

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040219\
 Data File : BN005057.D
 Acq On : 02 Apr 2019 12:13
 Operator : JU/SJ
 Sample : PB118217BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118217BL

Quant Time: Apr 03 01:56:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 03:42:17 2019
 Response via : Initial Calibration

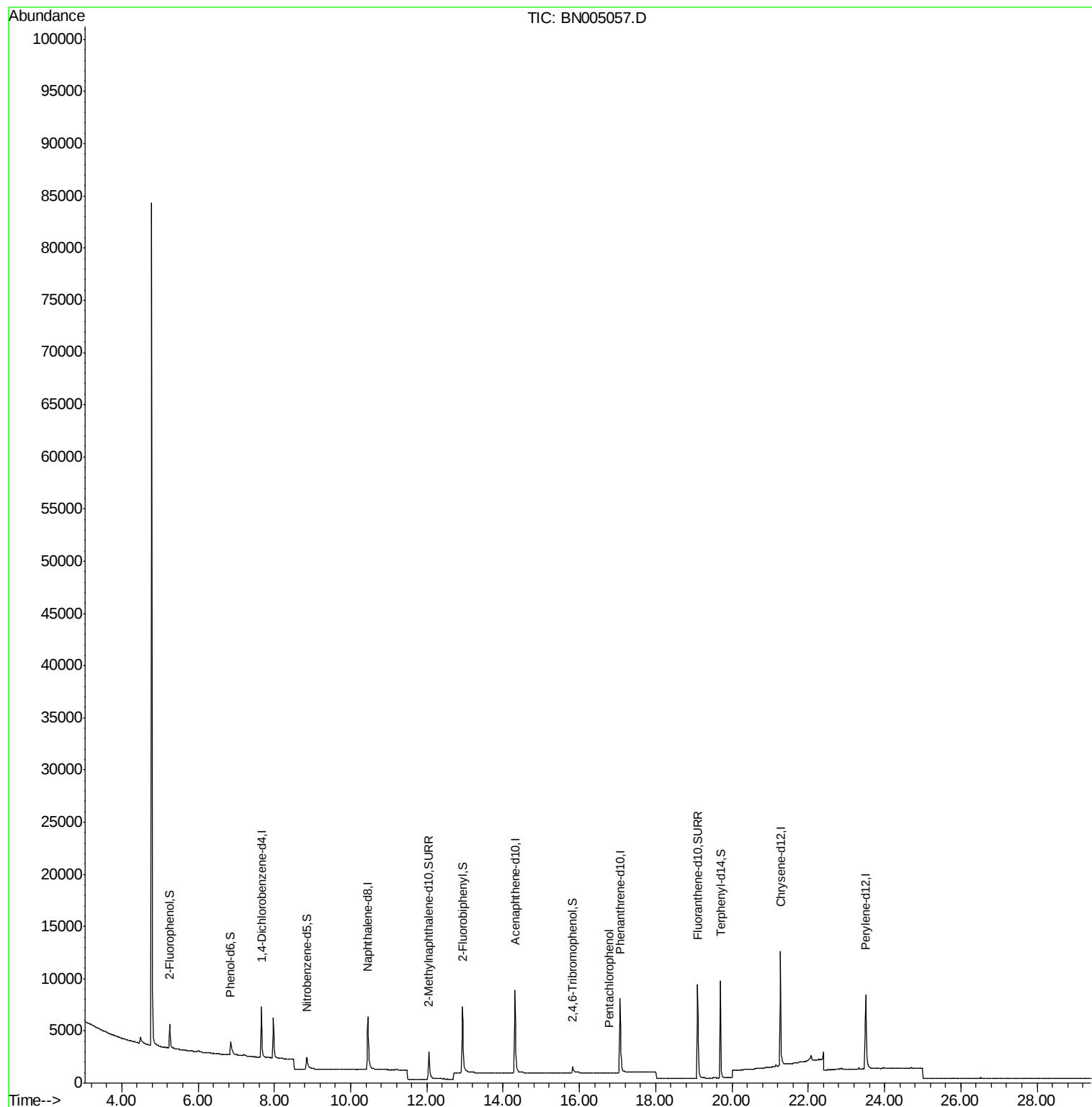
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2726	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	10500	0.40	ng	0.01
13) Acenaphthene-d10	14.31	164	5787	0.40	ng	0.01
19) Phenanthrene-d10	17.07	188	13222	0.40	ng	0.01
27) Chrysene-d12	21.27	240	12475	0.40	ng	0.01
34) Perylene-d12	23.51	264	11584	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	2543	0.37	ng	0.00
5) Phenol-d6	6.86	99	2670	0.33	ng	0.00
8) Nitrobenzene-d5	8.84	82	1997	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	12.05	152	5611	0.34	ng	0.01
14) 2,4,6-Tribromophenol	15.83	330	829	0.26	ng	0.01
15) 2-Fluorobiphenyl	12.93	172	8431	0.39	ng	0.01
25) Fluoranthene-d10	19.10	212	13158	0.35	ng	0.00
29) Terphenyl-d14	19.70	244	10627	0.41	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.77	266	3	0.091	ng	Qvalue # 63

