

Data File : BN007892.D
Acq On : 30 Sep 2019 12:18
Operator : JU
Sample : PB123468BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB123468BL

Quant Time: Oct 01 06:46:41 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

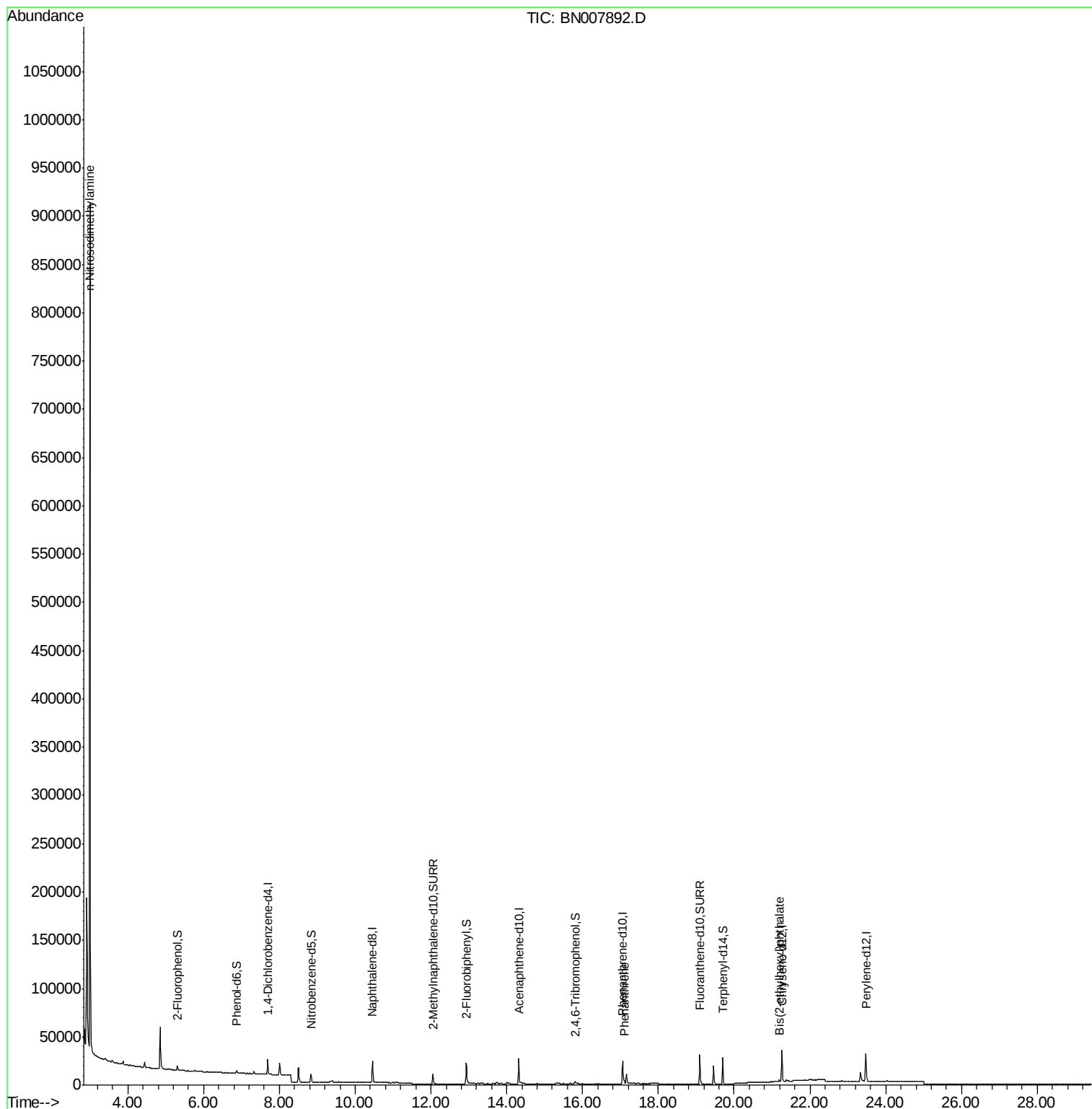
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	7605	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	29122	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	16629	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	32470	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	31390	0.40	ng	-0.01
34) Perylene-d12	23.47	264	37786	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	3885	0.15	ng	0.00
5) Phenol-d6	6.87	99	2883	0.08	ng	0.00
8) Nitrobenzene-d5	8.83	82	8878	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	16304	0.33	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	2127	0.23	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	23025	0.34	ng	-0.01
25) Fluoranthene-d10	19.09	212	36462	0.33	ng	-0.01
29) Terphenyl-d14	19.70	244	29859	0.39	ng	-0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.00	42	62607	16.126	ng	Qvalue # 70
23) Phenanthrene	17.10	178	2966	0.029	ng	98
32) Bis(2-ethylhexyl)phthalate	21.19	149	1771	0.030	ng	95

(#) = 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

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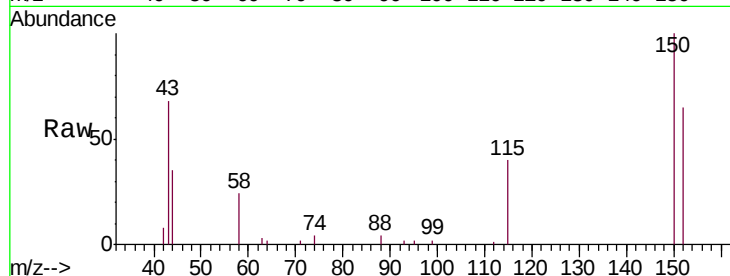
Tgt Ion:152 Resp: 7605

