

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
 Data File : BN007767.D
 Acq On : 20 Sep 2019 16:56
 Operator : HP/JU
 Sample : K4975-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20190917

Quant Time: Sep 21 04:16:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

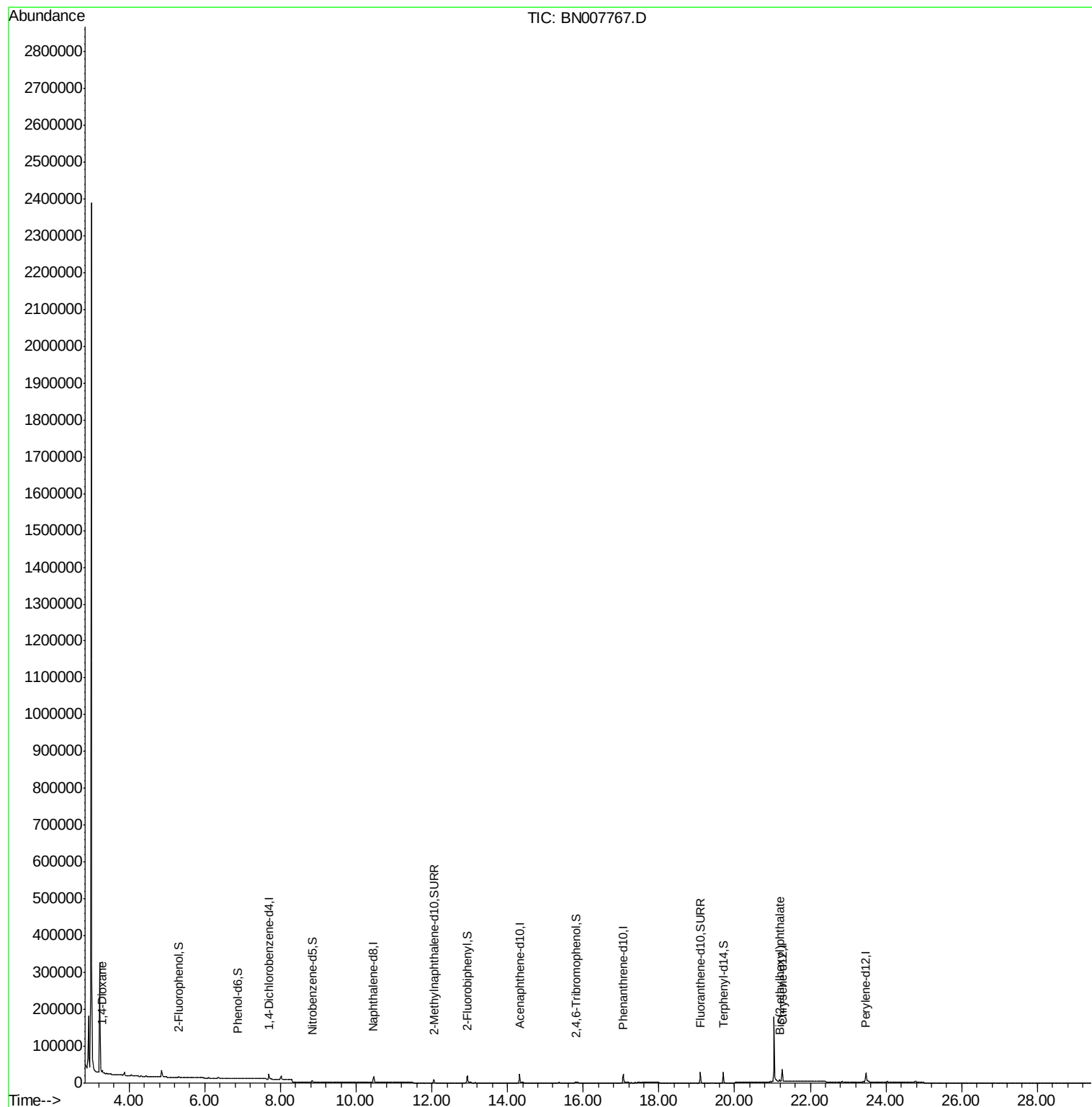
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	6490	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	24956	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	14683	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	31615	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	34533	0.40	ng	-0.01
34) Perylene-d12	23.47	264	34868	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	2128	0.10	ng	0.00
5) Phenol-d6	6.87	99	1576	0.05	ng	0.00
8) Nitrobenzene-d5	8.83	82	5957	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	13817	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1541	0.19	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	20061	0.33	ng	0.00
25) Fluoranthene-d10	19.09	212	35075	0.33	ng	-0.02
29) Terphenyl-d14	19.70	244	29552	0.35	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.29	88	5974	0.826	ng	# 88
32) Bis(2-ethylhexyl)phthalate	21.19	149	7968	0.122	ng	# 80

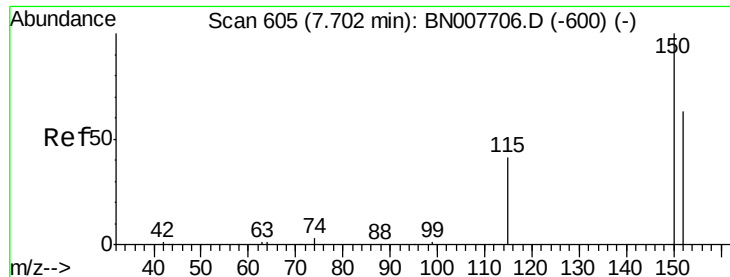
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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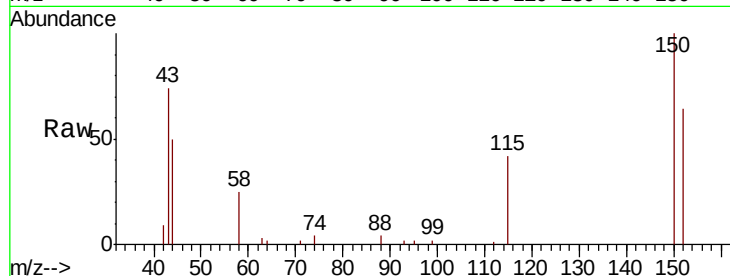


