

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
 Data File : BN007787.D
 Acq On : 21 Sep 2019 06:05
 Operator : HP/JU
 Sample : K4974-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20190916

Quant Time: Sep 21 06:51:02 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

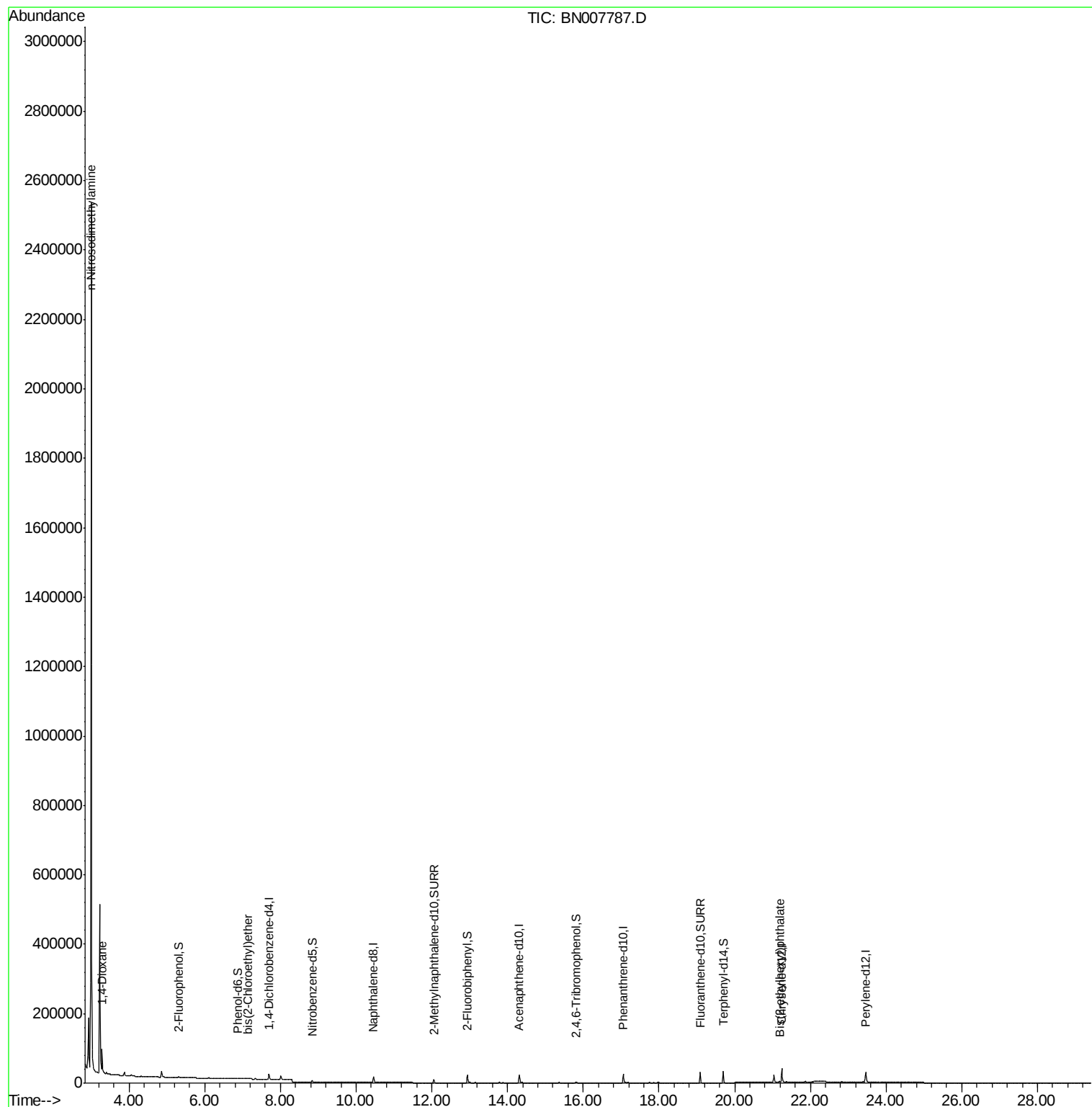
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	6516	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	24584	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	14937	0.40	ng	-0.02
19) Phenanthrene-d10	17.06	188	33065	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	36112	0.40	ng	-0.02
34) Perylene-d12	23.46	264	39582	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	2325	0.10	ng	0.00
5) Phenol-d6	6.87	99	1823	0.06	ng	0.00
8) Nitrobenzene-d5	8.83	82	5775	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	13863	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.80	330	1540	0.19	ng	-0.02
15) 2-Fluorobiphenyl	12.94	172	22046	0.36	ng	0.00
25) Fluoranthene-d10	19.09	212	38096	0.34	ng	-0.02
29) Terphenyl-d14	19.70	244	35209	0.40	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.28	88	46701	6.430	ng	# 95
3) n-Nitrosodimethylamine	3.00	42	192637	57.910	ng	# 67
6) bis(2-Chloroethyl)ether	7.14	93	457	0.025	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.19	149	2469	0.036	ng	# 93

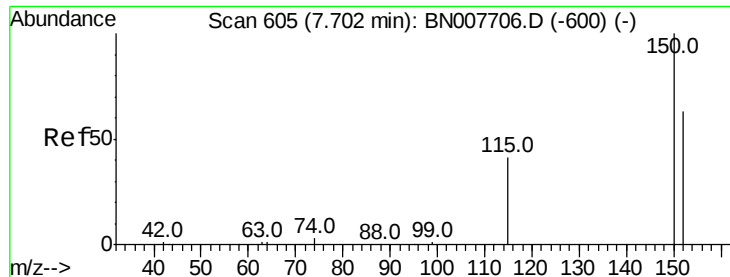
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 18 18:24:40 2019
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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: BN007787.D

Acq: 21 Sep 2019 06:05

Instrument :

BNA_N

ClientSampleId :

