

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090920\
 Data File : BN011774.D
 Acq On : 09 Sep 2020 18:57
 Operator : CG/JU
 Sample : L3902-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FT-PZ461I-20200901

Quant Time: Sep 09 19:27:25 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

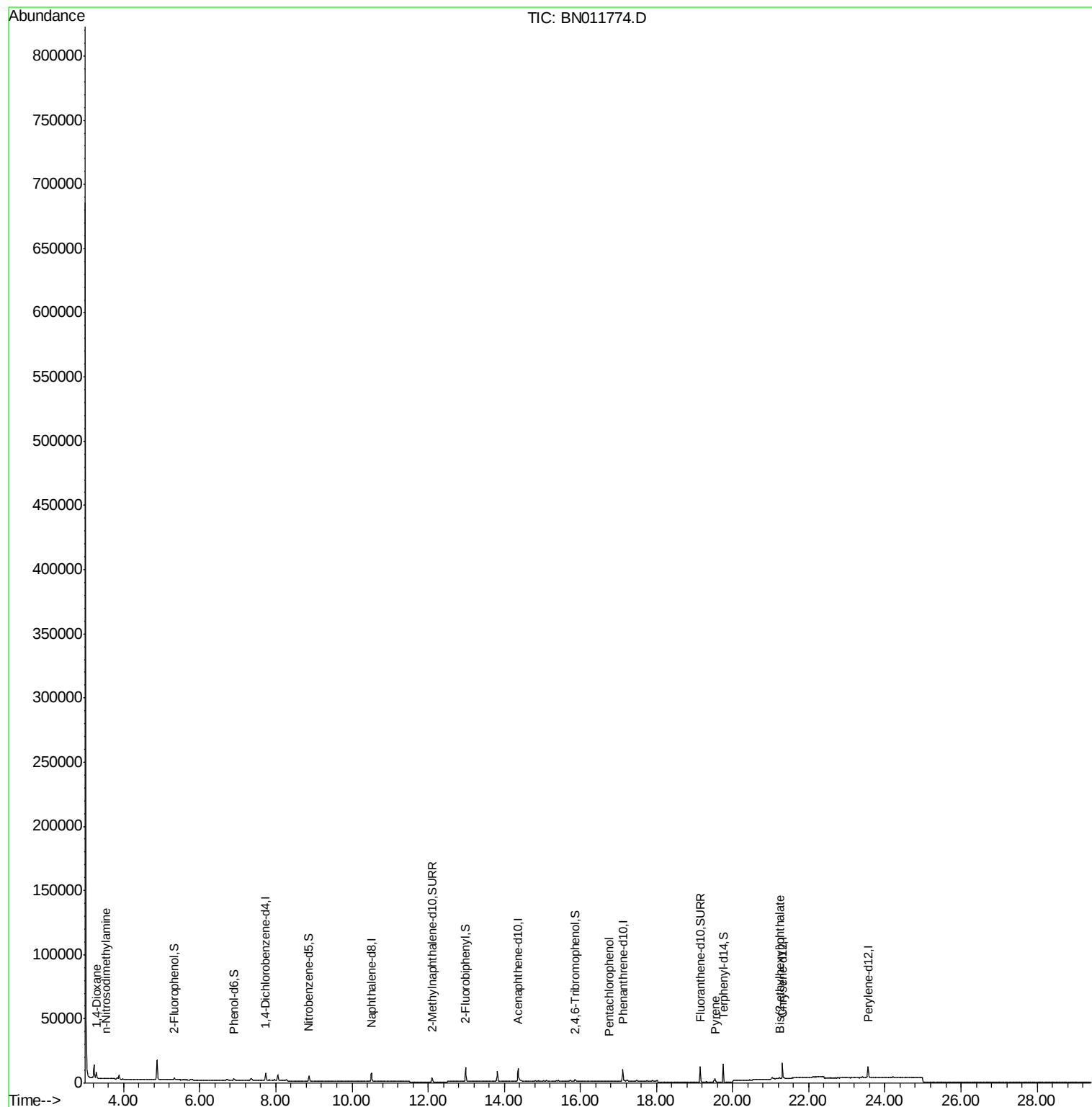
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2461	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	9350	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	6165	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	12701	0.40	ng	0.00
29) Chrysene-d12	21.31	240	12336	0.40	ng	0.00
36) Perylene-d12	23.56	264	12059	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	1104	0.16	ng	0.00
5) Phenol-d6	6.89	99	818	0.09	ng	0.00
8) Nitrobenzene-d5	8.87	82	3444	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.10	152	5532	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	995	0.33	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	8759	0.34	ng	0.00
27) Fluoranthene-d10	19.15	212	13541	0.33	ng	0.00
31) Terphenyl-d14	19.75	244	13824	0.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	2829	0.715	ng	# 93
3) n-Nitrosodimethylamine	3.54	42	130	0.028	ng	# 1
24) Pentachlorophenol	16.76	266	134	0.037	ng	92
30) Pyrene	19.54	202	2422	0.056	ng	97
34) Bis(2-ethylhexyl)phthalate	21.24	149	964	0.054	ng	# 98

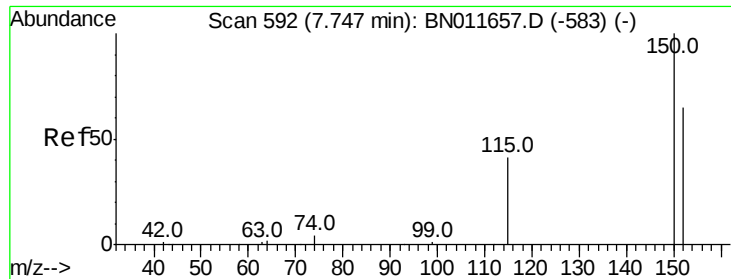
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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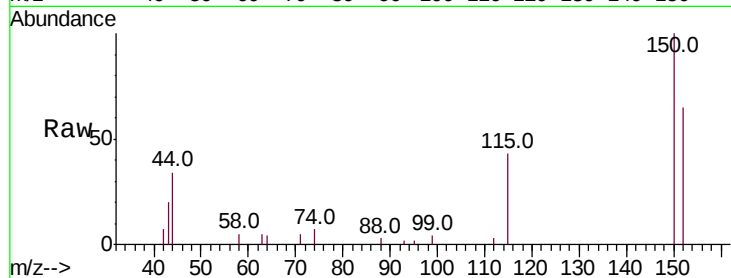