Ion Ratio Lower Upper

152 100

150 153.8 125.6 188.4

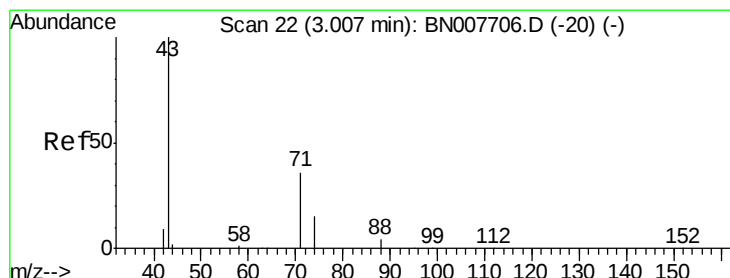
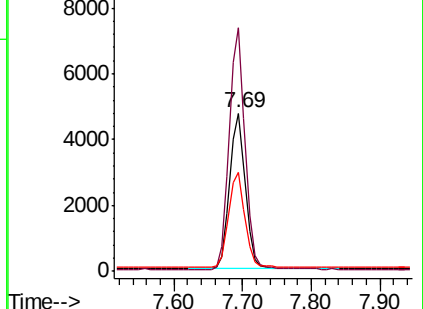
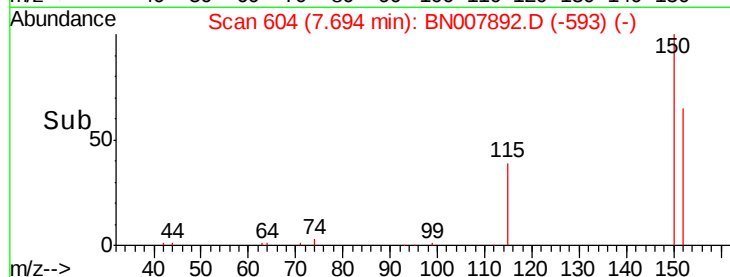
115 62.3 53.3 79.9



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



#3

n-Nitrosodimethylamine

Concen: 16.126 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

Lab File: BN007892.D

Acq: 30 Sep 2019 12:18

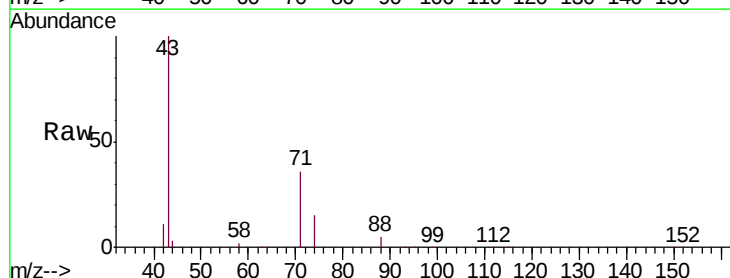
Tgt Ion: 42 Resp: 62607

Ion Ratio Lower Upper

42 100

74 145.4 87.9 131.9#

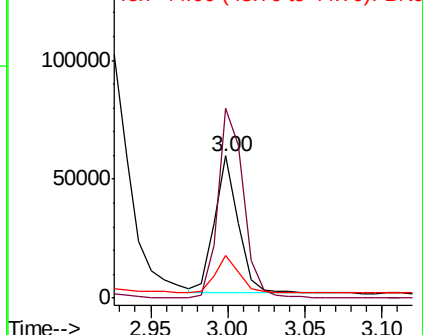
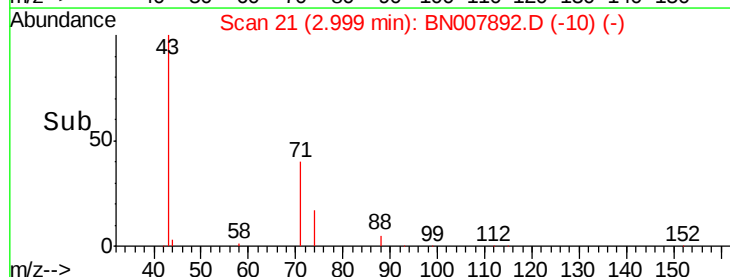
44 26.5 29.4 44.0#

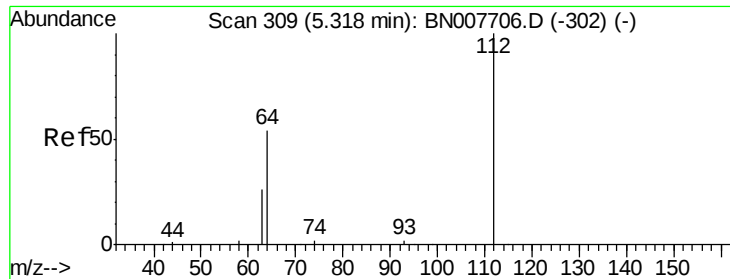


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.148 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

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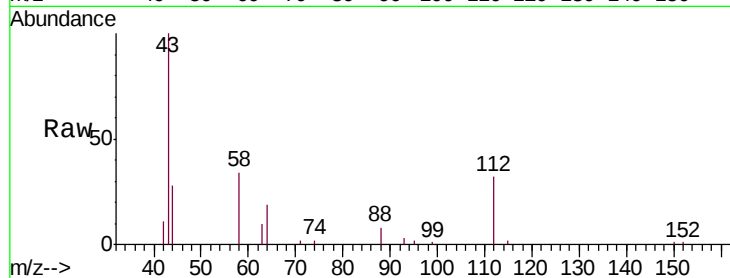
Tgt Ion: 112 Resp: 3885

Ion Ratio Lower Upper

112 100

64 60.6 46.6 70.0

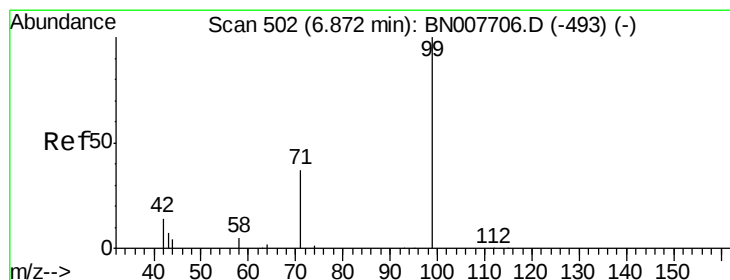
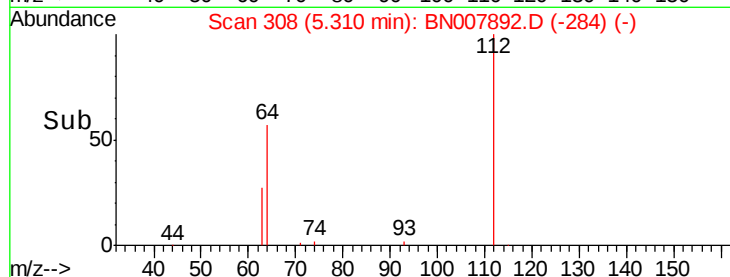
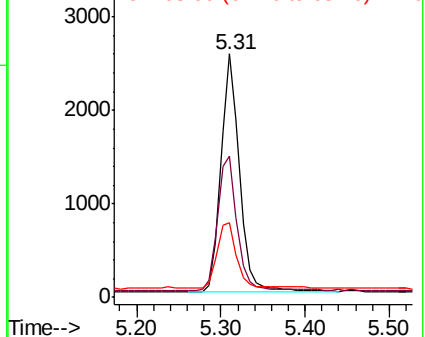
63 28.8 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.083 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007892.D

