

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
 Data File : BN007714.D
 Acq On : 18 Sep 2019 20:17
 Operator : HP/JU
 Sample : K4883-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 07:25:39 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

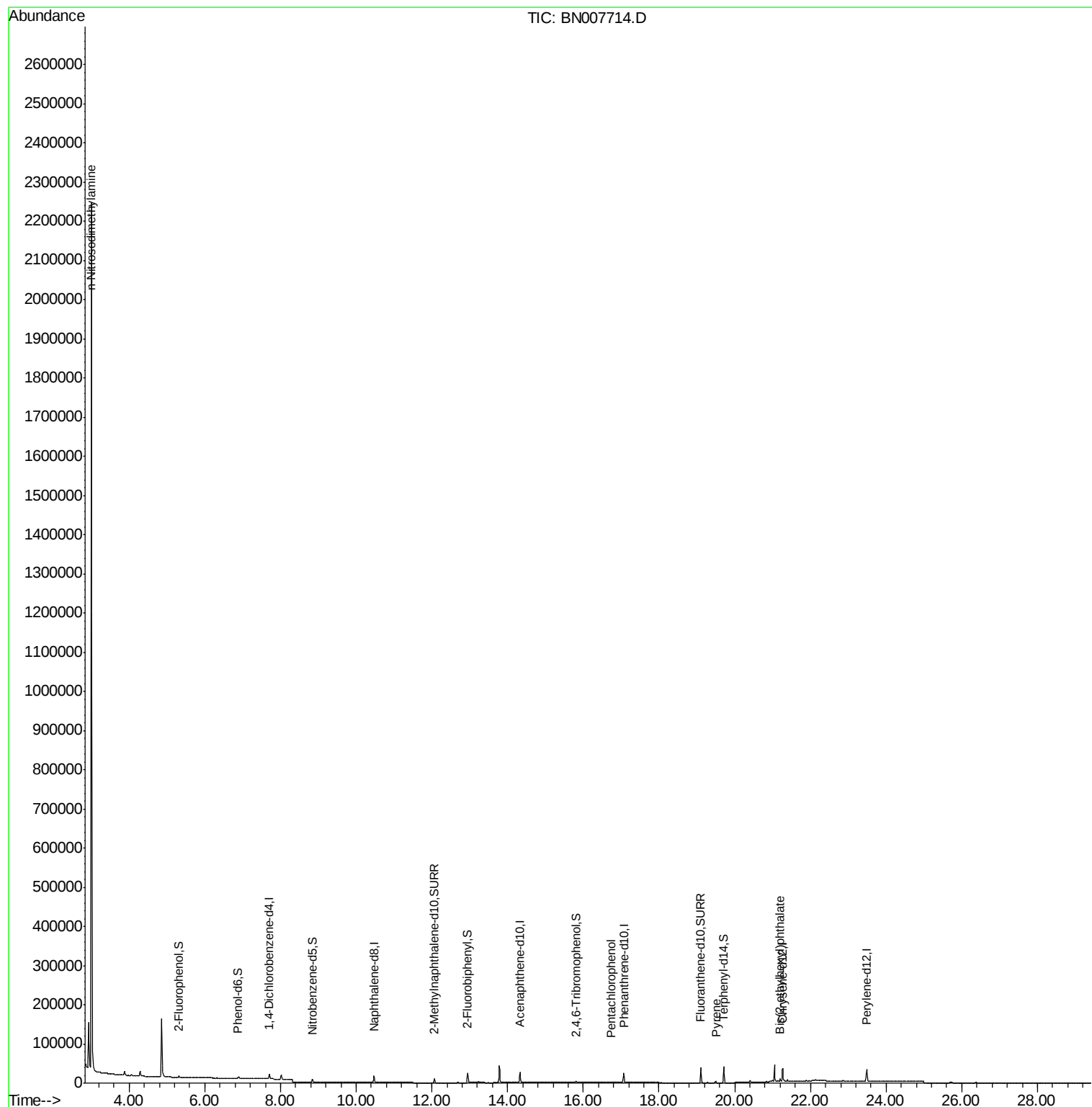
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	5586	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	22008	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	15028	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	31980	0.40	ng	0.00
27) Chrysene-d12	21.27	240	35088	0.40	ng	0.00
34) Perylene-d12	23.48	264	39035	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	2812	0.15	ng	0.00
5) Phenol-d6	6.87	99	2386	0.09	ng	0.00
8) Nitrobenzene-d5	8.83	82	7266	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	14661	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	2397	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	24226	0.39	ng	0.00
25) Fluoranthene-d10	19.10	212	46254	0.43	ng	0.00
29) Terphenyl-d14	19.71	244	42397	0.49	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.01	42	165371	57.990	ng	Qvalue # 67
22) Pentachlorophenol	16.73	266	210	0.027	ng	93
28) Pyrene	19.50	202	3068	0.026	ng	96
32) Bis(2-ethylhexyl)phthalate	21.20	149	7215	0.109	ng	95

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

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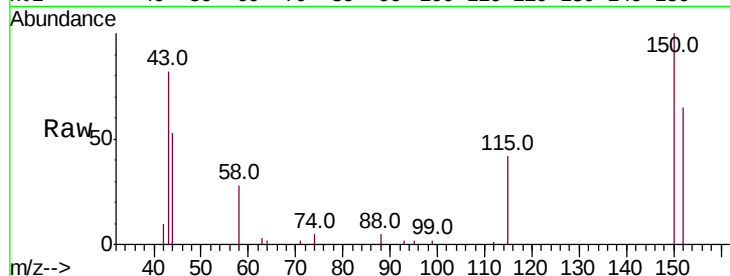


#1

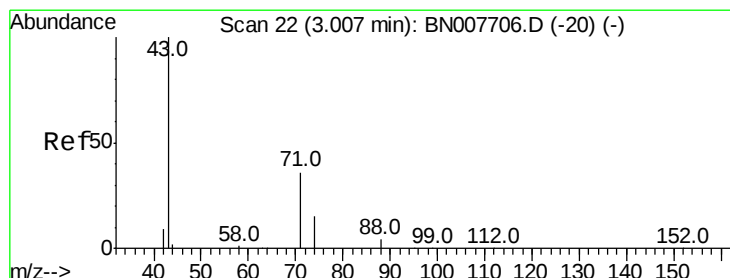
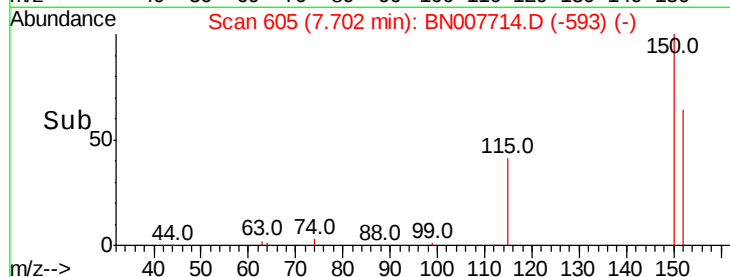
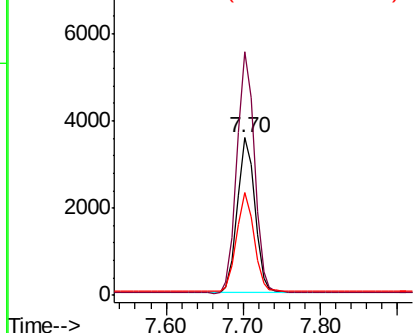
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. -0.00 min
Lab File: BN007714.D
Acq: 18 Sep 2019 20:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5586
Ion Ratio Lower Upper
152 100
150 154.6 125.6 188.4
115 65.7 53.3 79.9