#1

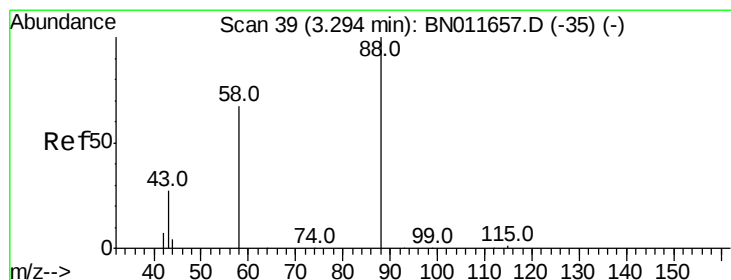
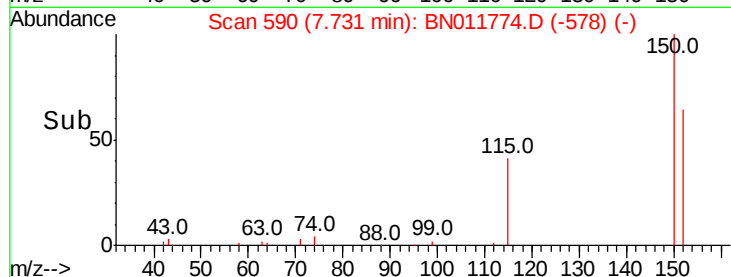
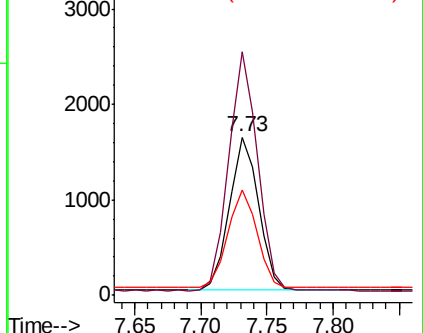
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.73 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BN011774.D
 Acq: 09 Sep 2020 18:57

Instrument :
 BNA_N
 ClientSampleId :
 FT-PZ461I-20200901

Tot Ion:152 Resp: 2461
 Ion Ratio Lower Upper
 152 100
 150 154.1 121.0 181.6
 115 66.8 52.6 78.8



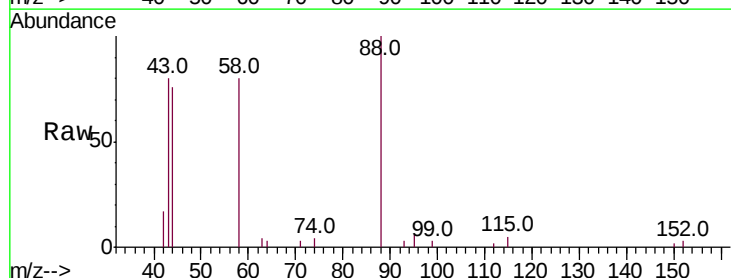
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



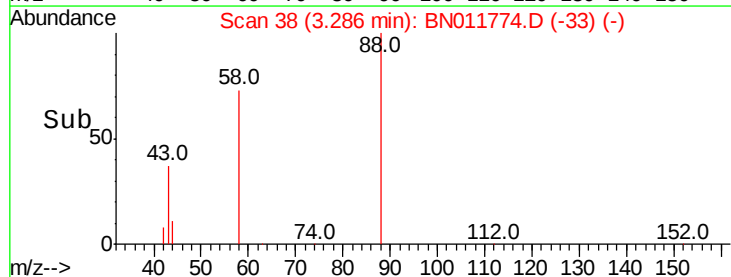
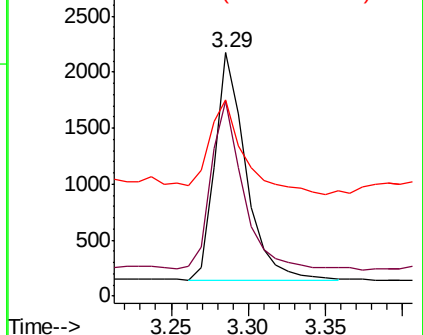
#2

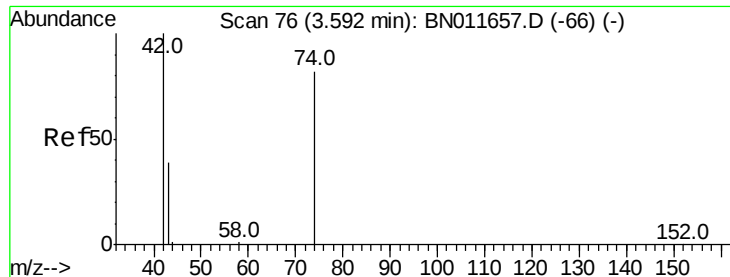
1,4-Dioxane
 Concen: 0.715 ng
 RT: 3.29 min Scan# 38
 Delta R.T. -0.01 min
 Lab File: BN011774.D
 Acq: 09 Sep 2020 18:57

Tgt Ion: 88 Resp: 2829
 Ion Ratio Lower Upper
 88 100
 58 74.3 61.4 92.0
 43 46.5 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





#3

n-Nitrosodimethylamine

Concen: 0.028 ng

RT: 3.54 min Scan# 69

Delta R.T. -0.06 min

Lab File: BN011774.D

Acq: 09 Sep 2020 18:57

Instrument :

BNA_N

ClientSampleId :

FT-PZ461I-20200901

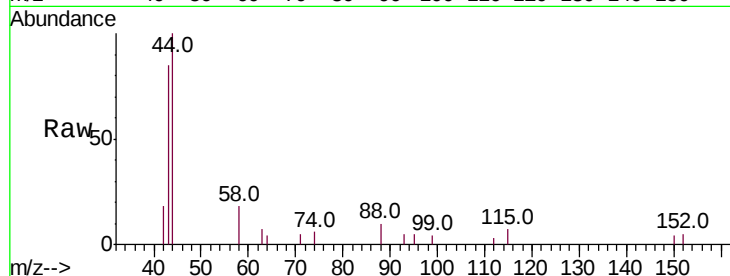
Tot Ion: 42 Resp: 130

Ion Ratio Lower Upper

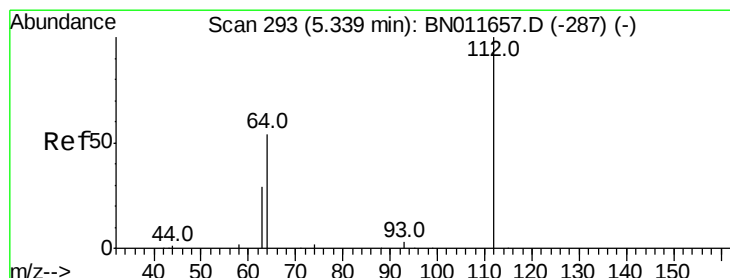
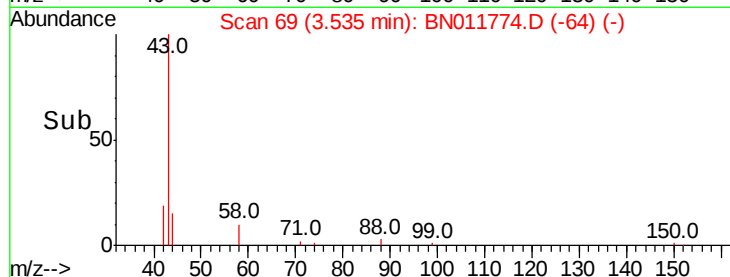
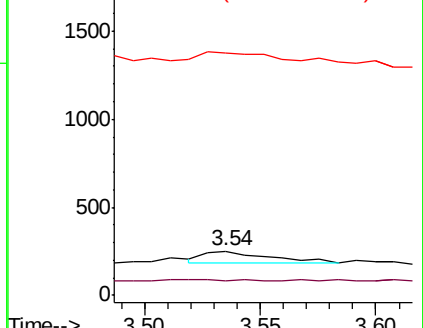
42 100

