

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
 Data File : BN007587.D
 Acq On : 11 Sep 2019 14:41
 Operator : HP/JU
 Sample : K4697-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 11 16:18:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 11 14:14:20 2019
 Response via : Initial Calibration

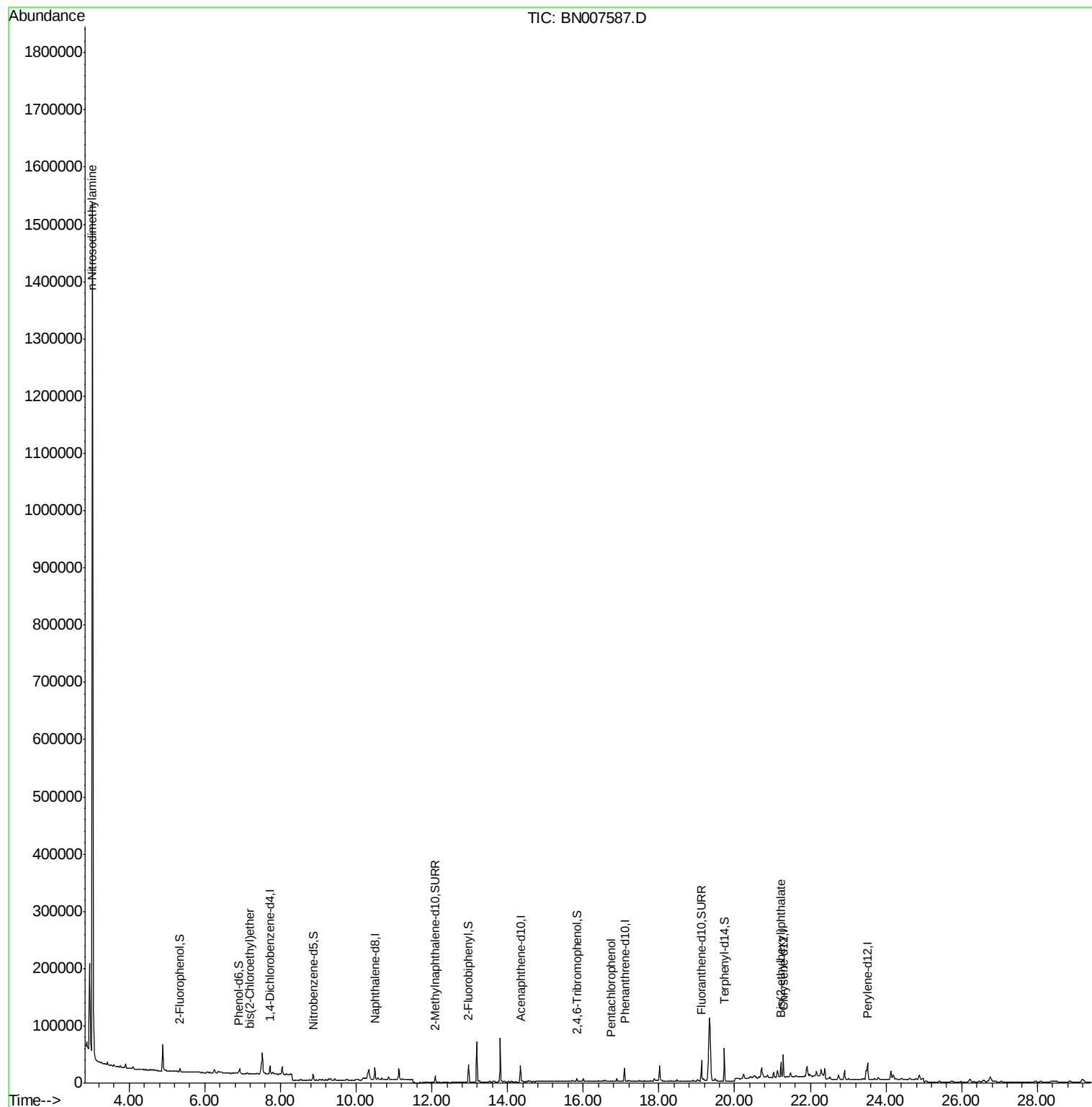
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	6615	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	26320	0.40	ng	0.00
13) Acenaphthene-d10	14.35	164	16064	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	33476	0.40	ng	0.00
27) Chrysene-d12	21.28	240	33741	0.40	ng	-0.01
34) Perylene-d12	23.51	264	37093	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	3851	0.19	ng	0.00
5) Phenol-d6	6.90	99	3567	0.13	ng	0.00
8) Nitrobenzene-d5	8.86	82	9147	0.57	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	16998	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	3323	0.54	ng	-0.01
15) 2-Fluorobiphenyl	12.96	172	26982	0.41	ng	-0.01
25) Fluoranthene-d10	19.12	212	41810	0.38	ng	0.00
29) Terphenyl-d14	19.73	244	55916	0.64	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.03	42	134732	34.096	ng	# 100
6) bis(2-Chloroethyl)ether	7.19	93	326	0.230	ng	# 41
22) Pentachlorophenol	16.74	266	135	0.222	ng	# 81
32) Bis(2-ethylhexyl)phthalate	21.23	149	23436	0.567	ng	98

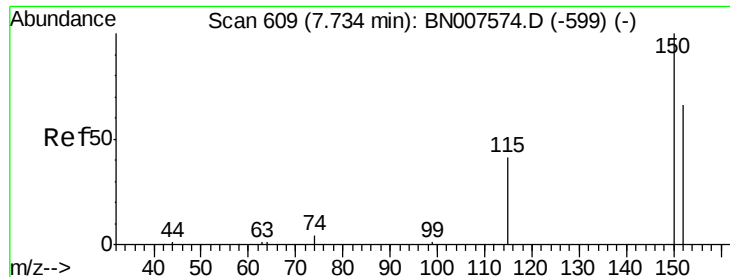
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
Data File : BN007587.D
Acq On : 11 Sep 2019 14:41
Operator : HP/JU
Sample : K4697-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 11 16:18:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 11 14:14:20 2019
Response via : Initial Calibration