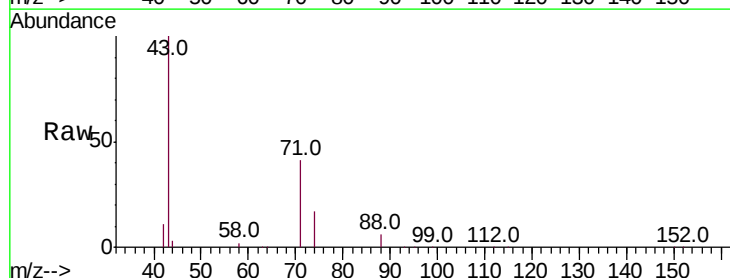
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



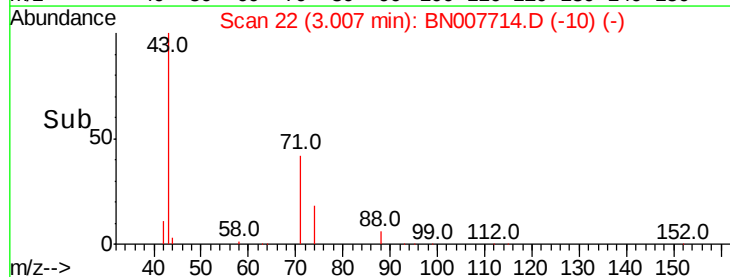
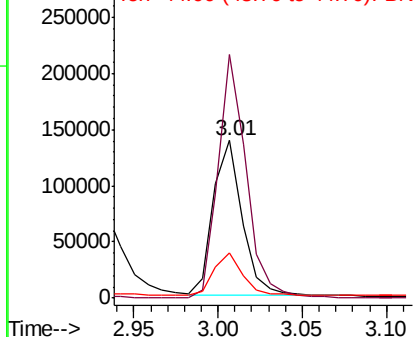
#3

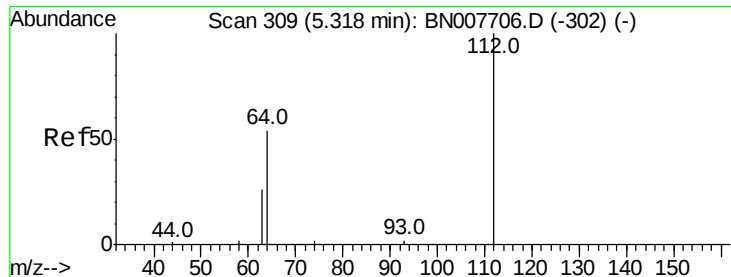
n-Nitrosodimethylamine
Concen: 57.990 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007714.D
Acq: 18 Sep 2019 20:17

Tgt Ion: 42 Resp: 165371
Ion Ratio Lower Upper
42 100
74 150.7 87.9 131.9#
44 26.8 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: 0.146 ng

RT: 5.32 min Scan# 309

Delta R.T. -0.00 min

Lab File: BN007714.D

Acq: 18 Sep 2019 20:17

Instrument :

BNA_N

ClientSampleId :

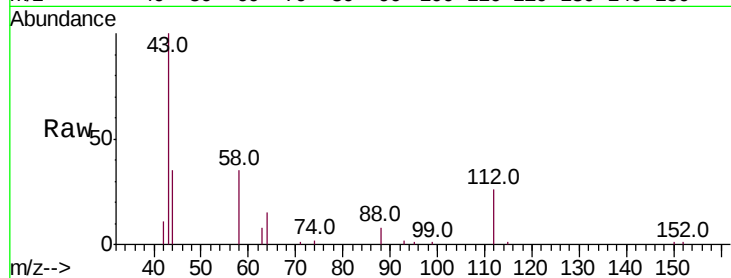
Tot Ion:112 Resp: 2812

Ion Ratio Lower Upper

112 100

64 59.9 46.6 70.0

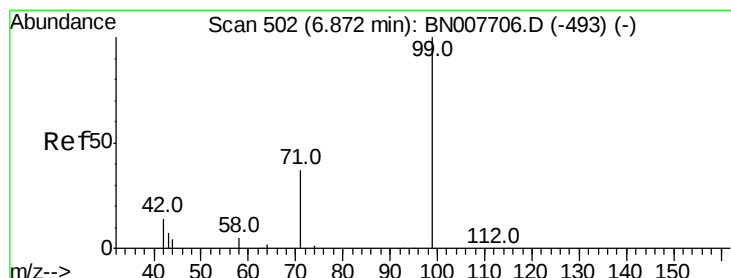
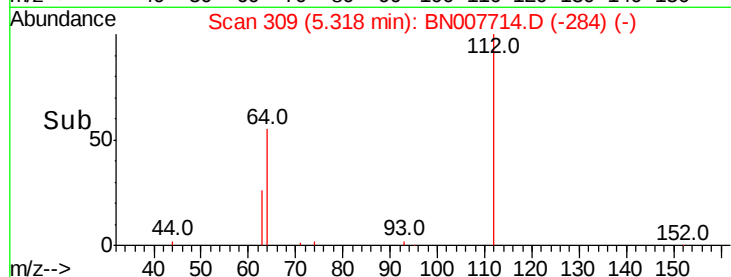
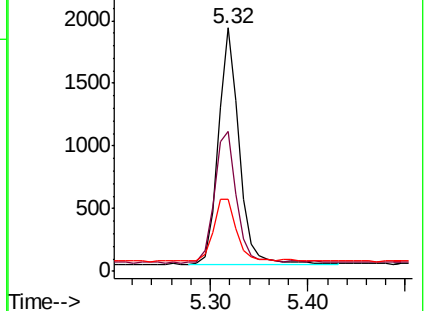
63 29.1 23.1 34.7



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: 0.095 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007714.D