Acq: 30 Sep 2019 12:18

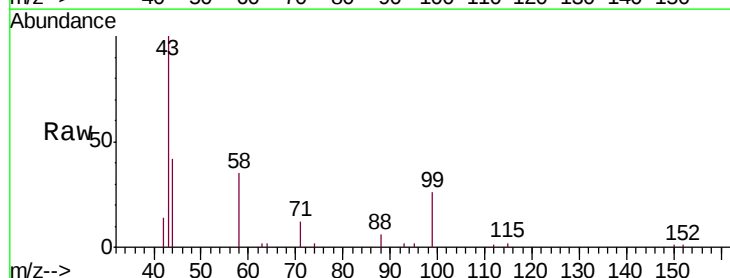
Tgt Ion: 99 Resp: 2883

Ion Ratio Lower Upper

99 100

42 13.5 12.8 19.2

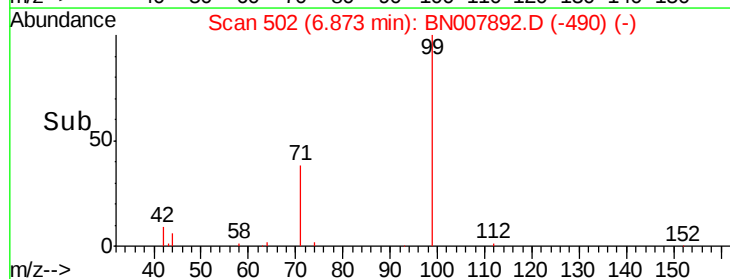
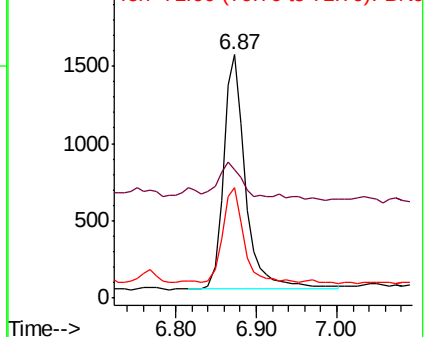
71 39.0 27.6 41.4



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: BN007892.D

Acq: 30 Sep 2019 12:18

Instrument :

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ClientSampleId :

PB123468BL

Tgt Ion:136 Resp: 29122

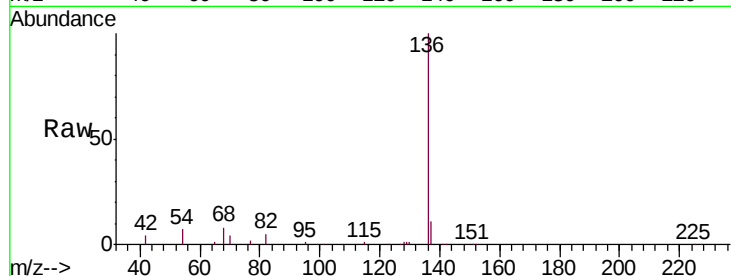
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 7.4 5.8 8.8

68 7.7 6.5 9.7

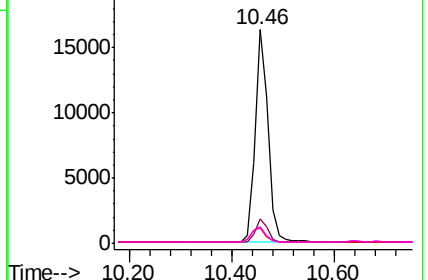
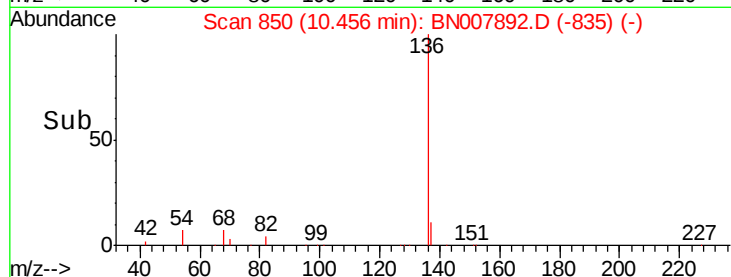


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.349 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007892.D

Acq: 30 Sep 2019 12:18

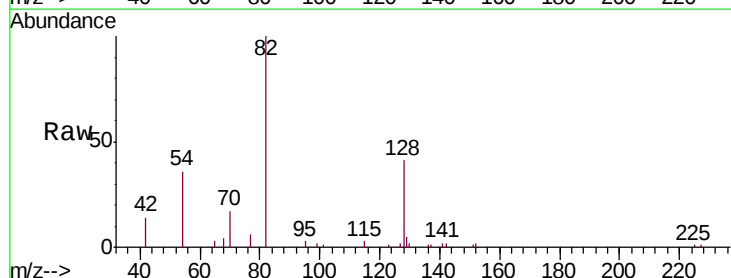
Tgt Ion: 82 Resp: 8878

Ion Ratio Lower Upper

82 100

128 41.2 24.5 36.7#

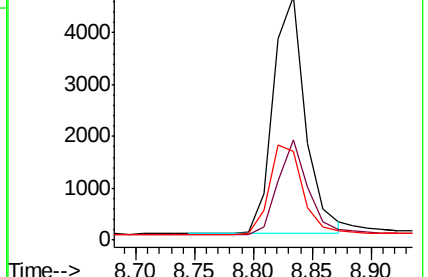
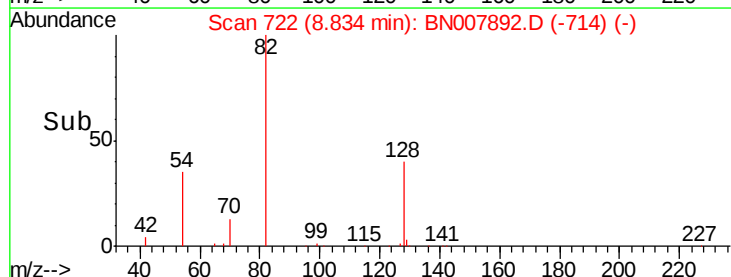
54 36.2 35.2 52.8