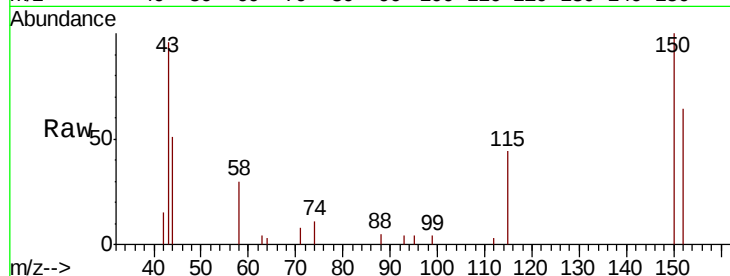


#1

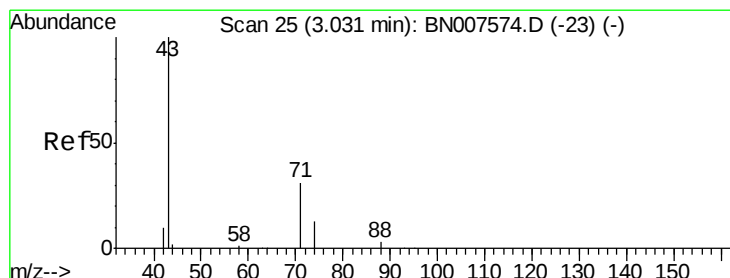
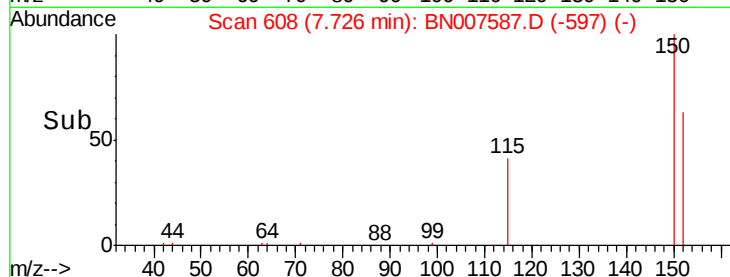
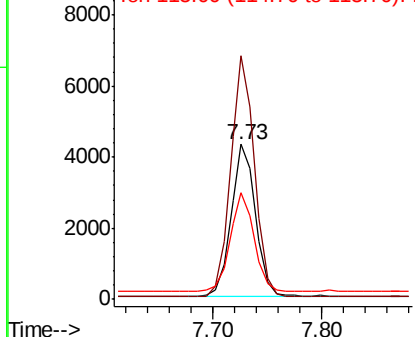
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.01 min
Lab File: BN007587.D
Acq: 11 Sep 2019 14:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 6615
Ion Ratio Lower Upper
152 100
150 157.2 119.5 179.3
115 68.7 53.0 79.6



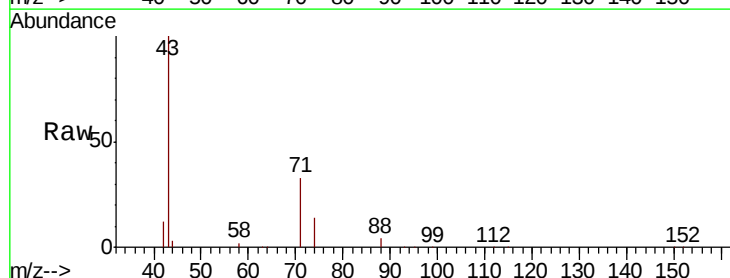
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



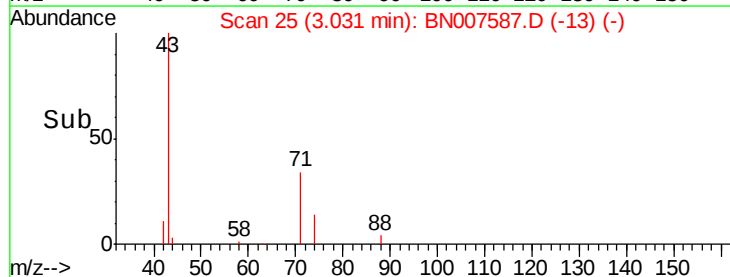
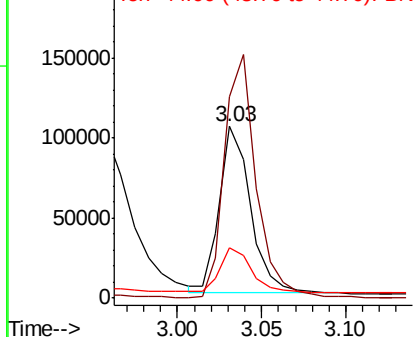
#3

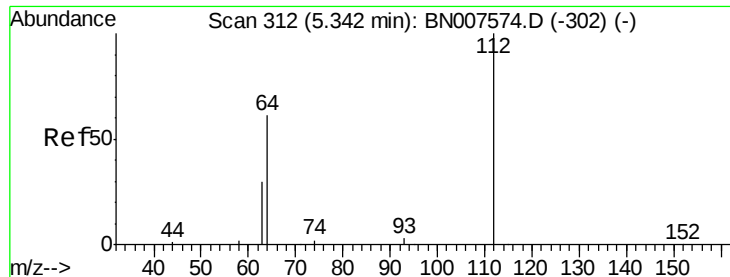
n-Nitrosodimethylamine
Concen: 34.096 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.00 min
Lab File: BN007587.D
Acq: 11 Sep 2019 14:41

Tgt Ion: 42 Resp: 134732
Ion Ratio Lower Upper
42 100
74 146.6 0.0 0.0#
44 27.0 0.0 0.0#



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: 0.191 ng

RT: 5.34 min Scan# 312

Delta R.T. -0.00 min

Lab File: BN007587.D

Acq: 11 Sep 2019 14:41

Instrument :

BNA_N

ClientSampleId :

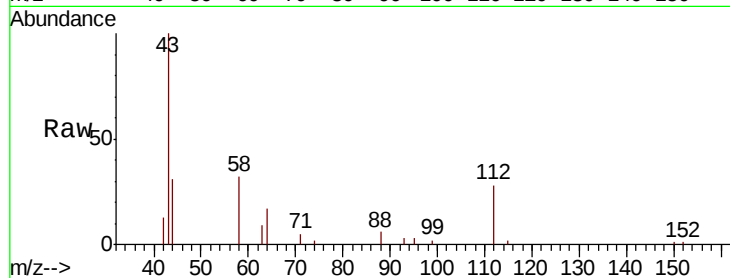
Tot Ion: 112 Resp: 3851

Ion Ratio Lower Upper

112 100

64 59.6 49.2 73.8

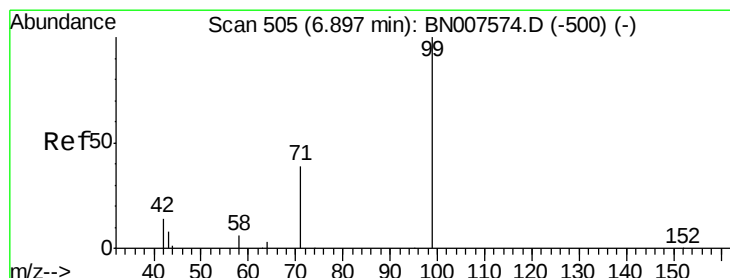
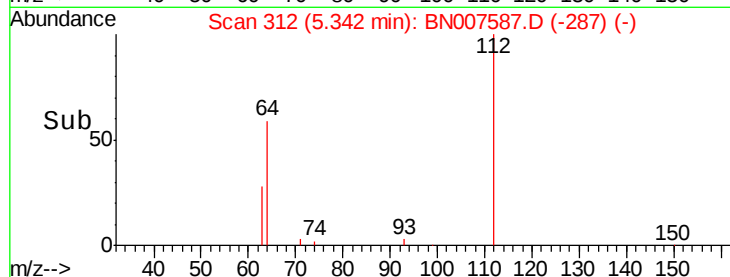
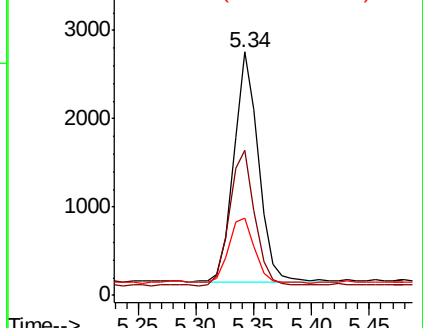
63 30.0 26.0 39.0