Acq: 18 Sep 2019 20:17

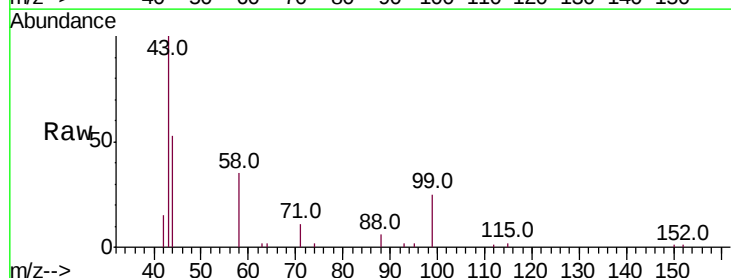
Tgt Ion: 99 Resp: 2386

Ion Ratio Lower Upper

99 100

42 23.4 12.8 19.2#

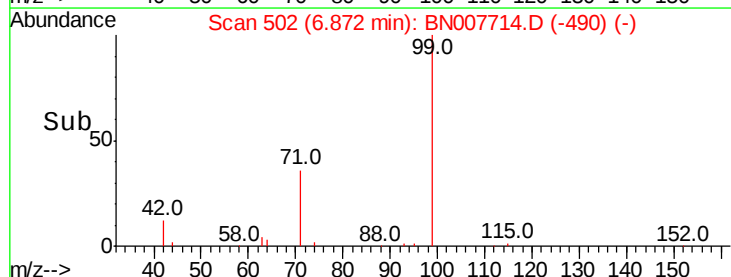
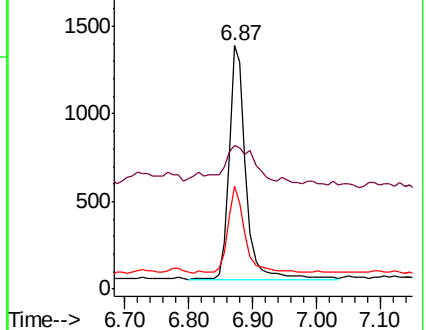
71 36.6 27.6 41.4

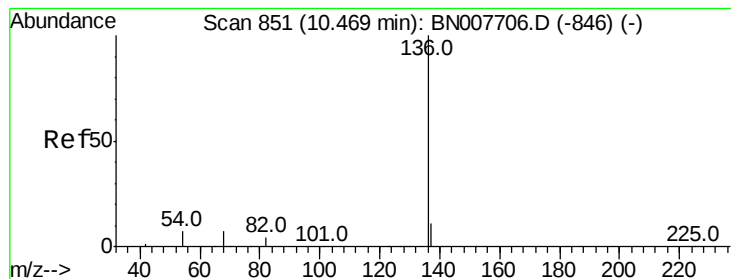


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.47 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN007714.D

Acq: 18 Sep 2019 20:17

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 22008

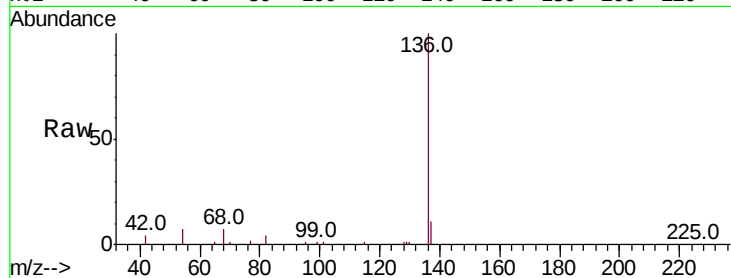
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 6.9 5.8 8.8

68 7.4 6.5 9.7

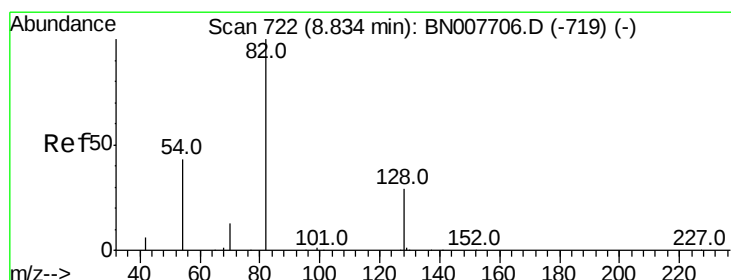
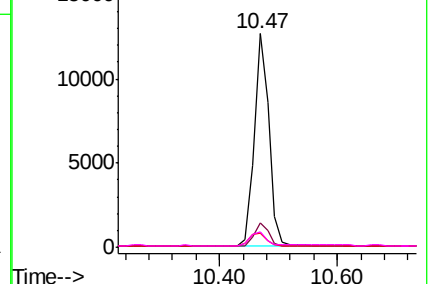
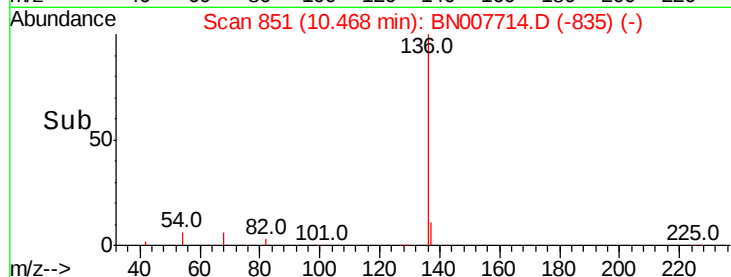


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.377 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007714.D

Acq: 18 Sep 2019 20:17

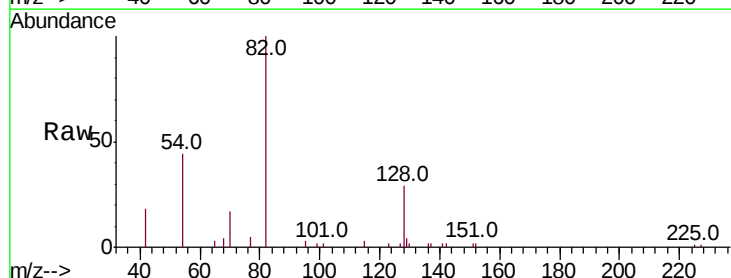
Tgt Ion: 82 Resp: 7266

Ion Ratio Lower Upper

82 100

128 28.9 24.5 36.7

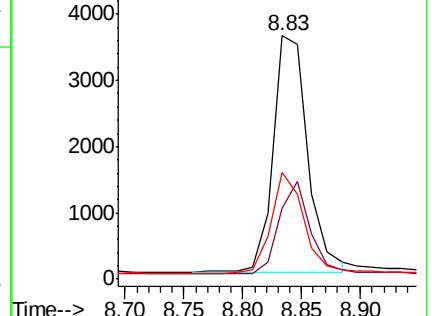
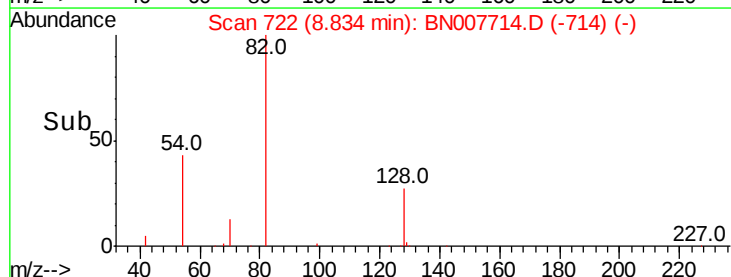
54 43.8 35.2 52.8