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

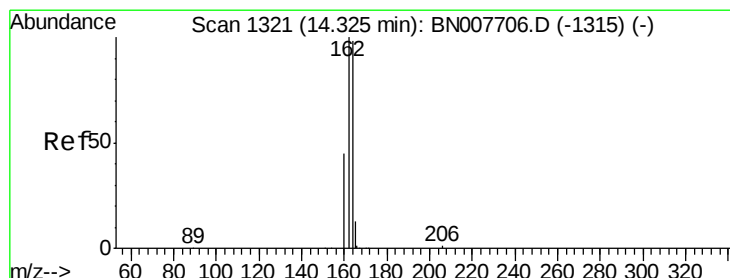
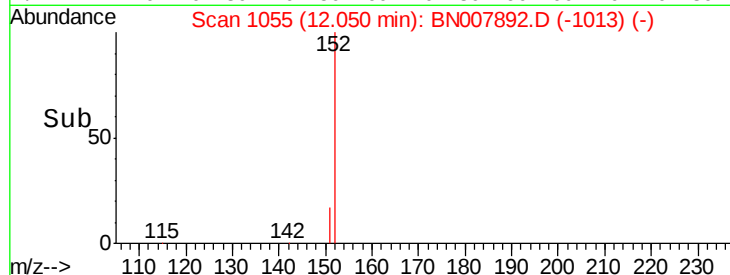
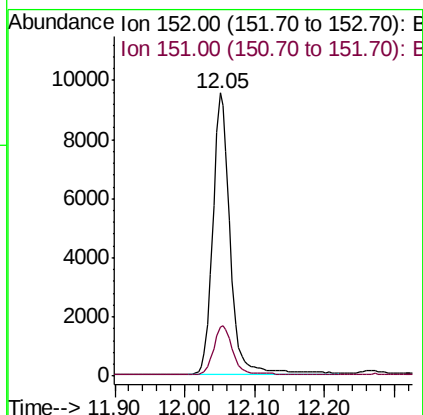
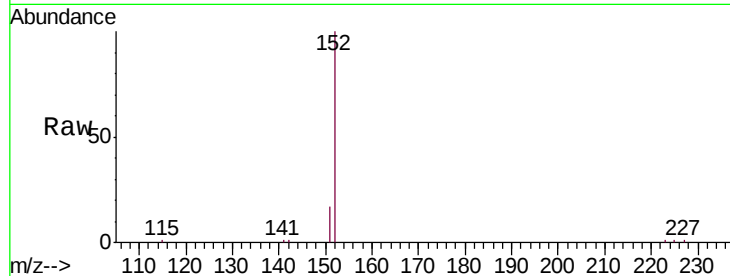




#11
 2-Methylnaphthalene-d10
 Concen: 0.332 ng
 RT: 12.05 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BN007892.D
 Acq: 30 Sep 2019 12:18

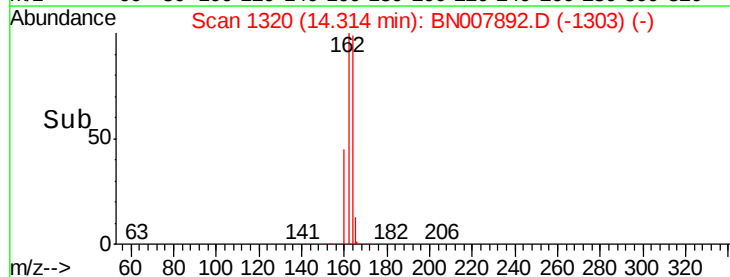
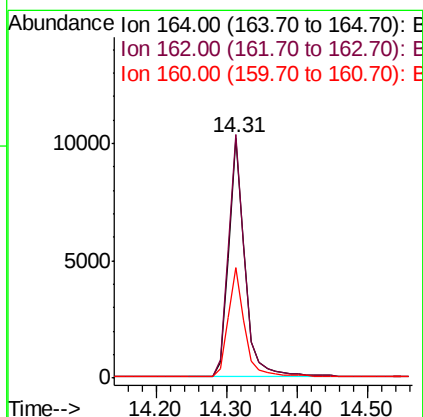
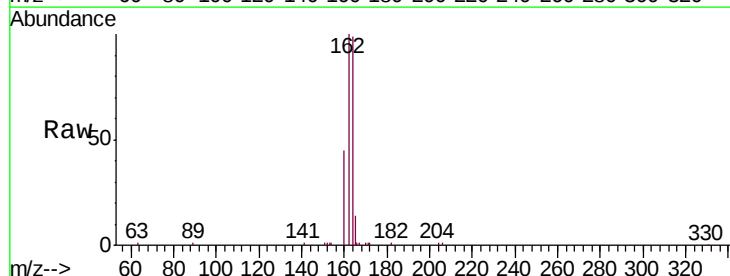
Instrument :
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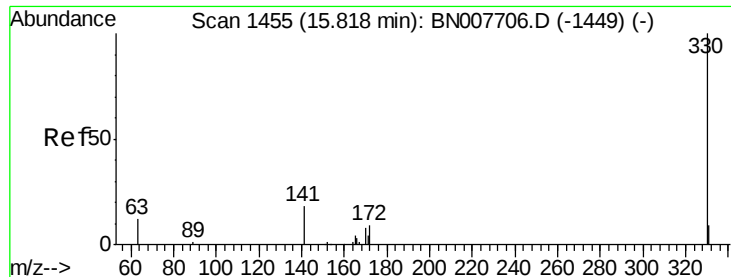
Tgt Ion:152 Resp: 16304
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.2