RE132D4-20190916

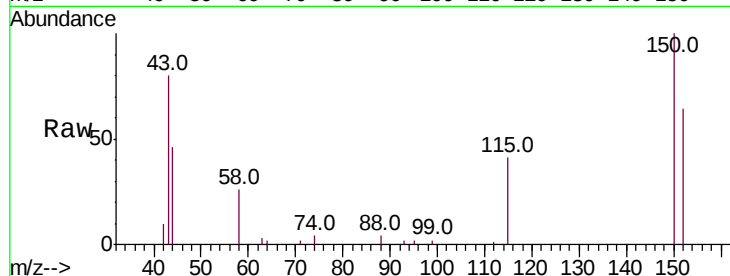
Tot Ion:152 Resp: 6516

Ion Ratio Lower Upper

152 100

150 155.9 125.6 188.4

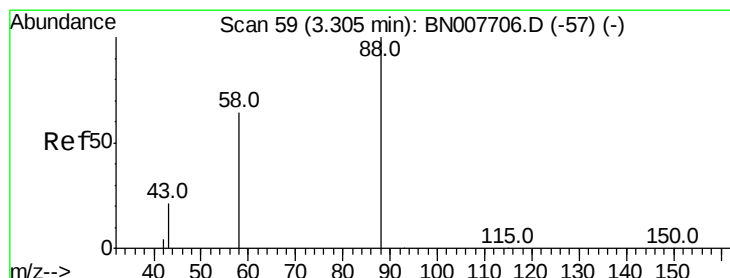
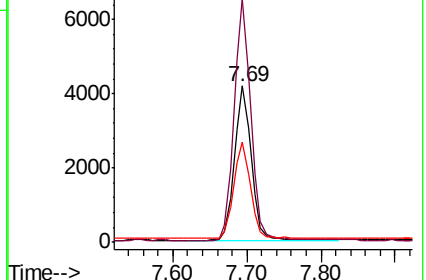
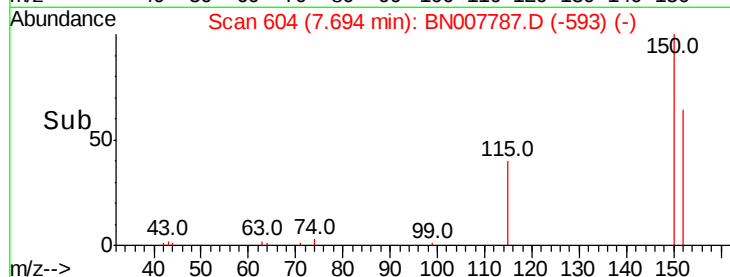
115 64.3 53.3 79.9



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: 6.430 ng

RT: 3.28 min Scan# 56

Delta R.T. -0.02 min

Lab File: BN007787.D

Acq: 21 Sep 2019 06:05

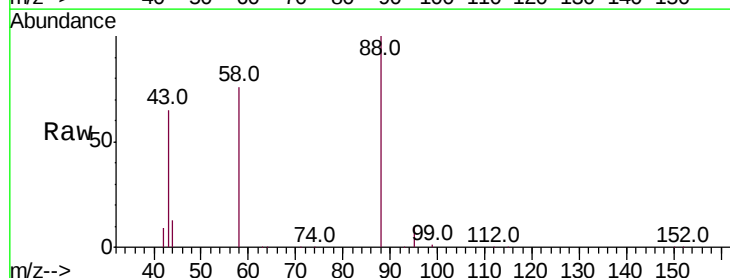
Tgt Ion: 88 Resp: 46701

Ion Ratio Lower Upper

88 100

58 58.7 44.6 66.8

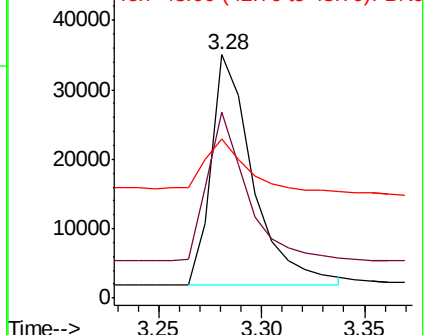
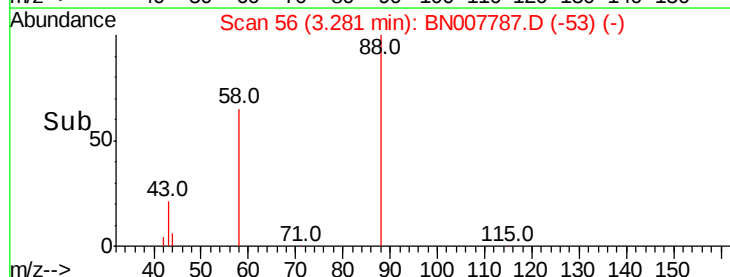
43 22.2 14.4 21.6#

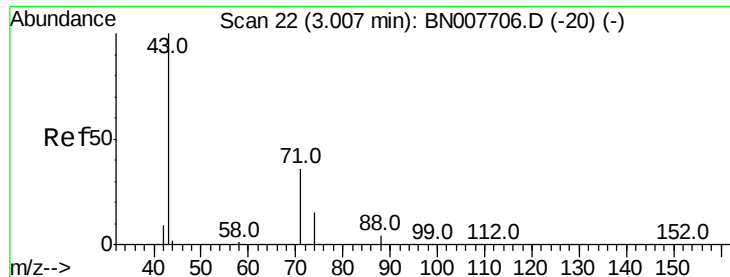


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 57.910 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

Lab File: BN007787.D

Acq: 21 Sep 2019 06:05

Instrument :

BNA_N

ClientSampleId :

RE132D4-20190916

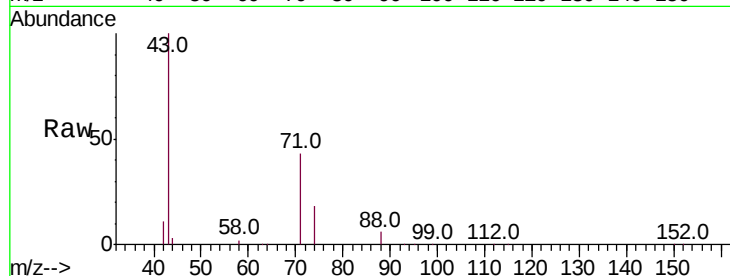
Tot Ion: 42 Resp: 192637

Ion Ratio Lower Upper

42 100

74 151.2 87.9 131.9#

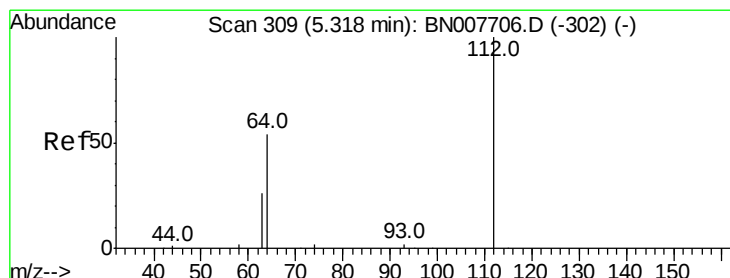
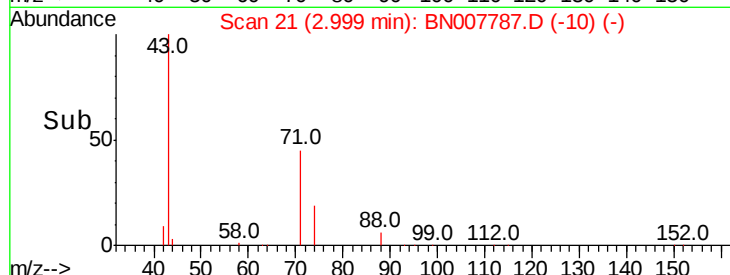
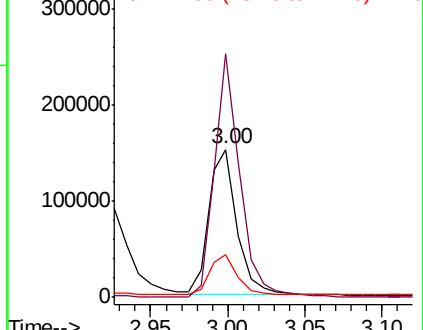
44 26.9 29.4 44.0#



