

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090920\
 Data File : BN011773.D
 Acq On : 09 Sep 2020 18:21
 Operator : CG/JU
 Sample : L3902-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FT-PZ460I-20200901

Quant Time: Sep 09 18:52:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 10:54:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2423	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	9201	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	5375	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	11933	0.40	ng	0.00
29) Chrysene-d12	21.31	240	11756	0.40	ng	0.00
36) Perylene-d12	23.55	264	11398	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	1103	0.16	ng	0.00
5) Phenol-d6	6.89	99	853	0.09	ng	0.00
8) Nitrobenzene-d5	8.87	82	3221	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	5353	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	932	0.36	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	8232	0.36	ng	0.00
27) Fluoranthene-d10	19.15	212	12357	0.32	ng	0.00
31) Terphenyl-d14	19.75	244	11554	0.40	ng	0.00

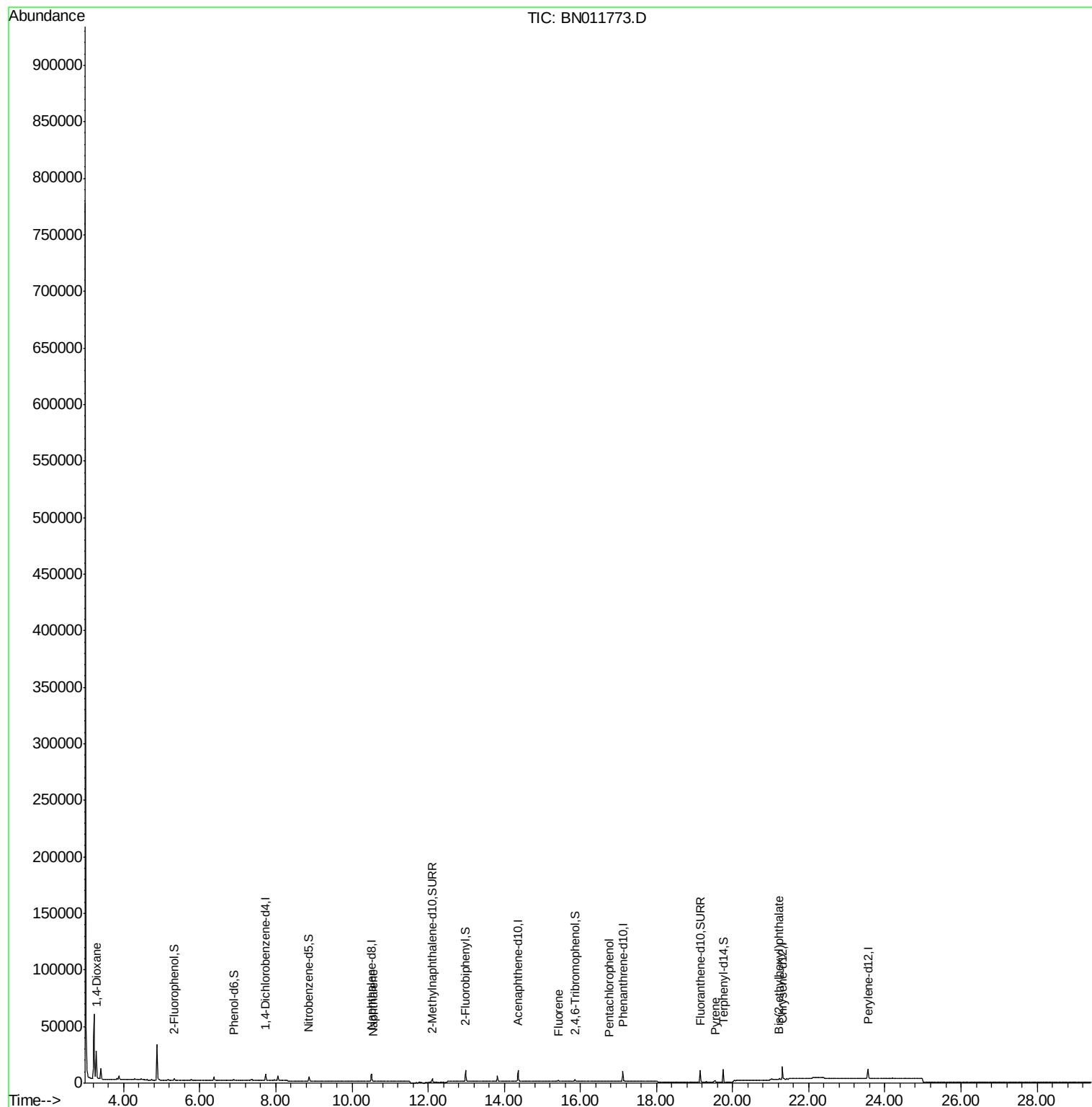
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	15219	3.907	ng	98
9) Naphthalene	10.57	128	602	0.023	ng	# 66
18) Fluorene	15.42	166	788	0.034	ng	# 40
24) Pentachlorophenol	16.76	266	120	0.035	ng	95
30) Pyrene	19.54	202	1923	0.047	ng	98
34) Bis(2-ethylhexyl)phthalate	21.23	149	771	0.045	ng	96

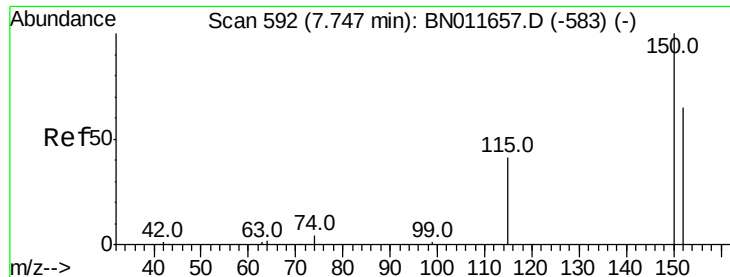
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.73 min Scan# 590

Delta R.T. 0.00 min

Lab File: BN011773.D

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Instrument :

BNA_N

ClientSampleId :