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.31 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BN007892.D
 Acq: 30 Sep 2019 12:18

Tgt Ion:164 Resp: 16629
 Ion Ratio Lower Upper
 164 100
 162 101.4 81.7 122.5
 160 46.0 37.0 55.4

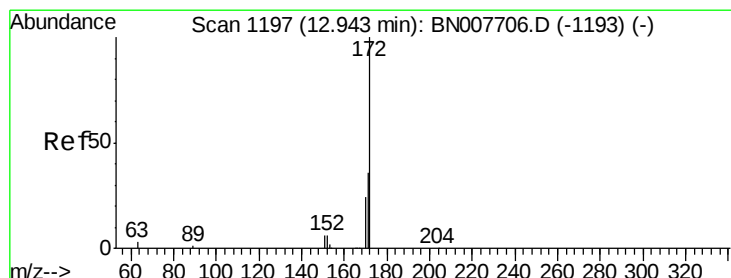
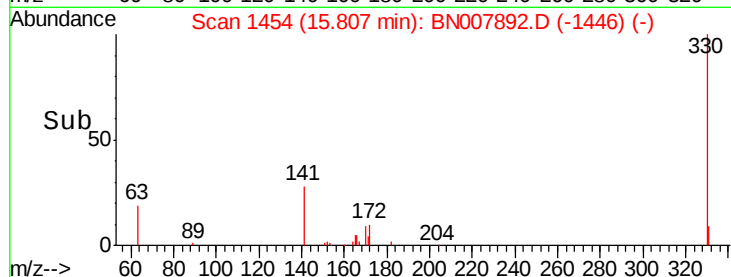
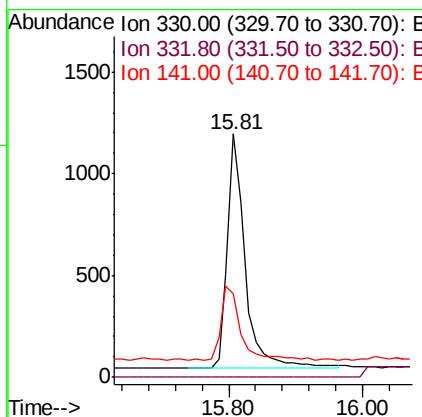
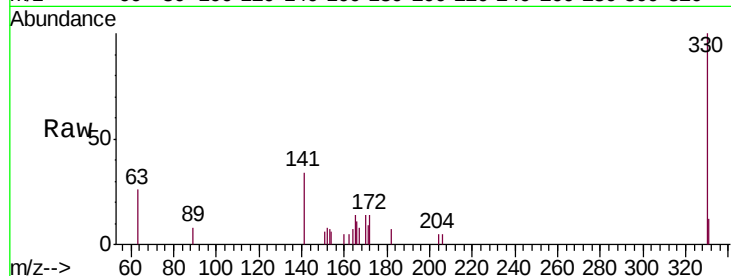




#14
 2,4,6-Tribromophenol
 Concen: 0.235 ng
 RT: 15.81 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BN007892.D
 Acq: 30 Sep 2019 12:18

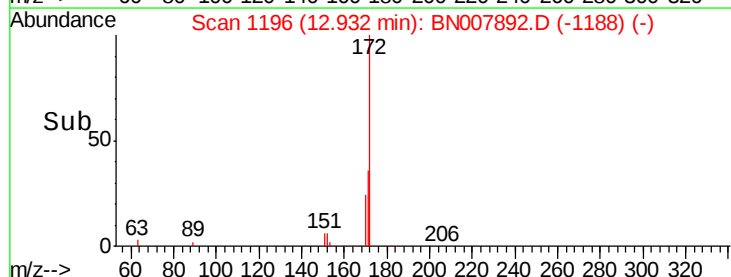
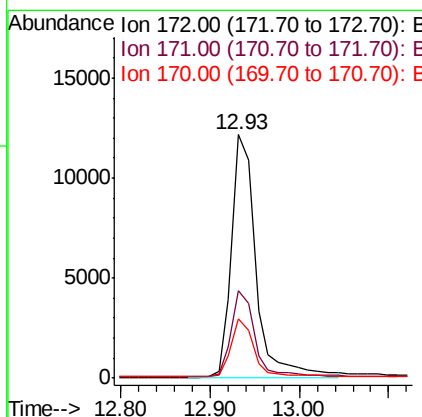
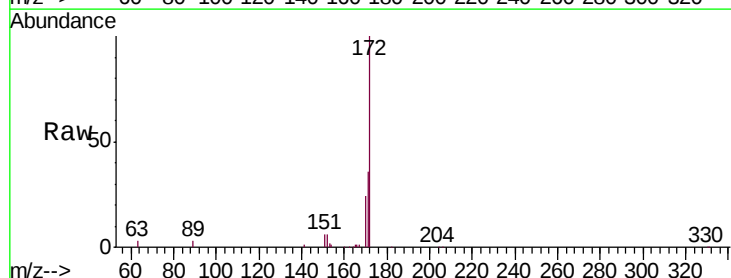
Instrument :
 BNA_N
 ClientSampleId :
 PB123468BL

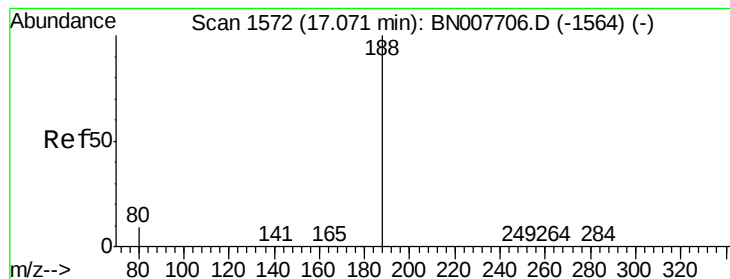
Tgt Ion: 330 Resp: 2127
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.2 28.7 43.1