Abundance Ion 42.00 (41.70 to 42.70): BN007706.D (-20) (-)

Ion 74.00 (73.70 to 74.70): BN007787.D (-10) (-)

Ion 44.00 (43.70 to 44.70): BN007787.D (-10) (-)



#4

2-Fluorophenol

Concen: 0.104 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007787.D

Acq: 21 Sep 2019 06:05

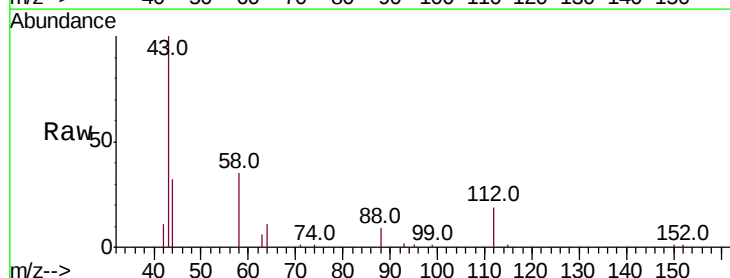
Tgt Ion: 112 Resp: 2325

Ion Ratio Lower Upper

112 100

64 61.3 46.6 70.0

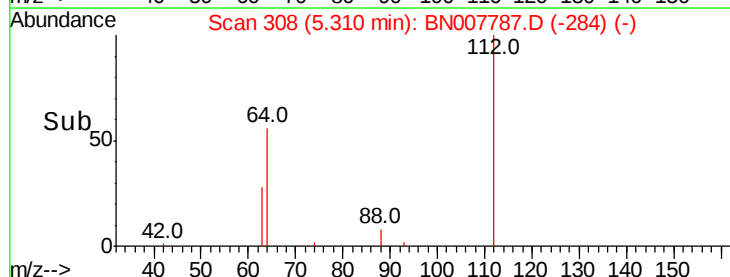
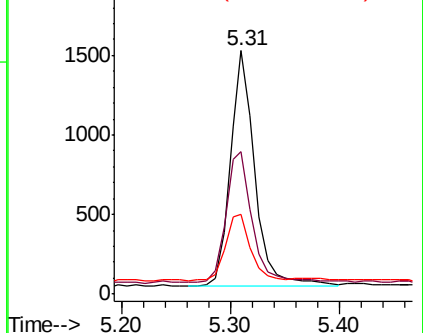
63 29.2 23.1 34.7

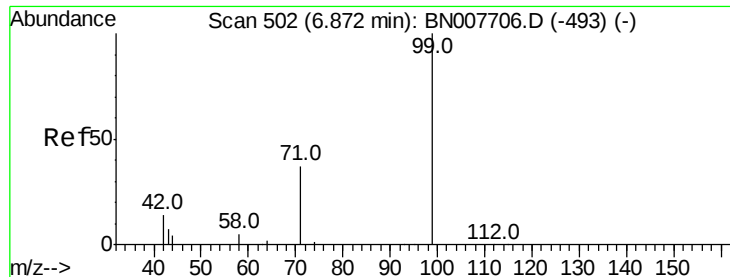


Abundance Ion 112.00 (111.70 to 112.70): BN007706.D (-302) (-)

Ion 64.00 (63.70 to 64.70): BN007787.D (-284) (-)

Ion 63.00 (62.70 to 63.70): BN007787.D (-284) (-)





#5

Phenol-d6

Concen: 0.060 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007787.D

Acq: 21 Sep 2019 06:05

Instrument :

BNA_N

ClientSampleId :

RE132D4-20190916

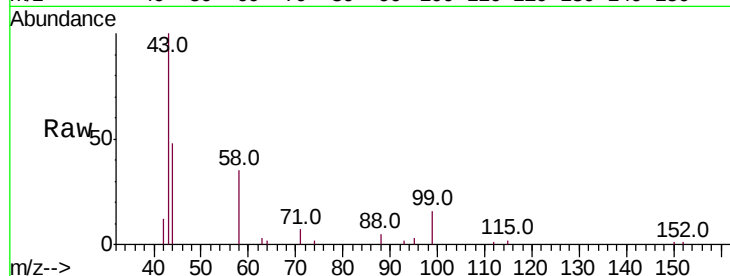
Tot Ion: 99 Resp: 1823

Ion Ratio Lower Upper

99 100

42 20.4 12.8 19.2#

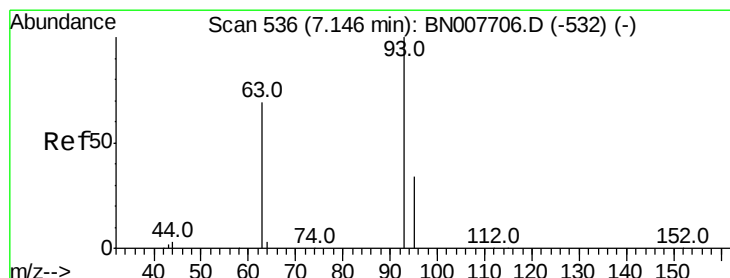
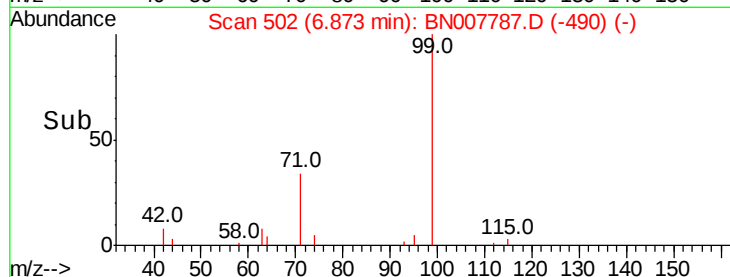
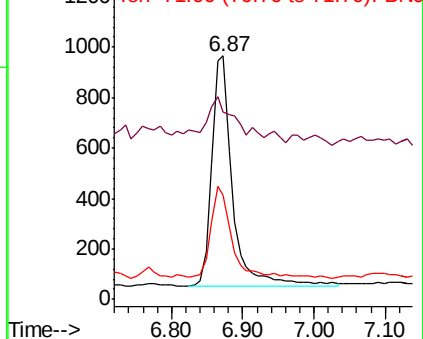
71 37.7 27.6 41.4