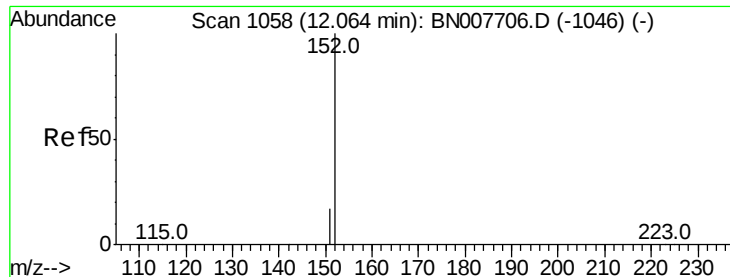


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

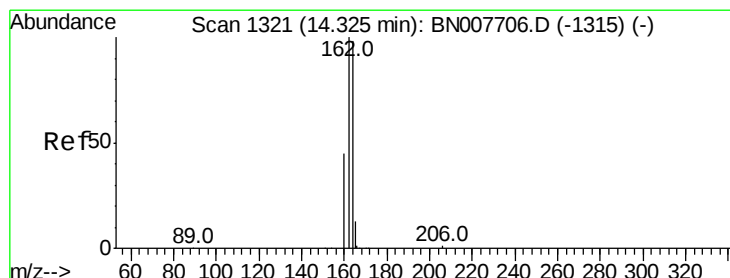
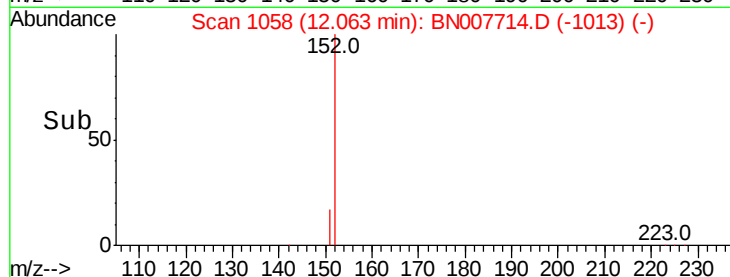
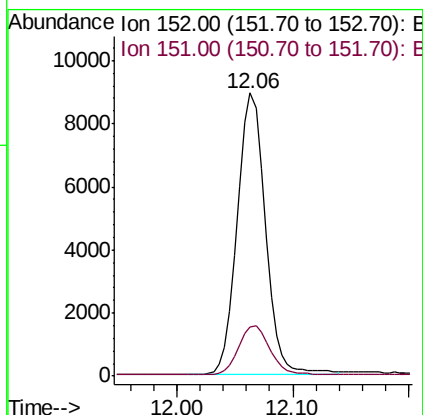
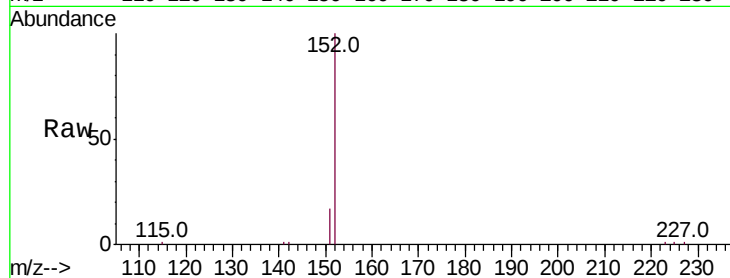




#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.06 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN007714.D
Acq: 18 Sep 2019 20:17

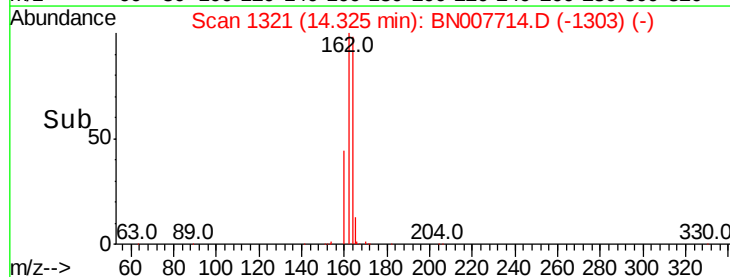
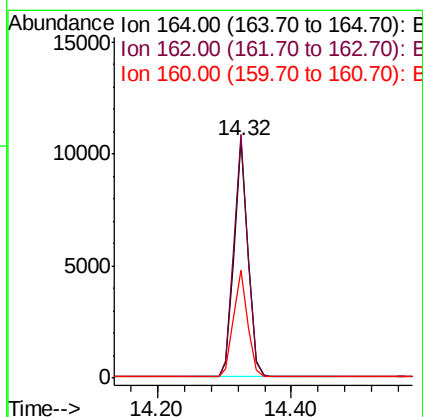
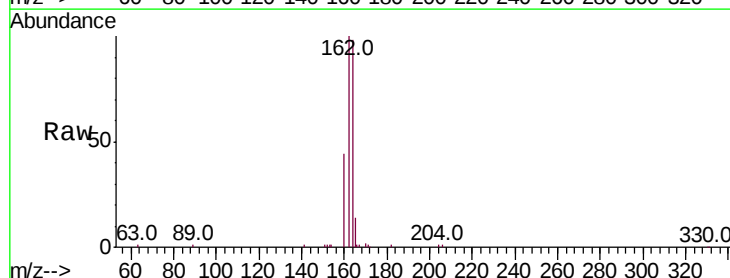
Instrument :
BNA_N
ClientSampleId :

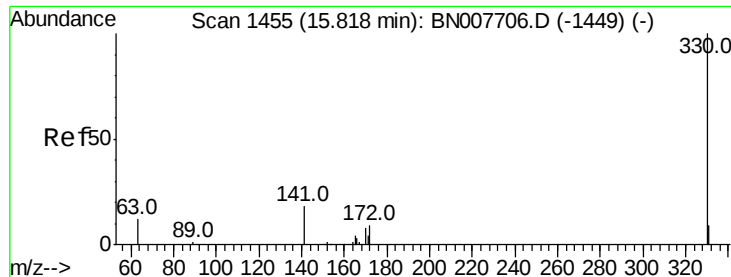
Tot Ion:152 Resp: 14661
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BN007714.D
Acq: 18 Sep 2019 20:17