#1

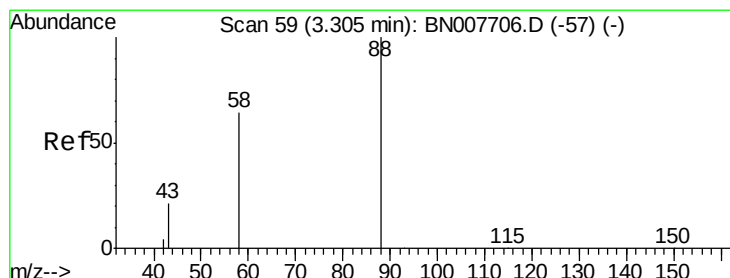
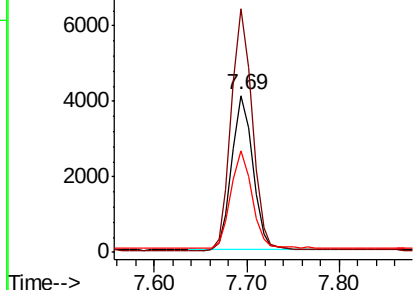
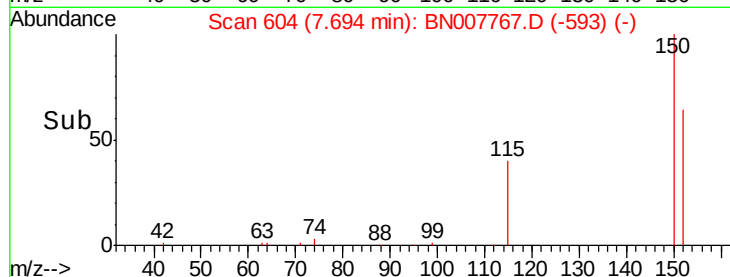
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007767.D
Acq: 20 Sep 2019 16:56

Instrument :
BNA_N
ClientSampleId :
RE120D3-20190917

Tot Ion:152 Resp: 6490
Ion Ratio Lower Upper
152 100
150 155.4 125.6 188.4
115 64.6 53.3 79.9



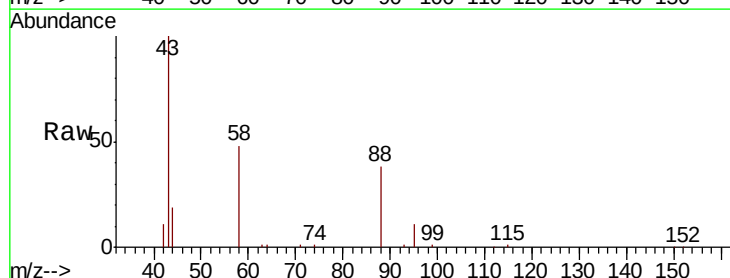
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



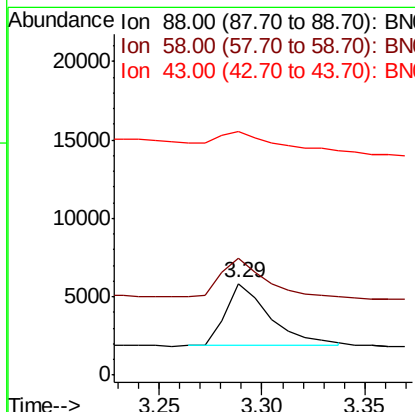
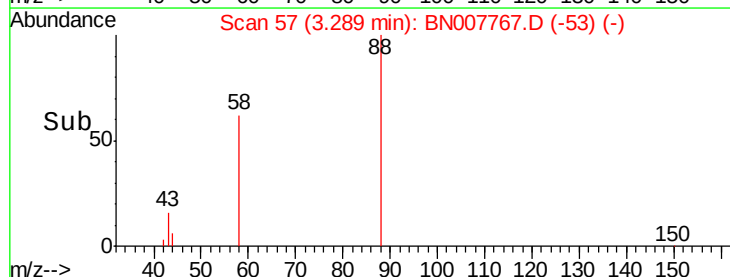
#2

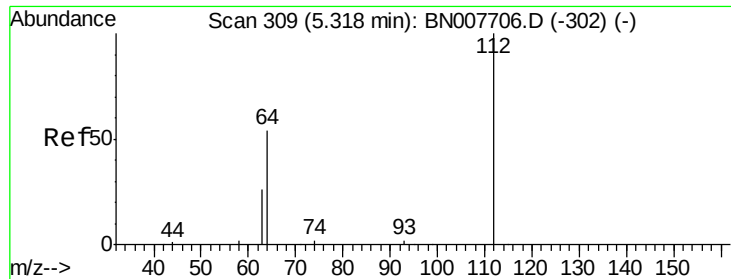
1,4-Dioxane
Concen: 0.826 ng
RT: 3.29 min Scan# 57
Delta R.T. -0.02 min
Lab File: BN007767.D
Acq: 20 Sep 2019 16:56

Tgt Ion: 88 Resp: 5974
Ion Ratio Lower Upper
88 100
58 58.9 44.6 66.8
43 33.6 14.4 21.6#



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: 0.095 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007767.D

Acq: 20 Sep 2019 16:56

Instrument :

BNA_N

ClientSampleId :