FT-PZ460I-20200901

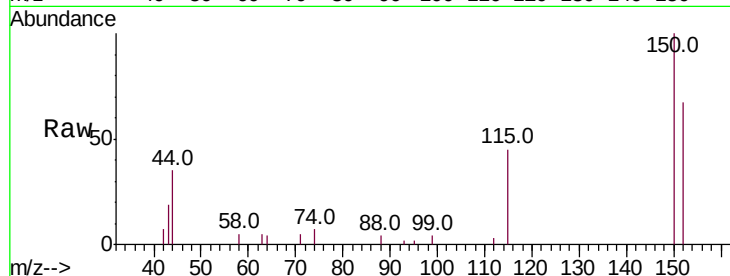
Tot Ion:152 Resp: 2423

Ion Ratio Lower Upper

152 100

150 150.2 121.0 181.6

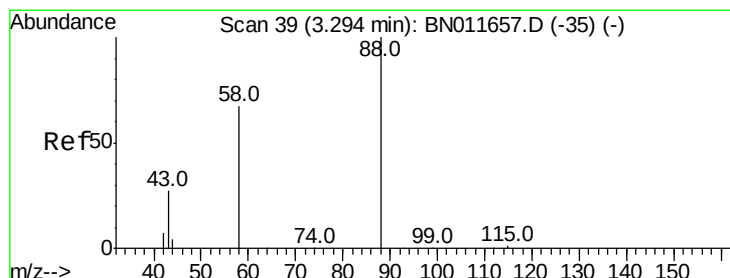
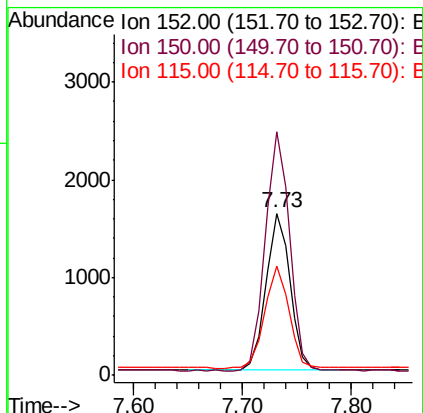
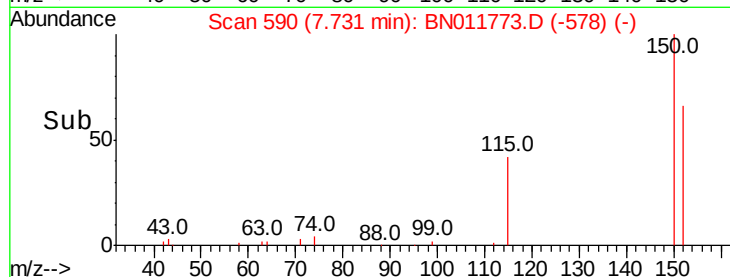
115 67.0 52.6 78.8



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: 3.907 ng

RT: 3.29 min Scan# 38

Delta R.T. -0.01 min

Lab File: BN011773.D

Acq: 09 Sep 2020 18:21

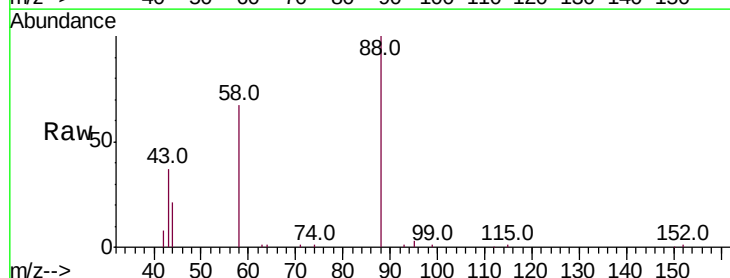
Tgt Ion: 88 Resp: 15219

Ion Ratio Lower Upper

88 100

58 74.3 61.4 92.0

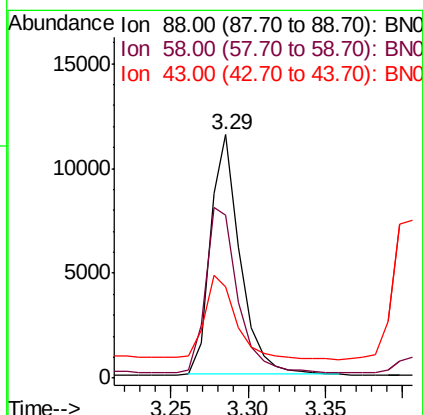
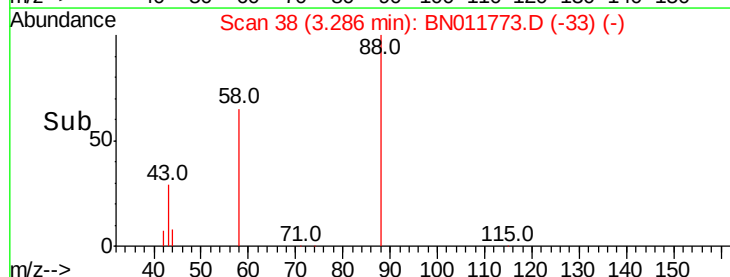
43 36.9 29.8 44.8

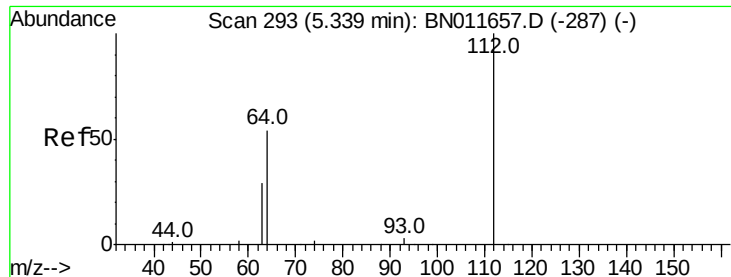


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.161 ng

RT: 5.33 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011773.D

Acq: 09 Sep 2020 18:21

Instrument :

BNA_N

ClientSampleId :

FT-PZ460I-20200901

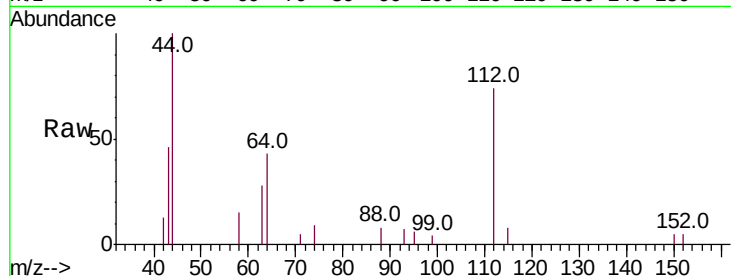
Tot Ion:112 Resp: 1103

Ion Ratio Lower Upper

112 100

64 63.9 49.7 74.5

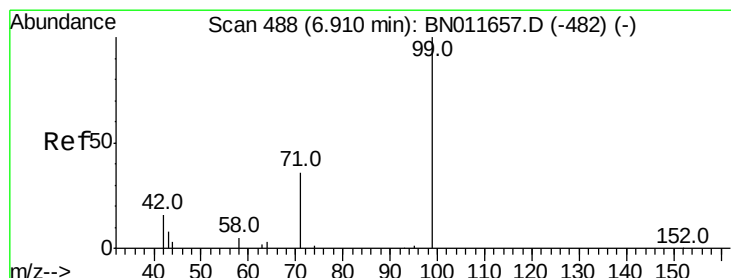
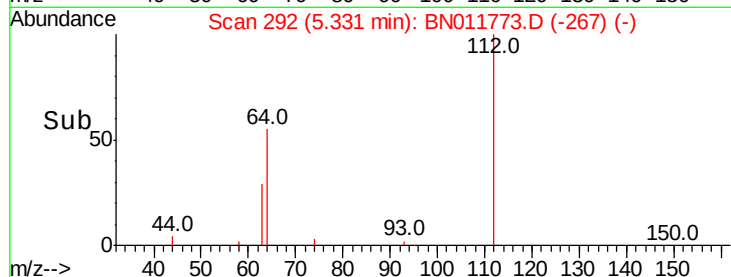
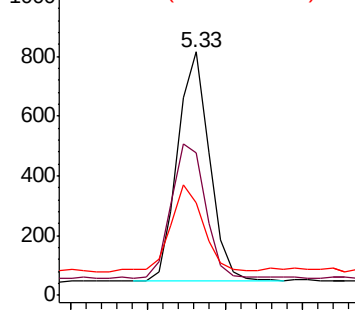
63 38.8 29.4 44.0



