

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090619\
 Data File : BN007553.D
 Acq On : 06 Sep 2019 22:00
 Operator : HP/JU
 Sample : K4722-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-4-090519

Quant Time: Sep 07 00:03:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 12:18:45 2019
 Response via : Initial Calibration

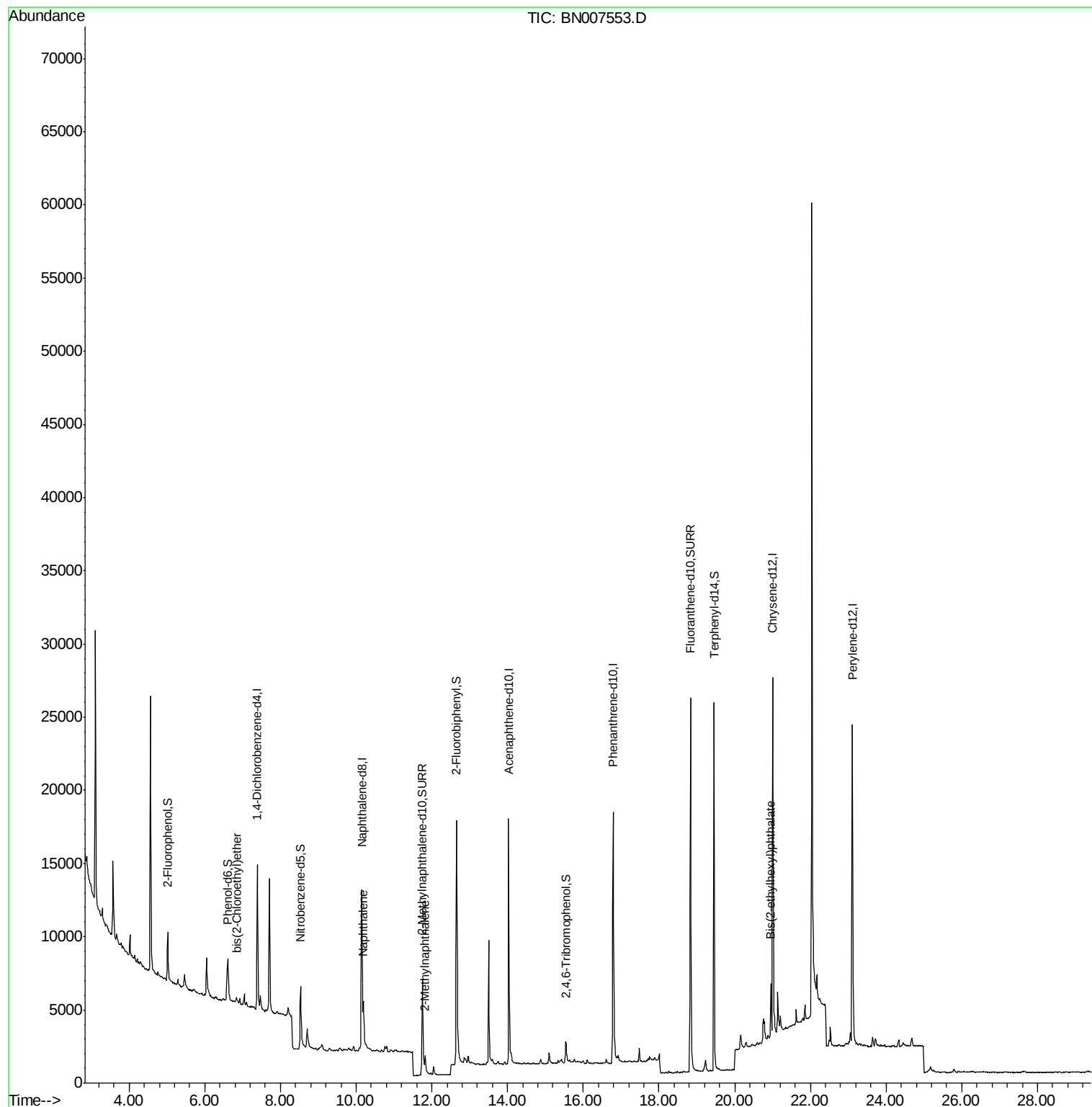
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	5311	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	20765	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	11646	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	26031	0.40	ng	-0.01
27) Chrysene-d12	21.01	240	26230	0.40	ng	-0.01
34) Perylene-d12	23.11	264	28601	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	3055	0.15	ng	-0.02
5) Phenol-d6	6.58	99	2346	0.08	ng	0.00
8) Nitrobenzene-d5	8.53	82	5755	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	12824	0.37	ng	-0.01
14) 2,4,6-Tribromophenol	15.55	330	1752	0.29	ng	-0.01
15) 2-Fluorobiphenyl	12.65	172	19599	0.42	ng	-0.01
25) Fluoranthene-d10	18.84	212	33436	0.40	ng	0.00
29) Terphenyl-d14	19.45	244	26785	0.39	ng	-0.01
Target Compounds						
6) bis(2-Chloroethyl)ether	6.84	93	509	0.027	ng	Qvalue # 31
9) Naphthalene	10.19	128	4191	0.071	ng	95
12) 2-Methylnaphthalene	11.82	142	1076	0.027	ng	# 93
32) Bis(2-ethylhexyl)phthalate	20.95	149	3414	0.032	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 566

Delta R.T. -0.02 min

Lab File: BN007553.D

Acq: 06 Sep 2019 22:00

Instrument :

BNA_N

ClientSampleId :