RE120D3-20190917

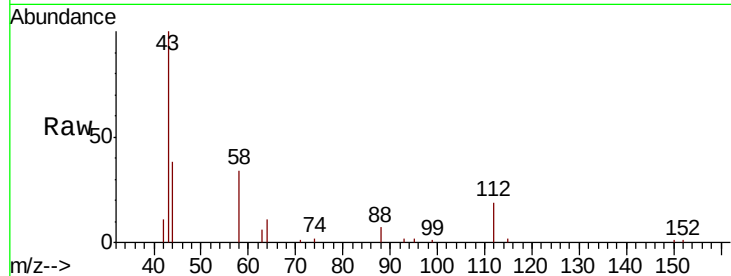
Tot Ion: 112 Resp: 2128

Ion Ratio Lower Upper

112 100

64 58.8 46.6 70.0

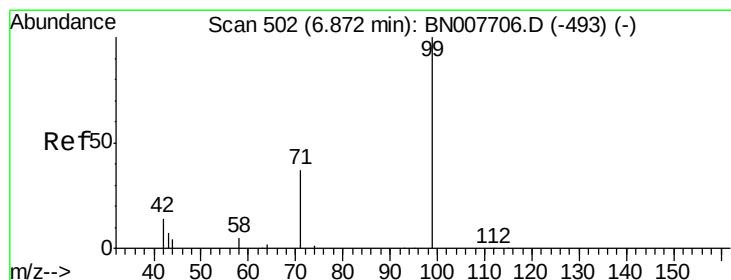
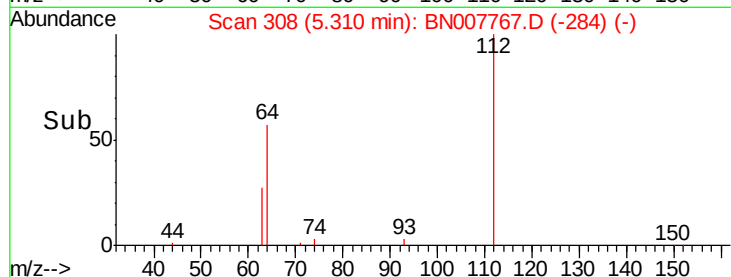
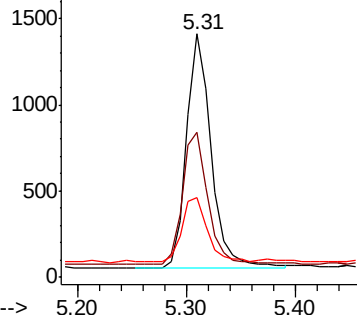
63 28.8 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.051 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007767.D

Acq: 20 Sep 2019 16:56

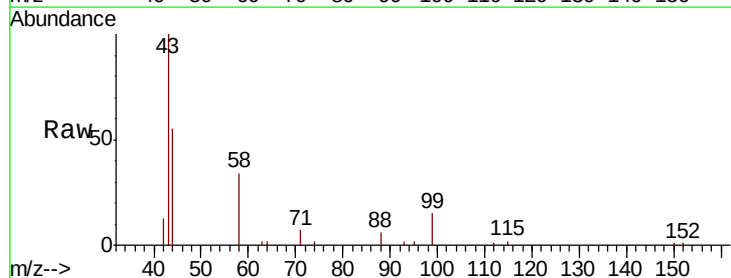
Tgt Ion: 99 Resp: 1576

Ion Ratio Lower Upper

99 100

42 19.9 12.8 19.2#

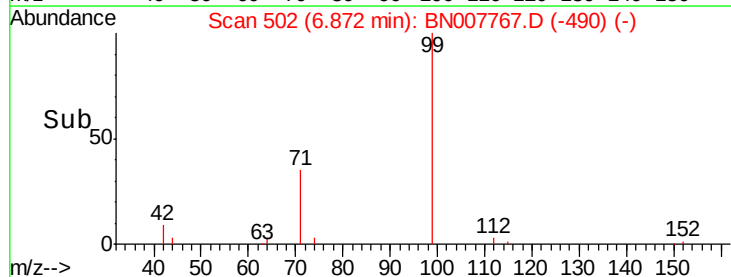
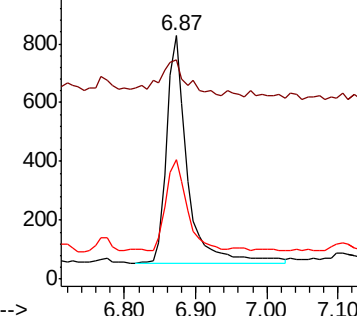
71 41.1 27.6 41.4

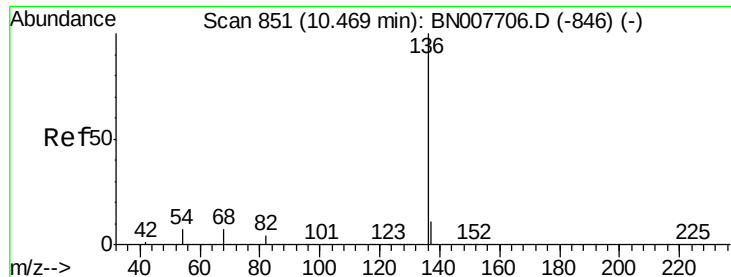


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007767.D

Acq: 20 Sep 2019 16:56

Instrument :

BNA_N

ClientSampleId :

RE120D3-20190917

Tot Ion:136 Resp: 24956

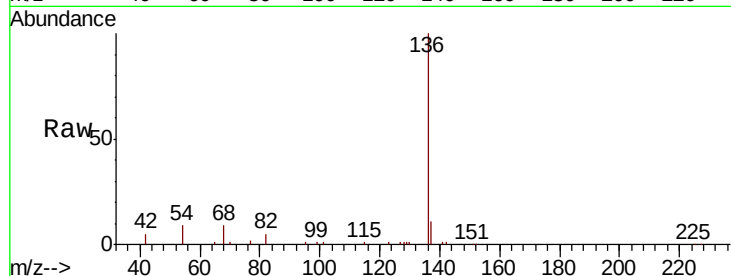
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 8.9 5.8 8.8#