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

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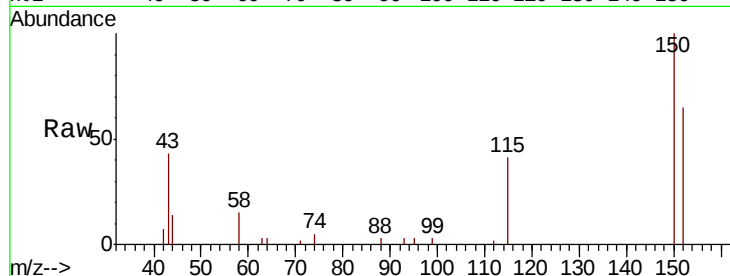


#1

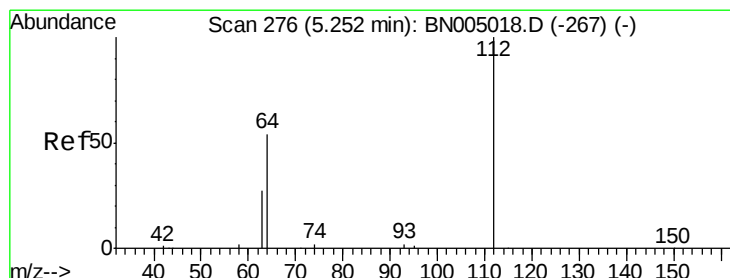
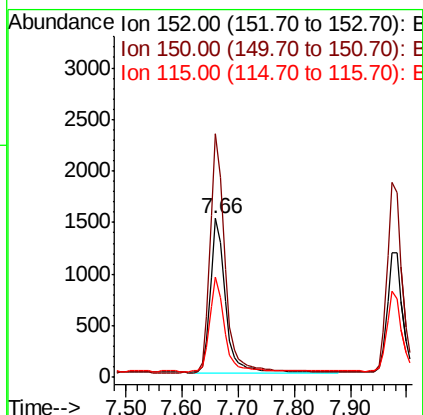
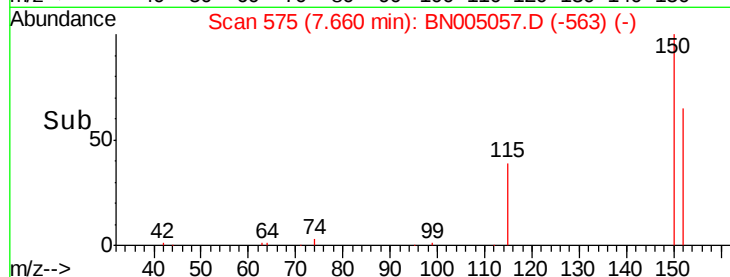
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BN005057.D
Acq: 02 Apr 2019 12:13

Instrument :
BNA_N
ClientSampleId :
PB118217BL

Tgt Ion:152 Resp: 2726
Ion Ratio Lower Upper
152 100
150 153.1 123.4 185.2
115 63.1 50.0 75.0