EB-4-090519

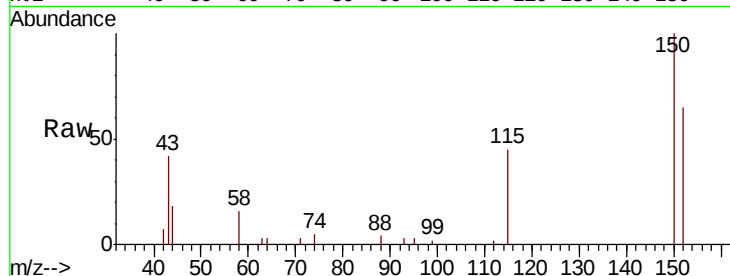
Tot Ion:152 Resp: 5311

Ion Ratio Lower Upper

152 100

150 152.9 109.1 163.7

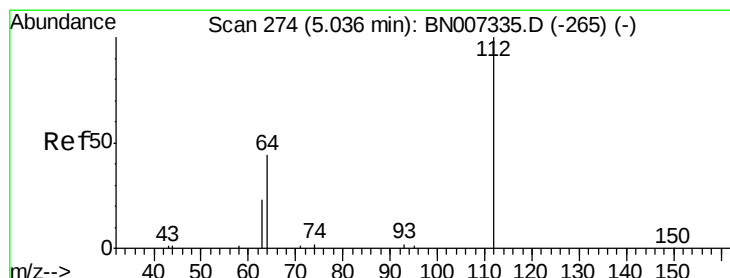
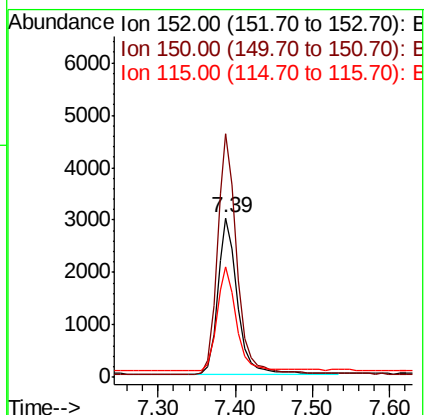
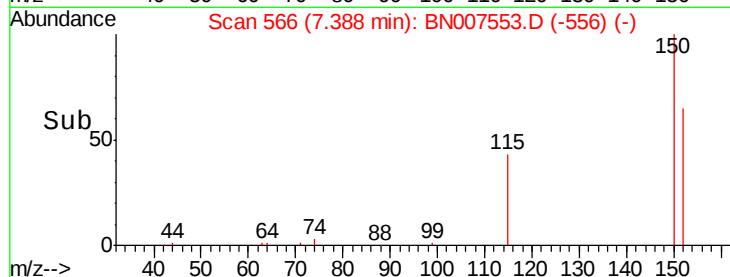
115 69.6 59.6 89.4



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: 0.148 ng

RT: 5.02 min Scan# 272

Delta R.T. -0.02 min

Lab File: BN007553.D

Acq: 06 Sep 2019 22:00

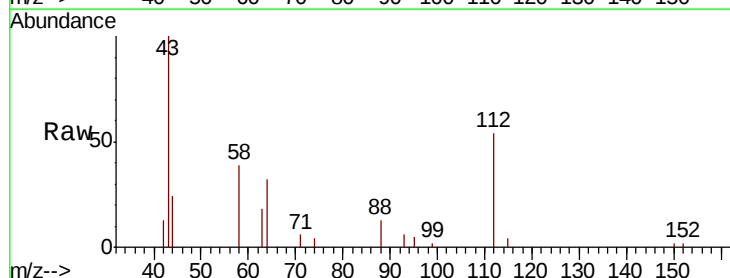
Tgt Ion:112 Resp: 3055

Ion Ratio Lower Upper

112 100

64 54.9 42.3 63.5

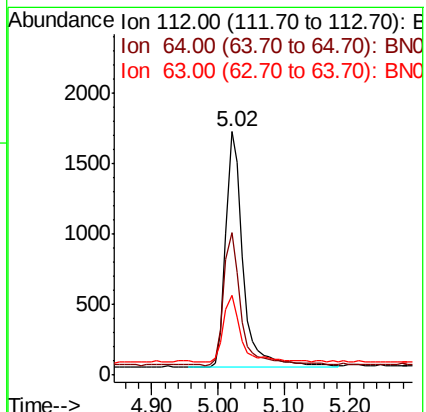
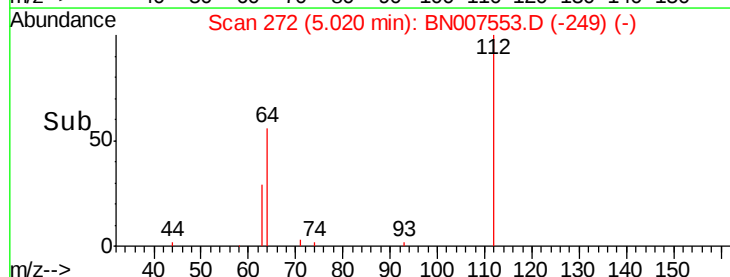
63 27.7 23.6 35.4

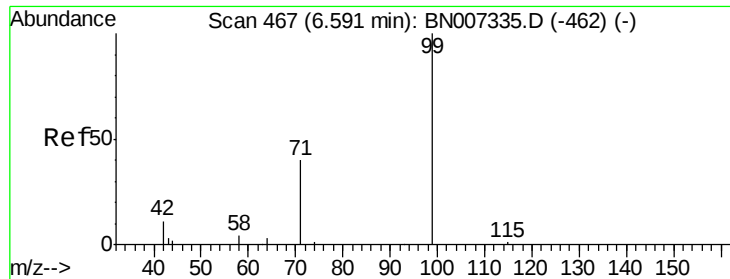


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.076 ng

RT: 6.58 min Scan# 466

Delta R.T. -0.01 min

Lab File: BN007553.D

Acq: 06 Sep 2019 22:00

Instrument :

BNA_N

ClientSampled :

EB-4-090519

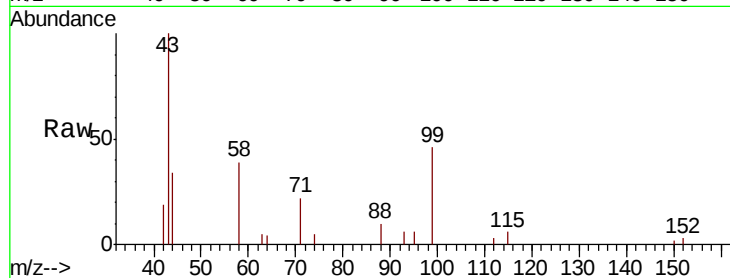
Tot Ion: 99 Resp: 2346

Ion Ratio Lower Upper

99 100

42 22.9 11.2 16.8#

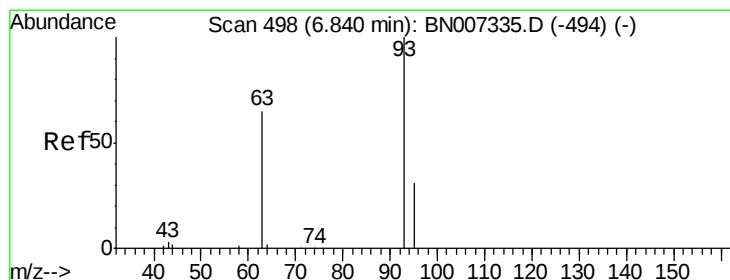
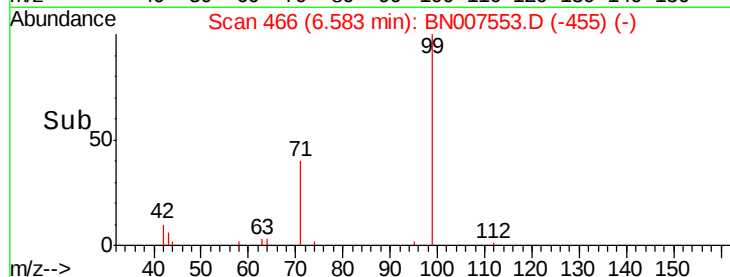
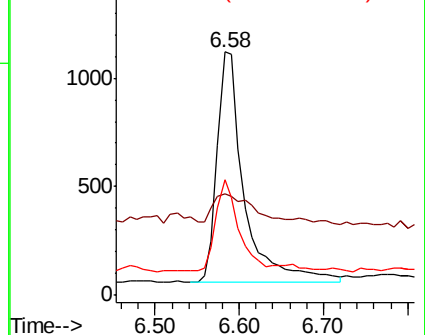
71 34.1 31.8 47.8