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: 0.092 ng

RT: 6.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN011773.D

Acq: 09 Sep 2020 18:21

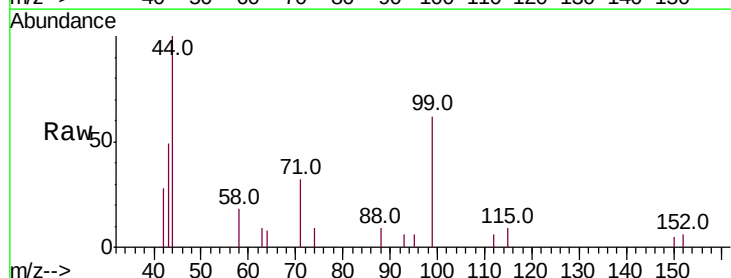
Tgt Ion: 99 Resp: 853

Ion Ratio Lower Upper

99 100

42 26.1 20.2 30.2

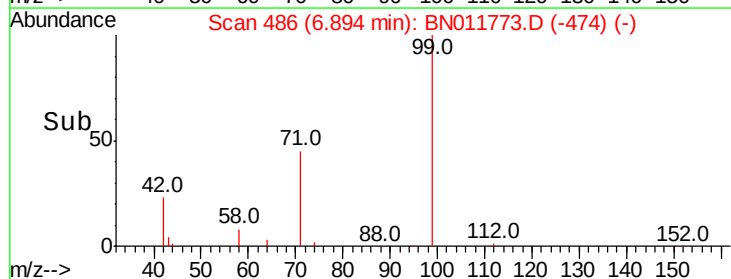
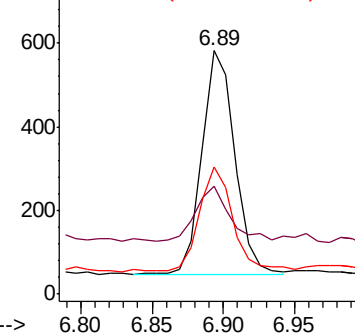
71 47.1 33.3 49.9

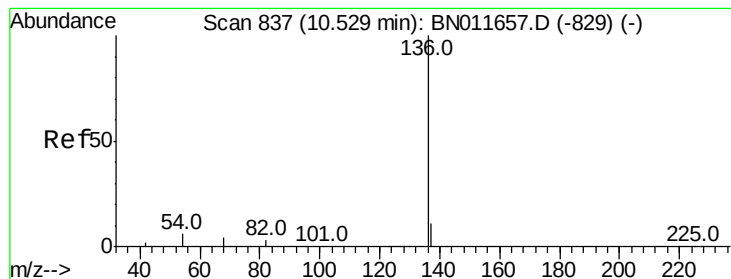


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.52 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011773.D

Acq: 09 Sep 2020 18:21

Instrument :

BNA_N

ClientSampleId :

FT-PZ460I-20200901

Tot Ion:136 Resp: 9201

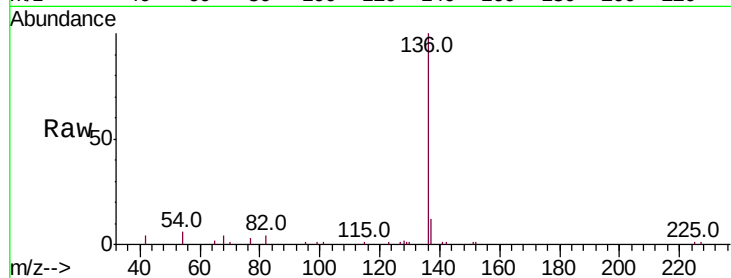
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 5.8 5.8 8.8#

68 4.4 4.1 6.1

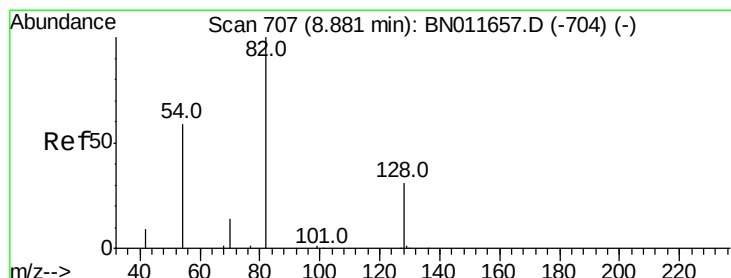
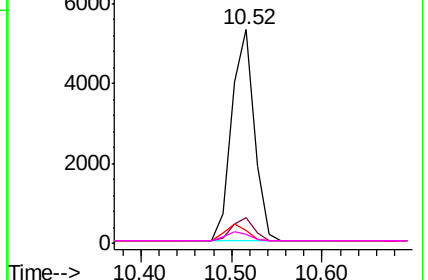
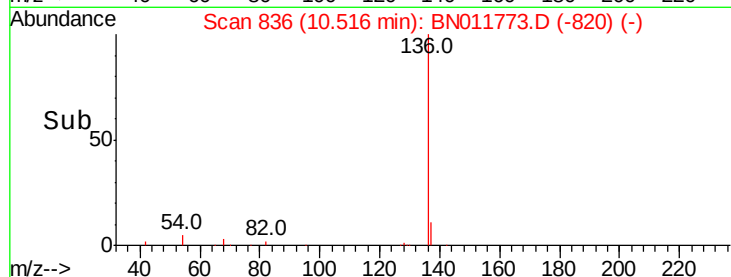


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.362 ng

RT: 8.87 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN011773.D

Acq: 09 Sep 2020 18:21

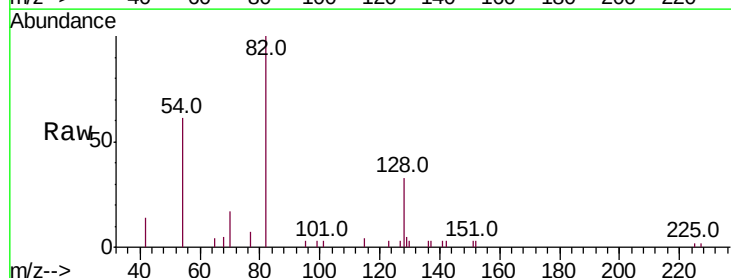
Tgt Ion: 82 Resp: 3221

Ion Ratio Lower Upper

82 100

128 33.2 26.2 39.2

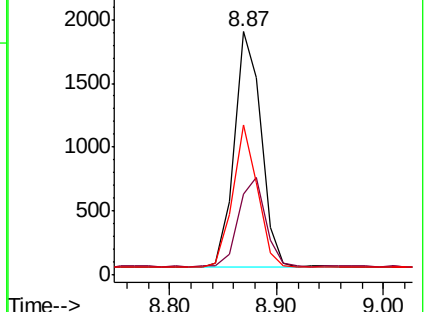
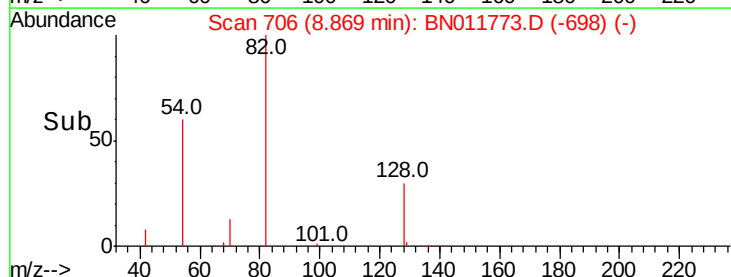
54 61.4 48.2 72.4