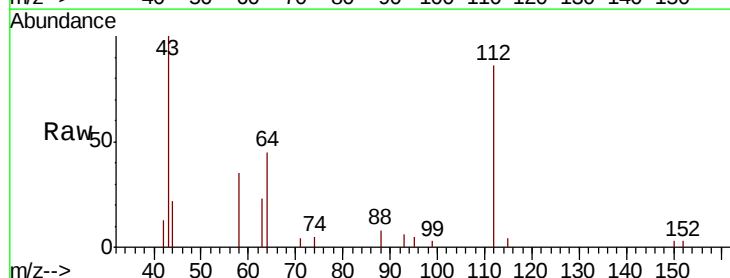
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



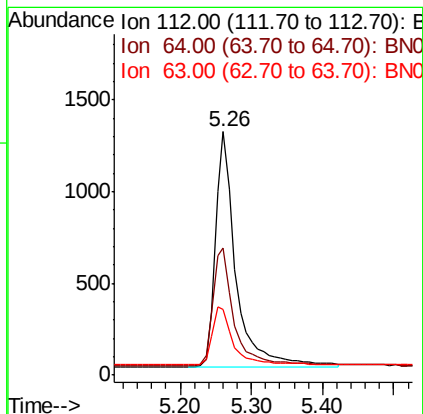
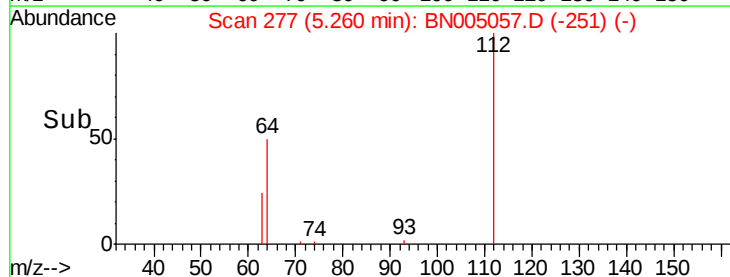
#4

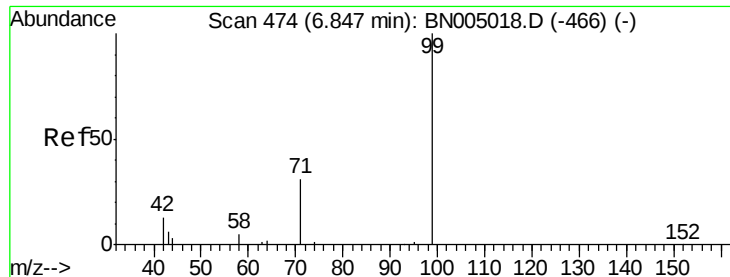
2-Fluorophenol
Concen: 0.374 ng
RT: 5.26 min Scan# 277
Delta R.T. 0.01 min
Lab File: BN005057.D
Acq: 02 Apr 2019 12:13

Tgt Ion:112 Resp: 2543
Ion Ratio Lower Upper
112 100
64 52.5 41.9 62.9
63 26.0 21.5 32.3



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: 0.331 ng

RT: 6.86 min Scan# 475

Delta R.T. 0.01 min

Lab File: BN005057.D

Acq: 02 Apr 2019 12:13

Instrument :

BNA_N

ClientSampleId :

