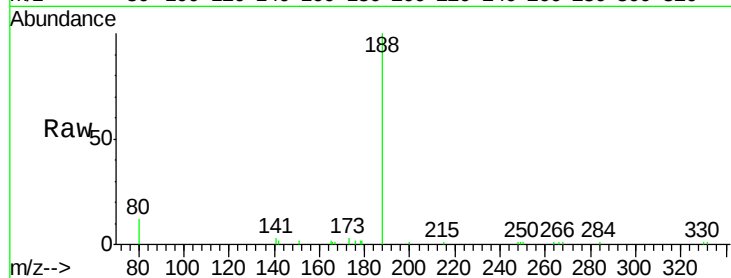
Tot Ion:188 Resp: 11511

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

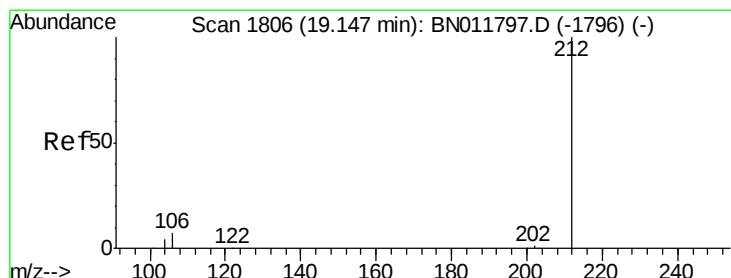
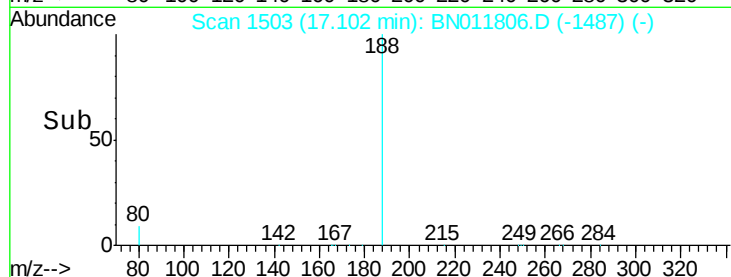
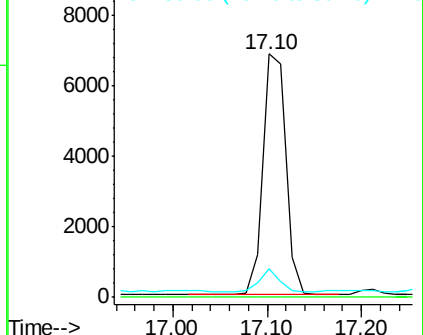
80 11.8 7.7 11.5#



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: 0.300 ng

RT: 19.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BN011806.D

Acq: 15 Sep 2020 18:41

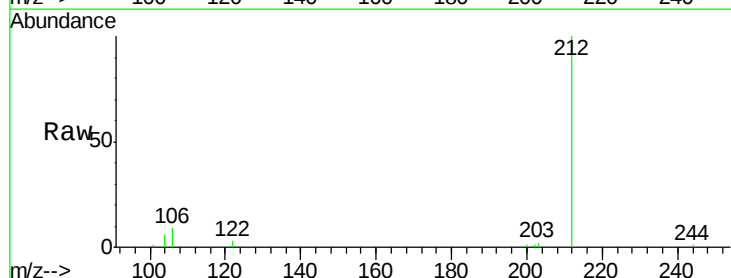
Tgt Ion:212 Resp: 11255

Ion Ratio Lower Upper

212 100

106 9.2 6.4 9.6

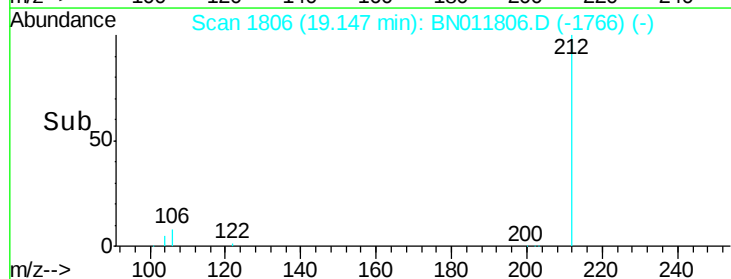
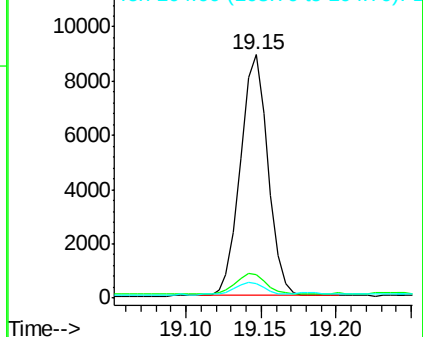
104 5.5 3.9 5.9