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: 0.130 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN007587.D

Acq: 11 Sep 2019 14:41

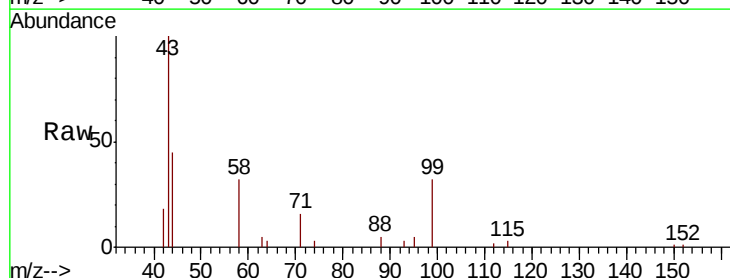
Tgt Ion: 99 Resp: 3567

Ion Ratio Lower Upper

99 100

42 32.3 11.8 17.8#

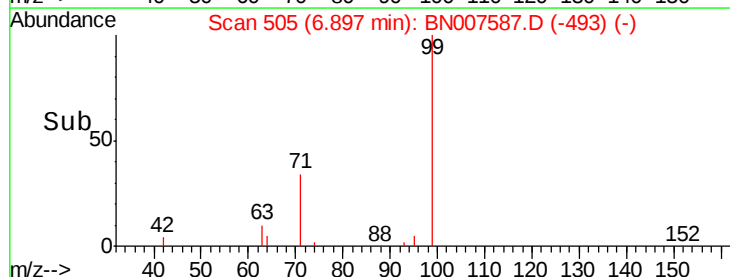
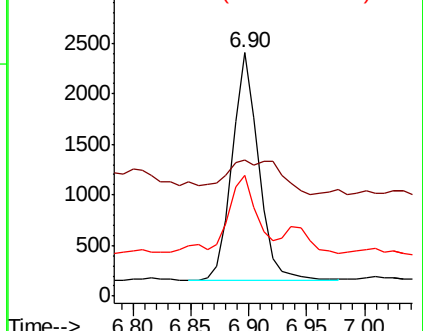
71 37.1 28.8 43.2

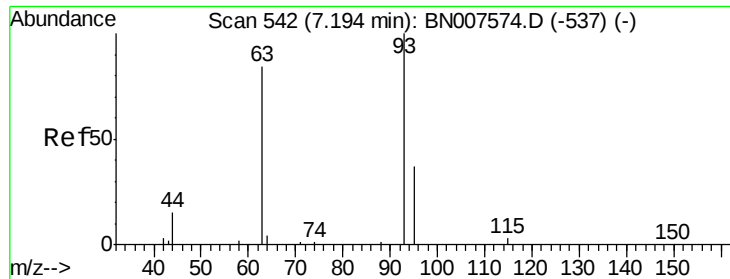


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC



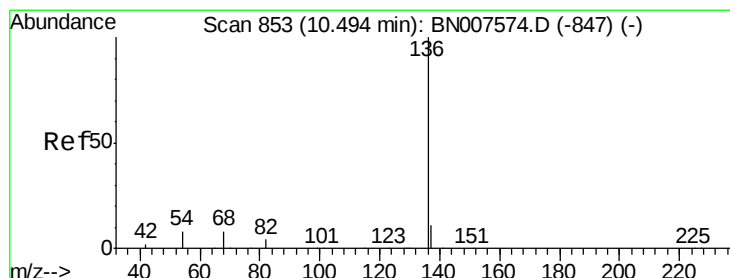
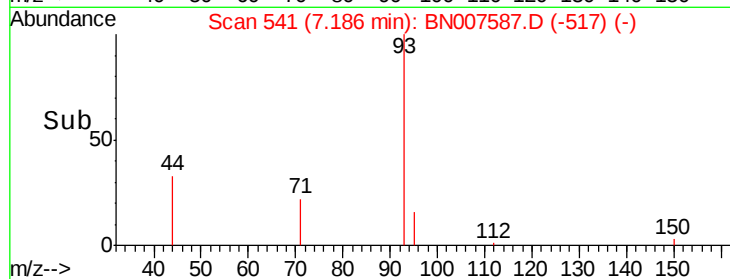
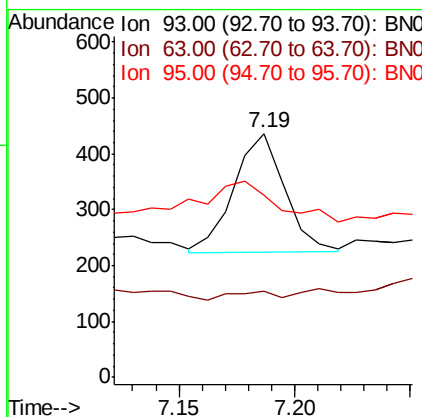
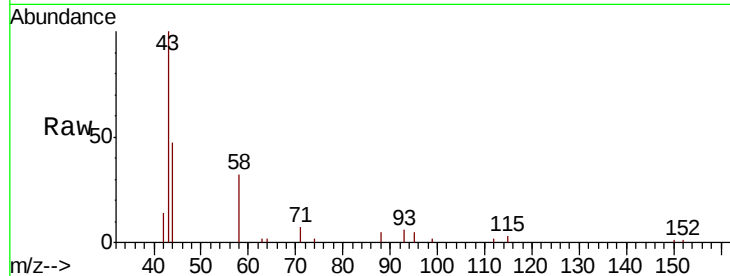


#6

bis(2-Chloroethyl)ether
 Concen: 0.230 ng
 RT: 7.19 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: BN007587.D
 Acq: 11 Sep 2019 14:41

Instrument :
 BNA_N
 ClientSampleId :