74 6.9 79.0 118.6#

44 318.5 8.1 12.1#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.159 ng

RT: 5.33 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011774.D

Acq: 09 Sep 2020 18:57

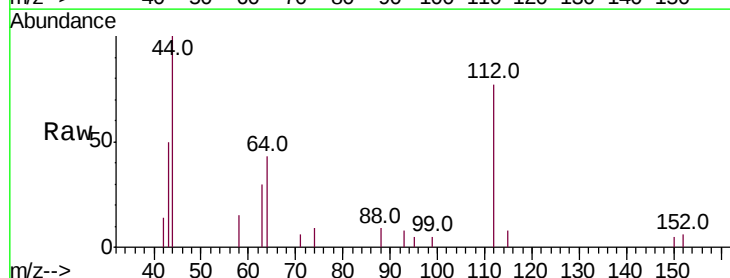
Tgt Ion: 112 Resp: 1104

Ion Ratio Lower Upper

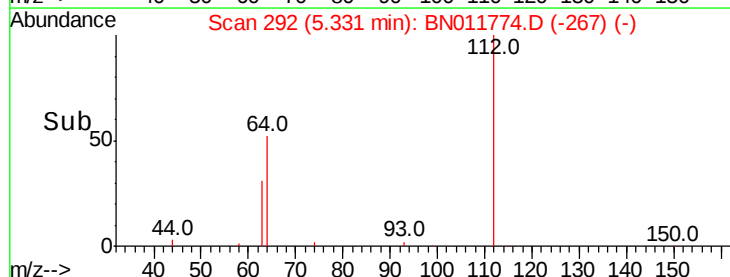
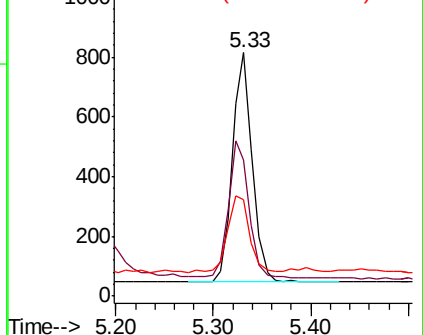
112 100

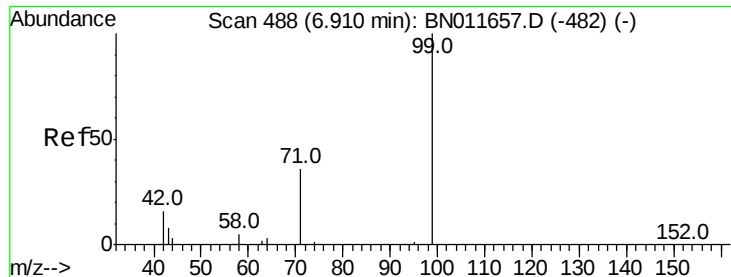
64 63.9 49.7 74.5

63 37.0 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: 0.087 ng

RT: 6.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN011774.D

Acq: 09 Sep 2020 18:57

Instrument :

BNA_N

ClientSampleId :

FT-PZ461I-20200901

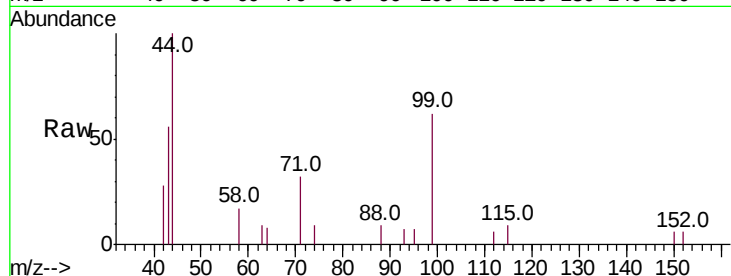
Tot Ion: 99 Resp: 818

Ion Ratio Lower Upper

99 100

42 26.8 20.2 30.2

71 49.5 33.3 49.9



Abundance Ion 99.00 (98.70 to 99.70): BN011657.D (-482) (-)

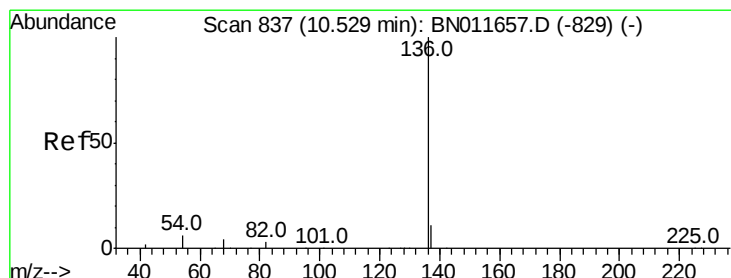
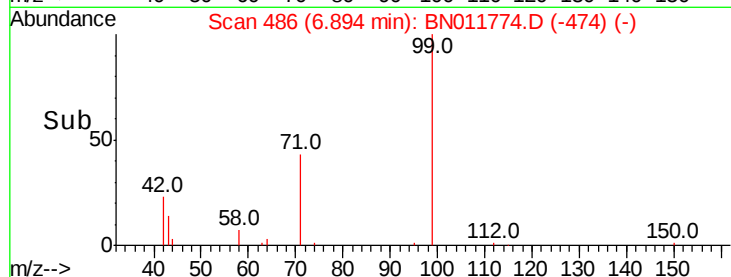
Ion 42.00 (41.70 to 42.70): BN011657.D (-482) (-)

Ion 71.00 (70.70 to 71.70): BN011657.D (-482) (-)

Time-->

6.89

6.85 6.90 6.95



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011774.D

Acq: 09 Sep 2020 18:57

Tgt Ion: 136 Resp: 9350

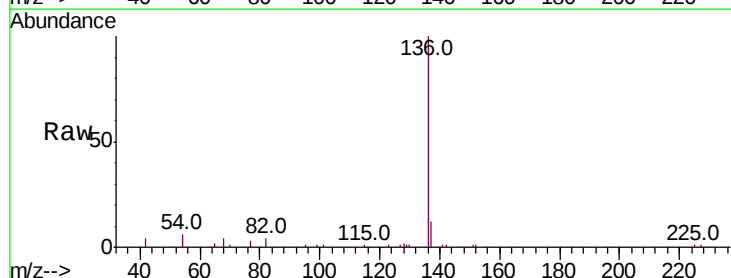
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 6.0 5.8 8.8

68 4.1 4.1 6.1#



Abundance Ion 136.00 (135.70 to 136.70): BN011657.D (-829) (-)

Ion 137.00 (136.70 to 137.70): BN011657.D (-829) (-)