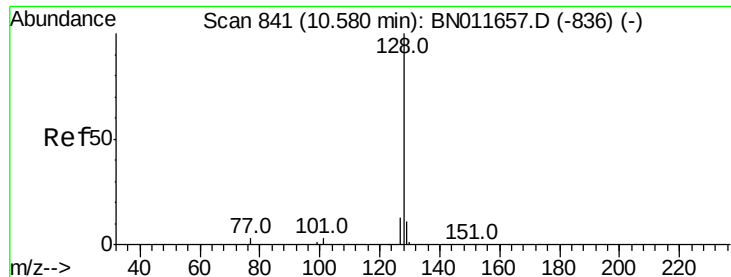


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.023 ng

RT: 10.57 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN011773.D

Acq: 09 Sep 2020 18:21

Instrument :

BNA_N

ClientSampleId :

FT-PZ460I-20200901

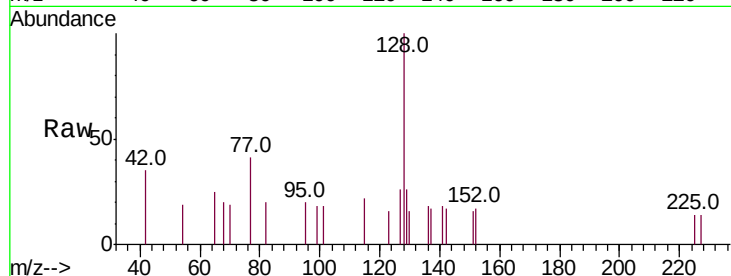
Tot Ion:128 Resp: 602

Ion Ratio Lower Upper

128 100

129 26.3 9.4 14.2#

127 26.0 10.8 16.2#



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

10.57

300

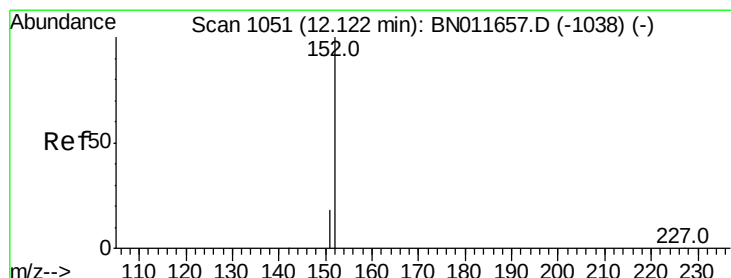
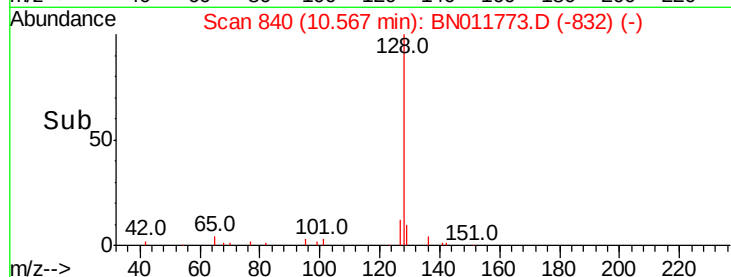
200

100

0

10.50 10.60 10.70

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.323 ng

RT: 12.11 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BN011773.D

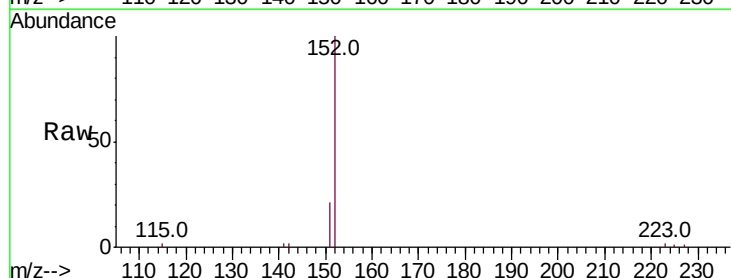
Acq: 09 Sep 2020 18:21

Tgt Ion:152 Resp: 5353

Ion Ratio Lower Upper

152 100

151 20.4 16.7 25.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

4000

3000

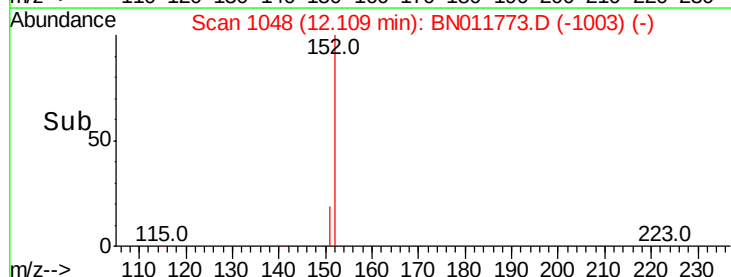
2000

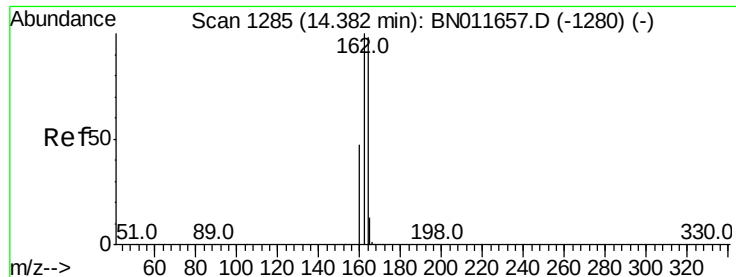
1000

0

12.00 12.10 12.20

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BN011773.D

Acq: 09 Sep 2020 18:21

Instrument :

BNA_N

ClientSampleId :

FT-PZ460I-20200901

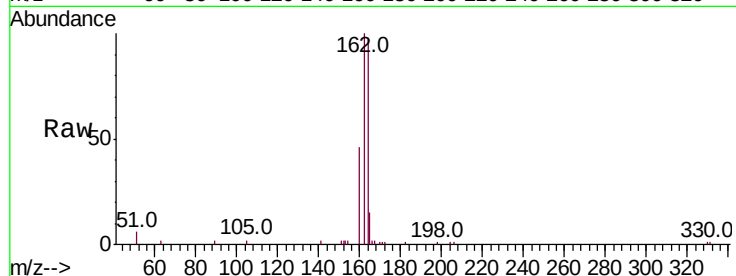
Tot Ion:164 Resp: 5375

Ion Ratio Lower Upper

164 100

162 103.5 81.4 122.0

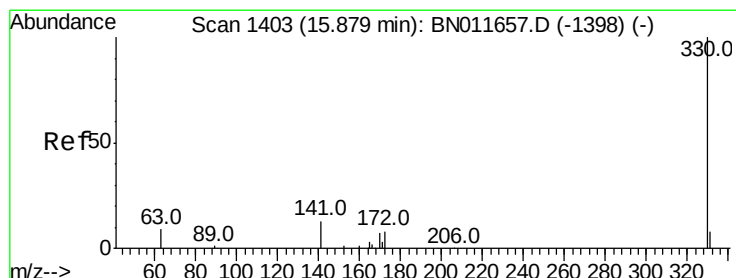
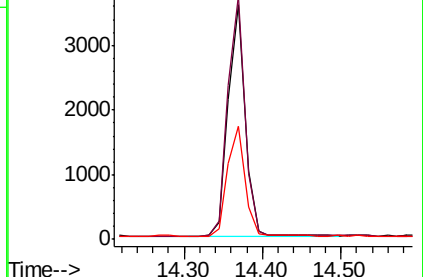
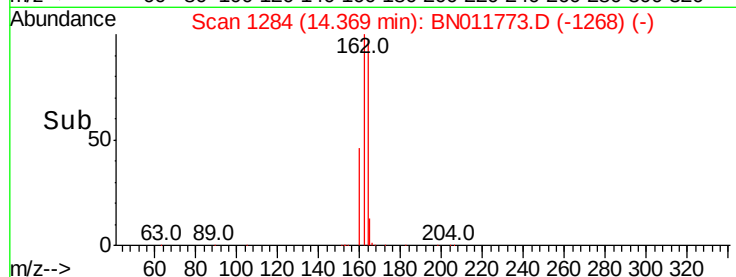
160 48.1 38.5 57.7