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



#6

bis(2-Chloroethyl)ether

Concen: 0.027 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.00 min

Lab File: BN007553.D

Acq: 06 Sep 2019 22:00

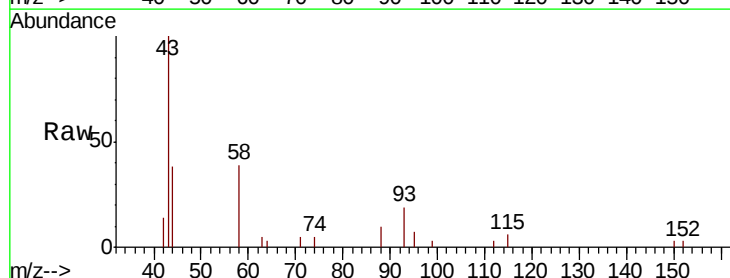
Tgt Ion: 93 Resp: 509

Ion Ratio Lower Upper

93 100

63 0.0 51.9 77.9#

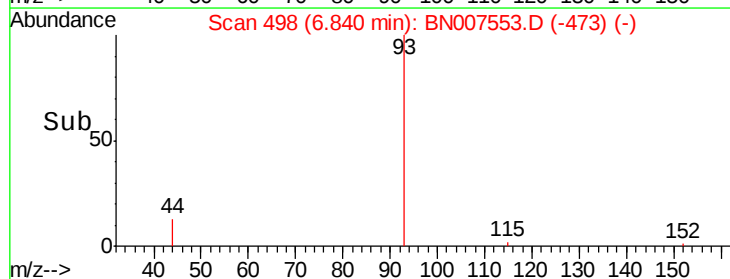
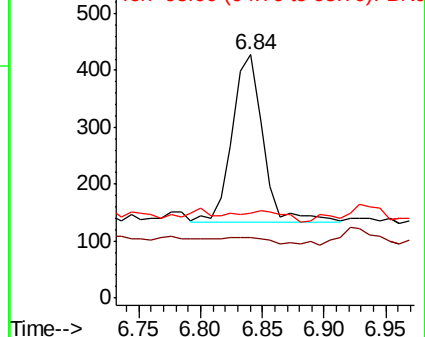
95 10.0 27.7 41.5#

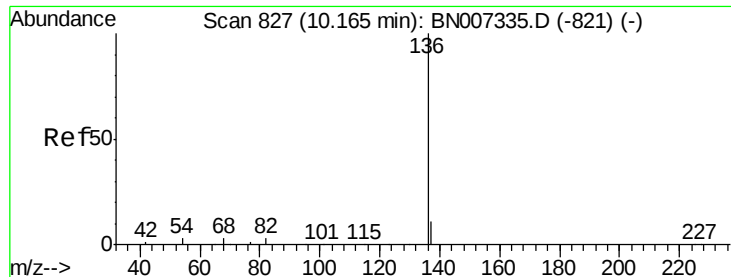


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007553.D

Acq: 06 Sep 2019 22:00

Instrument :

BNA_N

ClientSampleId :

EB-4-090519

Tot Ion:136 Resp: 20765

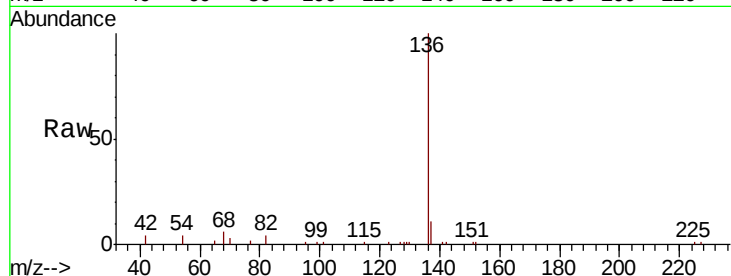
Ion Ratio Lower Upper

136 100

137 11.3 12.9 19.3#

54 4.3 8.6 12.8#

68 5.8 17.0 25.4#

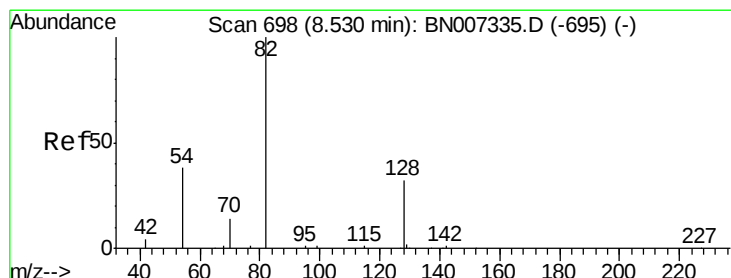
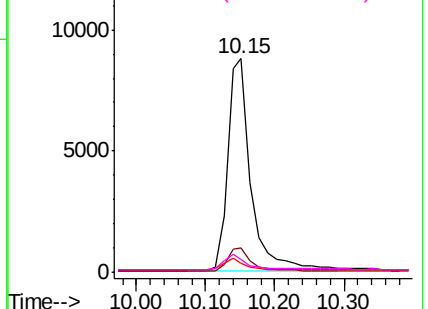
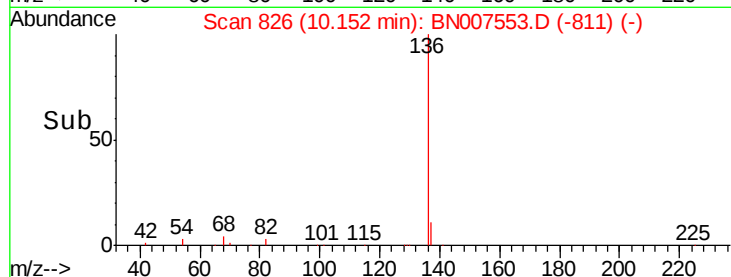


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.318 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007553.D