#15
 2-Fluorobiphenyl
 Concen: 0.336 ng
 RT: 12.93 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BN007892.D
 Acq: 30 Sep 2019 12:18

Tgt Ion: 172 Resp: 23025
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.8 43.2
 170 24.1 19.5 29.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007892.D

Acq: 30 Sep 2019 12:18

Instrument :

BNA_N

ClientSampleId :

PB123468BL

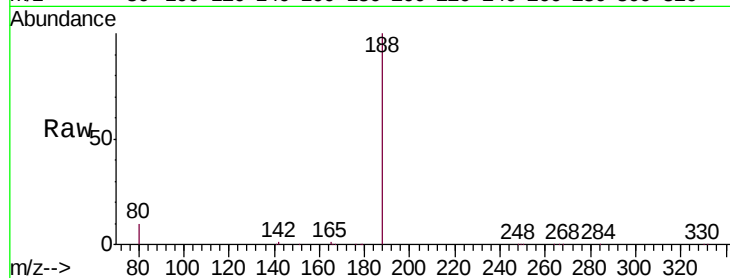
Tgt Ion:188 Resp: 32470

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

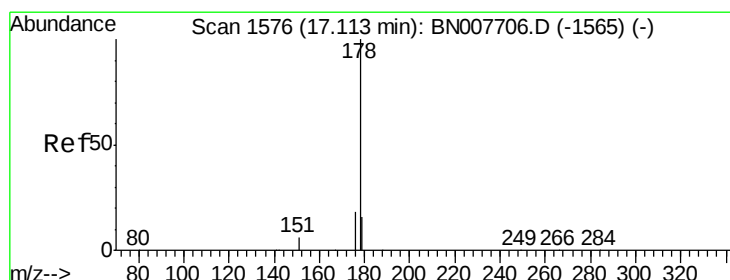
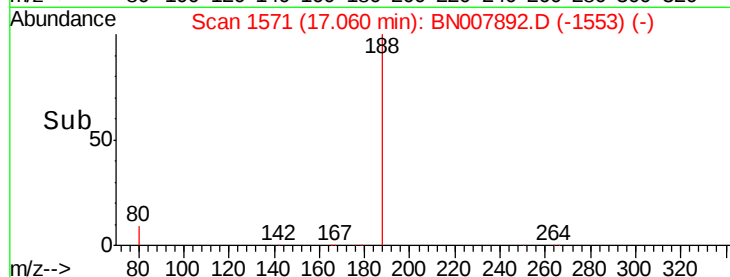
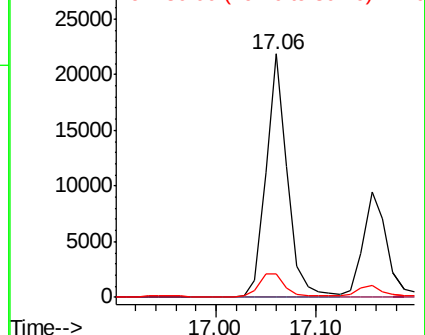
80 9.8 7.4 11.2



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



#23

Phenanthrene

Concen: 0.029 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007892.D

Acq: 30 Sep 2019 12:18

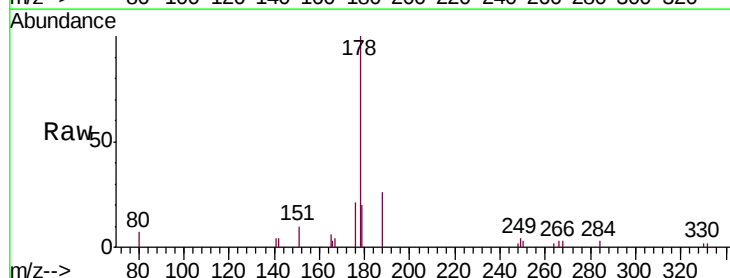
Tgt Ion:178 Resp: 2966

Ion Ratio Lower Upper

178 100

176 18.1 14.9 22.3

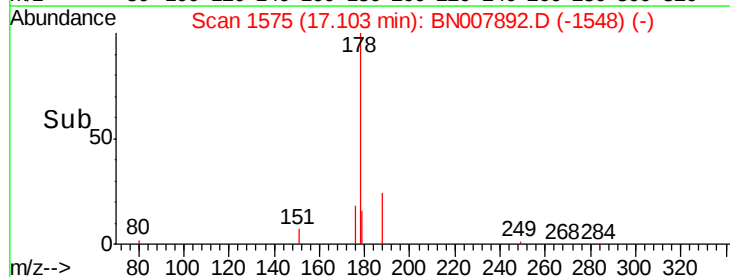
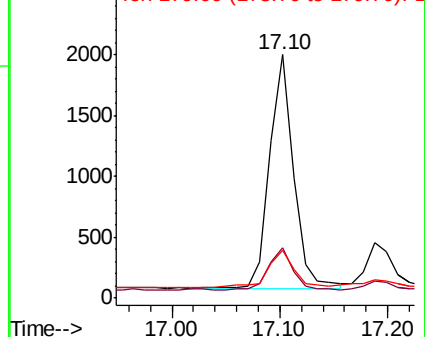
179 17.3 12.5 18.7