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: 0.357 ng

RT: 15.85 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BN011773.D

Acq: 09 Sep 2020 18:21

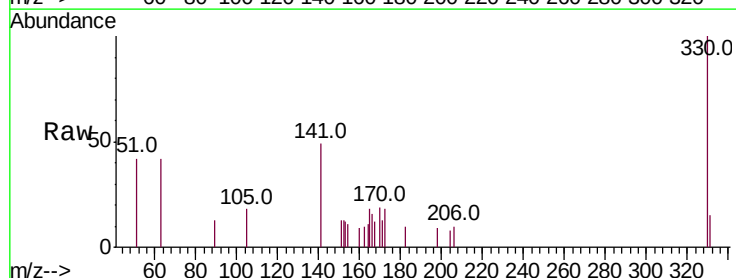
Tgt Ion:330 Resp: 932

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

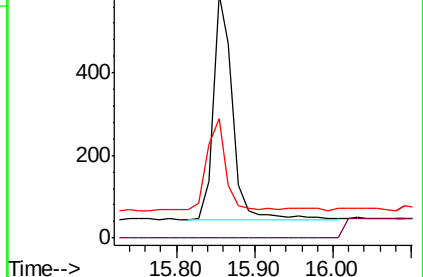
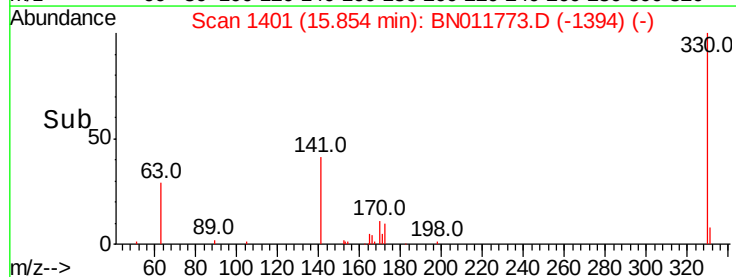
141 38.5 29.8 44.8

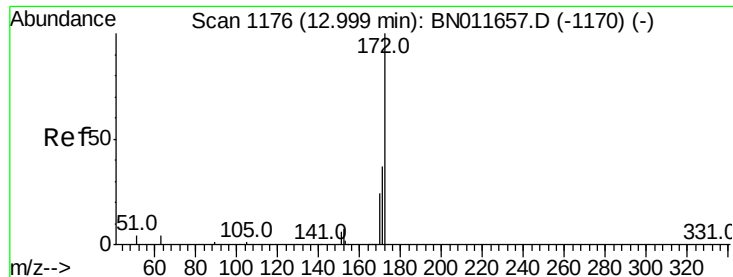


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

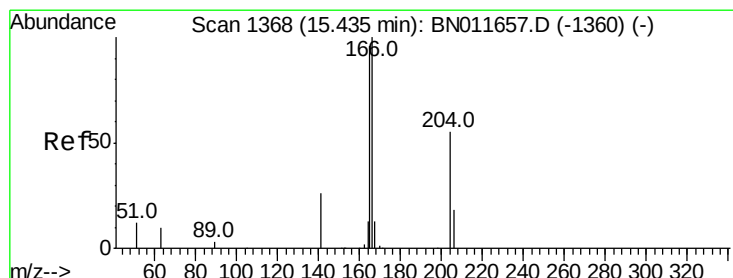
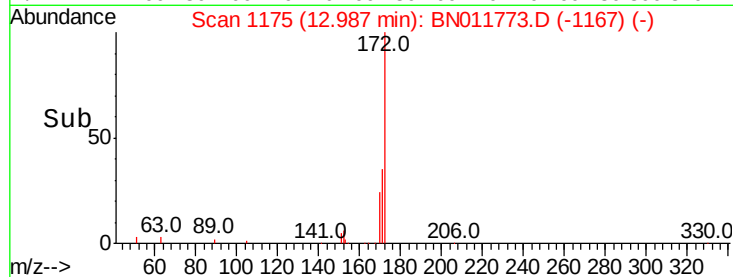
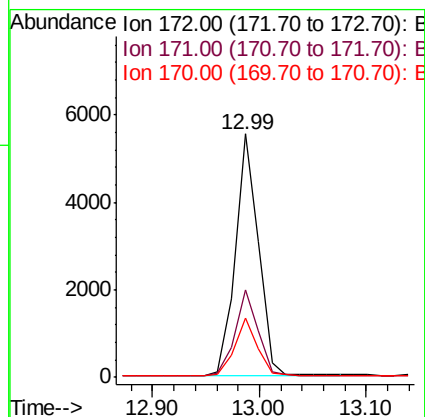
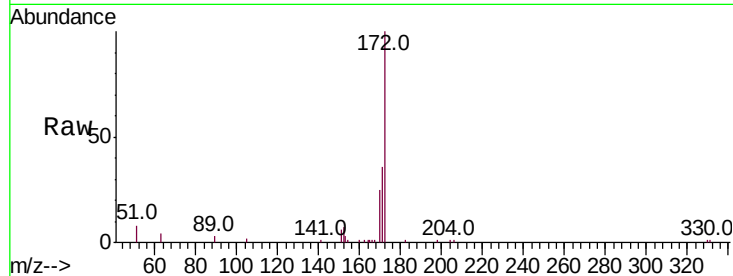




#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 12.99 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BN011773.D
Acq: 09 Sep 2020 18:21