Tgt Ion:164 Resp: 15028
Ion Ratio Lower Upper
164 100
162 102.2 81.7 122.5
160 45.4 37.0 55.4

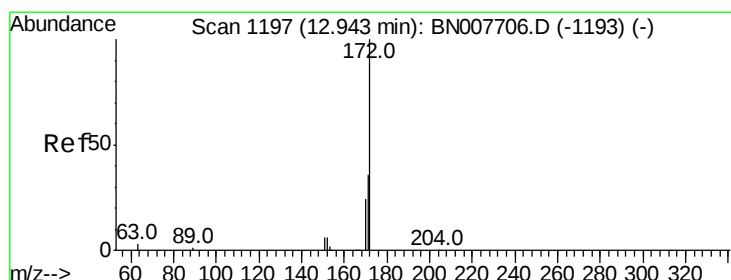
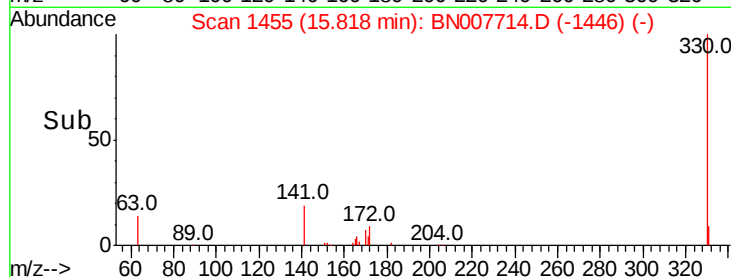
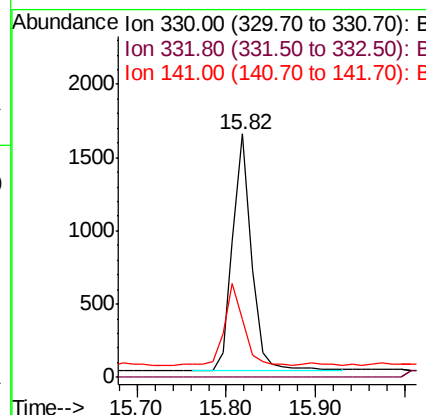
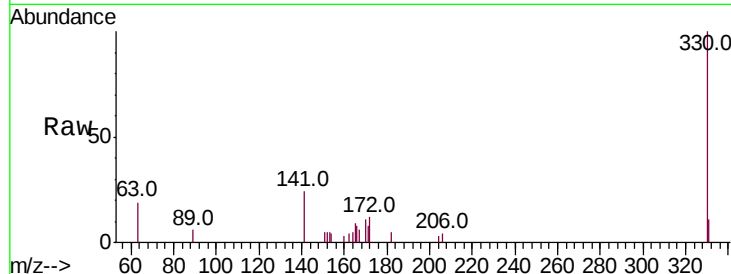




#14
 2,4,6-Tribromophenol
 Concen: 0.293 ng
 RT: 15.82 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BN007714.D
 Acq: 18 Sep 2019 20:17

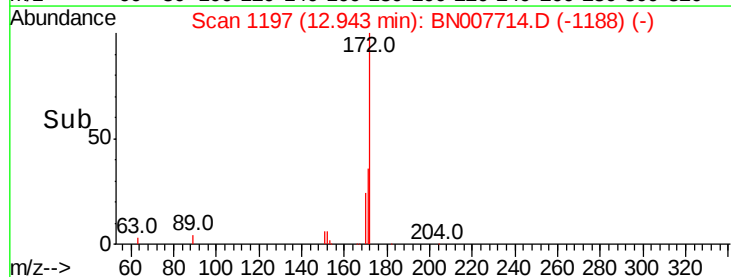
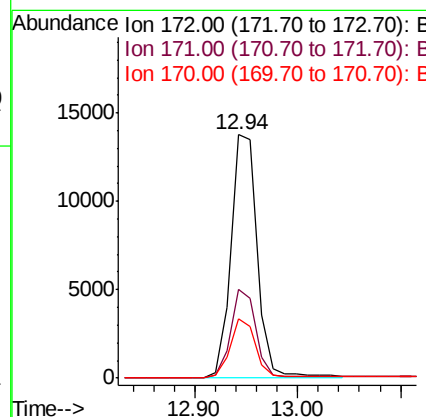
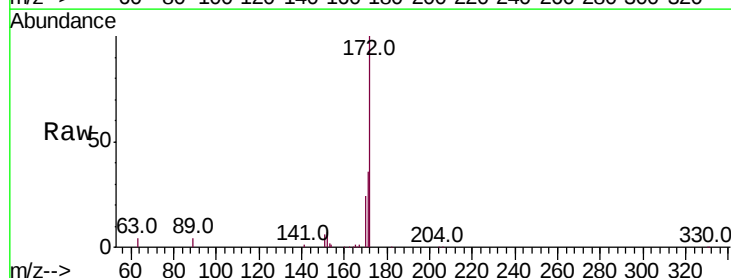
Instrument :
 BNA_N
 ClientSampleId :

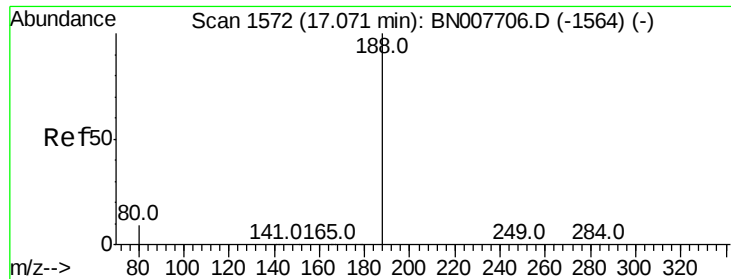
Tot Ion:330 Resp: 2397
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 34.9 28.7 43.1



#15
 2-Fluorobiphenyl
 Concen: 0.391 ng
 RT: 12.94 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BN007714.D
 Acq: 18 Sep 2019 20:17

Tgt Ion:172 Resp: 24226
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.8 43.2
 170 24.2 19.5 29.3