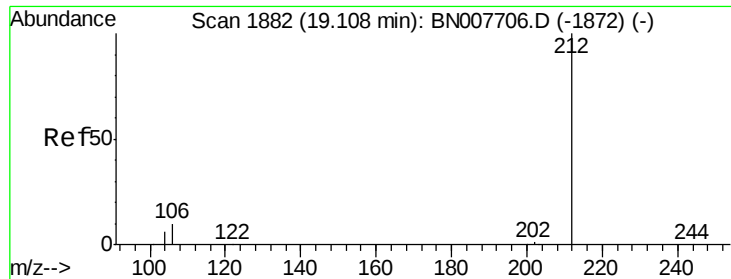


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

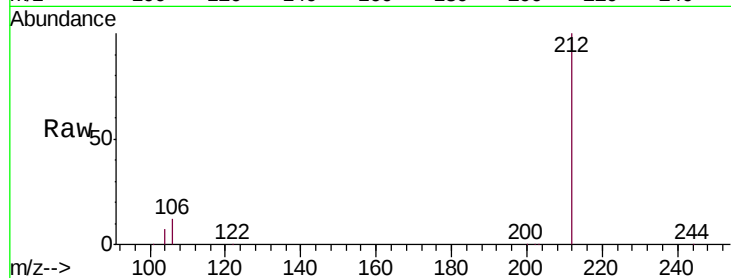




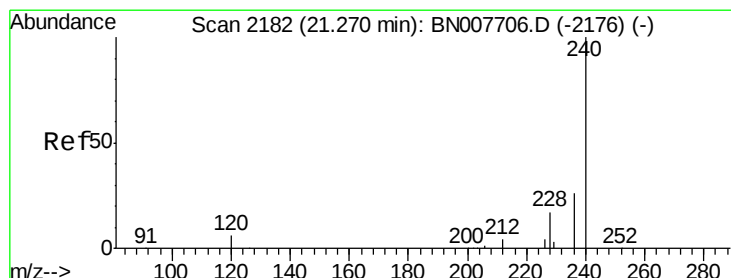
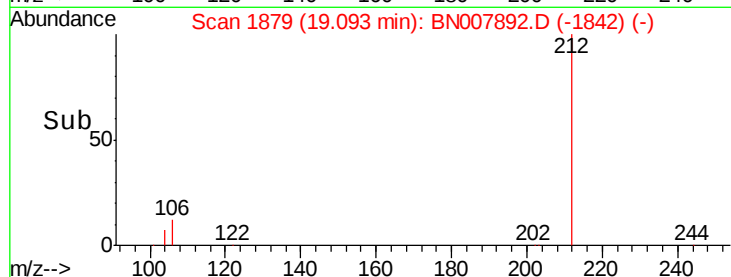
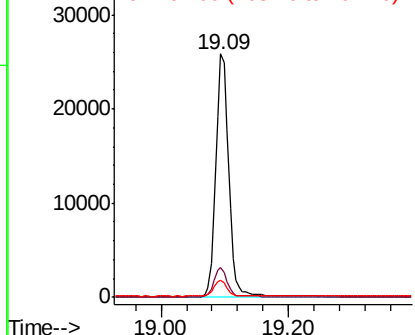
#25
 Fluoranthene-d10
 Concen: 0.333 ng
 RT: 19.09 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BN007892.D
 Acq: 30 Sep 2019 12:18

Instrument :
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 ClientSampleId :
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Tgt Ion:212 Resp: 36462
 Ion Ratio Lower Upper
 212 100
 106 11.6 9.4 14.0
 104 6.5 5.3 7.9

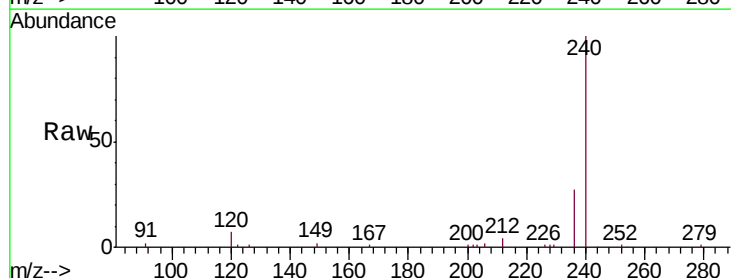


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

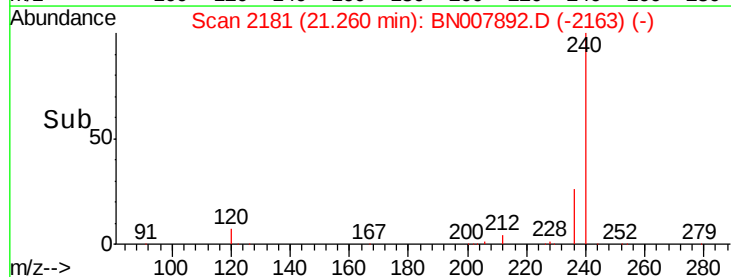
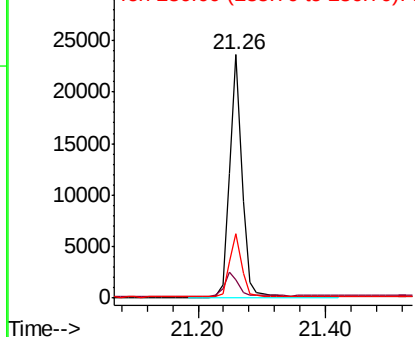


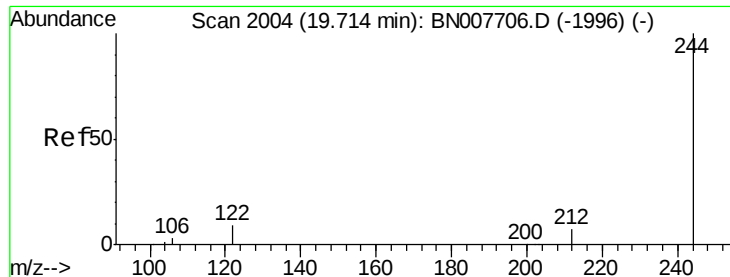
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.26 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN007892.D
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Tgt Ion:240 Resp: 31390
 Ion Ratio Lower Upper
 240 100
 120 7.5 5.4 8.2
 236 26.5 21.0 31.4



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: 0.387 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007892.D