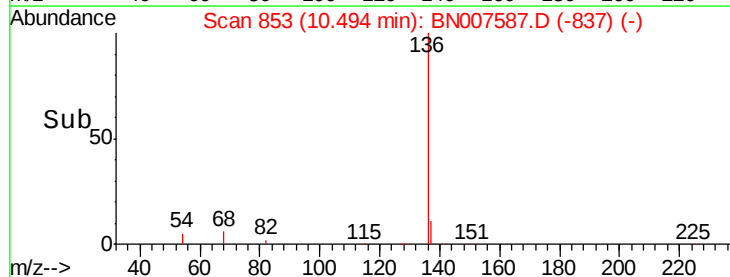
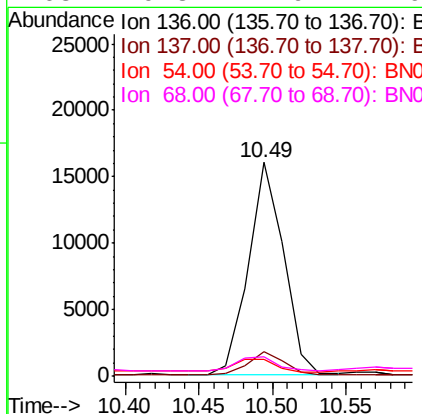
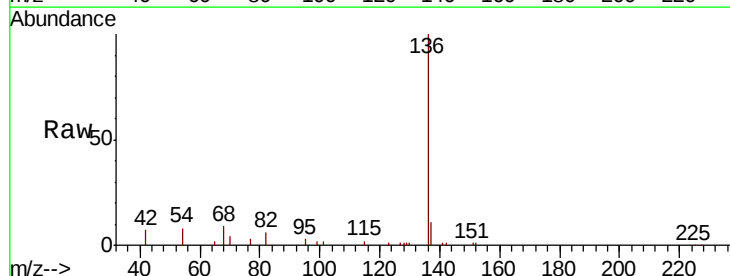
Tot Ion:	93	Resp:	326
Ion	Ratio	Lower	Upper
93	100		
63	6.1	69.8	104.6#
95	62.9	42.8	64.2

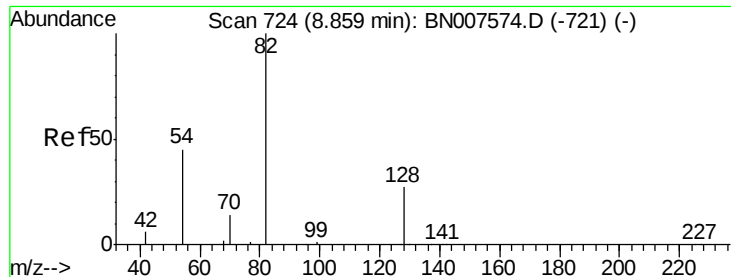


#7

Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.49 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BN007587.D
 Acq: 11 Sep 2019 14:41

Tgt Ion:	136	Resp:	26320
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.1	7.5	11.3
68	9.3	7.9	11.9





#8

Nitrobenzene-d5

Concen: 0.570 ng

RT: 8.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN007587.D

Acq: 11 Sep 2019 14:41

Instrument :

BNA_N

ClientSampleId :

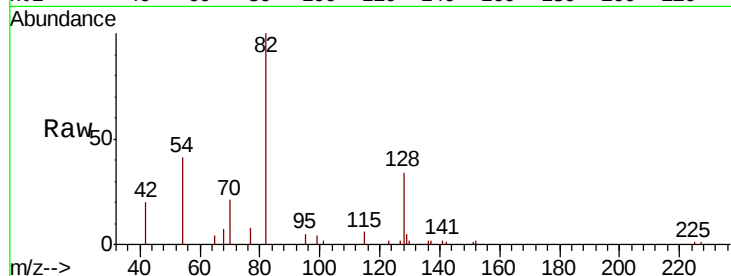
Tot Ion: 82 Resp: 9147

Ion Ratio Lower Upper

82 100

128 34.2 23.4 35.2

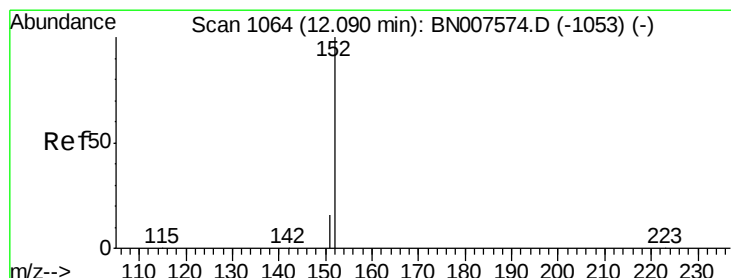
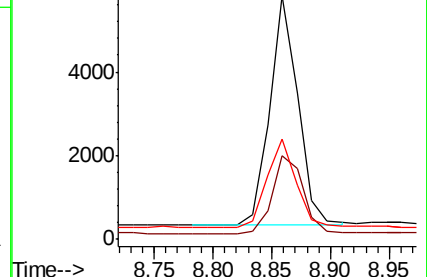
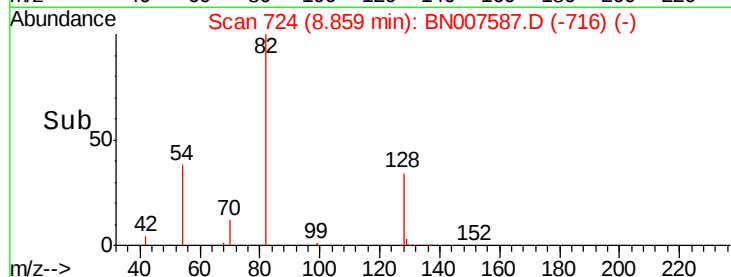
54 41.3 38.2 57.2



Abundance Ion 82.00 (81.70 to 82.70): BN007574.D (-721) (-)

Ion 128.00 (127.70 to 128.70): BN007574.D (-721) (-)

Ion 54.00 (53.70 to 54.70): BN007574.D (-721) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.374 ng

RT: 12.09 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BN007587.D

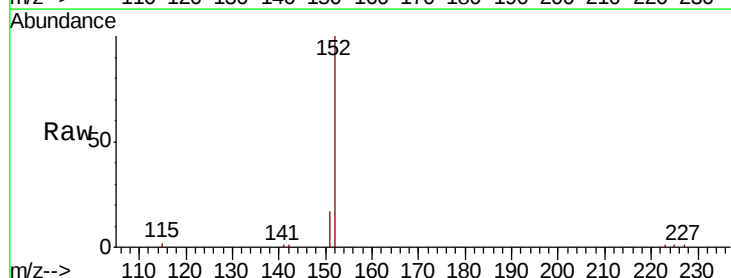
Acq: 11 Sep 2019 14:41

Tgt Ion: 152 Resp: 16998

Ion Ratio Lower Upper

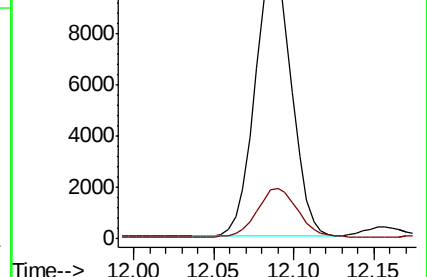
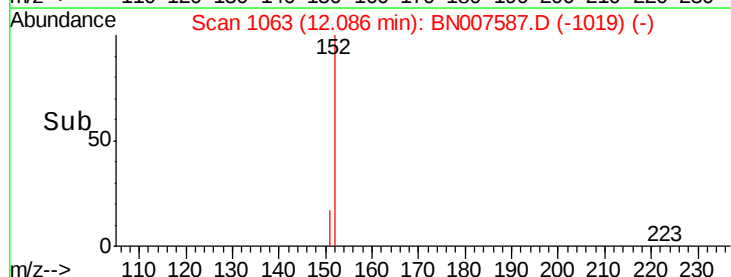
152 100