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



#6

bis(2-Chloroethyl)ether

Concen: 0.025 ng

RT: 7.14 min Scan# 535

Delta R.T. -0.01 min

Lab File: BN007787.D

Acq: 21 Sep 2019 06:05

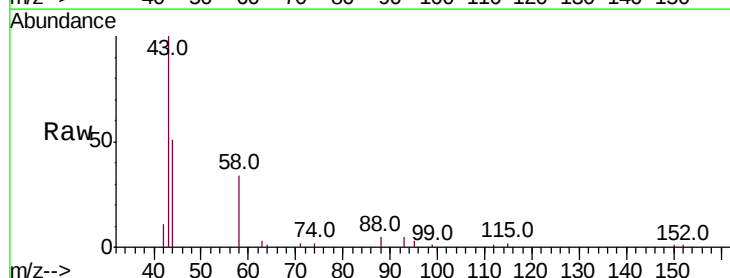
Tgt Ion: 93 Resp: 457

Ion Ratio Lower Upper

93 100

63 69.1 59.3 88.9

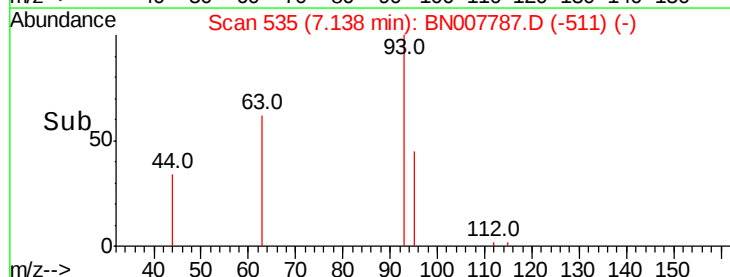
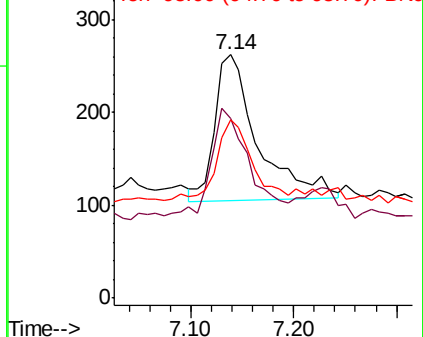
95 45.3 31.4 47.0

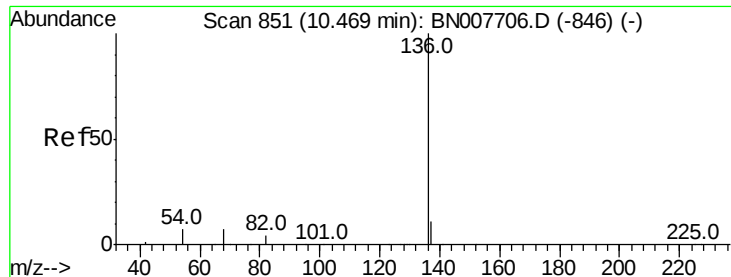


Abundance Ion 93.00 (92.70 to 93.70): BNC

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: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007787.D

Acq: 21 Sep 2019 06:05

Instrument :

BNA_N

ClientSampleId :

RE132D4-20190916

Tot Ion:136 Resp: 24584

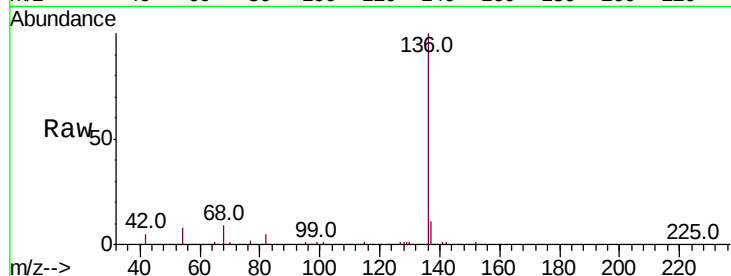
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 8.2 5.8 8.8

68 9.0 6.5 9.7

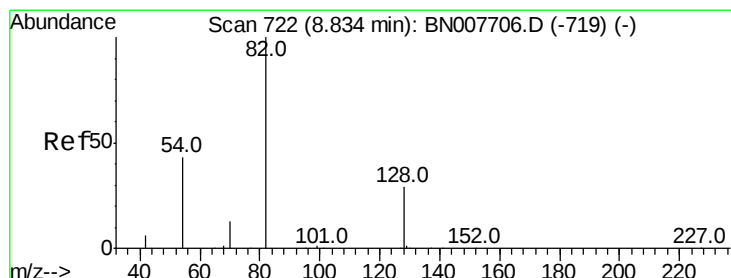
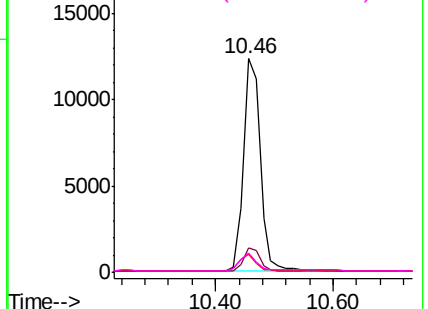
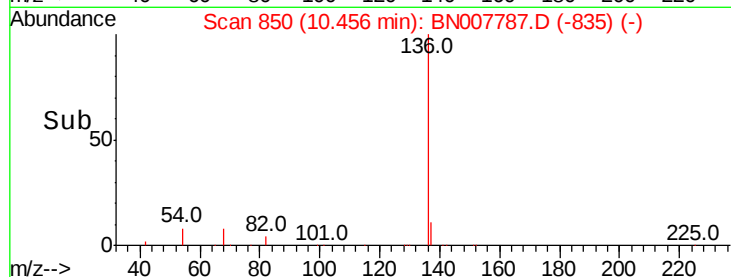


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.269 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007787.D

Acq: 21 Sep 2019 06:05

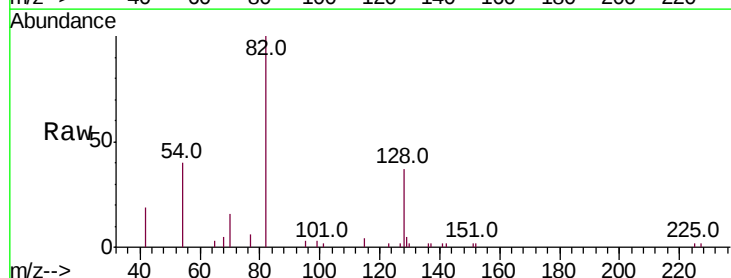
Tgt Ion: 82 Resp: 5775

Ion Ratio Lower Upper

82 100

128 37.2 24.5 36.7#

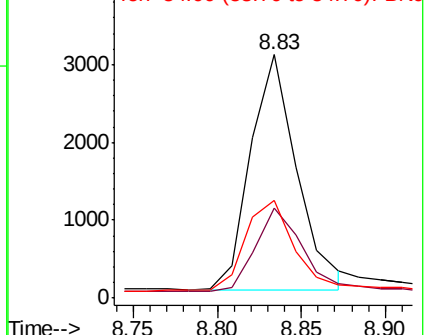
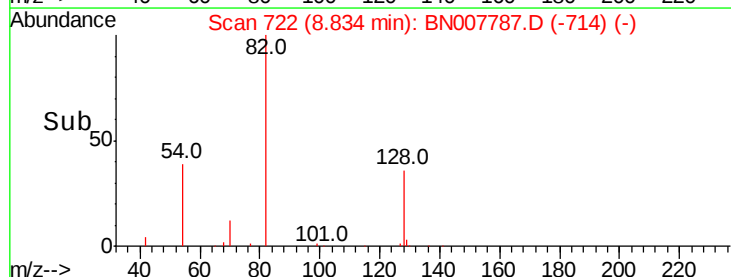
54 40.2 35.2 52.8