Acq: 30 Sep 2019 12:18

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BNA_N

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PB123468BL

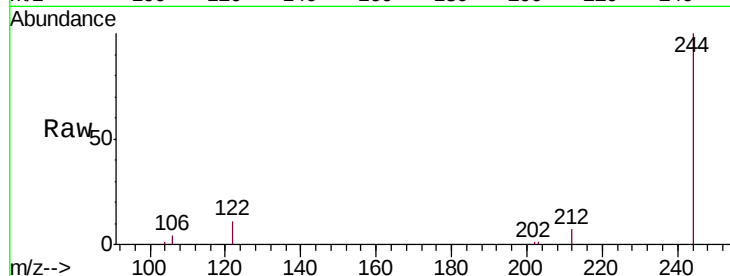
Tgt Ion:244 Resp: 29859

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

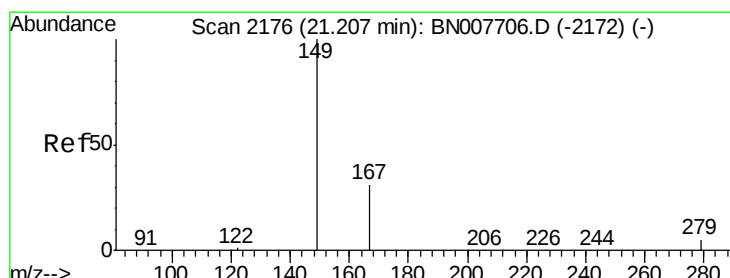
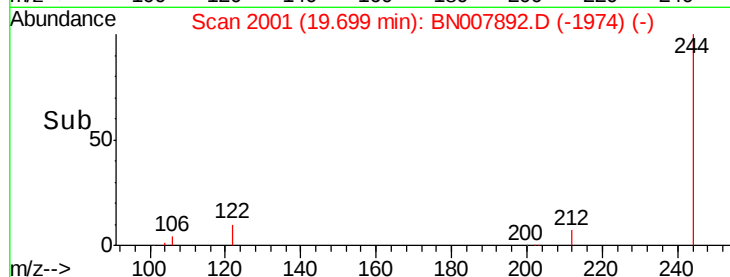
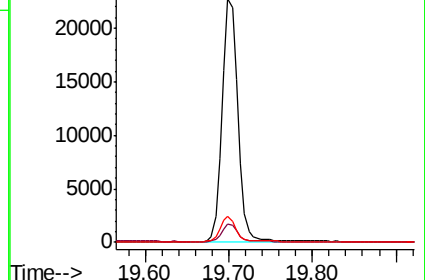
122 10.6 7.4 11.2



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.030 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007892.D

Acq: 30 Sep 2019 12:18

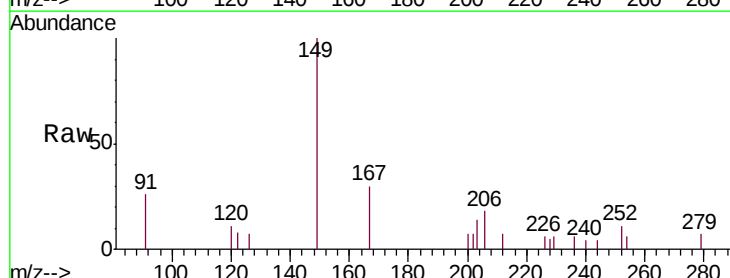
Tgt Ion:149 Resp: 1771

Ion Ratio Lower Upper

149 100

167 26.9 23.7 35.5

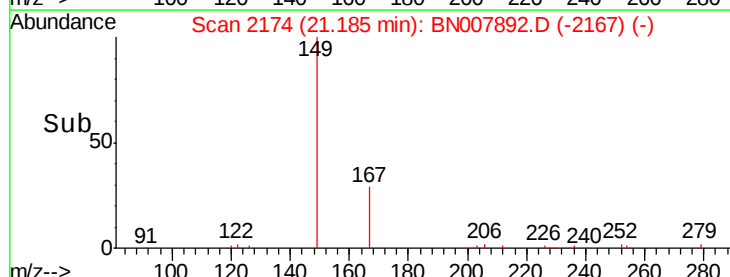
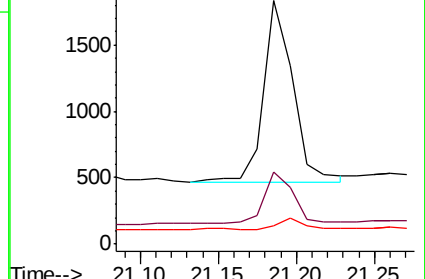
279 6.1 4.2 6.2

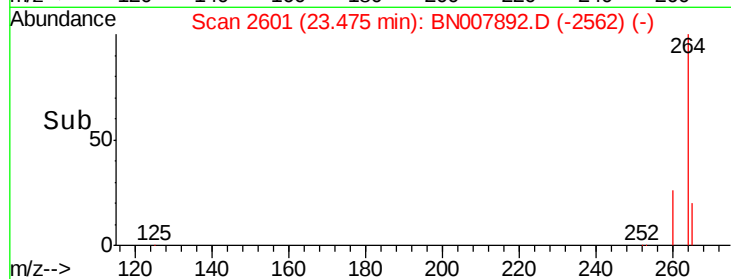
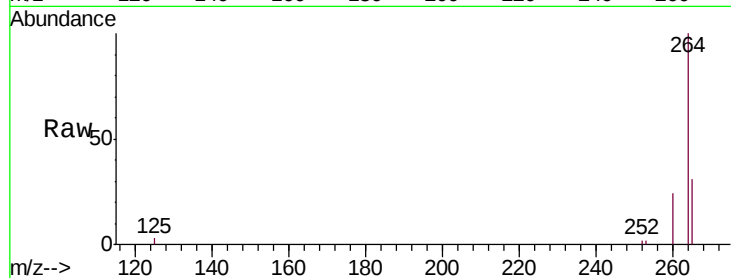
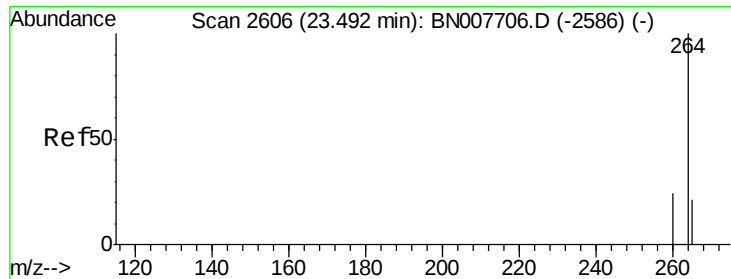


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2601

Delta R.T. -0.02 min

Lab File: BN007892.D

Acq: 30 Sep 2019 12:18

Instrument :

BNA_N

ClientSampleId :

PB123468BL

Tgt Ion:264 Resp: 37786

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 31.3 26.9 40.3