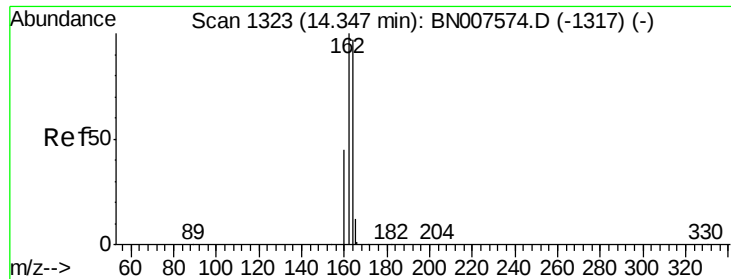
151 19.3 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN007574.D (-1053) (-)

Ion 151.00 (150.70 to 151.70): BN007574.D (-1053) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.35 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BN007587.D

Acq: 11 Sep 2019 14:41

Instrument :

BNA_N

ClientSampled :

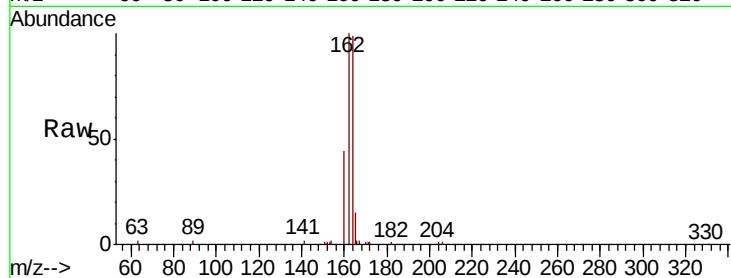
Tot Ion:164 Resp: 16064

Ion Ratio Lower Upper

164 100

162 100.6 82.2 123.2

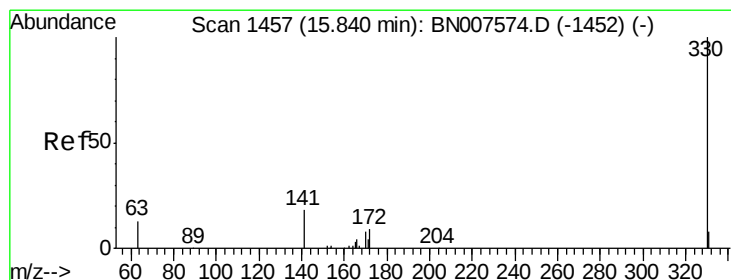
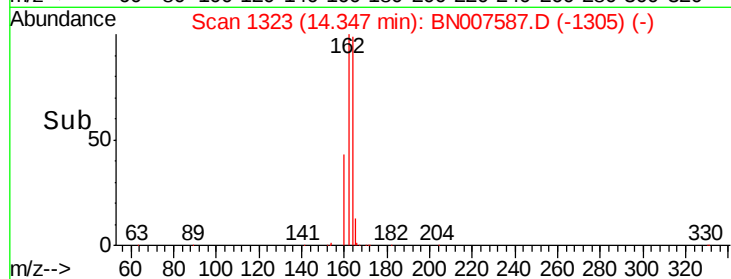
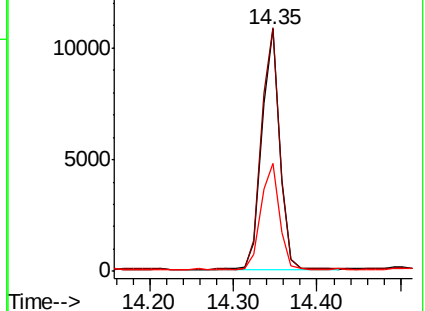
160 44.6 37.4 56.0



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: 0.544 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BN007587.D

Acq: 11 Sep 2019 14:41

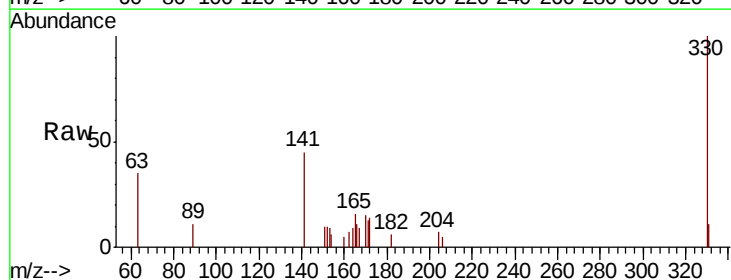
Tgt Ion:330 Resp: 3323

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

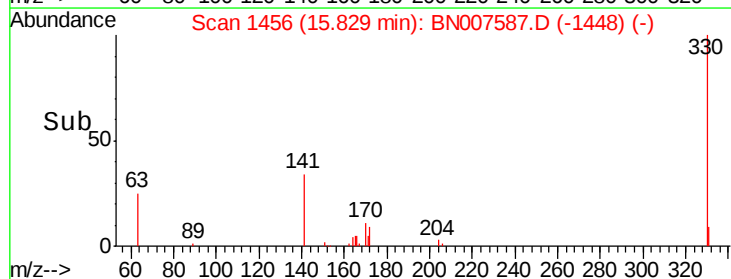
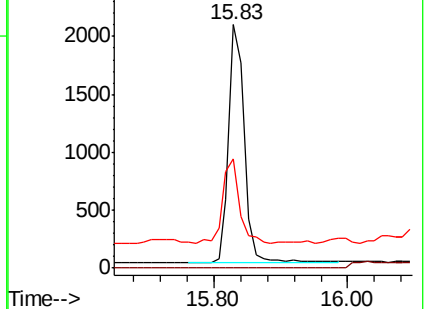
141 38.1 30.6 45.8