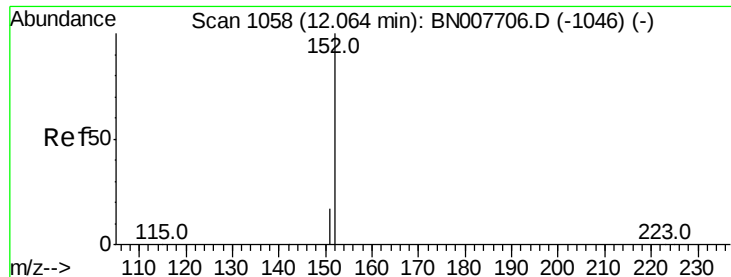


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

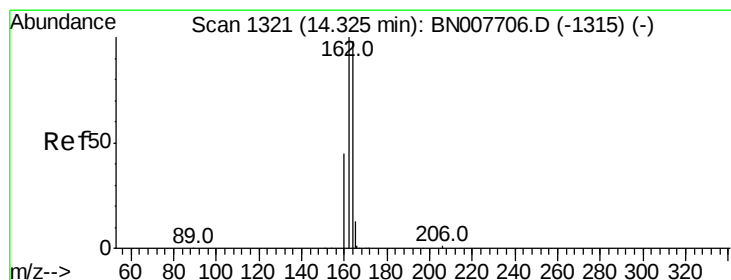
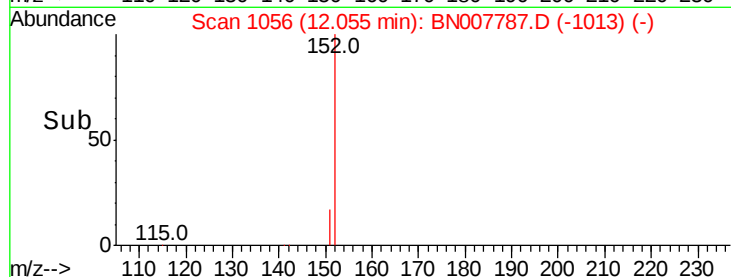
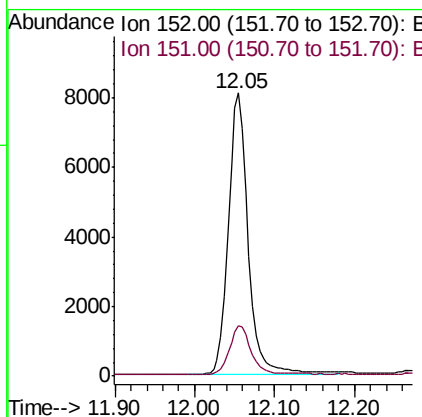
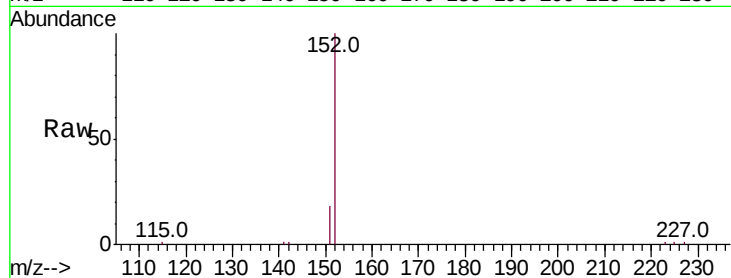




#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.05 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BN007787.D
Acq: 21 Sep 2019 06:05

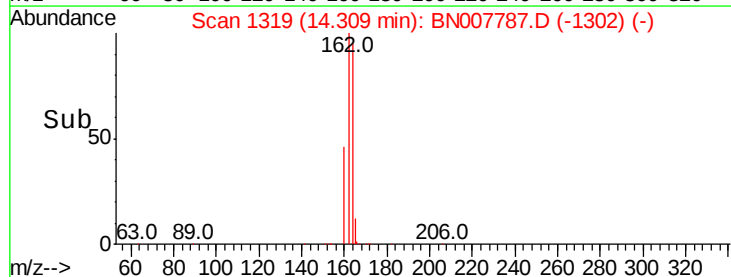
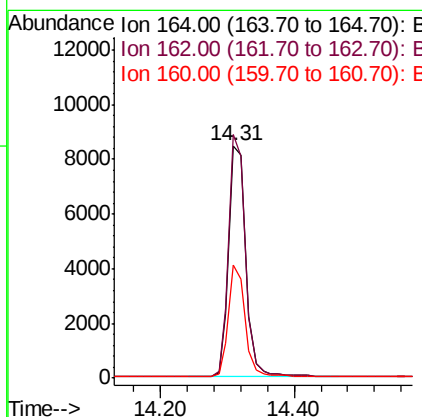
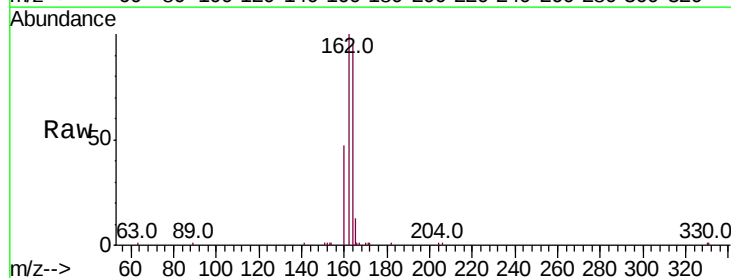
Instrument :
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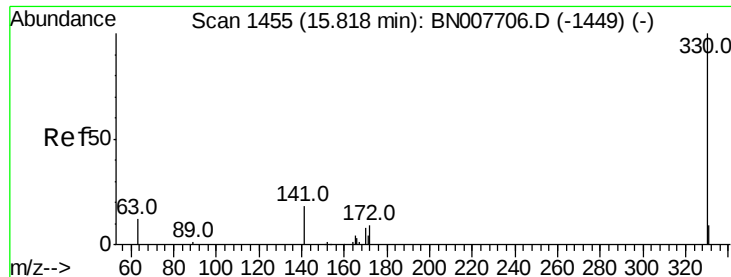
Tot Ion:152 Resp: 13863
Ion Ratio Lower Upper
152 100
151 18.9 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN007787.D
Acq: 21 Sep 2019 06:05