68 9.1 6.5 9.7

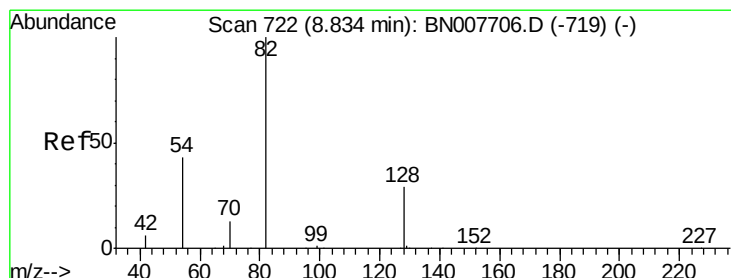
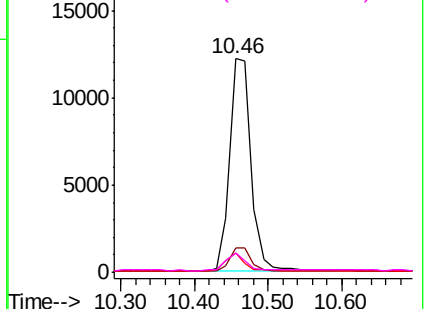
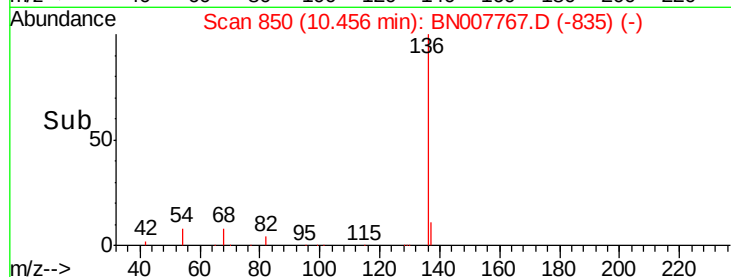


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.273 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007767.D

Acq: 20 Sep 2019 16:56

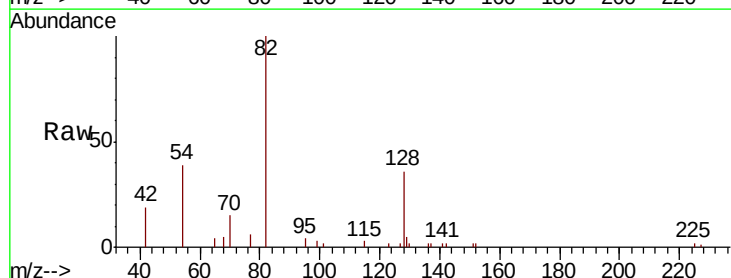
Tgt Ion: 82 Resp: 5957

Ion Ratio Lower Upper

82 100

128 36.1 24.5 36.7

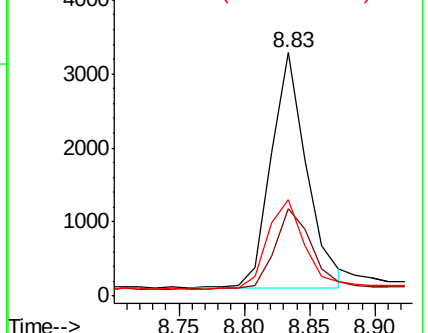
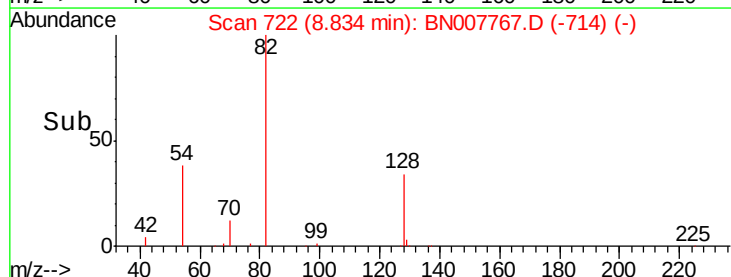
54 39.4 35.2 52.8

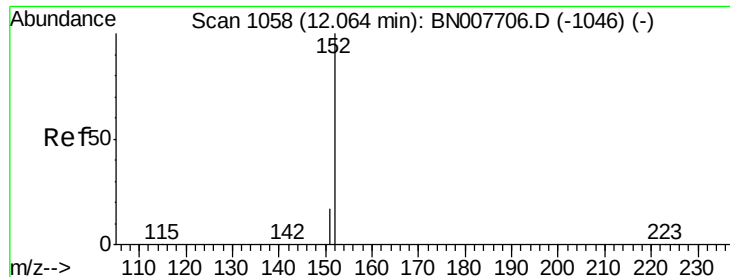


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

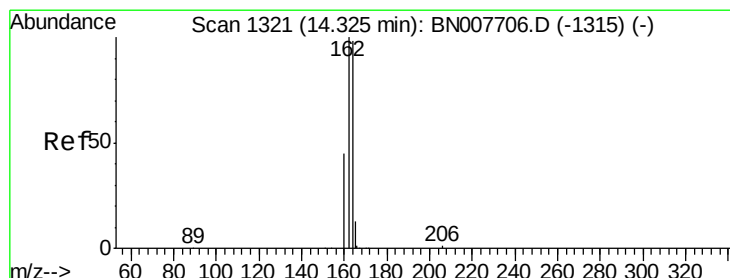
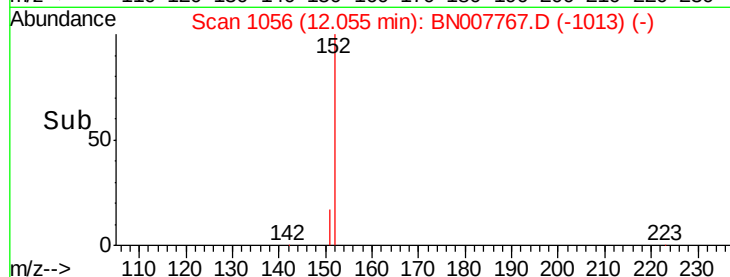
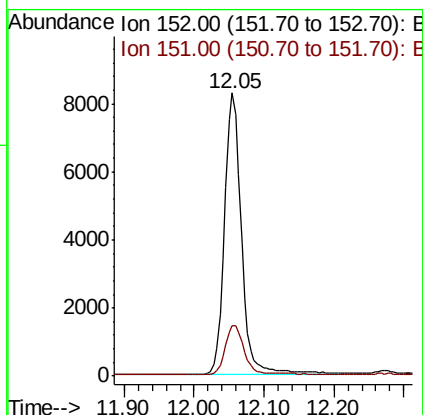
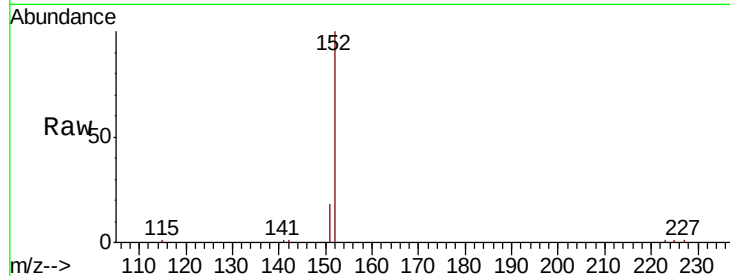