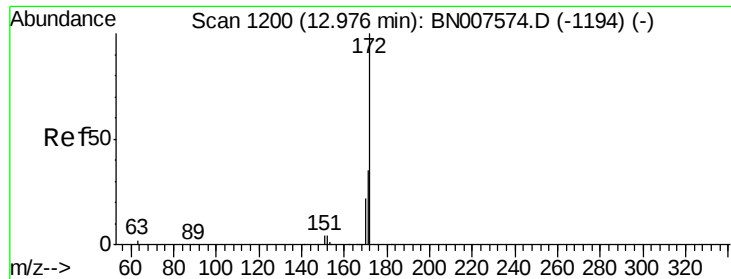


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

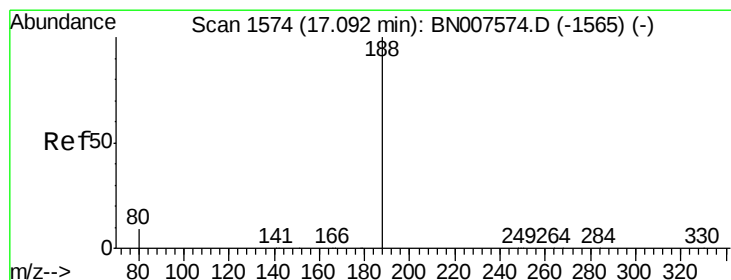
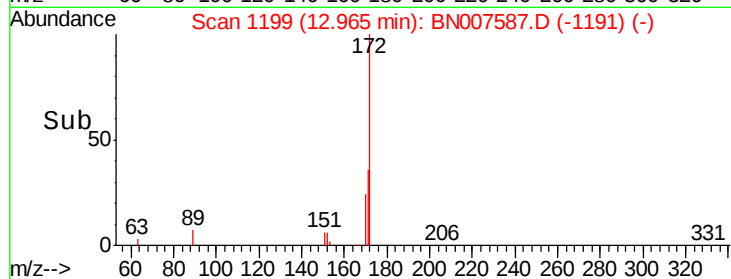
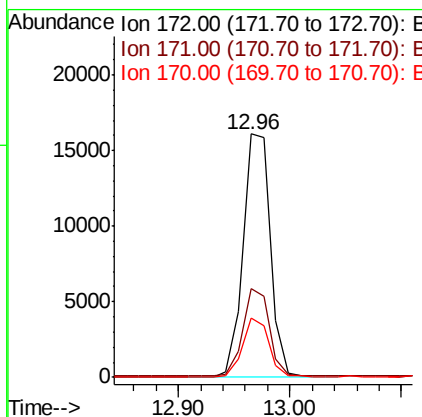
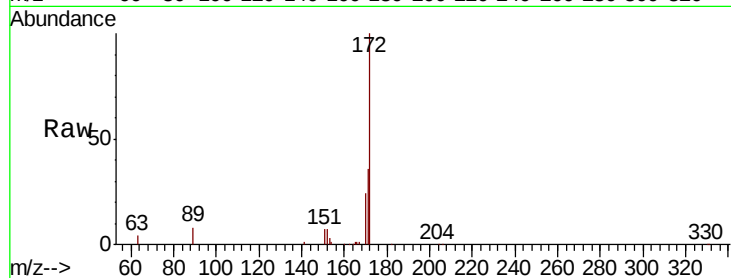




#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 12.96 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BN007587.D
Acq: 11 Sep 2019 14:41

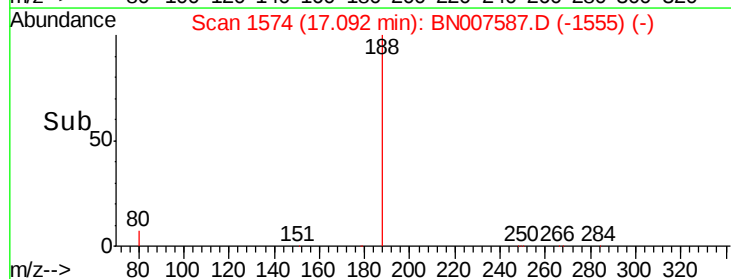
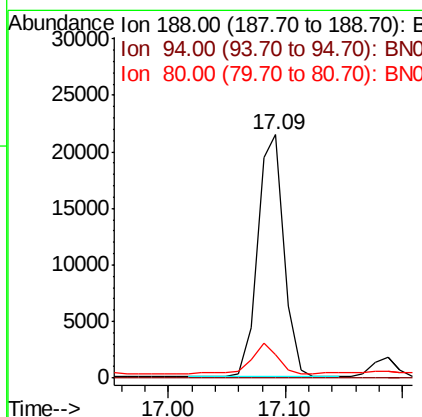
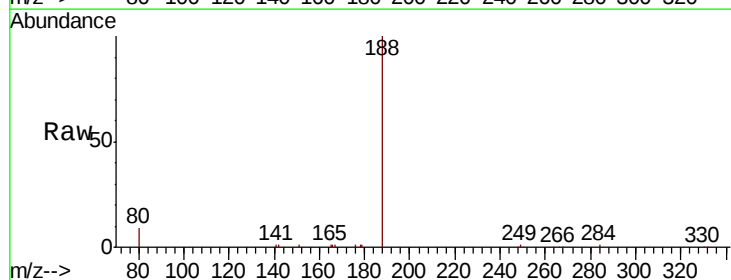
Instrument :
BNA_N
ClientSampleId :

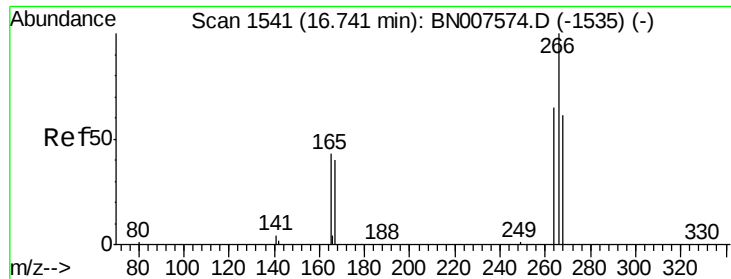
Tot Ion:172 Resp: 26982
Ion Ratio Lower Upper
172 100
171 36.4 28.2 42.2
170 24.4 18.3 27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BN007587.D
Acq: 11 Sep 2019 14:41

Tgt Ion:188 Resp: 33476
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 8.1 12.1