Acq: 06 Sep 2019 22:00

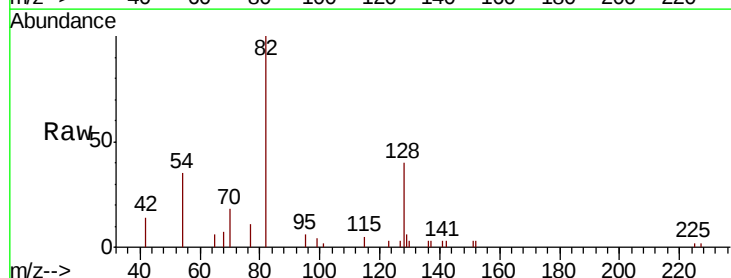
Tgt Ion: 82 Resp: 5755

Ion Ratio Lower Upper

82 100

128 40.3 19.7 29.5#

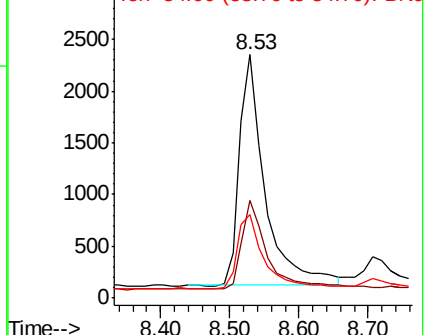
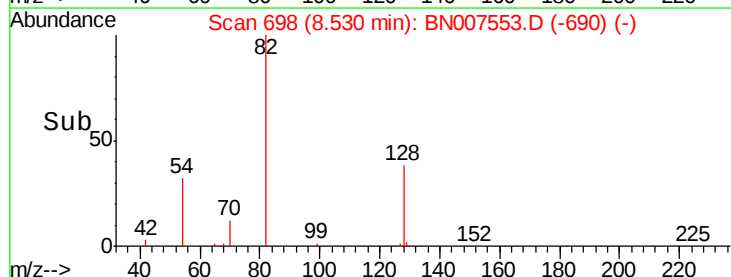
54 34.6 25.8 38.6

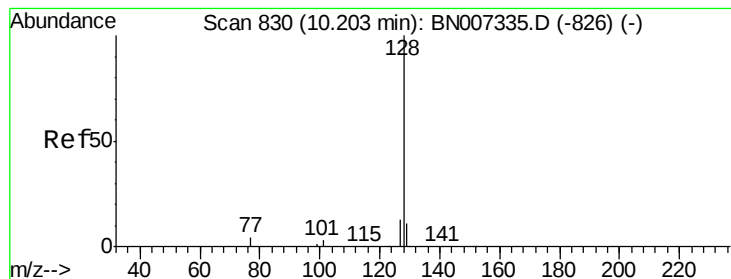


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.071 ng

RT: 10.19 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN007553.D

Acq: 06 Sep 2019 22:00

Instrument :

BNA_N

ClientSampleId :

EB-4-090519

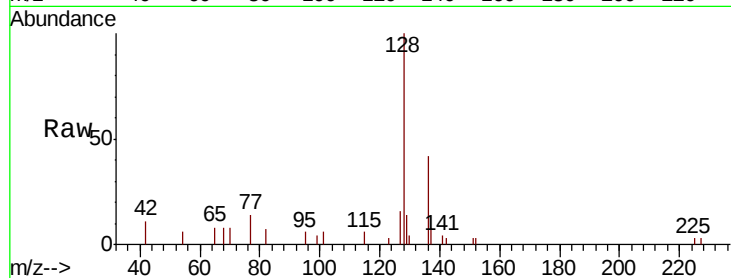
Tot Ion:128 Resp: 4191

Ion Ratio Lower Upper

128 100

129 14.4 11.1 16.7

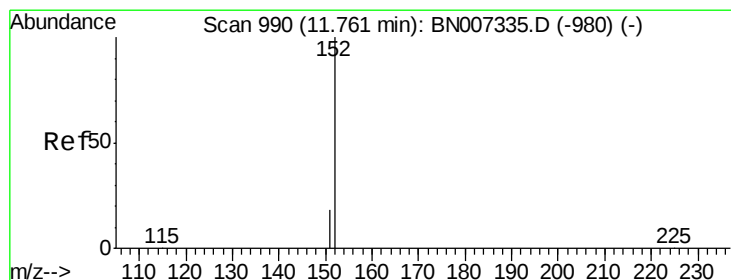
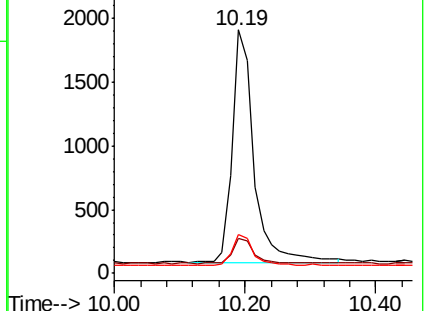
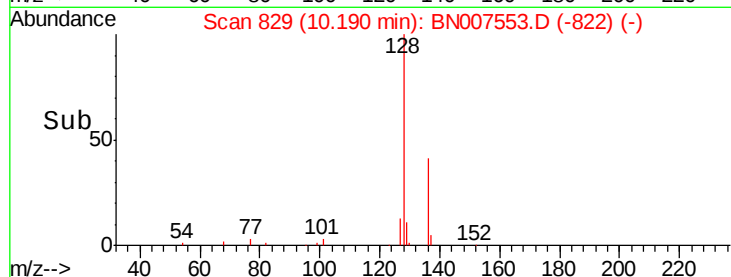
127 16.2 15.5 23.3



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



#11

2-Methylnaphthalene-d10

Concen: 0.372 ng

RT: 11.75 min Scan# 987

Delta R.T. -0.01 min

Lab File: BN007553.D

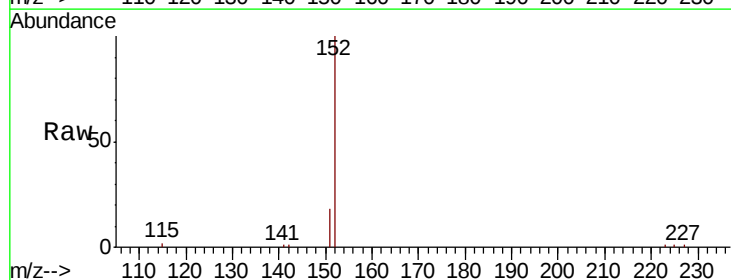
Acq: 06 Sep 2019 22:00

Tgt Ion:152 Resp: 12824

Ion Ratio Lower Upper

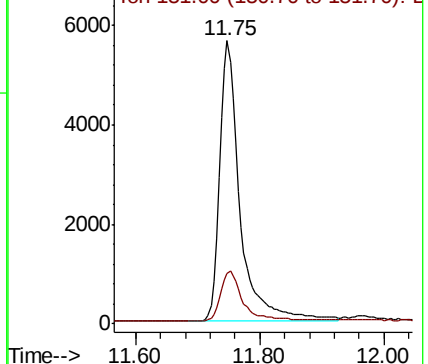
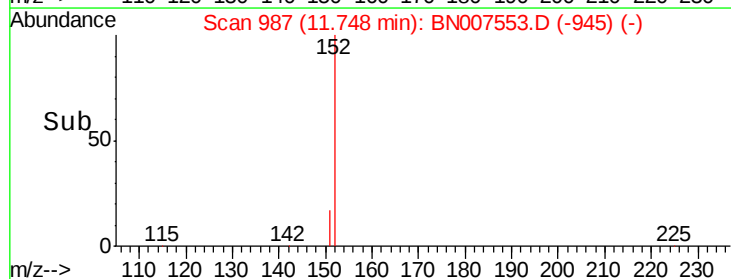
152 100