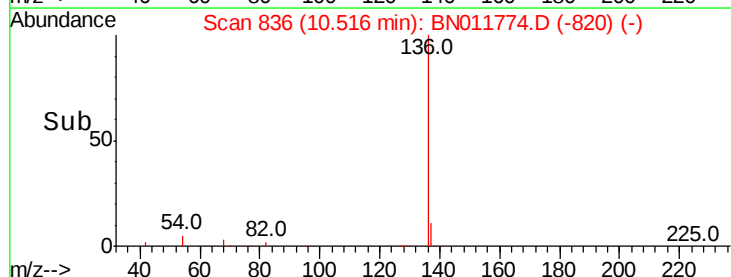
Ion 54.00 (53.70 to 54.70): BN011657.D (-829) (-)

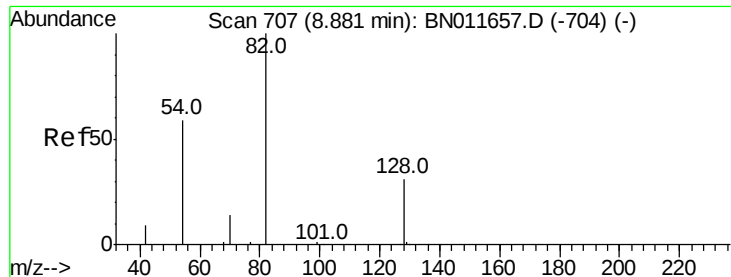
Ion 68.00 (67.70 to 68.70): BN011657.D (-829) (-)

Time-->

10.52

10.40 10.60





#8

Nitrobenzene-d5

Concen: 0.380 ng

RT: 8.87 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN011774.D

Acq: 09 Sep 2020 18:57

Instrument :

BNA_N

ClientSampleId :

FT-PZ461I-20200901

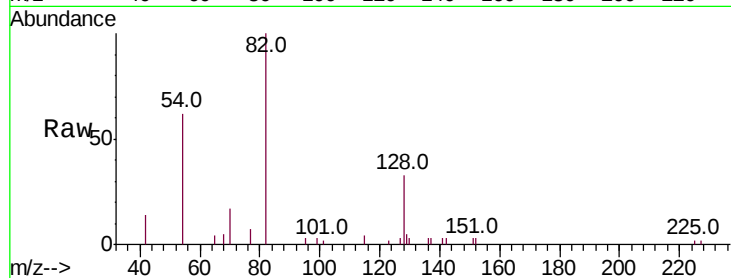
Tot Ion: 82 Resp: 3444

Ion Ratio Lower Upper

82 100

128 33.0 26.2 39.2

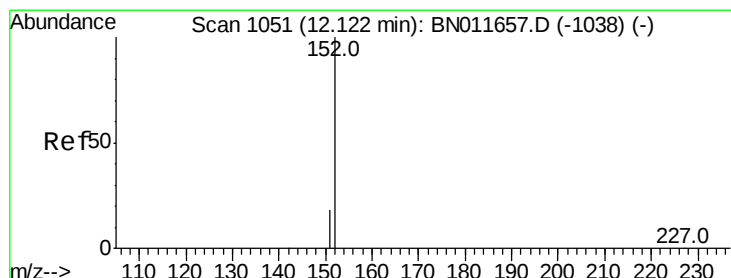
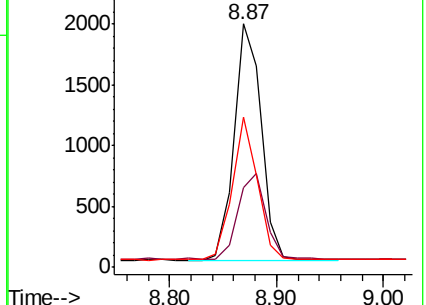
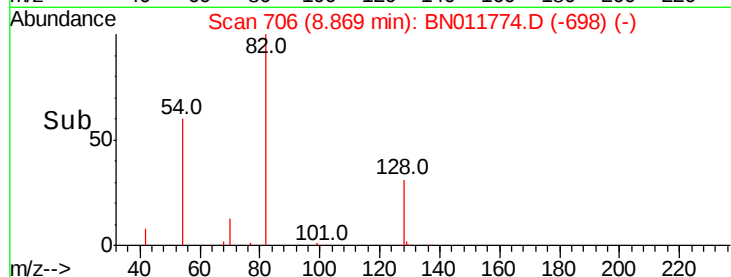
54 61.8 48.2 72.4



Abundance Ion 82.00 (81.70 to 82.70): BN011774.D (-698) (-)

Ion 128.00 (127.70 to 128.70): BN011774.D (-698) (-)

Ion 54.00 (53.70 to 54.70): BN011774.D (-698) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.328 ng

RT: 12.10 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BN011774.D

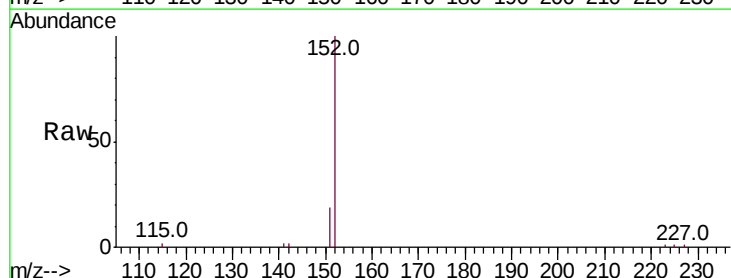
Acq: 09 Sep 2020 18:57

Tgt Ion: 152 Resp: 5532

Ion Ratio Lower Upper

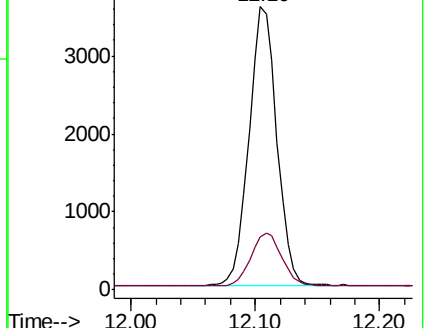
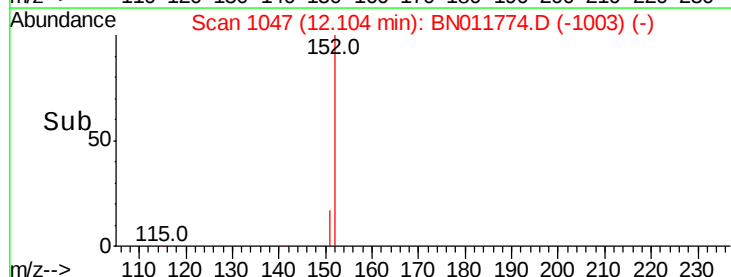
152 100