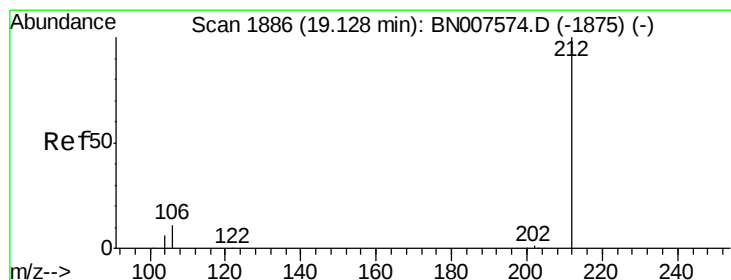
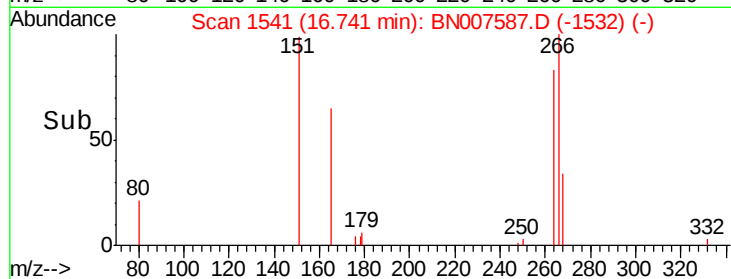
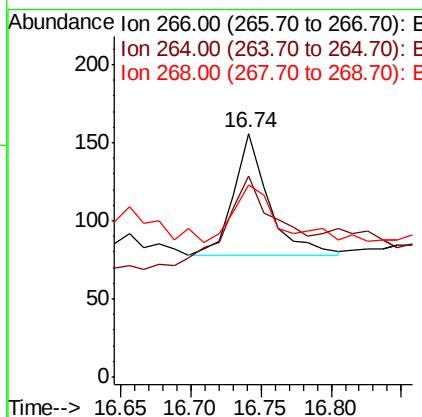
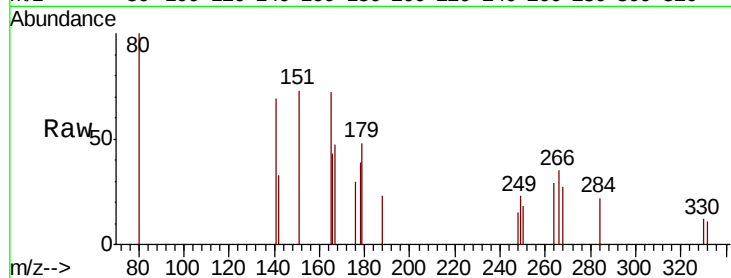




#22
 Pentachlorophenol
 Concen: 0.222 ng
 RT: 16.74 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BN007587.D
 Acq: 11 Sep 2019 14:41

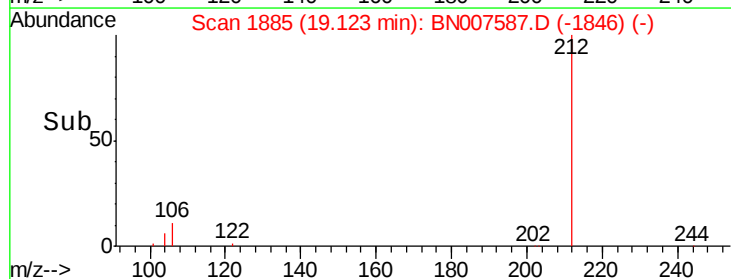
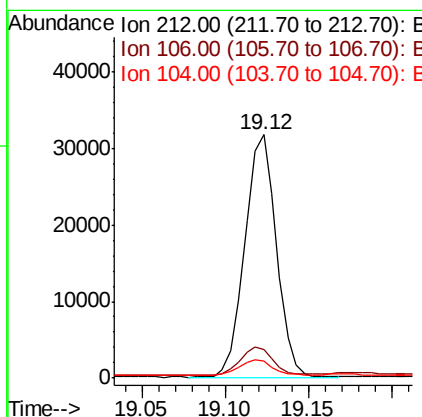
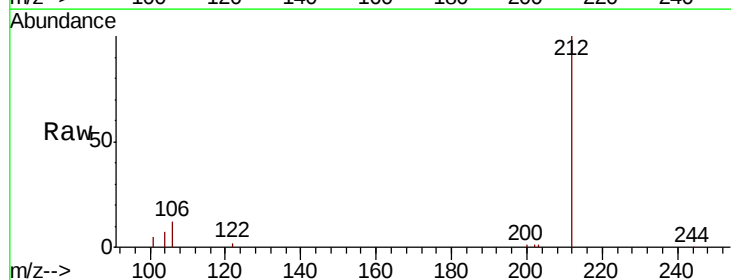
Instrument :
 BNA_N
 ClientSampled :

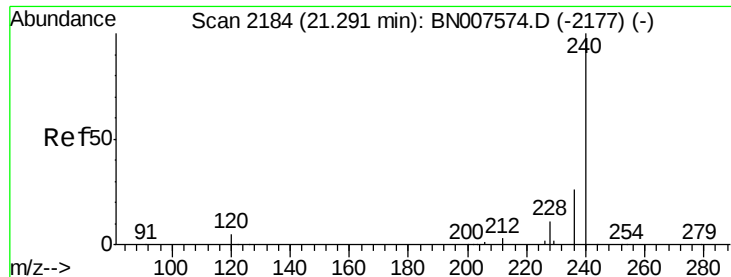
Tot Ion:266 Resp: 135
 Ion Ratio Lower Upper
 266 100
 264 82.7 52.0 78.0#
 268 78.8 53.5 80.3



#25
 Fluoranthene-d10
 Concen: 0.384 ng
 RT: 19.12 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: BN007587.D
 Acq: 11 Sep 2019 14:41

Tgt Ion:212 Resp: 41810
 Ion Ratio Lower Upper
 212 100
 106 12.9 9.7 14.5
 104 6.8 5.5 8.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.28 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BN007587.D

Acq: 11 Sep 2019 14:41

Instrument :

BNA_N

ClientSampleId :

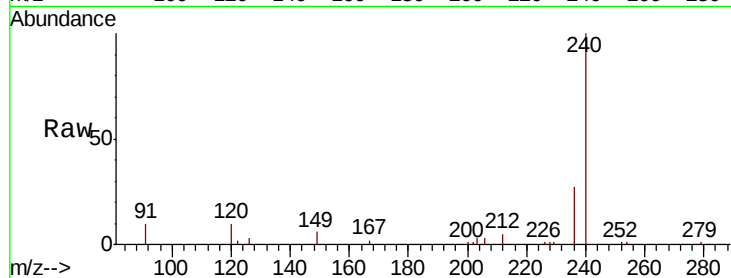
Tot Ion:240 Resp: 33741

Ion Ratio Lower Upper

240 100

120 10.1 5.0 7.4#

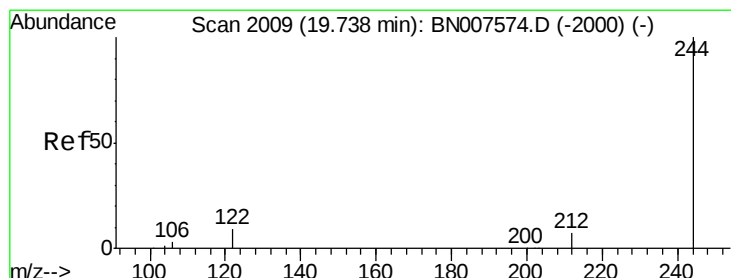
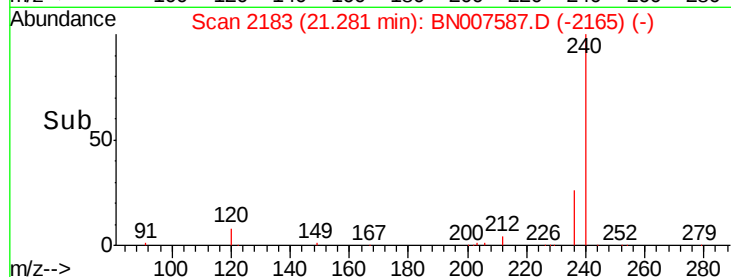
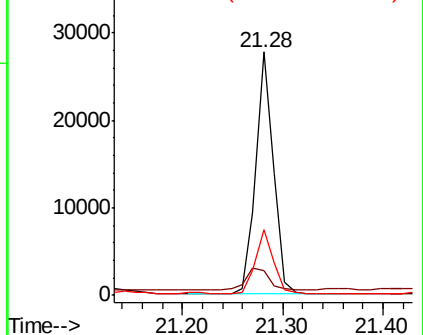
236 27.1 20.6 31.0