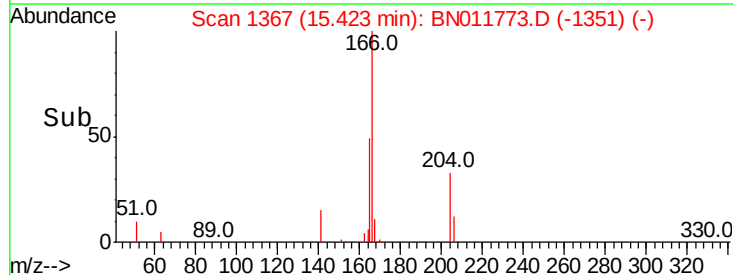
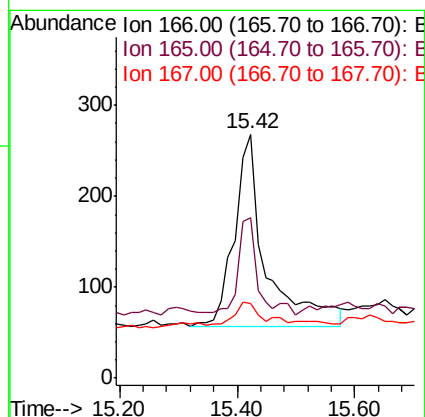
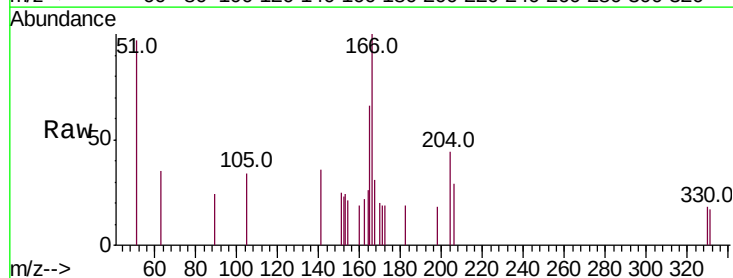
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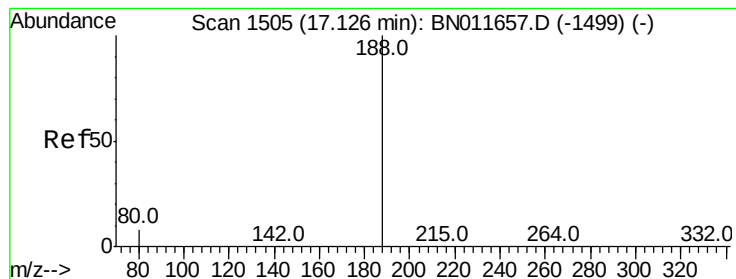
Tot Ion:172 Resp: 8232
Ion Ratio Lower Upper
172 100
171 35.9 30.0 45.0
170 24.6 20.1 30.1



#18
Fluorene
Concen: 0.034 ng
RT: 15.42 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BN011773.D
Acq: 09 Sep 2020 18:21

Tgt Ion:166 Resp: 788
Ion Ratio Lower Upper
166 100
165 30.7 77.7 116.5#
167 10.7 11.0 16.4#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.11 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BN011773.D

Acq: 09 Sep 2020 18:21

Instrument :

BNA_N

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FT-PZ460I-20200901

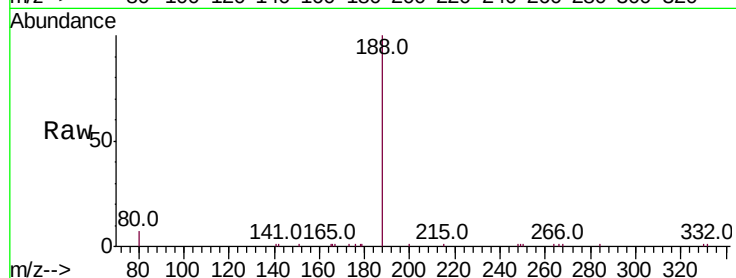
Tot Ion:188 Resp: 11933

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

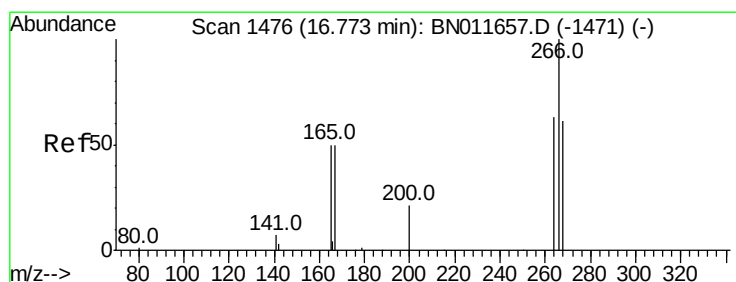
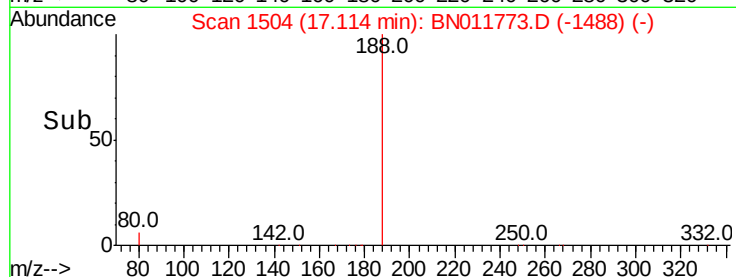
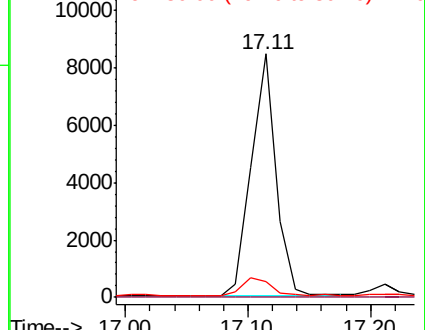
80 6.7 6.6 9.8



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



#24

Pentachlorophenol

Concen: 0.035 ng

RT: 16.76 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BN011773.D

Acq: 09 Sep 2020 18:21

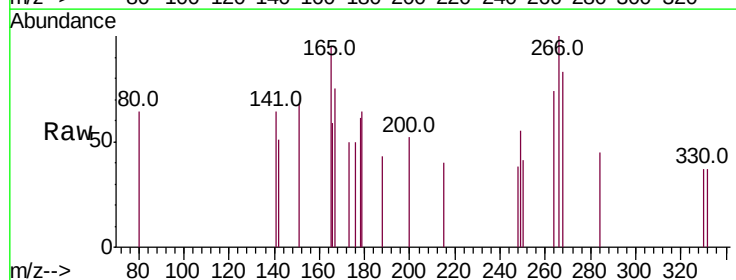
Tgt Ion:266 Resp: 120

Ion Ratio Lower Upper

266 100

264 61.7 49.5 74.3

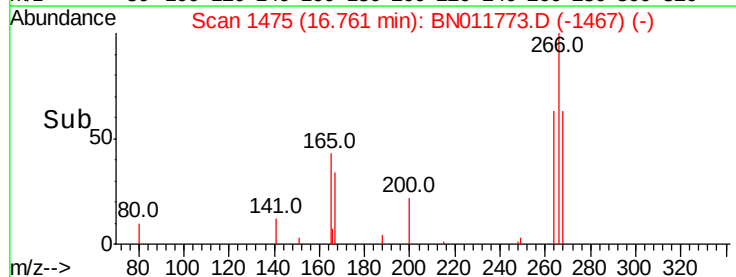
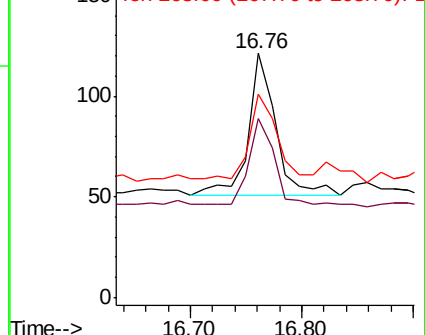
268 59.2 53.0 79.4