#11
 2-Methylnaphthalene-d10
 Concen: 0.329 ng
 RT: 12.05 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BN007767.D
 Acq: 20 Sep 2019 16:56

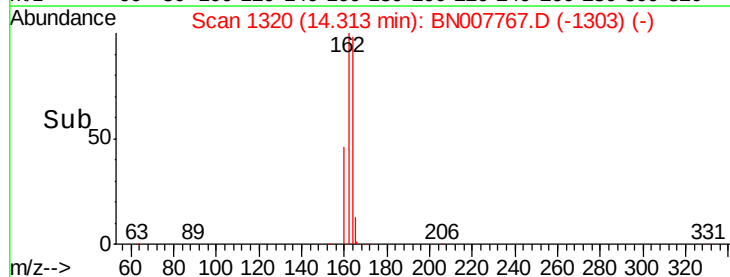
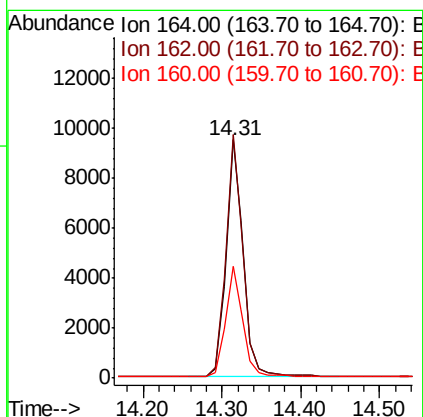
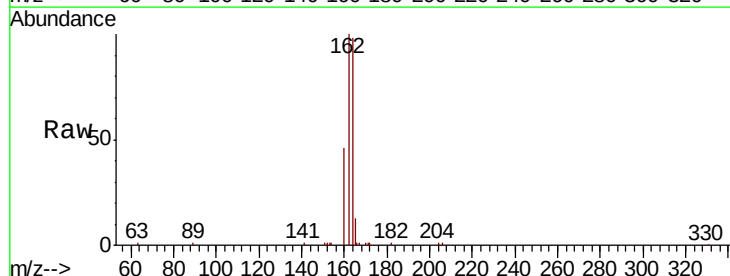
Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20190917

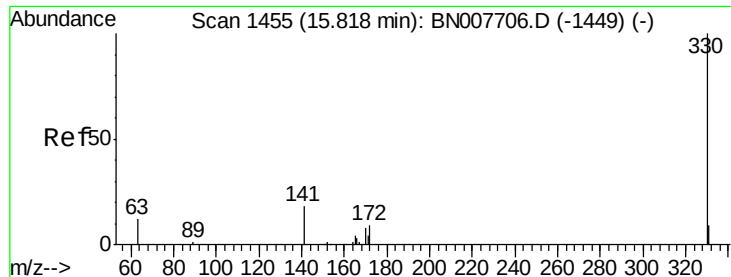
Tot Ion:152 Resp: 13817
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.2



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.31 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BN007767.D
 Acq: 20 Sep 2019 16:56

Tgt Ion:164 Resp: 14683
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.7 122.5
 160 47.2 37.0 55.4





#14

2,4,6-Tribromophenol

Concen: 0.193 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007767.D

Acq: 20 Sep 2019 16:56

Instrument :

BNA_N

ClientSampleId :

RE120D3-20190917

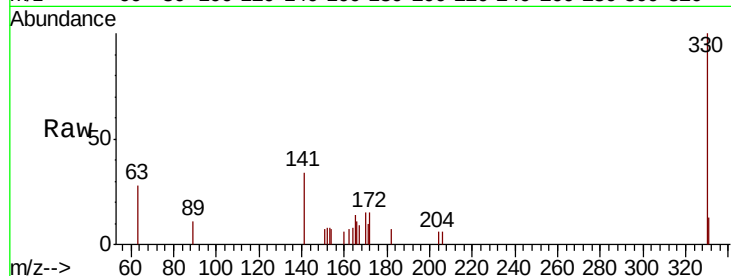
Tot Ion:330 Resp: 1541

Ion Ratio Lower Upper

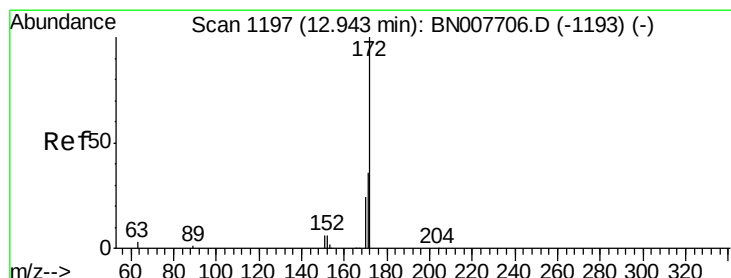
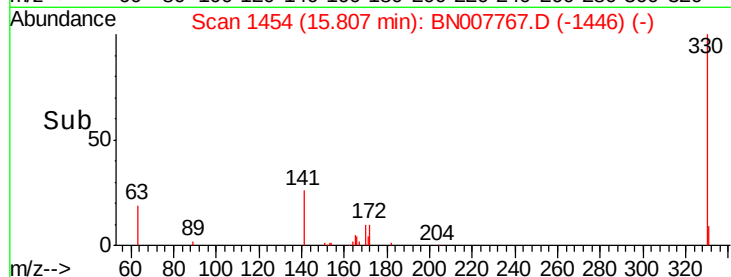
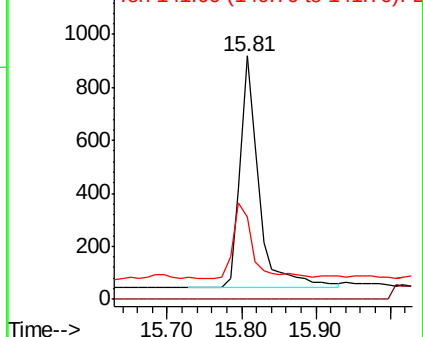
330 100