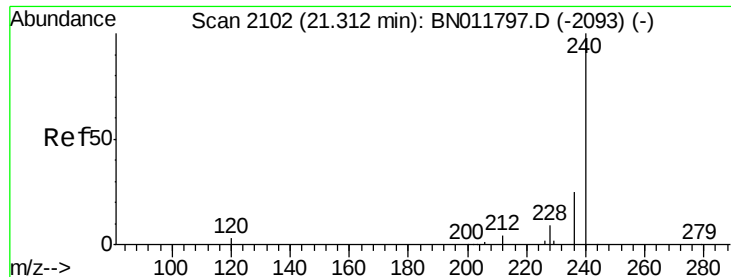


Abundance Ion 212.00 (211.70 to 212.70): E

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: BN011806.D

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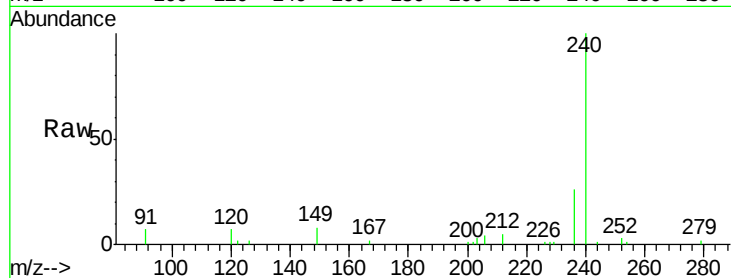
Tot Ion:240 Resp: 13265

Ion Ratio Lower Upper

240 100

120 6.6 3.5 5.3#

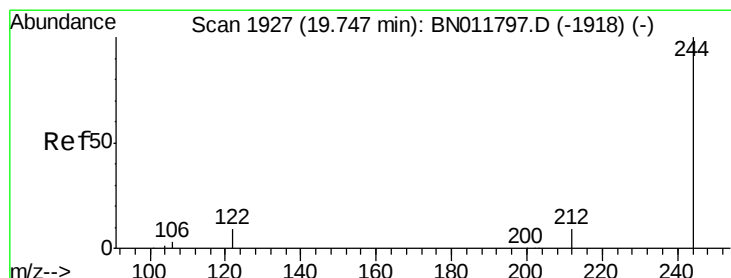
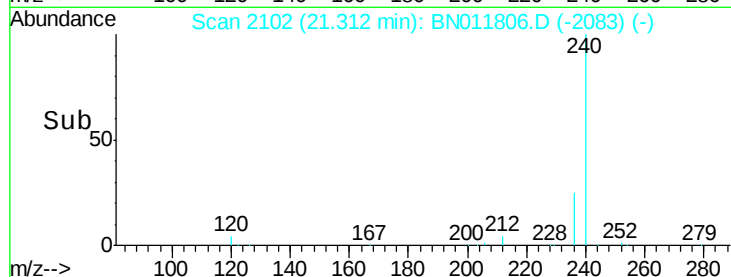
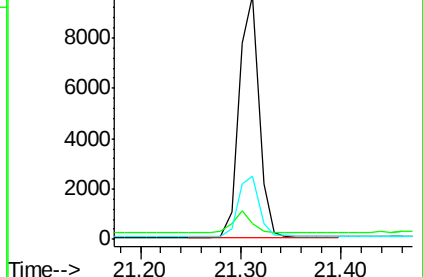
236 25.9 20.5 30.7



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: 0.246 ng

RT: 19.75 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BN011806.D

Acq: 15 Sep 2020 18:41

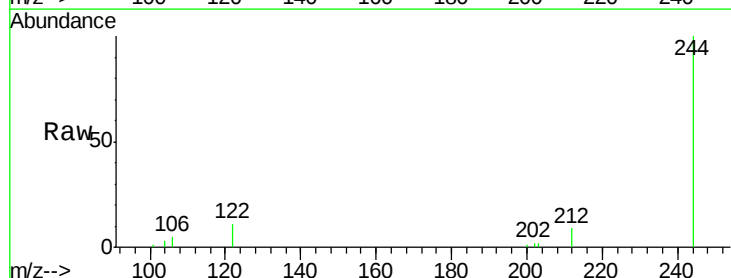
Tgt Ion:244 Resp: 11143

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

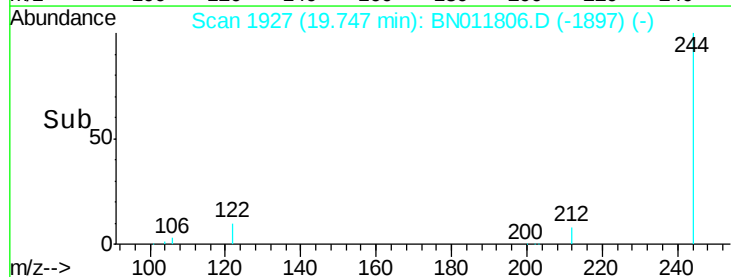
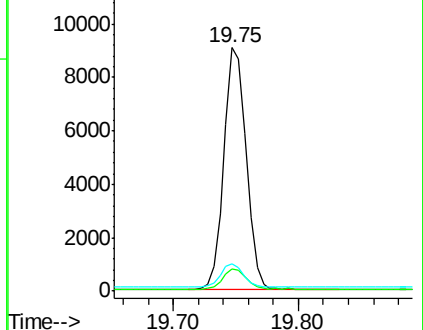
122 11.3 7.8 11.6