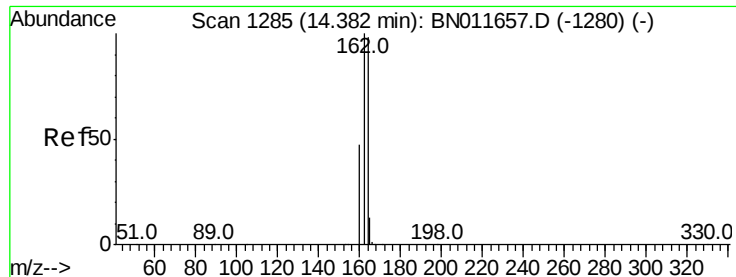
151 21.2 16.7 25.1



Abundance Ion 152.00 (151.70 to 152.70): BN011774.D (-1003) (-)

Ion 151.00 (150.70 to 151.70): BN011774.D (-1003) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BN011774.D

Acq: 09 Sep 2020 18:57

Instrument :

BNA_N

ClientSampleId :

FT-PZ461I-20200901

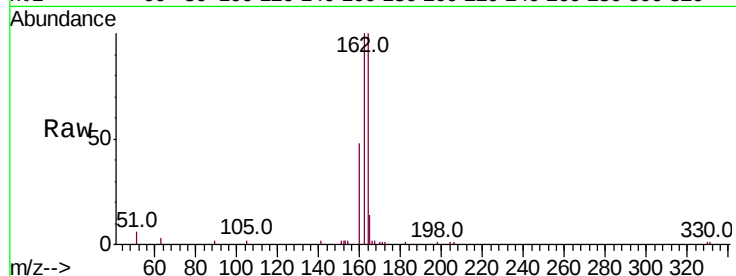
Tot Ion:164 Resp: 6165

Ion Ratio Lower Upper

164 100

162 99.6 81.4 122.0

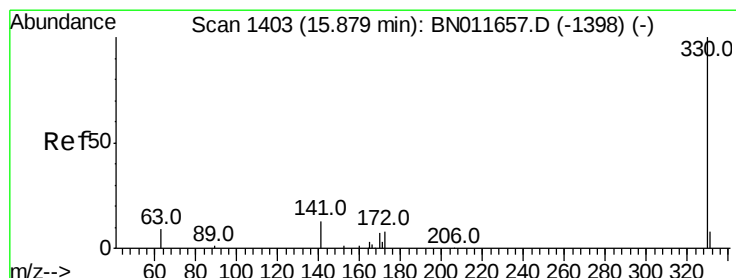
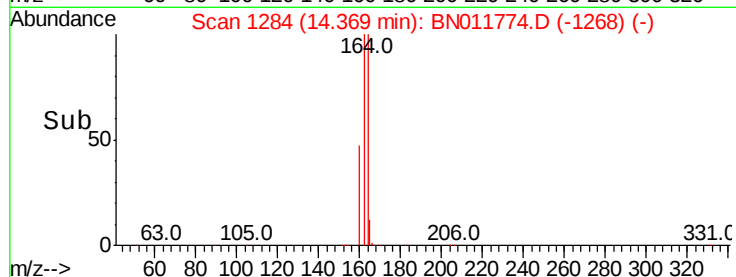
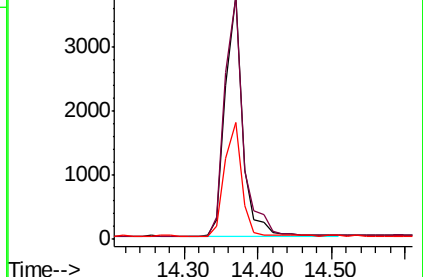
160 47.8 38.5 57.7



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: 0.332 ng

RT: 15.85 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BN011774.D

Acq: 09 Sep 2020 18:57

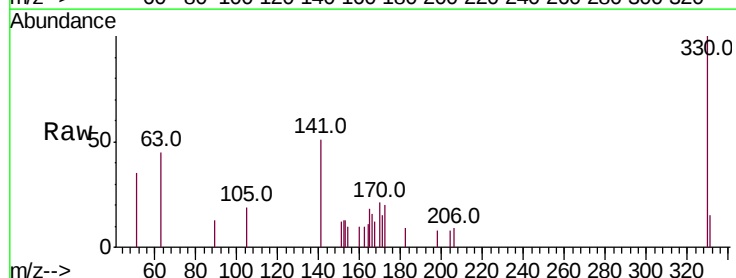
Tgt Ion:330 Resp: 995

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

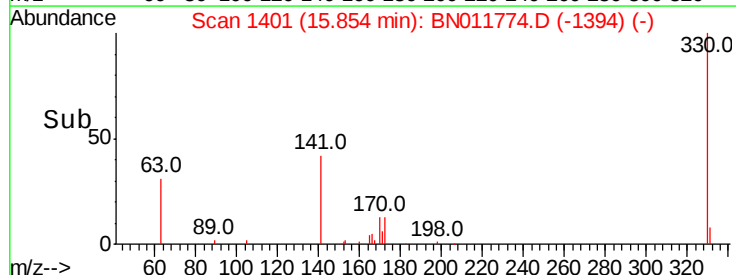
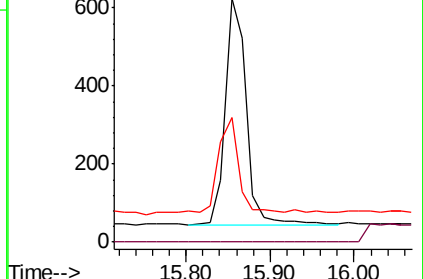
141 38.8 29.8 44.8

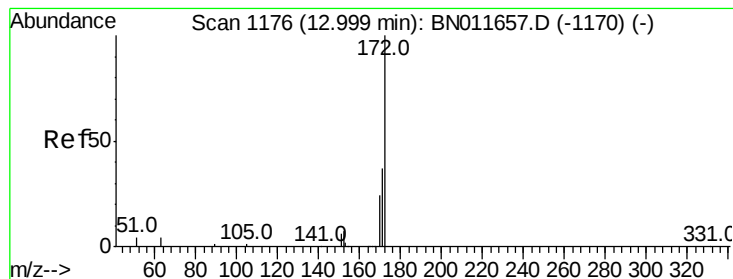


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.336 ng

RT: 12.99 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BN011774.D

Acq: 09 Sep 2020 18:57

Instrument :

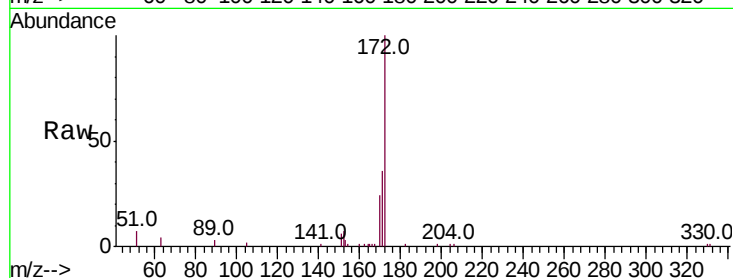
BNA_N

ClientSampleId :