PB118217BL

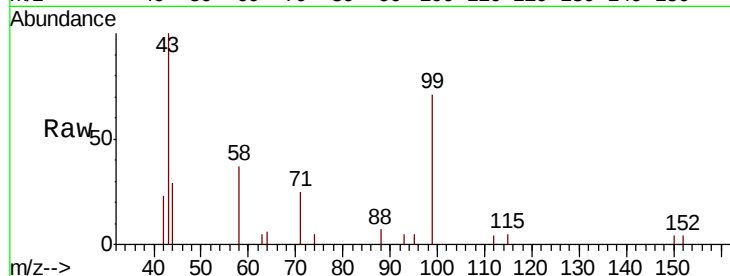
Tgt Ion: 99 Resp: 2670

Ion Ratio Lower Upper

99 100

42 13.7 12.2 18.2

71 32.2 26.1 39.1

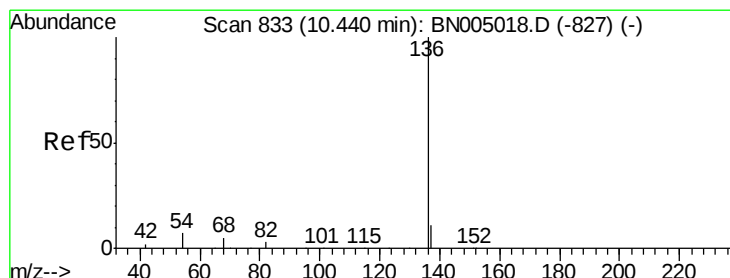
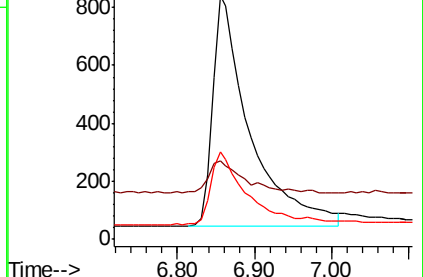
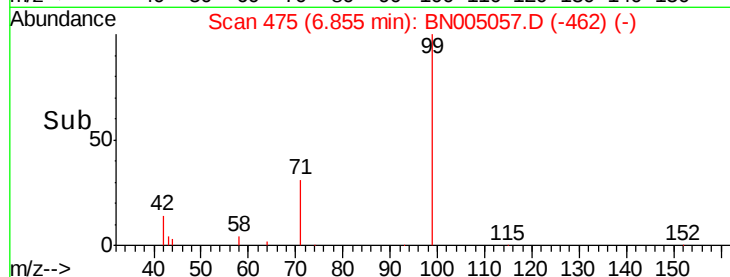


Abundance Ion 99.00 (98.70 to 99.70): BN005018.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN005018.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN005018.D (-466) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 834

Delta R.T. 0.01 min

Lab File: BN005057.D

Acq: 02 Apr 2019 12:13

Tgt Ion: 136 Resp: 10500

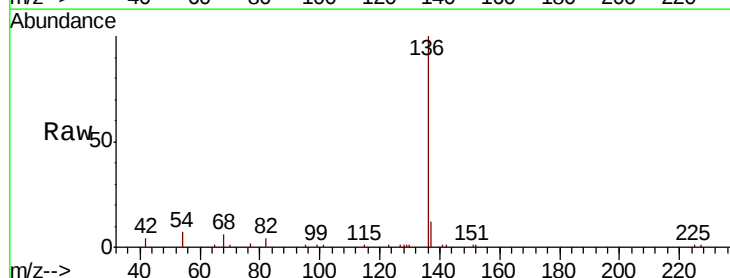
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 6.5 6.0 9.0

68 5.7 5.0 7.6



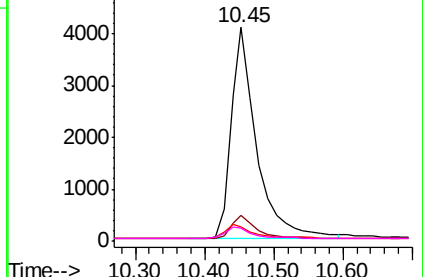
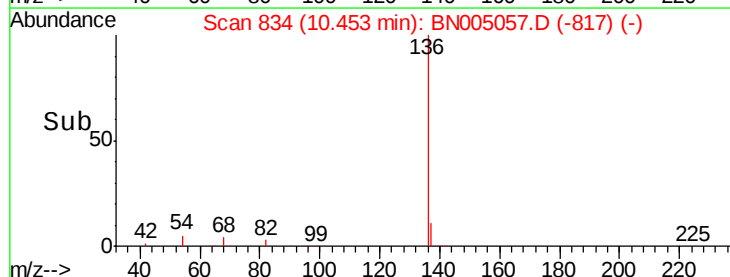
Abundance Ion 136.00 (135.70 to 136.70): BN005018.D (-827) (-)