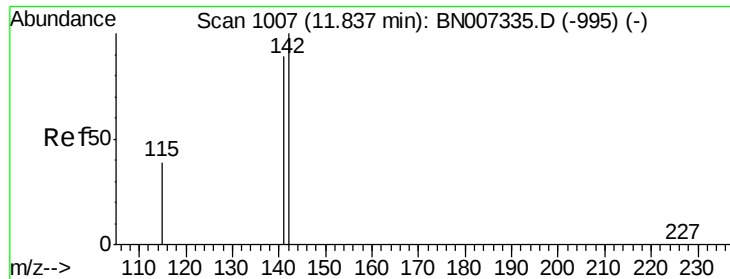
151 19.2 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.027 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN007553.D

Acq: 06 Sep 2019 22:00

Instrument :

BNA_N

ClientSampleId :

EB-4-090519

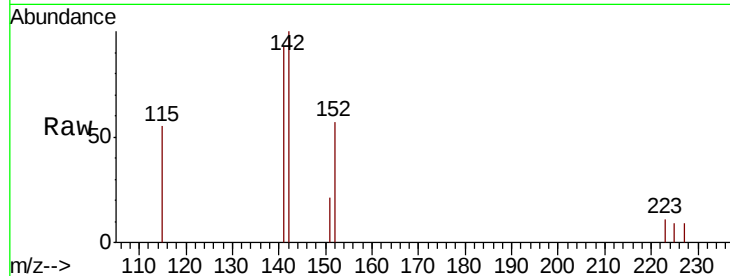
Tot Ion:142 Resp: 1076

Ion Ratio Lower Upper

142 100

141 92.5 72.8 109.2

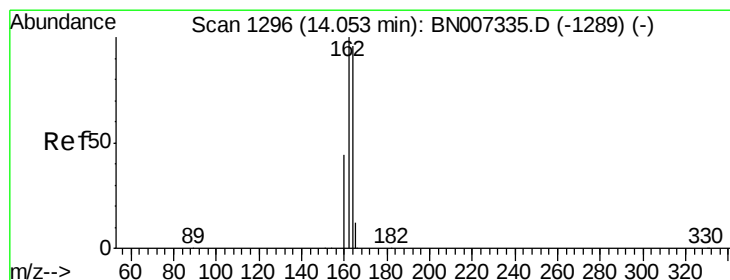
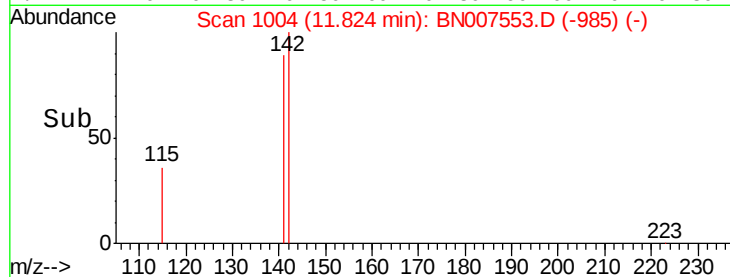
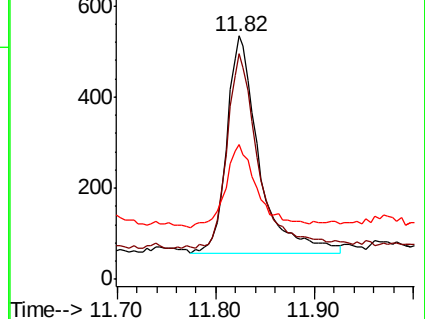
115 55.4 35.2 52.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BN007553.D

Acq: 06 Sep 2019 22:00

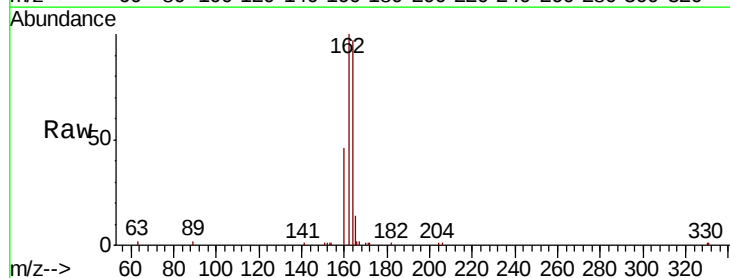
Tgt Ion:164 Resp: 11646

Ion Ratio Lower Upper

164 100

162 103.3 83.5 125.3

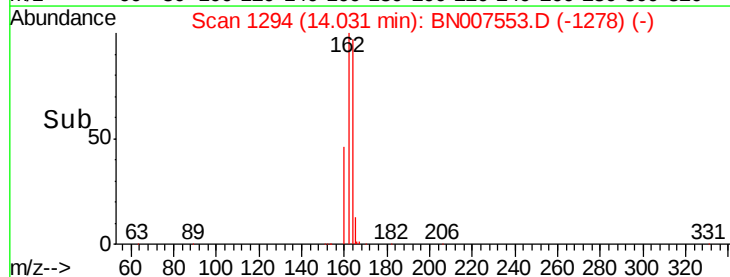
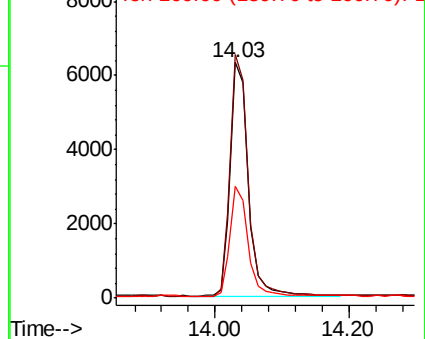
160 47.5 38.2 57.4