FT-PZ4611-20200901

Tot Ion:172 Resp: 8759

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.0	45.0
170	24.0	20.1	30.1

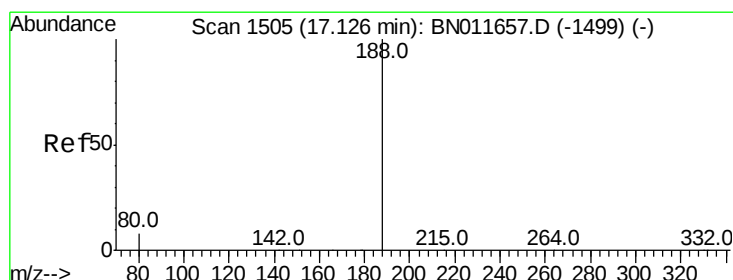
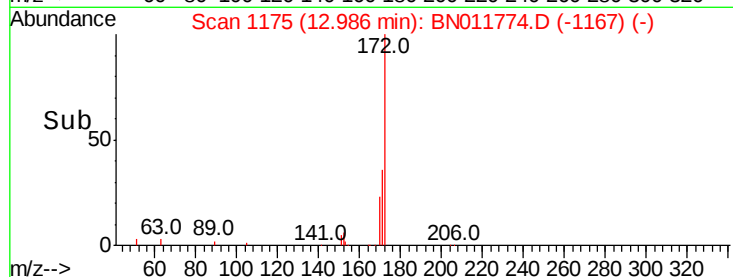
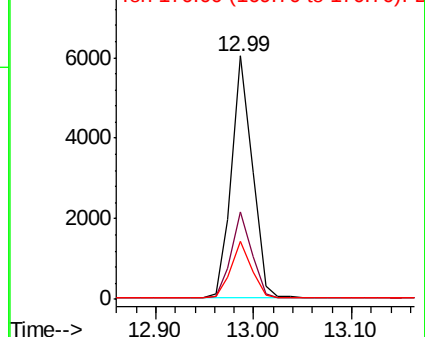


Abundance

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: 17.11 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BN011774.D

Acq: 09 Sep 2020 18:57

Tgt Ion:188 Resp: 12701

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	6.6	9.8#

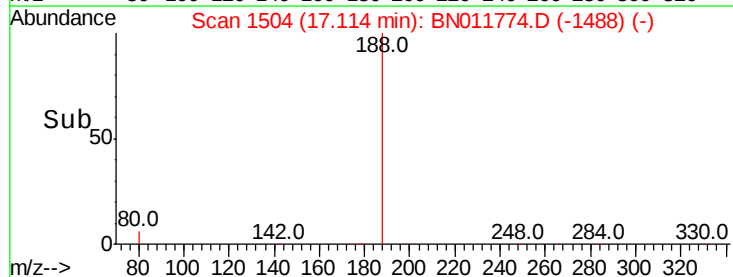
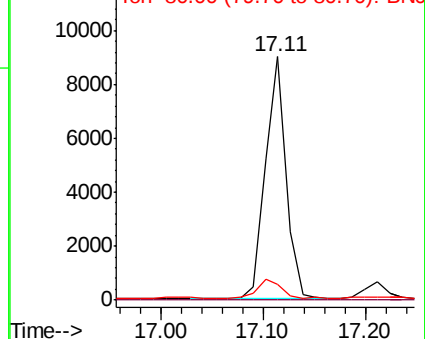


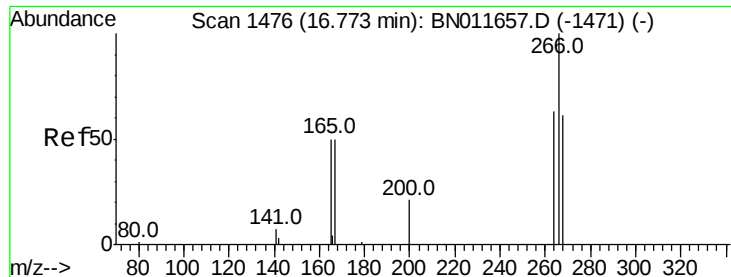
Abundance

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: 0.037 ng

RT: 16.76 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BN011774.D

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Instrument :

BNA_N

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FT-PZ461I-20200901

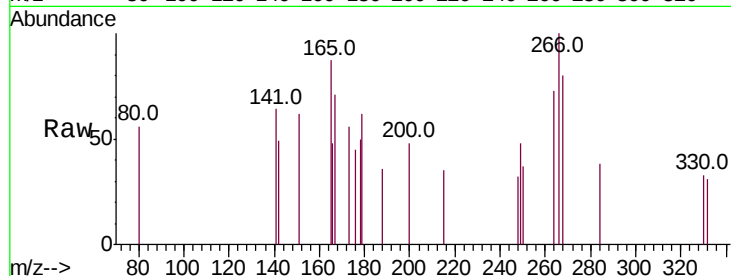
Tot Ion:266 Resp: 134

Ion Ratio Lower Upper

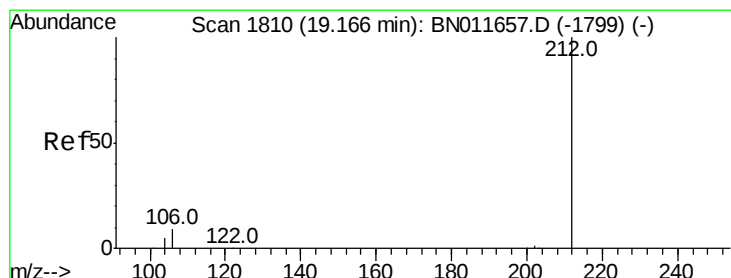
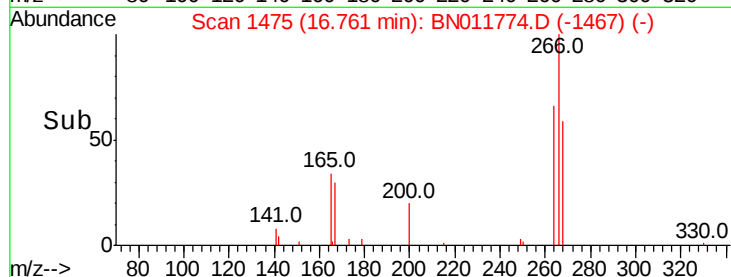
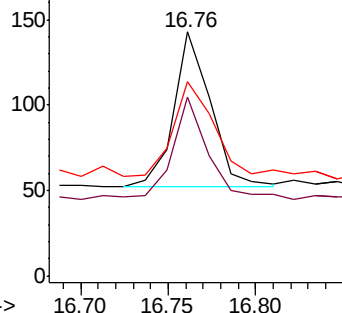
266 100