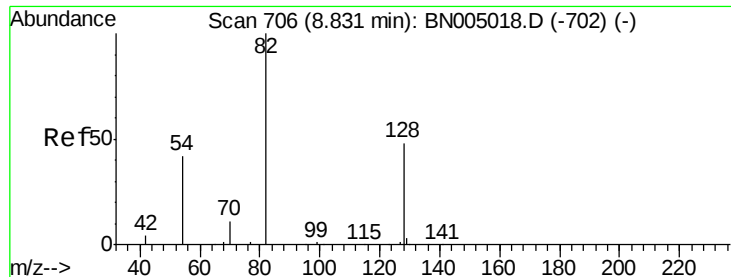
Ion 137.00 (136.70 to 137.70): BN005018.D (-827) (-)

Ion 54.00 (53.70 to 54.70): BN005018.D (-827) (-)

Ion 68.00 (67.70 to 68.70): BN005018.D (-827) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.328 ng

RT: 8.84 min Scan# 707

Delta R.T. 0.01 min

Lab File: BN005057.D

Acq: 02 Apr 2019 12:13

Instrument :

BNA_N

ClientSampleId :

PB118217BL

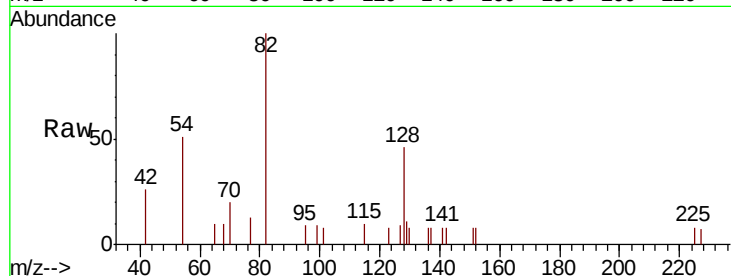
Tgt Ion: 82 Resp: 1997

Ion Ratio Lower Upper

82 100

128 46.2 40.5 60.7

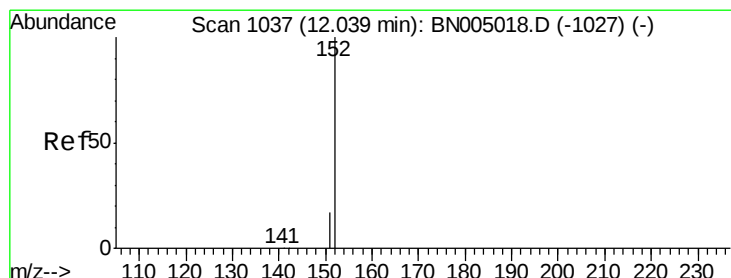
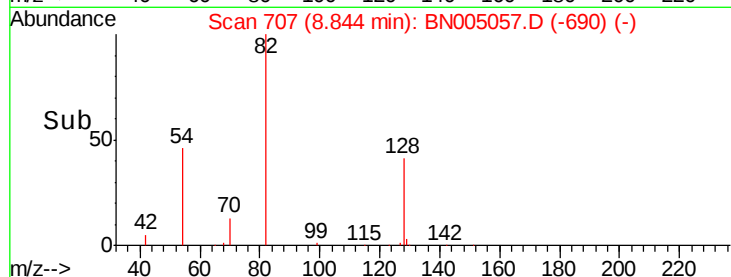
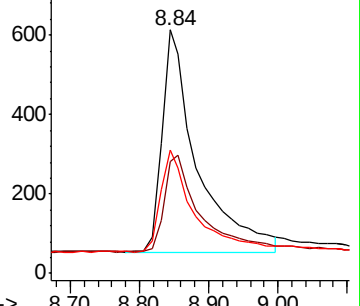
54 50.6 35.7 53.5



Abundance Ion 82.00 (81.70 to 82.70): BN005018.D (-702) (-)

Ion 128.00 (127.70 to 128.70): BN005018.D (-702) (-)

Ion 54.00 (53.70 to 54.70): BN005018.D (-702) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.345 ng