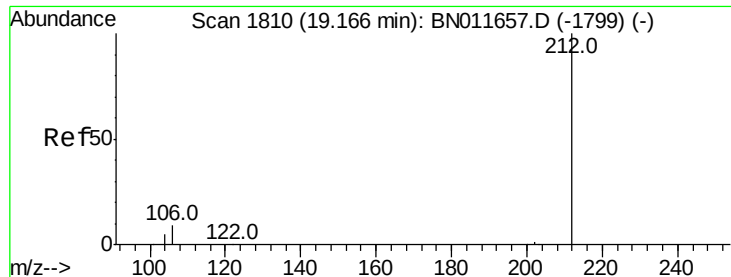


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

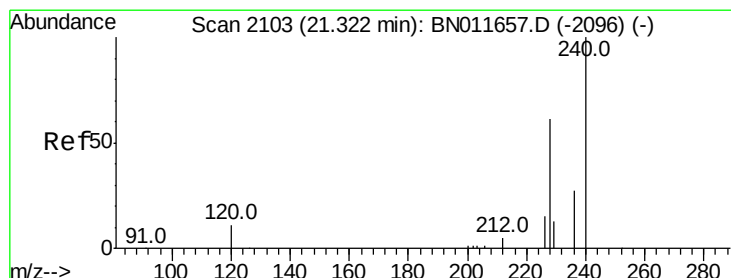
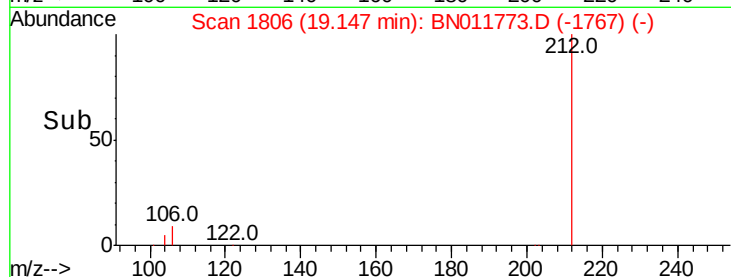
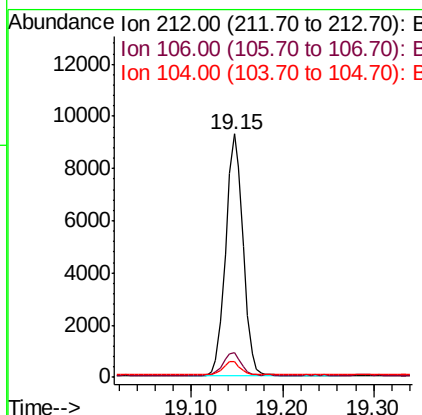
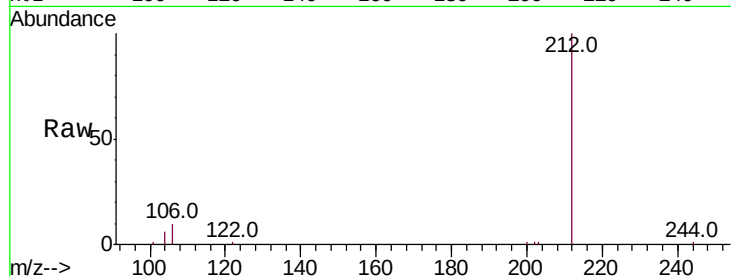




#27
 Fluoranthene-d10
 Concen: 0.323 ng
 RT: 19.15 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BN011773.D
 Acq: 09 Sep 2020 18:21

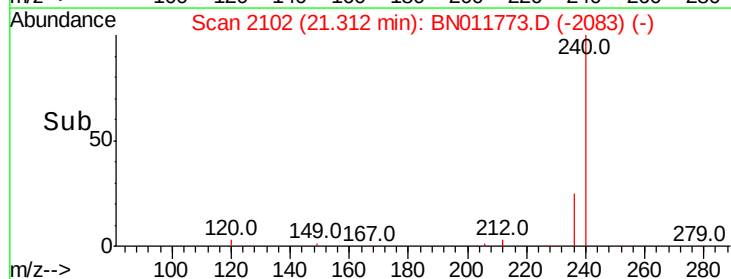
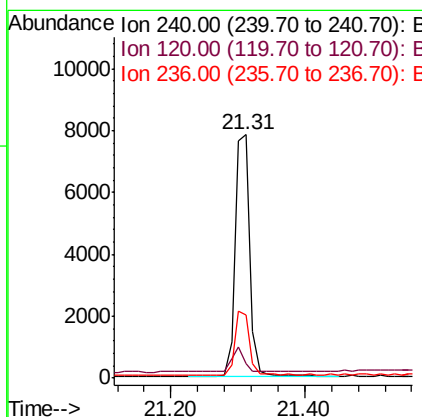
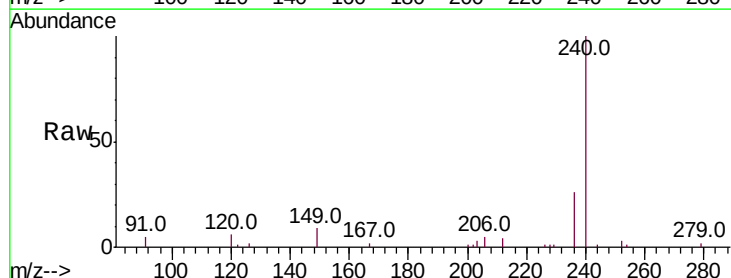
Instrument :
 BNA_N
 ClientSampleId :
 FT-PZ460I-20200901

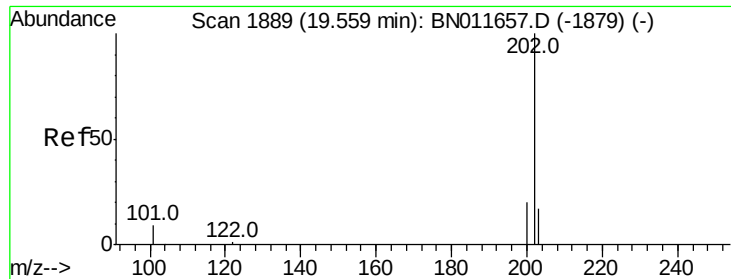
Tot Ion:212 Resp: 12357
 Ion Ratio Lower Upper
 212 100
 106 9.4 7.6 11.4
 104 5.7 4.6 6.8



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.31 min Scan# 2102
 Delta R.T. 0.00 min
 Lab File: BN011773.D
 Acq: 09 Sep 2020 18:21

Tgt Ion:240 Resp: 11756
 Ion Ratio Lower Upper
 240 100
 120 5.7 9.9 14.9#
 236 26.0 22.2 33.4





#30

Pvrene

Concen: 0.047 ng

RT: 19.54 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BN011773.D

Acq: 09 Sep 2020 18:21

Instrument :

BNA_N

ClientSampleId :