264 64.2 49.5 74.3

268 76.1 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: 0.332 ng

RT: 19.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BN011774.D

Acq: 09 Sep 2020 18:57

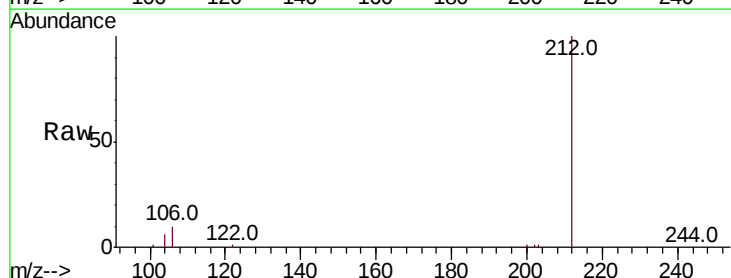
Tgt Ion:212 Resp: 13541

Ion Ratio Lower Upper

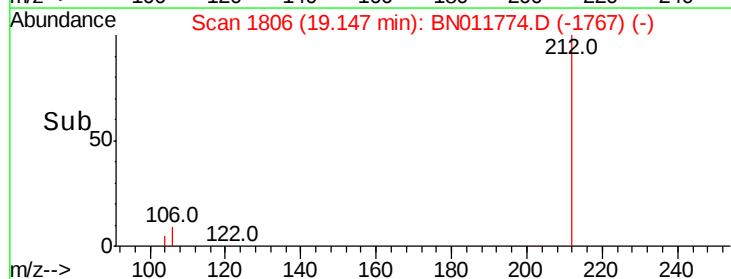
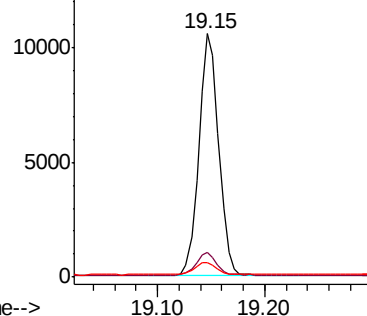
212 100

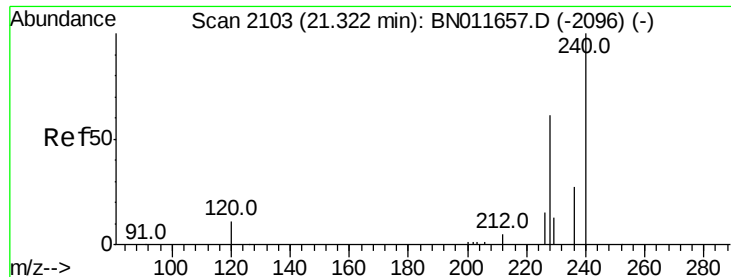
106 9.5 7.6 11.4

104 5.5 4.6 6.8



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: BN011774.D

Acq: 09 Sep 2020 18:57

Instrument :

BNA_N

ClientSampleId :

FT-PZ461I-20200901

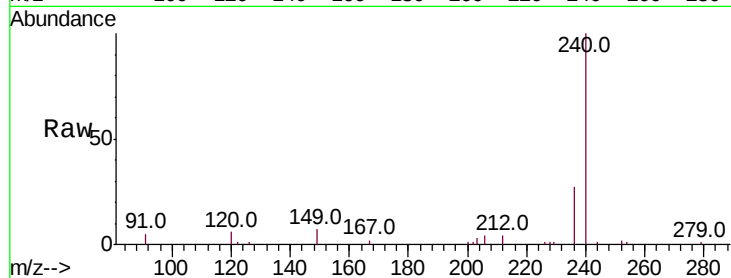
Tot Ion:240 Resp: 12336

Ion Ratio Lower Upper

240 100

120 6.4 9.9 14.9#

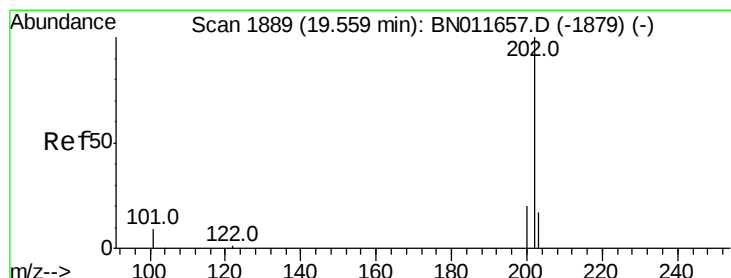
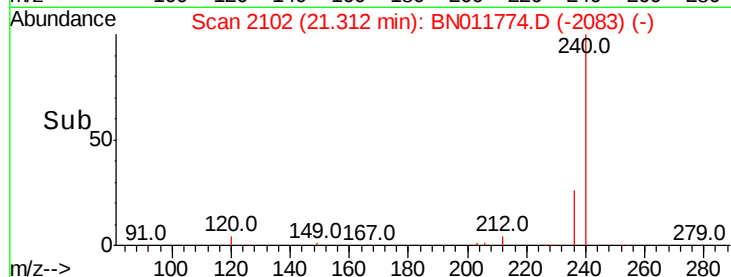
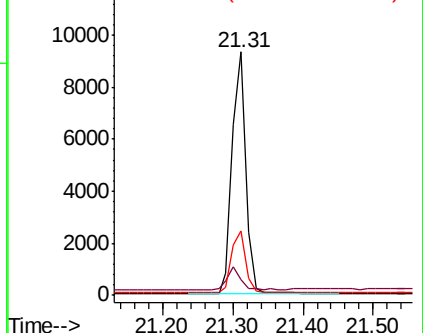
236 26.6 22.2 33.4



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



#30

Pyrene

Concen: 0.056 ng

RT: 19.54 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BN011774.D

Acq: 09 Sep 2020 18:57

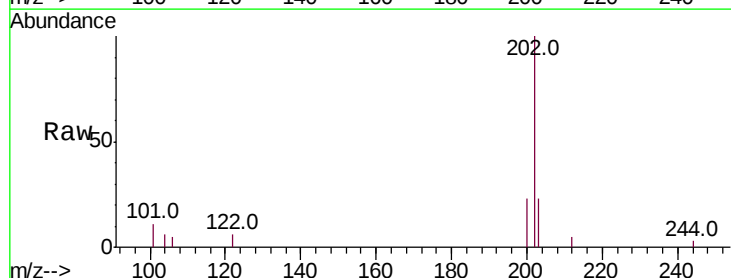
Tgt Ion:202 Resp: 2422

Ion Ratio Lower Upper

202 100

200 20.9 16.3 24.5

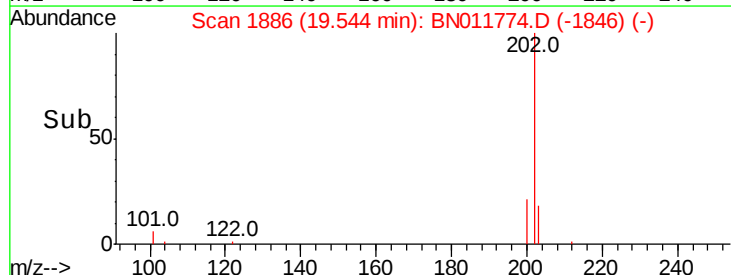
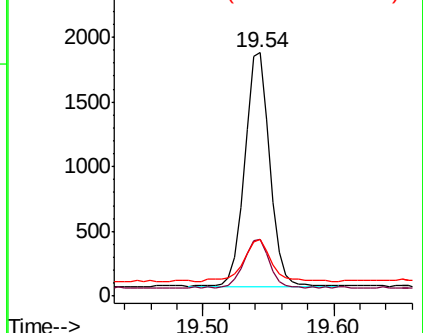
203 19.7 14.1 21.1