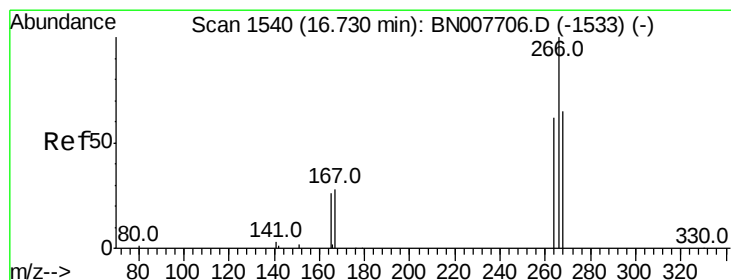
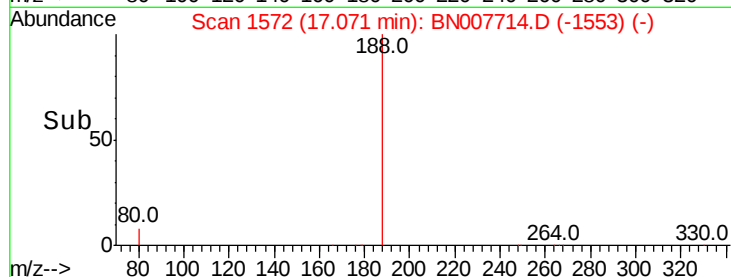
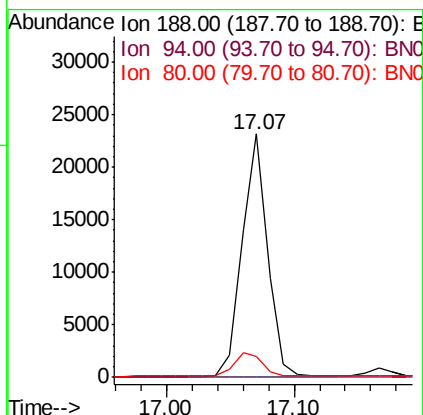
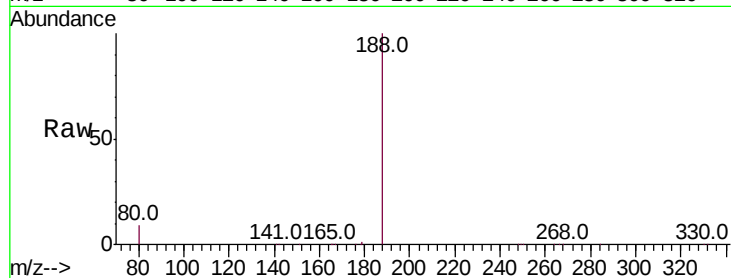




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN007714.D
Acq: 18 Sep 2019 20:17

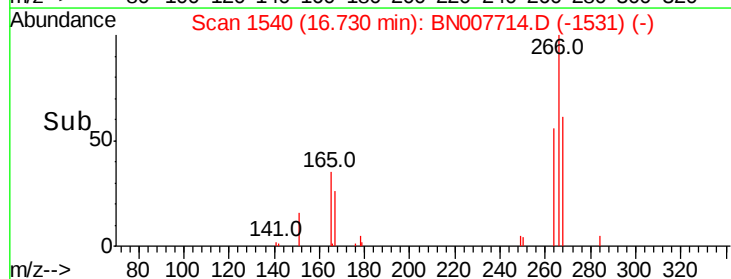
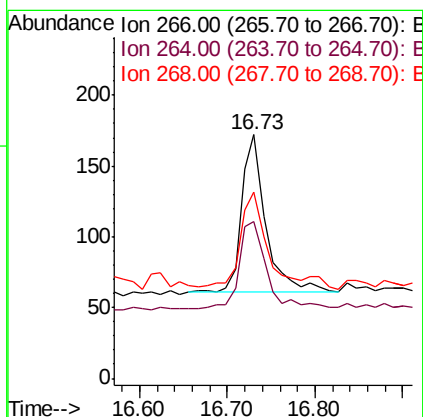
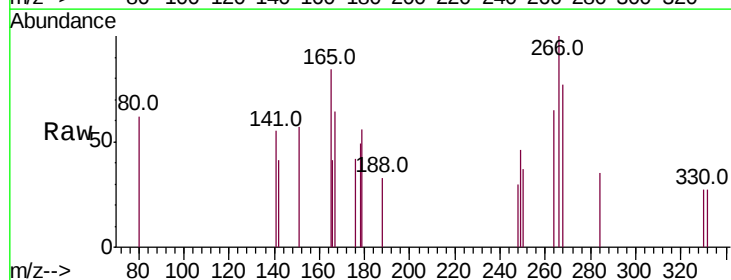
Instrument :
BNA_N
ClientSampleId :

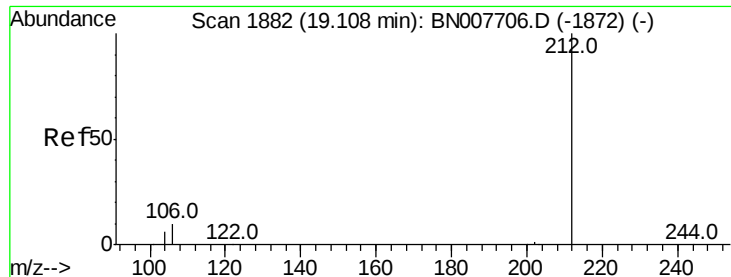
Tot Ion:188 Resp: 31980
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 7.4 11.2



#22
Pentachlorophenol
Concen: 0.027 ng
RT: 16.73 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BN007714.D
Acq: 18 Sep 2019 20:17

Tgt Ion:266 Resp: 210
Ion Ratio Lower Upper
266 100
264 64.5 50.0 75.0
268 76.7 54.2 81.4





#25

Fluoranthene-d10

Concen: 0.429 ng

RT: 19.10 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BN007714.D

Acq: 18 Sep 2019 20:17

Instrument :

BNA_N

ClientSampleId :