FT-PZ460I-20200901

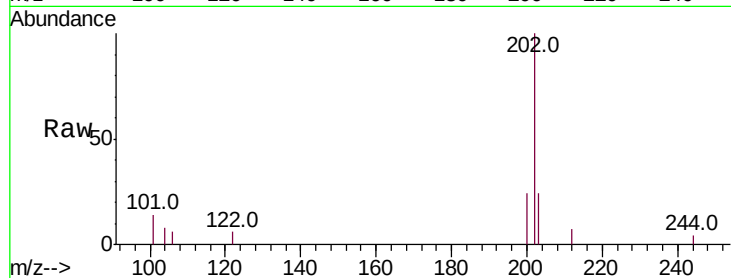
Tot Ion:202 Resp: 1923

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

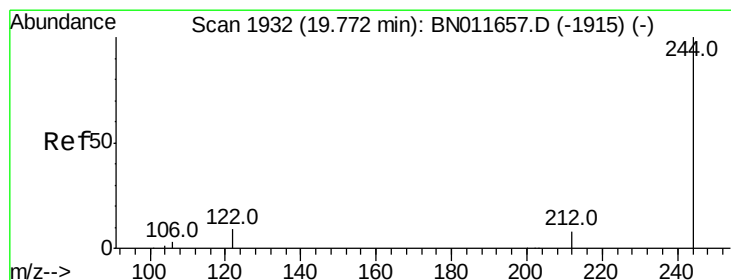
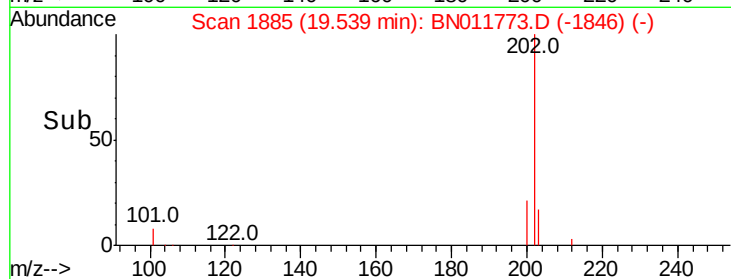
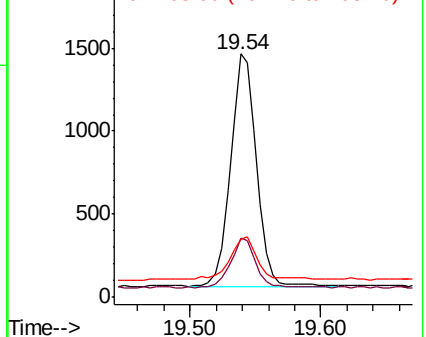
203 19.0 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

2000 Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#31

Terphenyl-d14

Concen: 0.396 ng

RT: 19.75 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BN011773.D

Acq: 09 Sep 2020 18:21

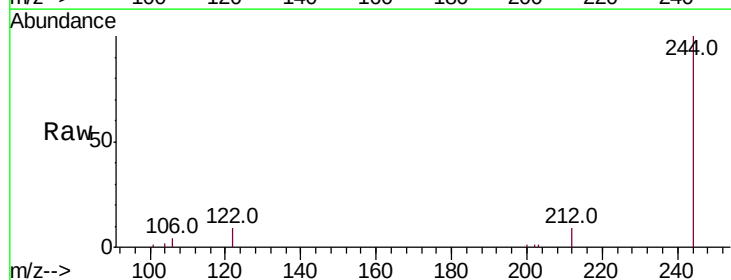
Tgt Ion:244 Resp: 11554

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

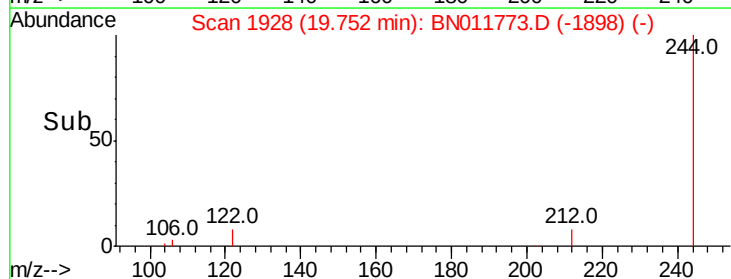
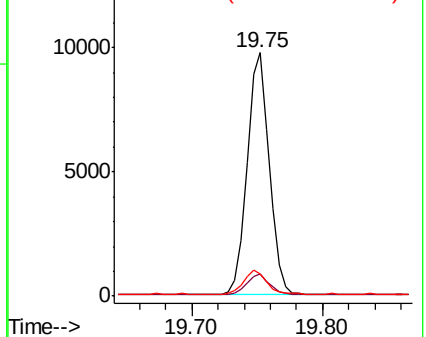
122 9.1 7.4 11.2

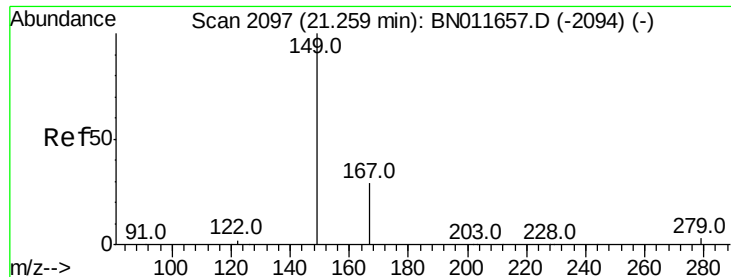


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

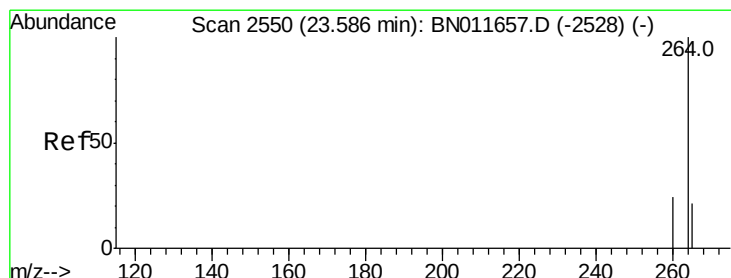
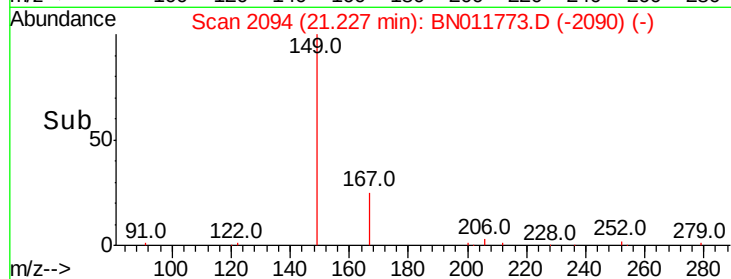
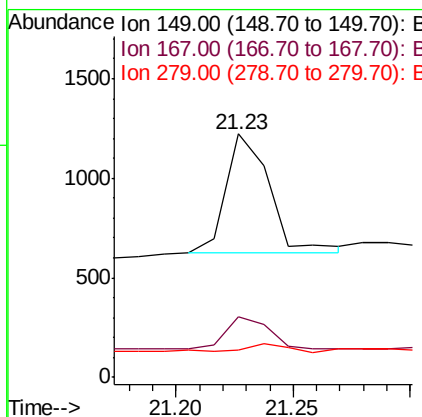
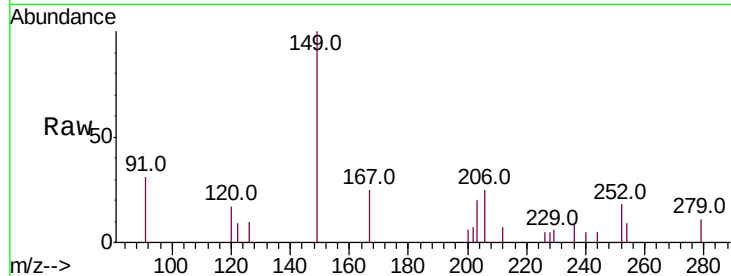




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.045 ng
 RT: 21.23 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BN011773.D
 Acq: 09 Sep 2020 18:21

Instrument :
 BNA_N
 ClientSampleId :
 FT-PZ460I-20200901

Tot Ion:149 Resp: 771
 Ion Ratio Lower Upper
 149 100
 167 26.8 23.2 34.8
 279 5.8 4.0 6.0



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.55 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BN011773.D
 Acq: 09 Sep 2020 18:21

Tgt Ion:264 Resp: 11398
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.8 29.6
 265 63.7 38.9 58.3#