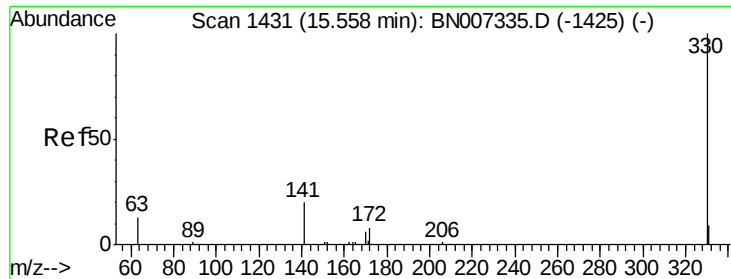


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

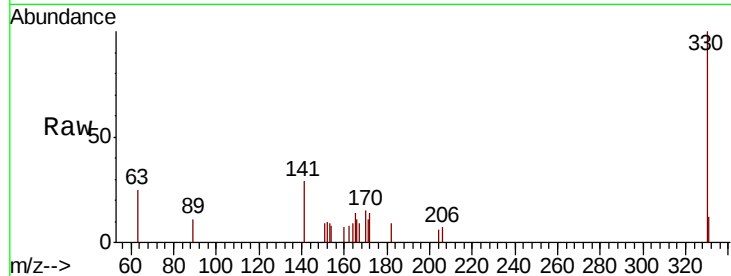




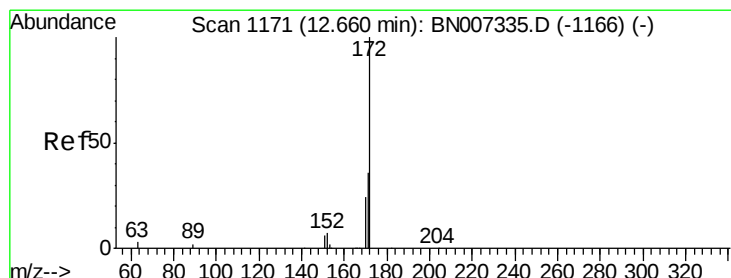
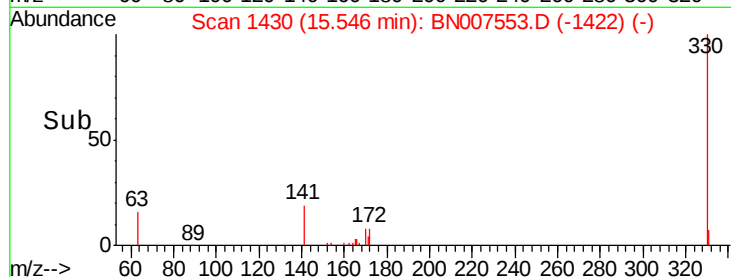
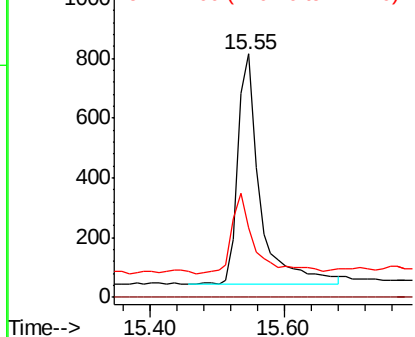
#14
2,4,6-Tribromophenol
Concen: 0.288 ng
RT: 15.55 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BN007553.D
Acq: 06 Sep 2019 22:00

Instrument :
BNA_N
ClientSampleId :
EB-4-090519

Tot Ion:330 Resp: 1752
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.6 26.9 40.3

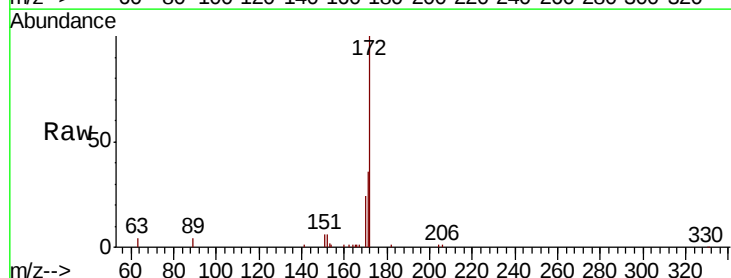


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

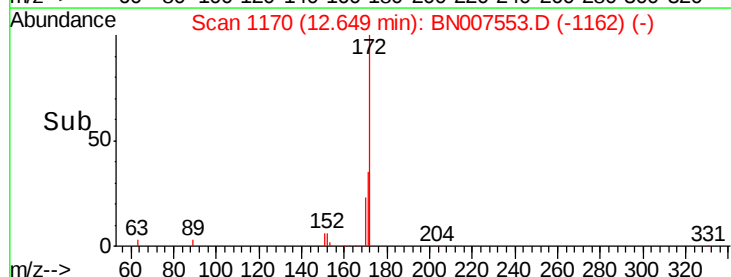
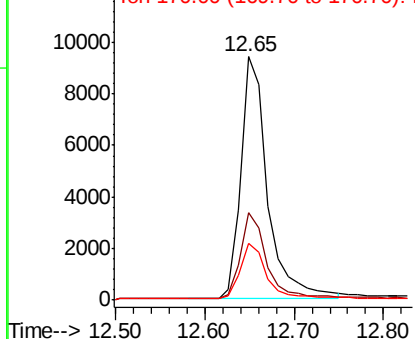


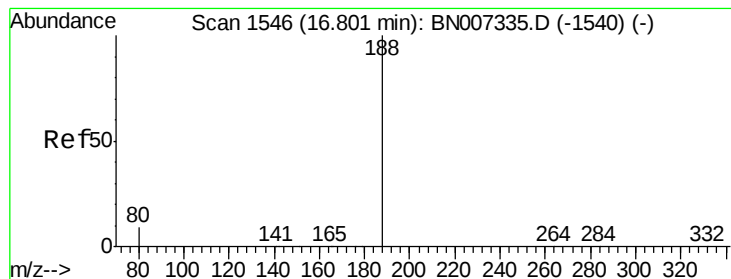
#15
2-Fluorobiphenyl
Concen: 0.417 ng
RT: 12.65 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BN007553.D
Acq: 06 Sep 2019 22:00

Tgt Ion:172 Resp: 19599
Ion Ratio Lower Upper
172 100
171 35.8 30.3 45.5
170 23.6 20.7 31.1



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: 16.79 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BN007553.D

Acq: 06 Sep 2019 22:00

Instrument :

BNA_N

ClientSampleId :