332 0.0 0.0 0.0

141 34.1 28.7 43.1



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: 0.332 ng

RT: 12.94 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BN007767.D

Acq: 20 Sep 2019 16:56

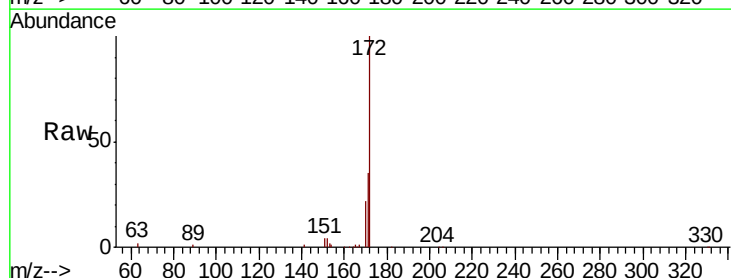
Tgt Ion:172 Resp: 20061

Ion Ratio Lower Upper

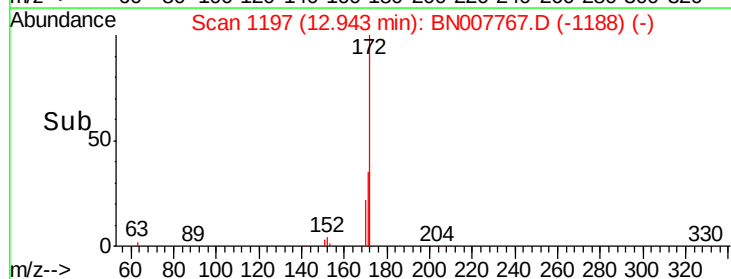
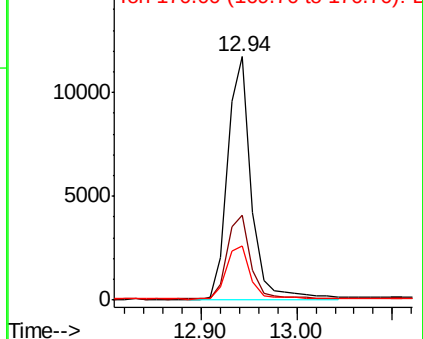
172 100

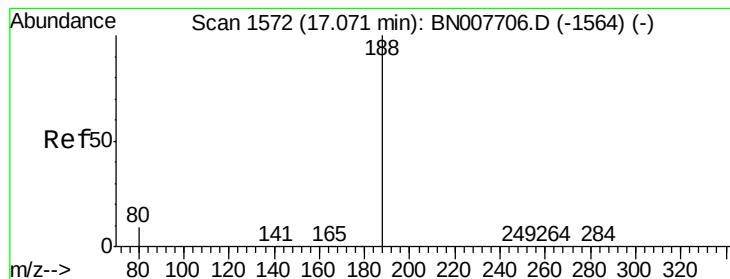
171 34.8 28.8 43.2

170 22.2 19.5 29.3



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: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007767.D

Acq: 20 Sep 2019 16:56

Instrument :

BNA_N

ClientSampleId :

RE120D3-20190917

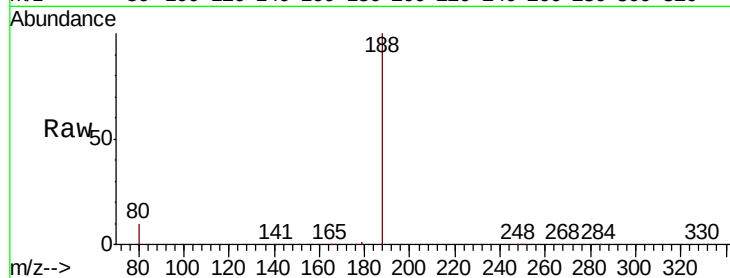
Tot Ion:188 Resp: 31615

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

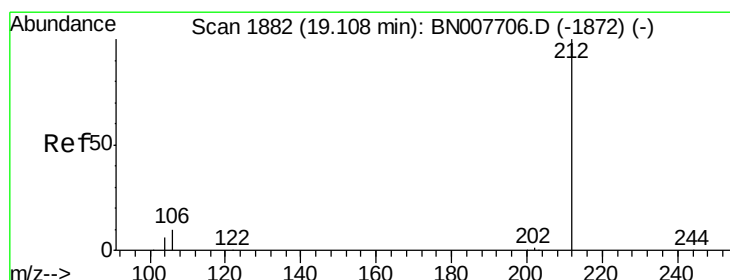
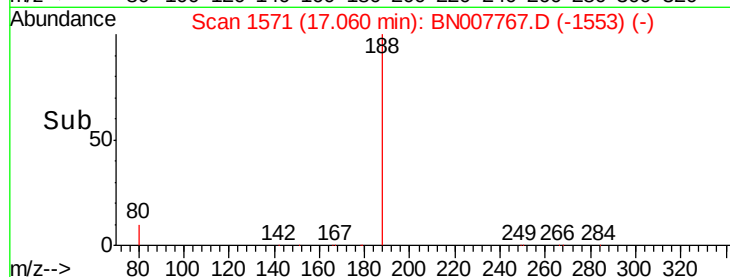
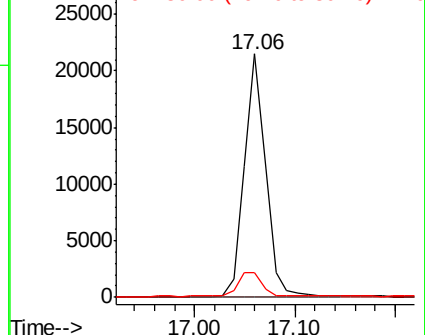
80 10.0 7.4 11.2