Tgt Ion:164 Resp: 14937
Ion Ratio Lower Upper
164 100
162 104.7 81.7 122.5
160 48.8 37.0 55.4

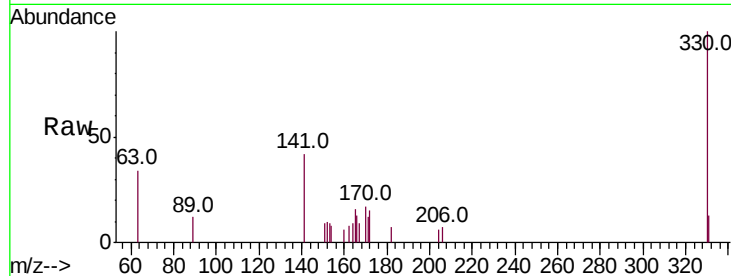




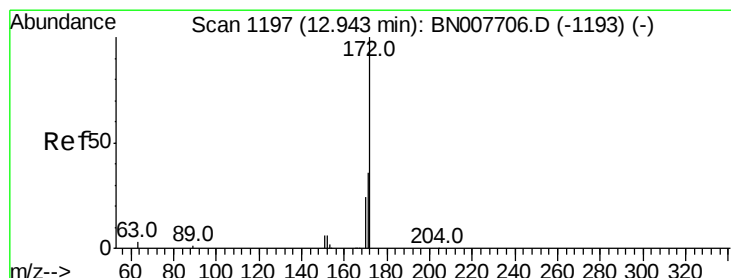
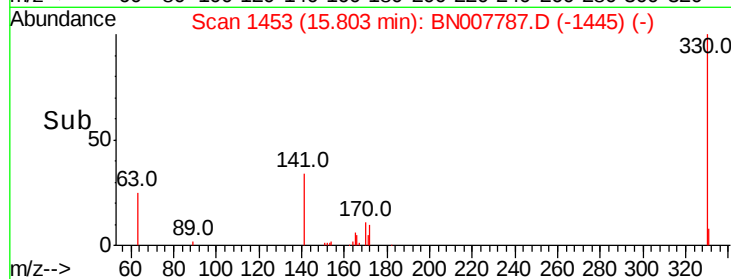
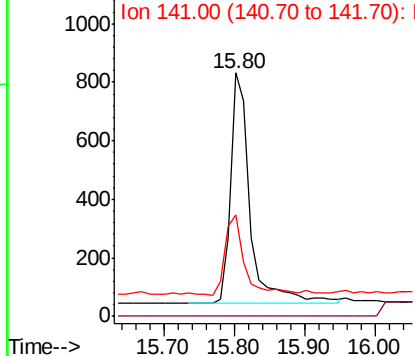
#14
 2,4,6-Tribromophenol
 Concen: 0.189 ng
 RT: 15.80 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: BN007787.D
 Acq: 21 Sep 2019 06:05

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20190916

Tot Ion:330 Resp: 1540
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 33.4 28.7 43.1

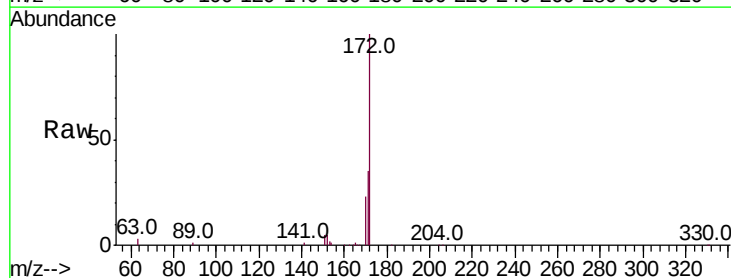


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

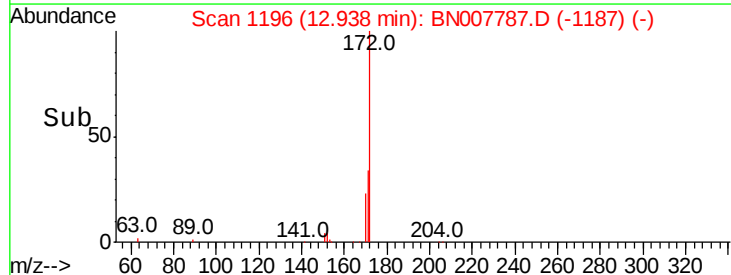
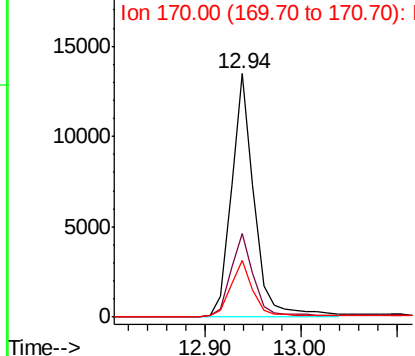


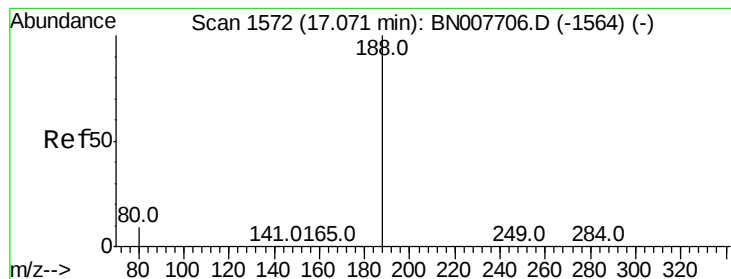
#15
 2-Fluorobiphenyl
 Concen: 0.358 ng
 RT: 12.94 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BN007787.D
 Acq: 21 Sep 2019 06:05

Tgt Ion:172 Resp: 22046
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.8 43.2
 170 23.2 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# 1570

Delta R.T. -0.01 min

Lab File: BN007787.D

Acq: 21 Sep 2019 06:05

Instrument :

BNA_N

ClientSampleId :