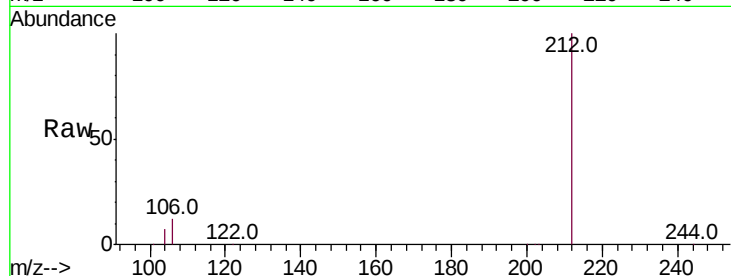
Tot Ion:212 Resp: 46254

Ion Ratio Lower Upper

212 100

106 11.6 9.4 14.0

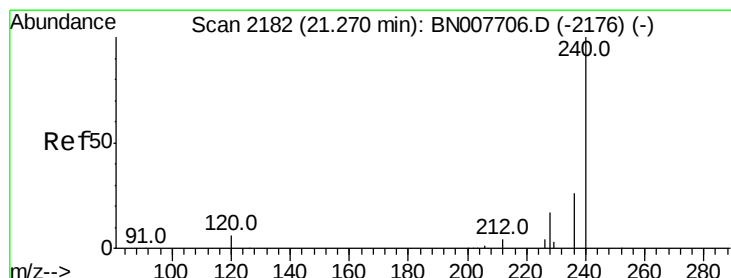
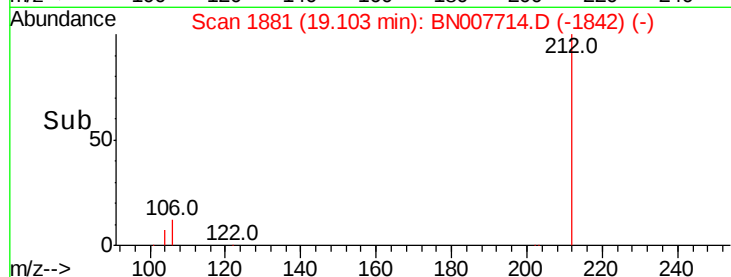
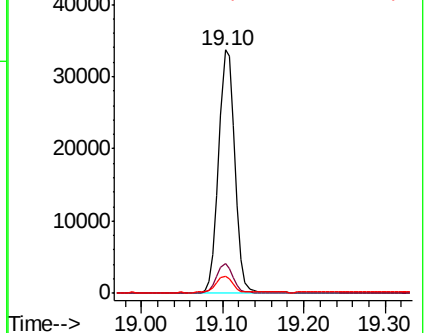
104 6.5 5.3 7.9



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: 21.27 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BN007714.D

Acq: 18 Sep 2019 20:17

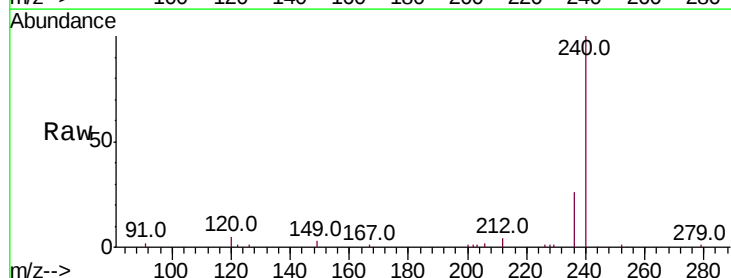
Tgt Ion:240 Resp: 35088

Ion Ratio Lower Upper

240 100

120 5.4 5.4 8.2#

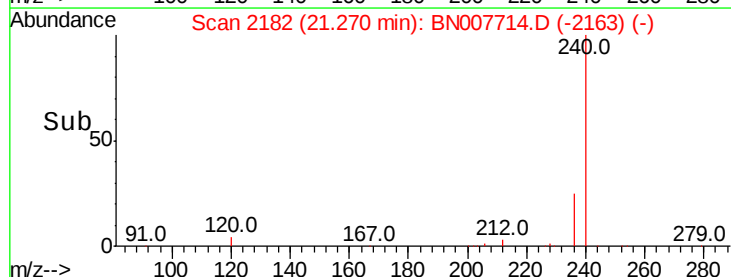
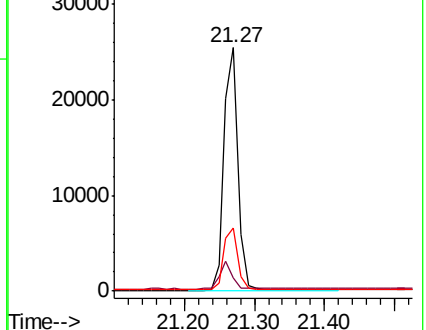
236 25.8 21.0 31.4

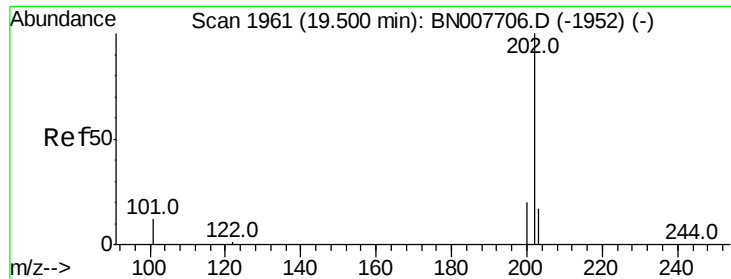


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

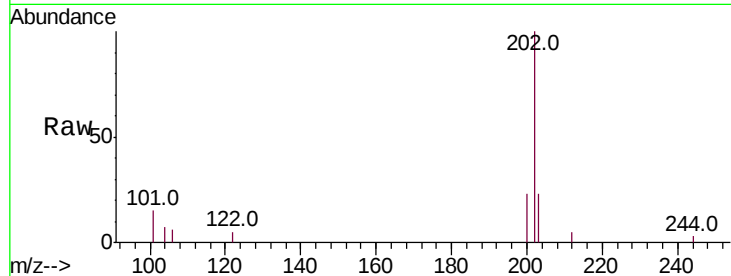




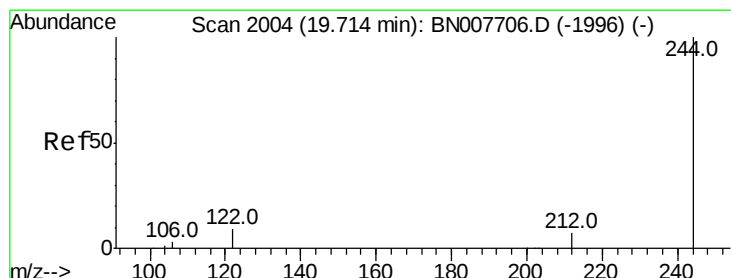
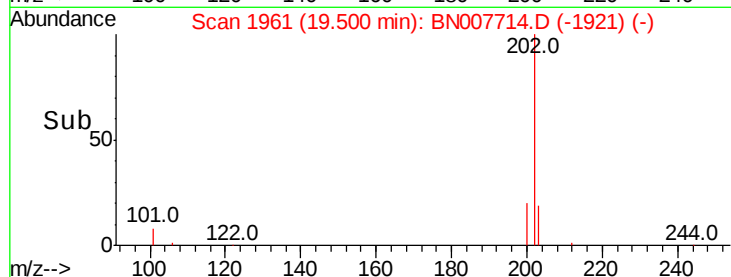
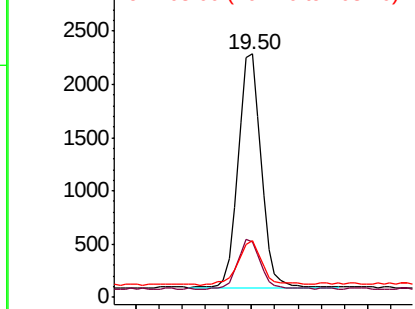
#28
Pvrene
Concen: 0.026 ng
RT: 19.50 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BN007714.D
Acq: 18 Sep 2019 20:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 3068
Ion Ratio Lower Upper
202 100
200 21.3 16.4 24.6
203 20.0 14.1 21.1