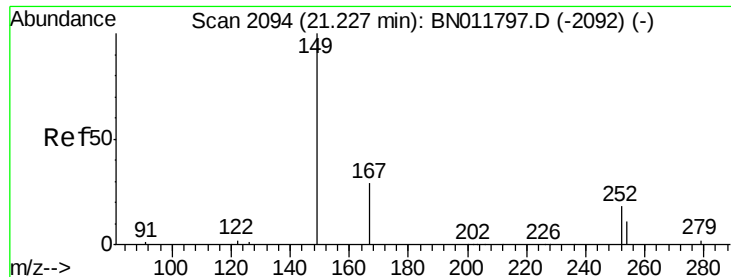


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.091 ng

RT: 21.24 min Scan# 2095

Delta R.T. 0.01 min

Lab File: BN011806.D

Acq: 15 Sep 2020 18:41

Instrument :

BNA_N

ClientSampleId :

SA-PZ190I-20200909

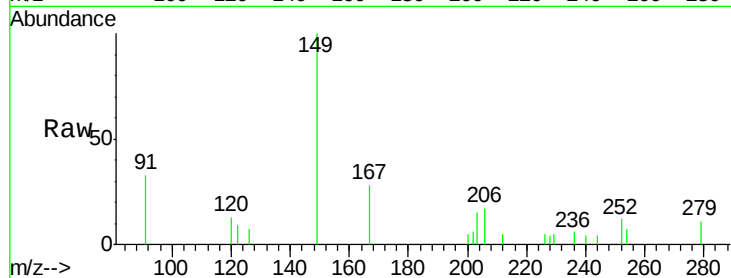
Tot Ion:149 Resp: 1982

Ion Ratio Lower Upper

149 100

167 25.8 23.6 35.4

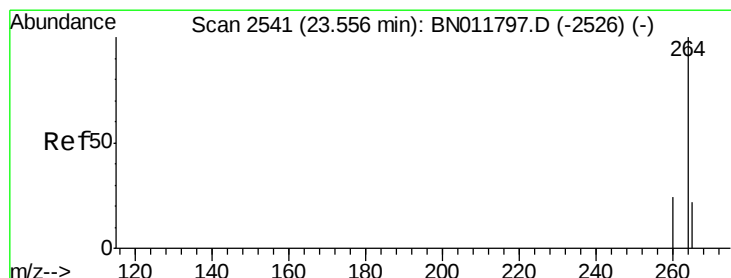
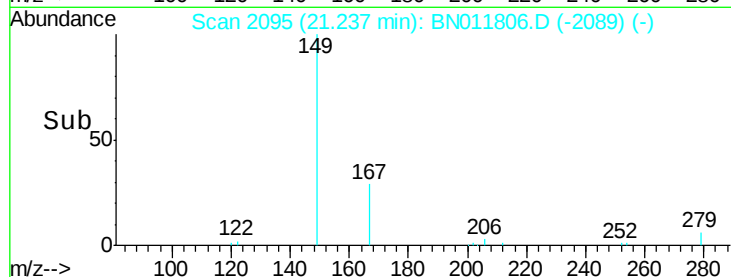
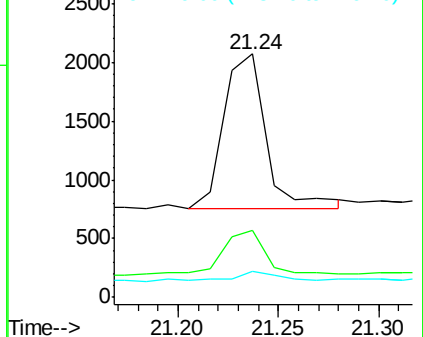
279 4.2 4.0 6.0



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

Perylene-d12

Concen: 0.400 ng

RT: 23.56 min Scan# 2541

Delta R.T. -0.00 min

Lab File: BN011806.D

Acq: 15 Sep 2020 18:41

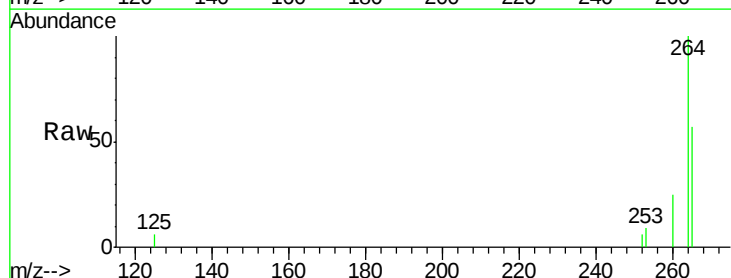
Tgt Ion:264 Resp: 14261

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 57.3 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