RE132D4-20190916

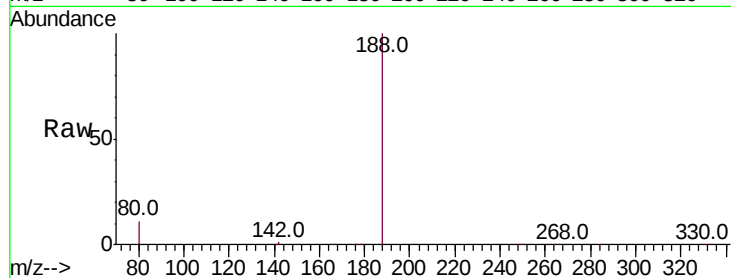
Tot Ion:188 Resp: 33065

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

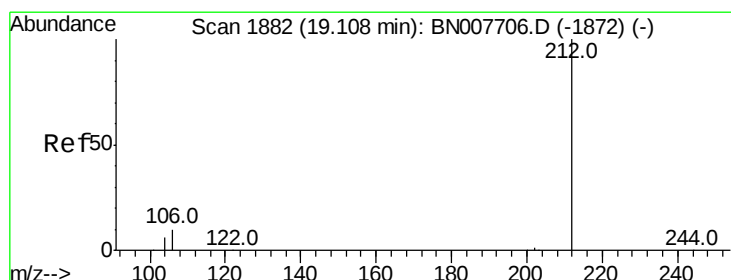
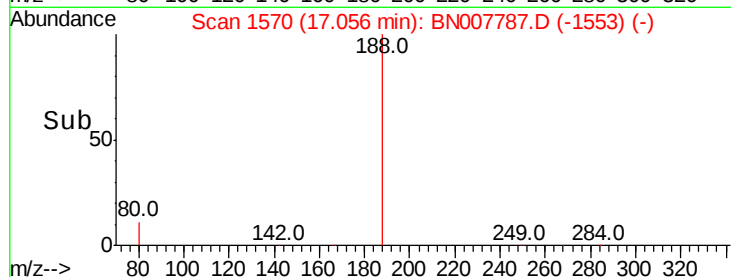
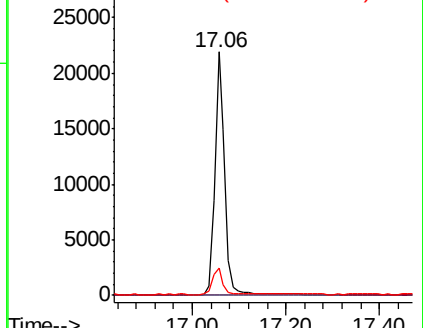
80 11.2 7.4 11.2#



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: 0.342 ng

RT: 19.09 min Scan# 1877

Delta R.T. -0.02 min

Lab File: BN007787.D

Acq: 21 Sep 2019 06:05

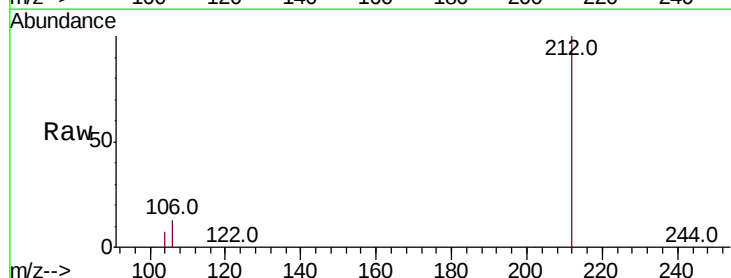
Tgt Ion:212 Resp: 38096

Ion Ratio Lower Upper

212 100

106 11.7 9.4 14.0

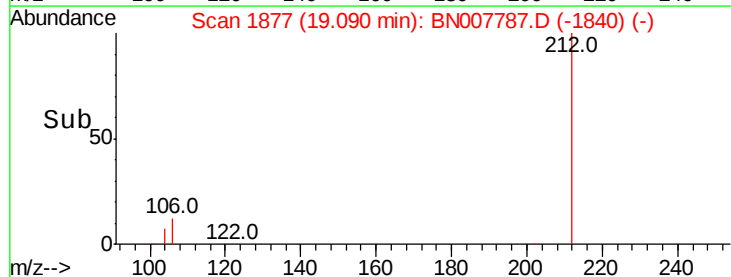
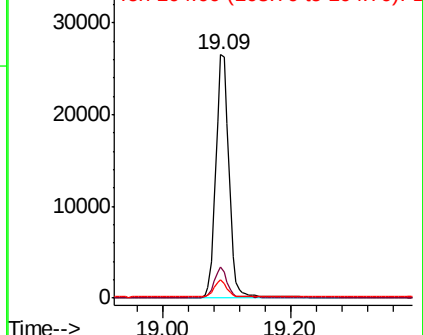
104 6.7 5.3 7.9

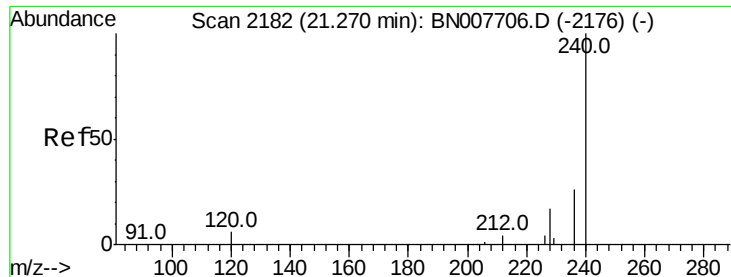


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.25 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BN007787.D

Acq: 21 Sep 2019 06:05

Instrument :

BNA_N

ClientSampleId :

RE132D4-20190916

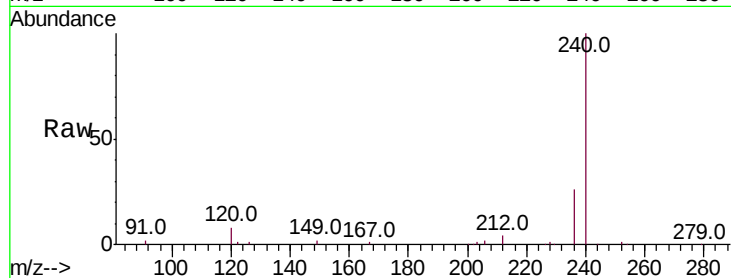
Tot Ion:240 Resp: 36112

Ion Ratio Lower Upper

240 100

120 7.7 5.4 8.2

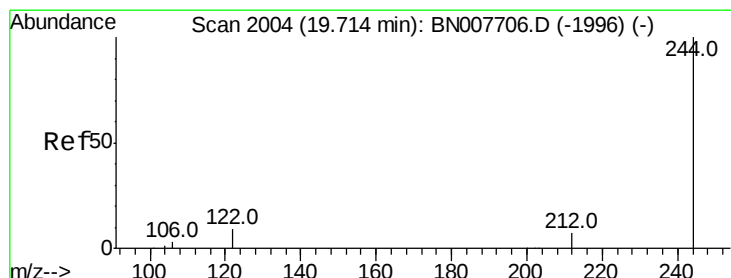
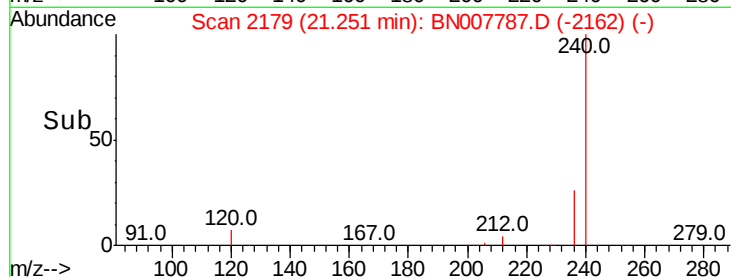
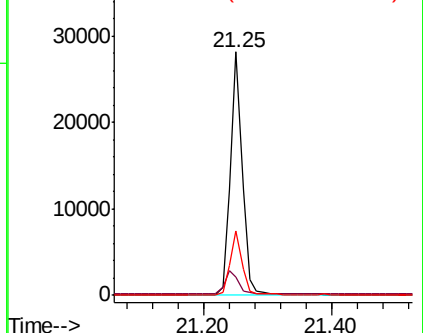
236 26.5 21.0 31.4