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: 0.637 ng

RT: 19.73 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BN007587.D

Acq: 11 Sep 2019 14:41

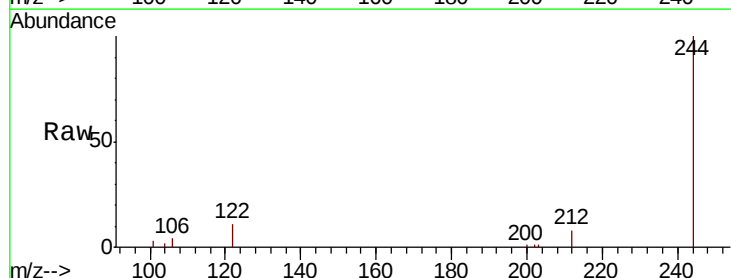
Tgt Ion:244 Resp: 55916

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

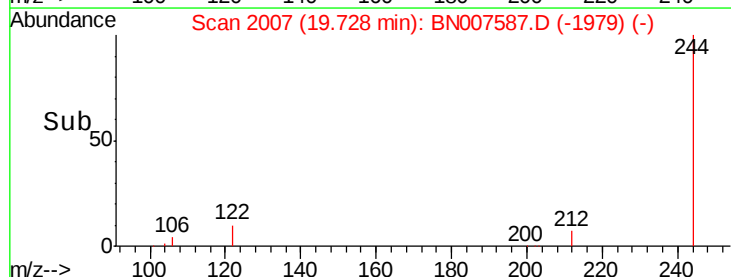
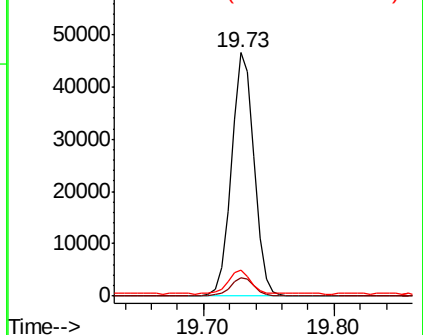
122 10.8 7.8 11.6

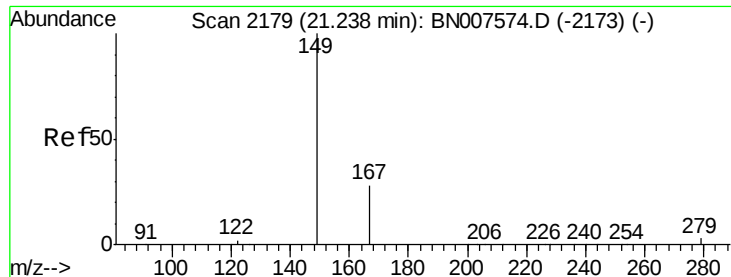


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

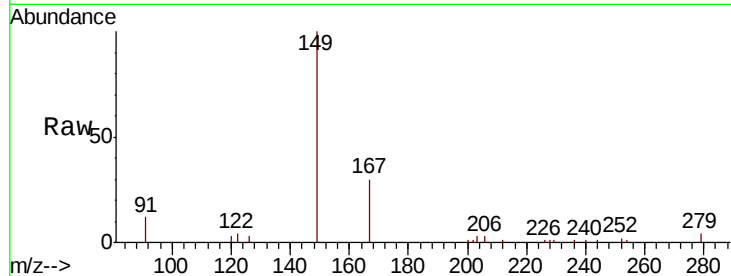




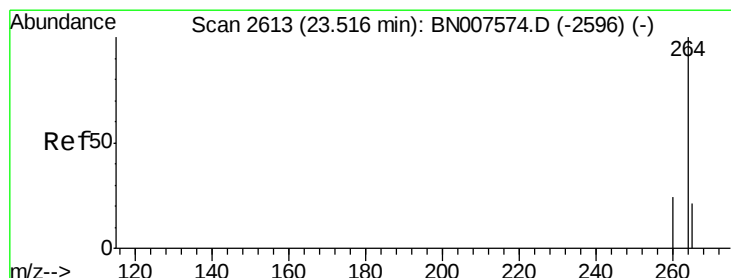
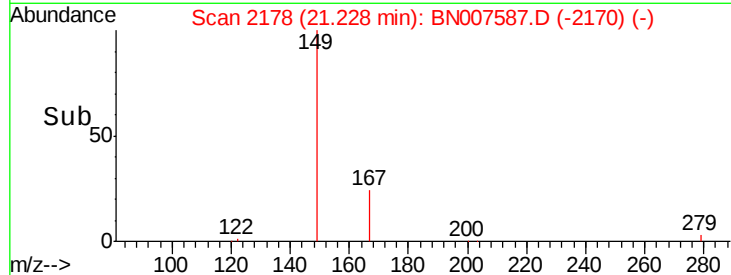
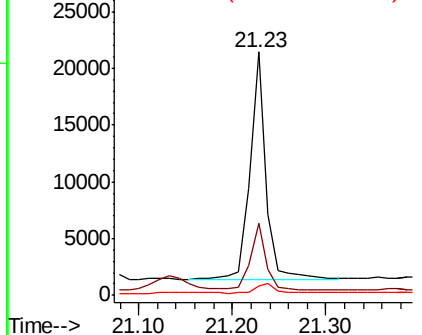
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.567 ng
 RT: 21.23 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BN007587.D
 Acq: 11 Sep 2019 14:41

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:149 Resp: 23436
 Ion Ratio Lower Upper
 149 100
 167 28.6 22.1 33.1
 279 4.9 3.9 5.9

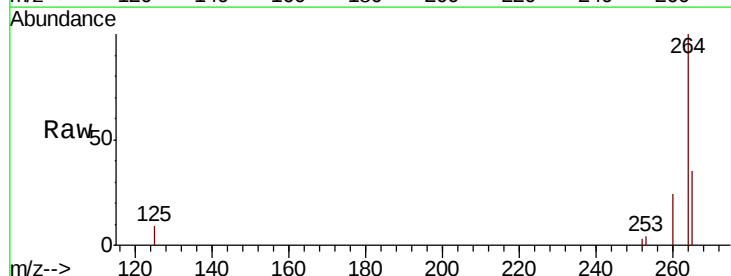


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.51 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BN007587.D
 Acq: 11 Sep 2019 14:41

Tgt Ion:264 Resp: 37093
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 35.3 25.6 38.4



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