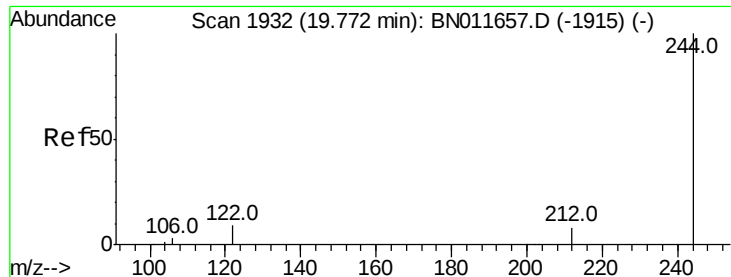


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.452 ng

RT: 19.75 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BN011774.D

Acq: 09 Sep 2020 18:57

Instrument :

BNA_N

ClientSampleId :

FT-PZ461I-20200901

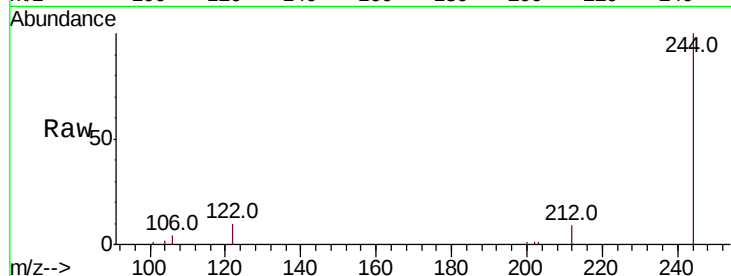
Tot Ion:244 Resp: 13824

Ion Ratio Lower Upper

244 100

212 9.0 6.5 9.7

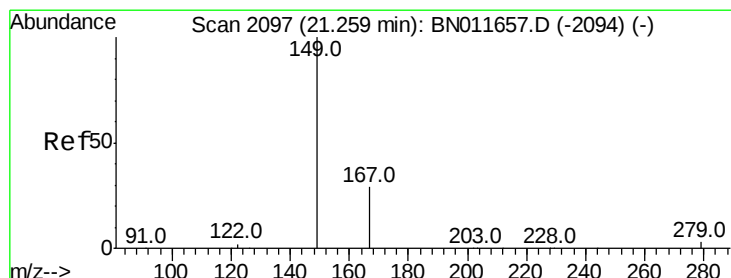
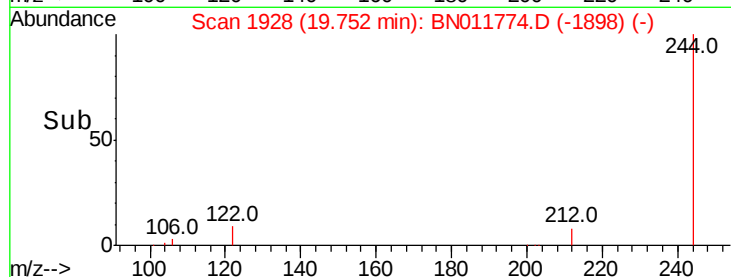
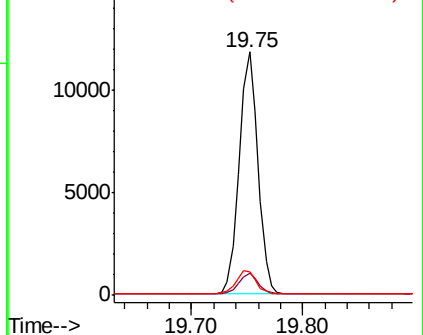
122 9.6 7.4 11.2



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: 0.054 ng

RT: 21.24 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BN011774.D

Acq: 09 Sep 2020 18:57

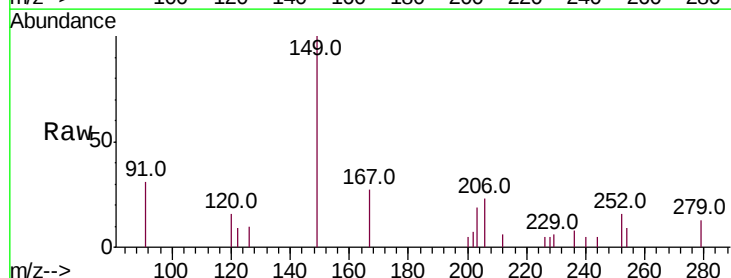
Tgt Ion:149 Resp: 964

Ion Ratio Lower Upper

149 100

167 28.1 23.2 34.8

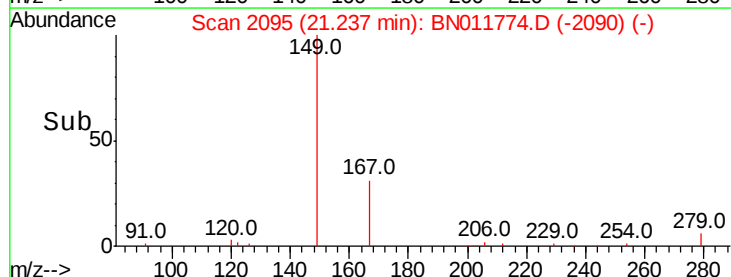
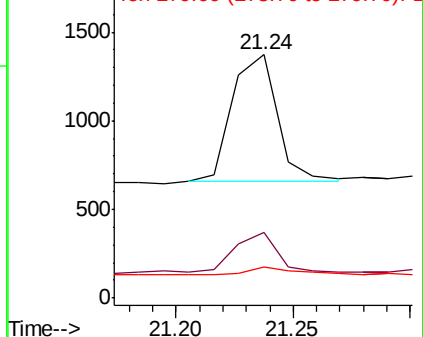
279 7.1 4.0 6.0#

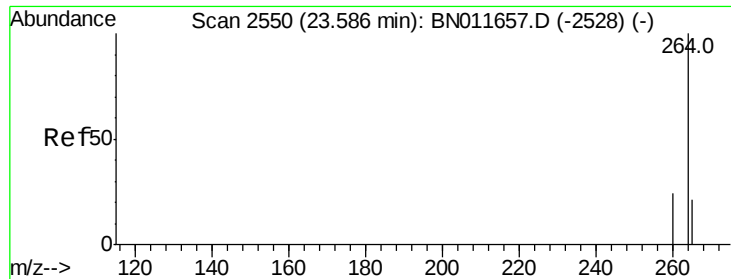


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#36
 Pervlone-d12
 Concen: 0.400 ng
 RT: 23.56 min Scan# 2541
 Delta R.T. -0.00 min
 Lab File: BN011774.D
 Acq: 09 Sep 2020 18:57

Instrument :
 BNA_N
 ClientSampleId :
 FT-PZ461I-20200901

Tot Ion: 264 Resp: 12059
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.8 29.6
 265 61.6 38.9 58.3#