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



#29

Terphenyl-d14

Concen: 0.397 ng

RT: 19.70 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BN007787.D

Acq: 21 Sep 2019 06:05

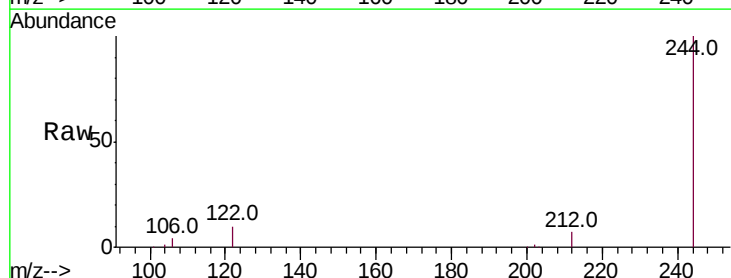
Tgt Ion:244 Resp: 35209

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

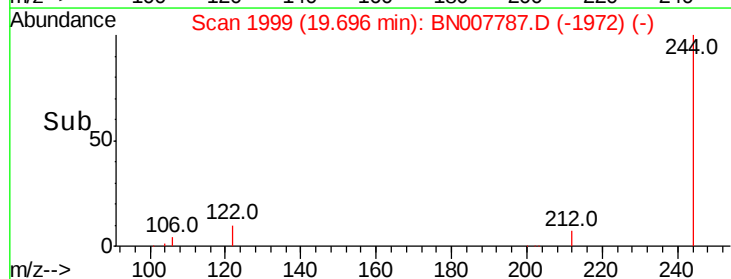
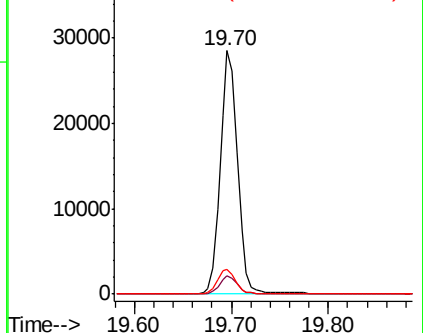
122 10.4 7.4 11.2

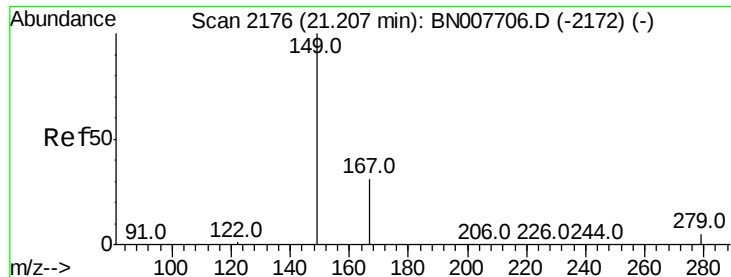


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.036 ng

RT: 21.19 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BN007787.D

Acq: 21 Sep 2019 06:05

Instrument :

BNA_N

ClientSampleId :

RE132D4-20190916

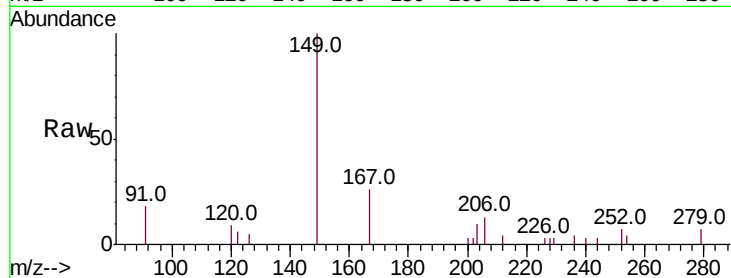
Tot Ion:149 Resp: 2469

Ion Ratio Lower Upper

149 100

167 25.5 23.7 35.5

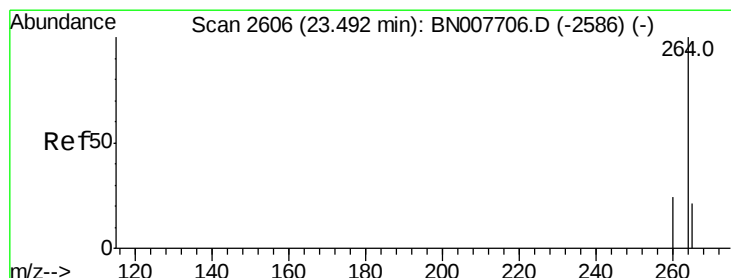
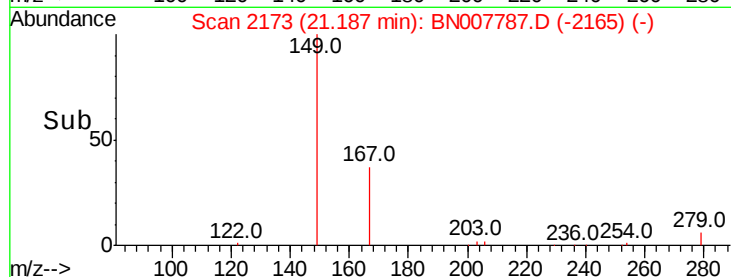
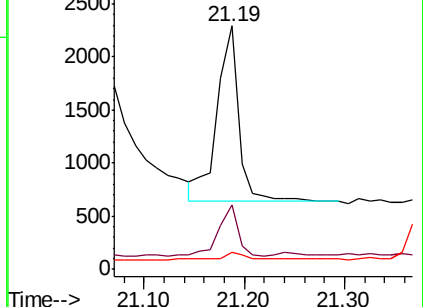
279 6.4 4.2 6.2#



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: 23.46 min Scan# 2596

Delta R.T. -0.03 min

Lab File: BN007787.D

Acq: 21 Sep 2019 06:05

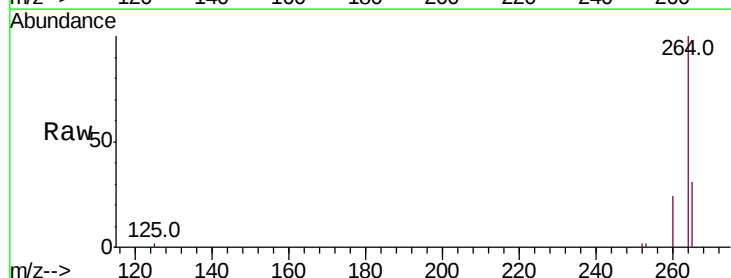
Tgt Ion:264 Resp: 39582

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 30.5 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