EB-4-090519

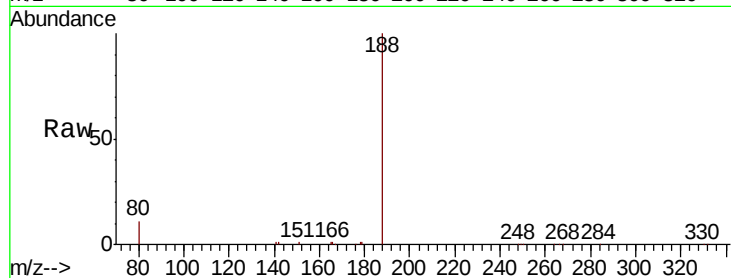
Tot Ion:188 Resp: 26031

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

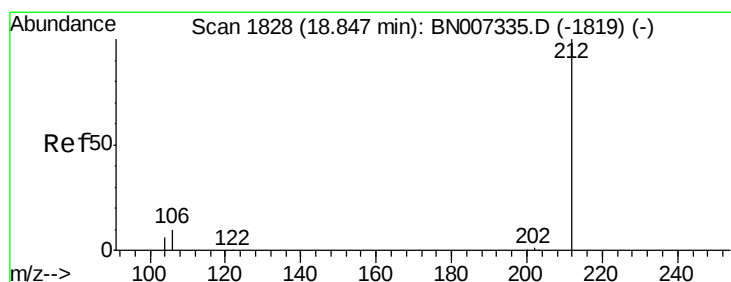
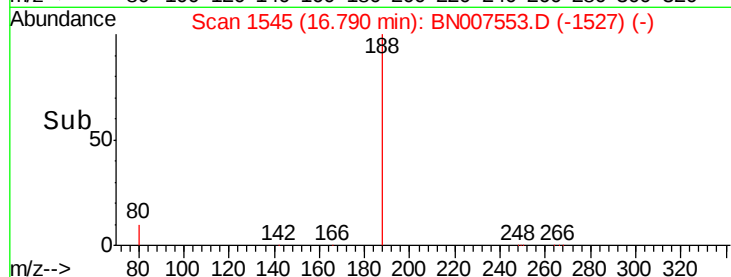
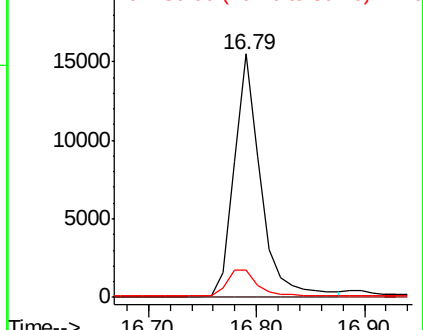
80 11.0 11.8 17.8#



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



#25

Fluoranthene-d10

Concen: 0.399 ng

RT: 18.84 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BN007553.D

Acq: 06 Sep 2019 22:00

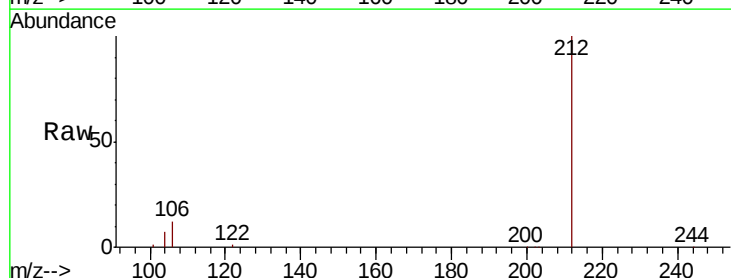
Tgt Ion:212 Resp: 33436

Ion Ratio Lower Upper

212 100

106 13.1 9.0 13.4

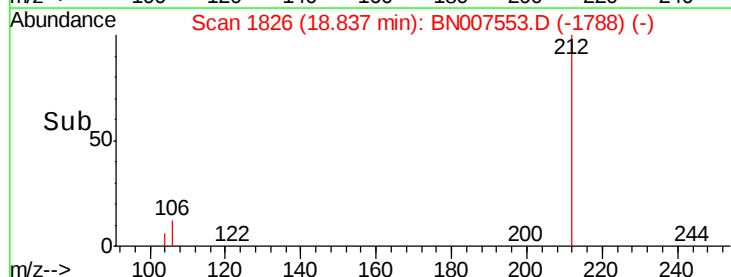
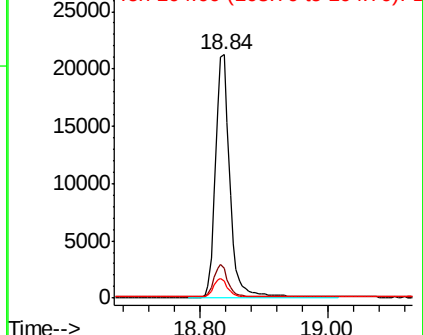
104 7.5 5.4 8.2

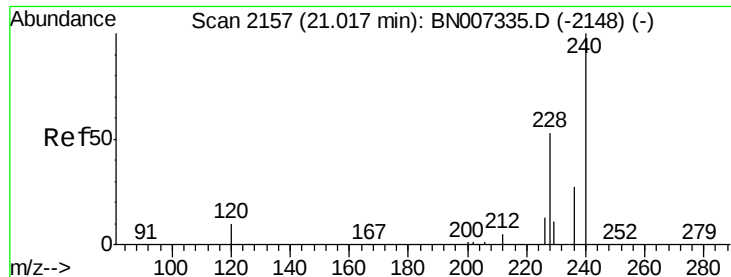


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.01 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007553.D

Acq: 06 Sep 2019 22:00

Instrument :

BNA_N

ClientSampleId :

EB-4-090519

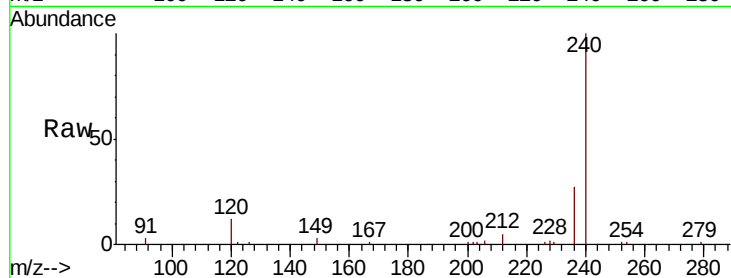
Tot Ion:240 Resp: 26230

Ion Ratio Lower Upper

240 100

120 12.4 9.6 14.4

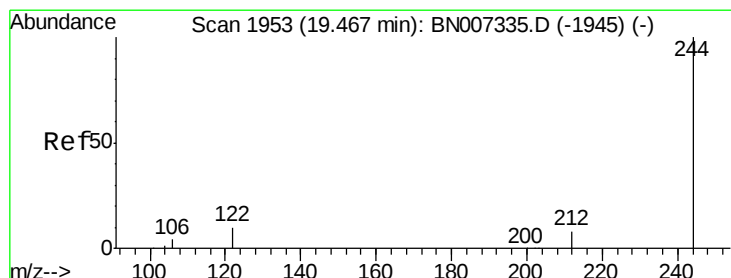
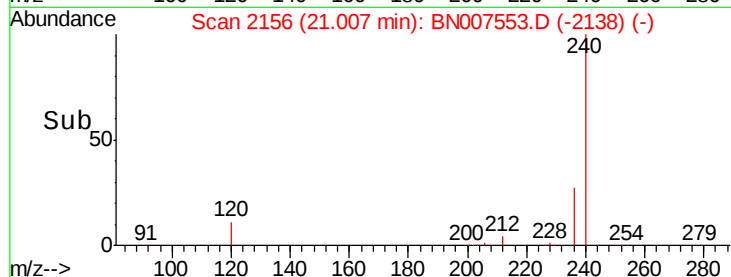
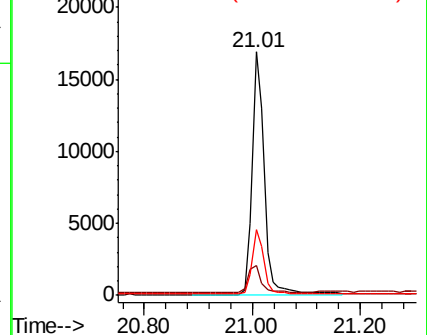
236 27.0 22.2 33.2