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



#25

Fluoranthene-d10

Concen: 0.329 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BN007767.D

Acq: 20 Sep 2019 16:56

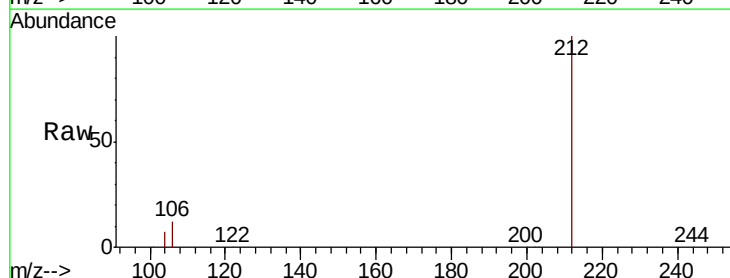
Tgt Ion:212 Resp: 35075

Ion Ratio Lower Upper

212 100

106 11.7 9.4 14.0

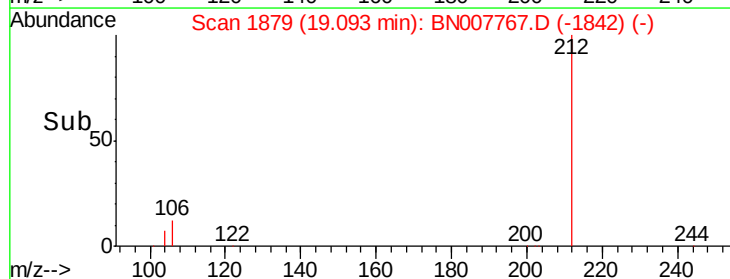
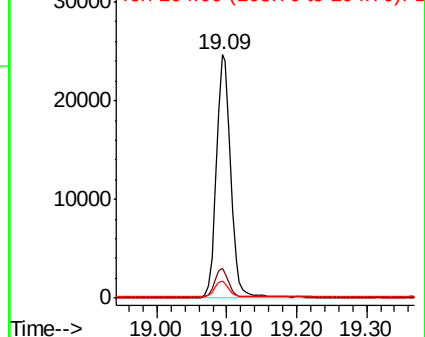
104 6.7 5.3 7.9

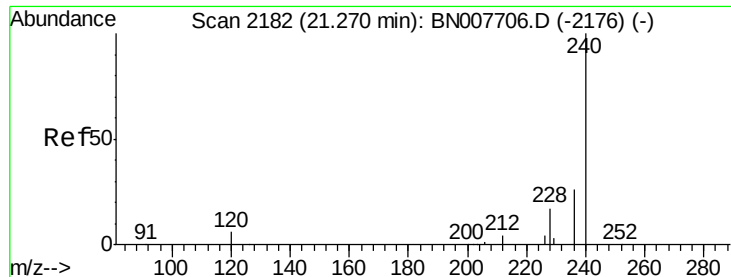


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

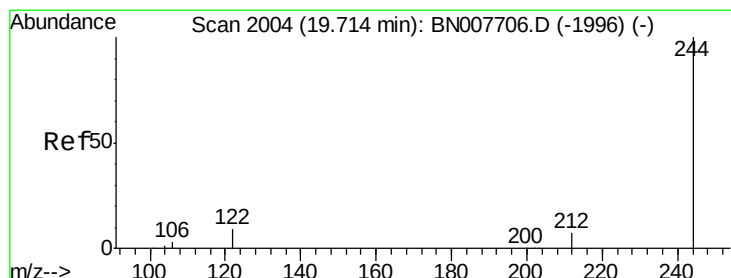
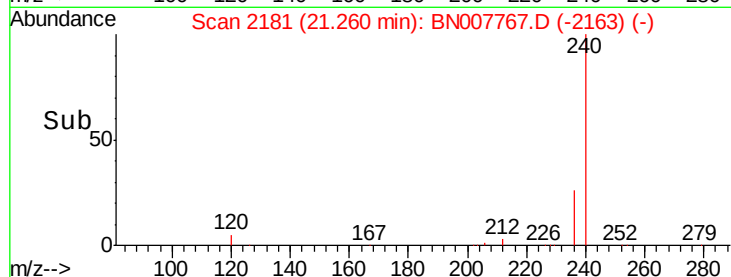
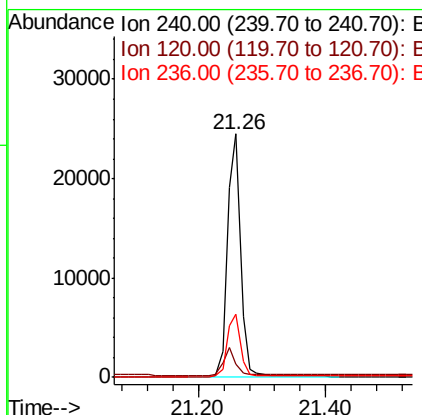
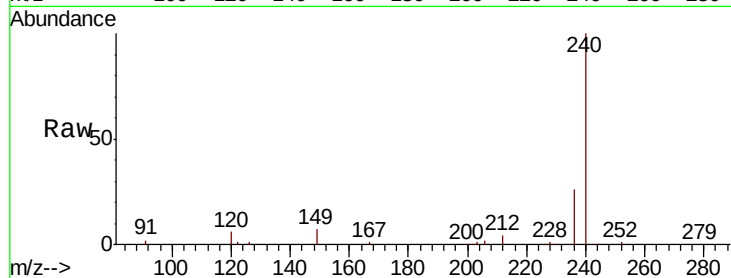




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007767.D
Acq: 20 Sep 2019 16:56