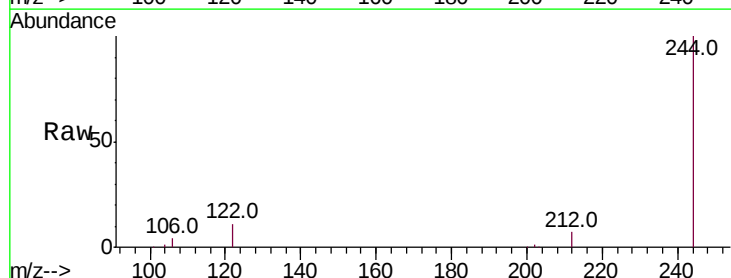


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

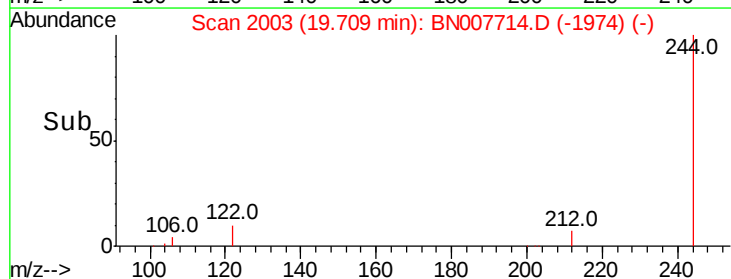
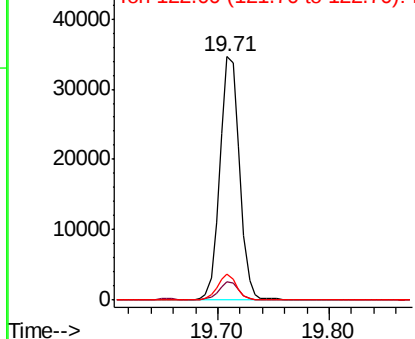


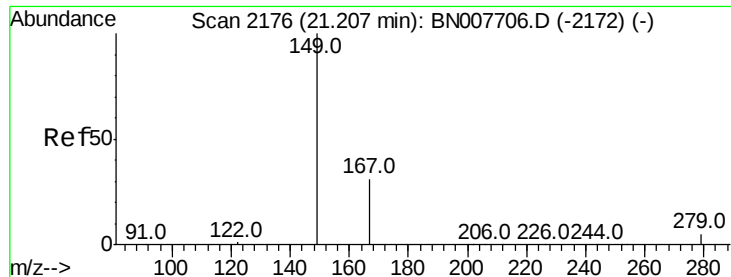
#29
Terphenyl-d14
Concen: 0.492 ng
RT: 19.71 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BN007714.D
Acq: 18 Sep 2019 20:17

Tgt Ion:244 Resp: 42397
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 10.7 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: 0.109 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BN007714.D

Acq: 18 Sep 2019 20:17

Instrument :

BNA_N

ClientSampleId :

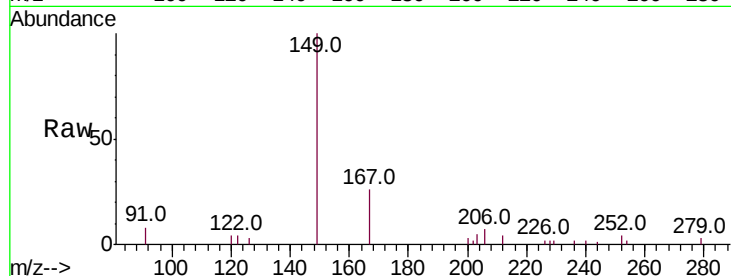
Tot Ion:149 Resp: 7215

Ion Ratio Lower Upper

149 100

167 26.3 23.7 35.5

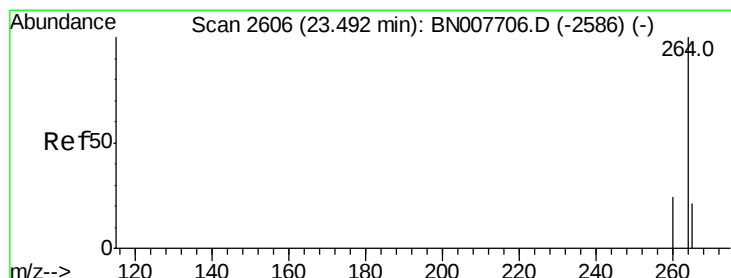
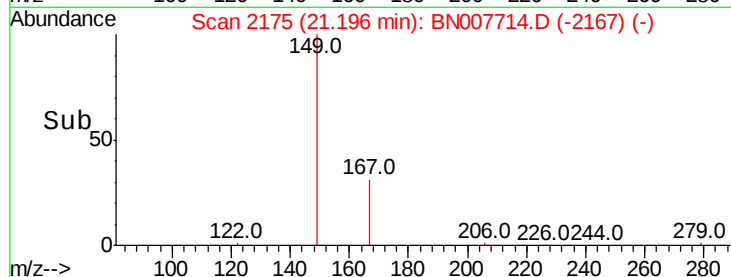
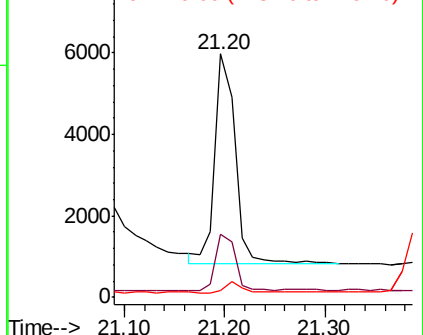
279 4.7 4.2 6.2



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: 23.48 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BN007714.D

Acq: 18 Sep 2019 20:17

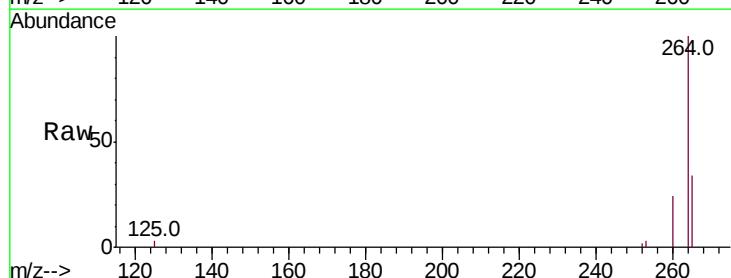
Tgt Ion:264 Resp: 39035

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 33.5 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