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



#29

Terphenyl-d14

Concen: 0.390 ng

RT: 19.45 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BN007553.D

Acq: 06 Sep 2019 22:00

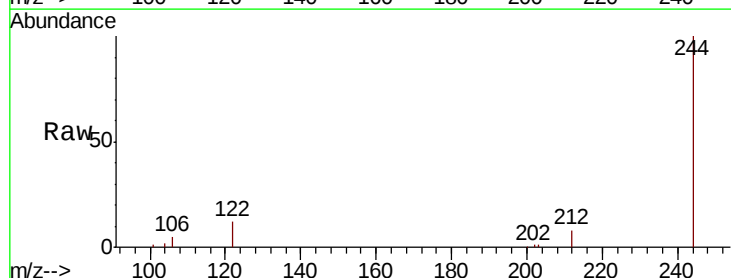
Tgt Ion:244 Resp: 26785

Ion Ratio Lower Upper

244 100

212 7.6 7.0 10.6

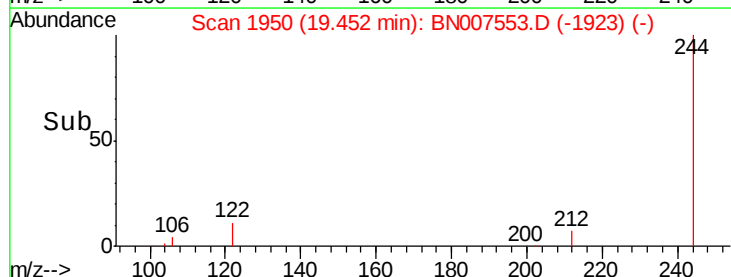
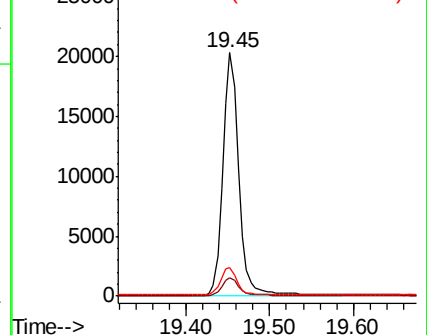
122 11.6 9.6 14.4

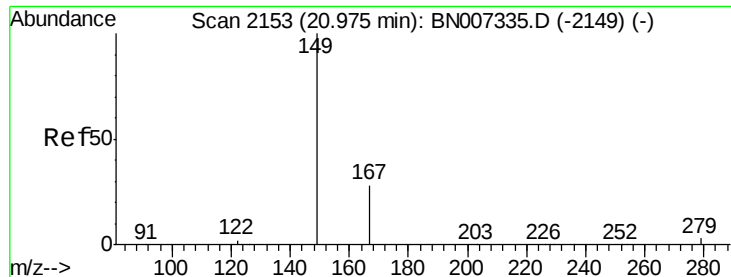


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.032 ng

RT: 20.95 min Scan# 2151

Delta R.T. -0.02 min

Lab File: BN007553.D

Acq: 06 Sep 2019 22:00

Instrument :

BNA_N

ClientSampleId :

EB-4-090519

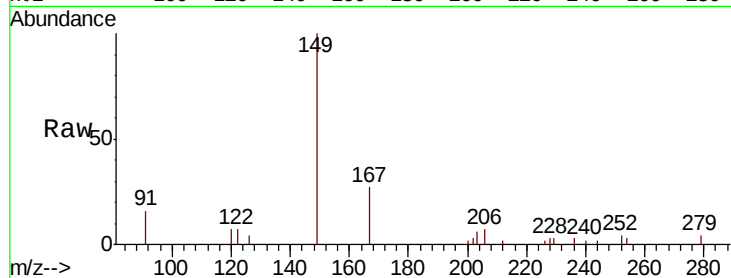
Tot Ion:149 Resp: 3414

Ion Ratio Lower Upper

149 100

167 28.4 22.8 34.2

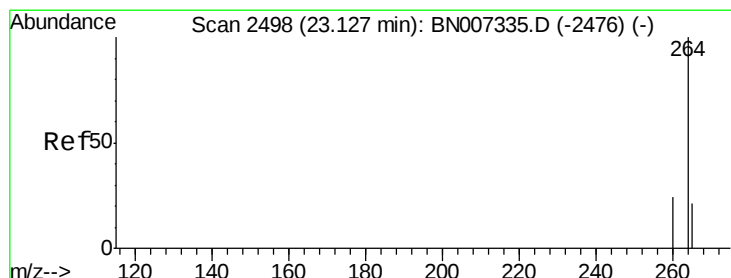
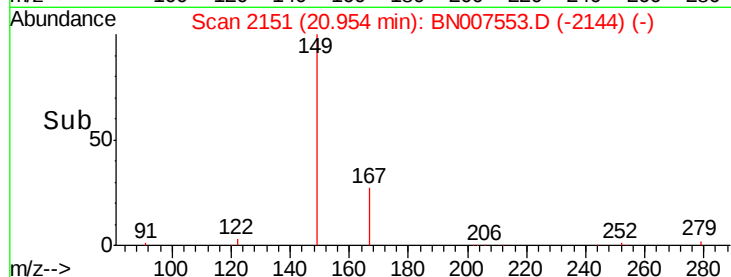
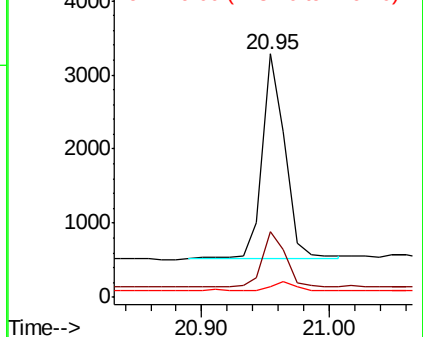
279 4.9 3.5 5.3



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: 23.11 min Scan# 2492

Delta R.T. -0.02 min

Lab File: BN007553.D

Acq: 06 Sep 2019 22:00

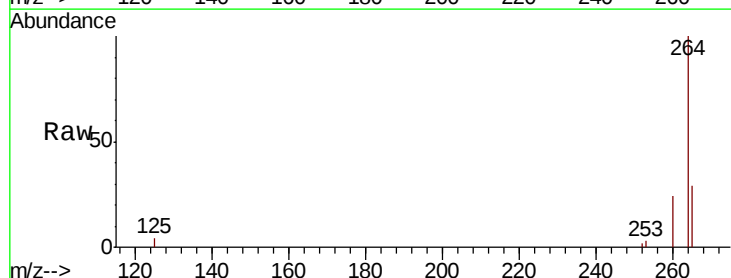
Tgt Ion:264 Resp: 28601

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 29.2 29.9 44.9#



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