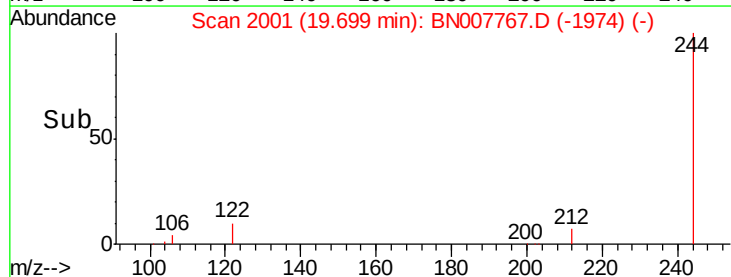
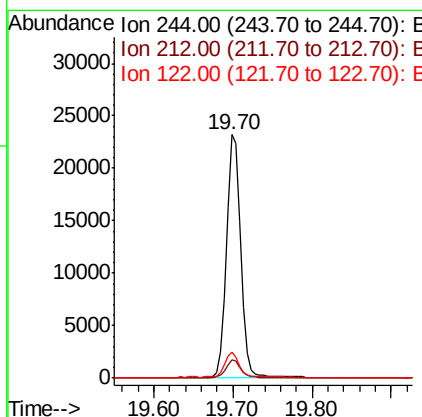
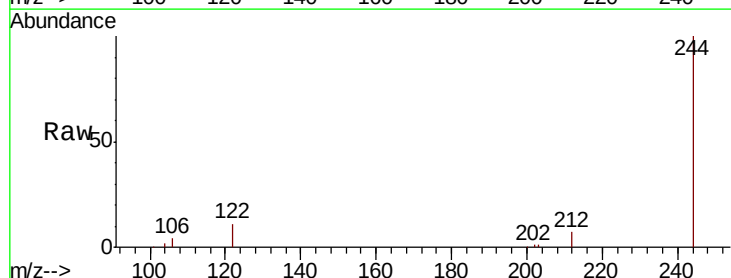
Instrument :
BNA_N
ClientSampleId :
RE120D3-20190917

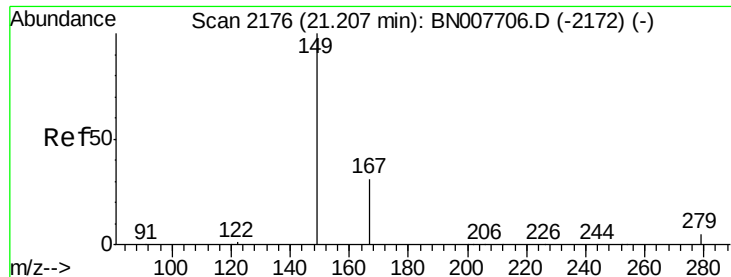
Tot Ion:240 Resp: 34533
Ion Ratio Lower Upper
240 100
120 5.6 5.4 8.2
236 26.2 21.0 31.4



#29
Terphenyl-d14
Concen: 0.348 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BN007767.D
Acq: 20 Sep 2019 16:56

Tgt Ion:244 Resp: 29552
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 10.7 7.4 11.2





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.122 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007767.D

Acq: 20 Sep 2019 16:56

Instrument :

BNA_N

ClientSampleId :

RE120D3-20190917

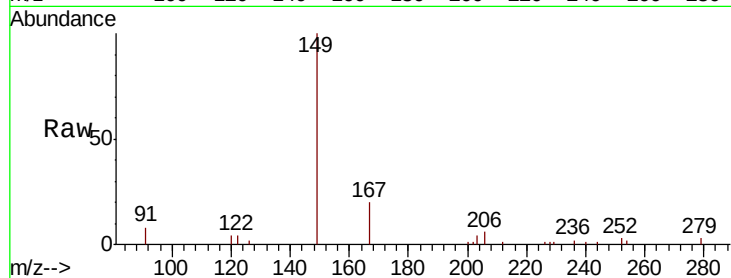
Tot Ion:149 Resp: 7968

Ion Ratio Lower Upper

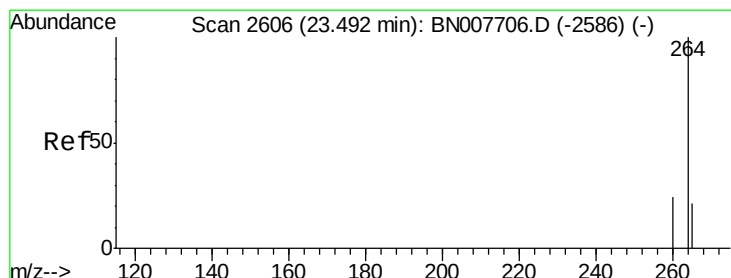
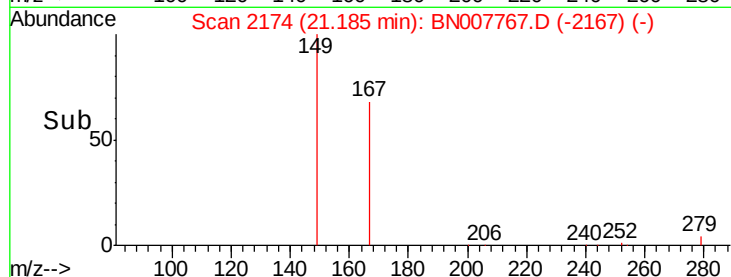
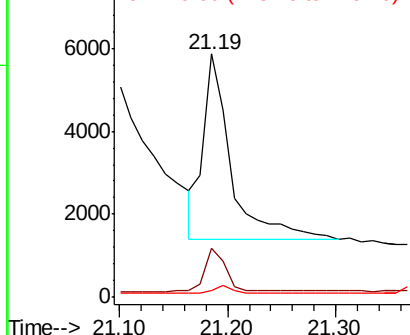
149 100

167 17.6 23.7 35.5#

279 3.4 4.2 6.2#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.47 min Scan# 2599

Delta R.T. -0.02 min

Lab File: BN007767.D

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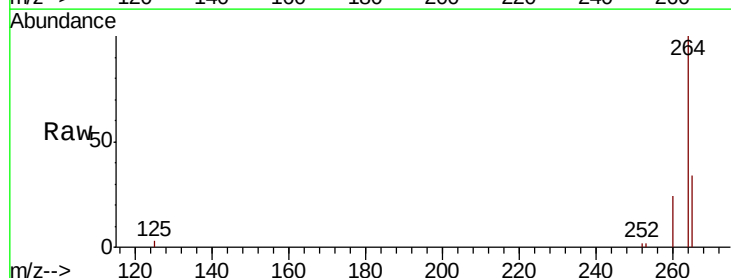
Tgt Ion:264 Resp: 34868

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 33.6 26.9 40.3



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