RT: 12.05 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BN005057.D

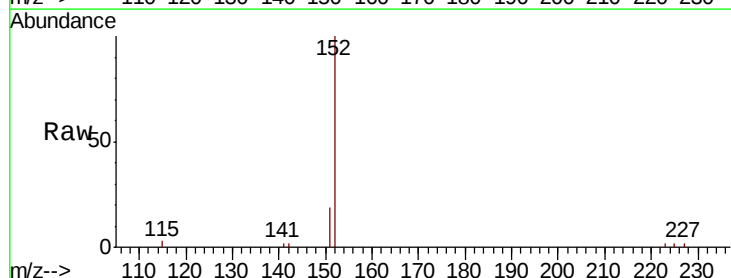
Acq: 02 Apr 2019 12:13

Tgt Ion: 152 Resp: 5611

Ion Ratio Lower Upper

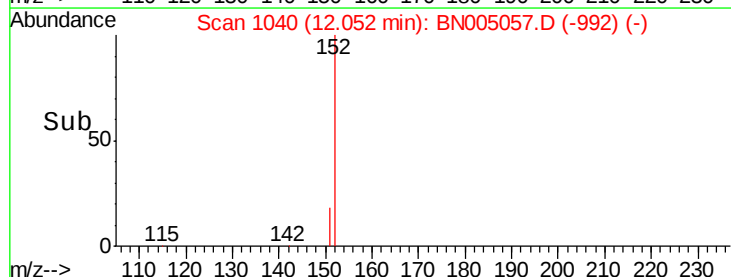
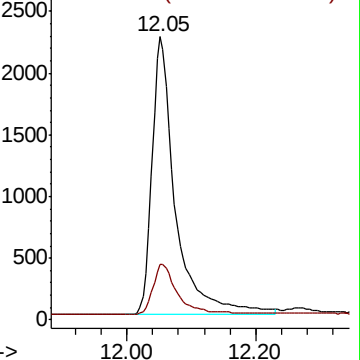
152 100

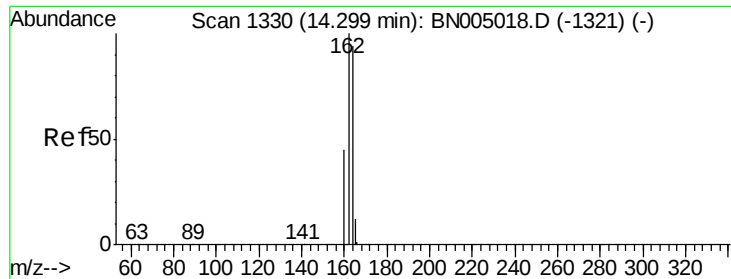
151 19.4 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN005018.D (-1027) (-)

Ion 151.00 (150.70 to 151.70): BN005018.D (-1027) (-)

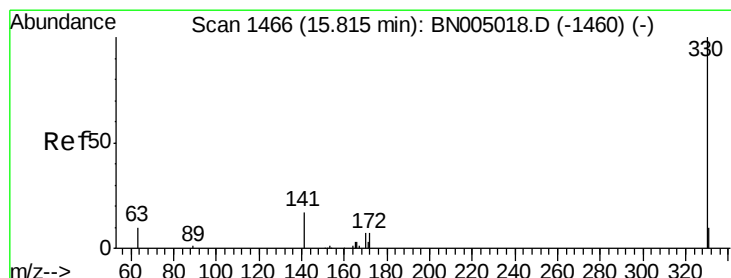
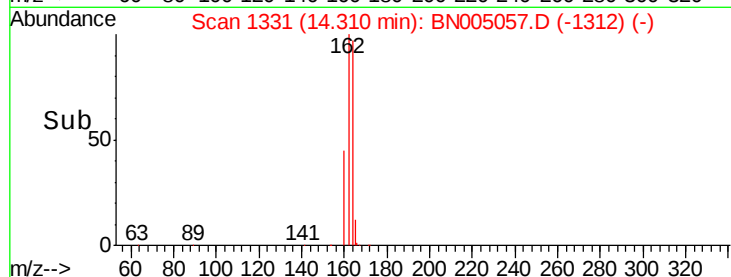
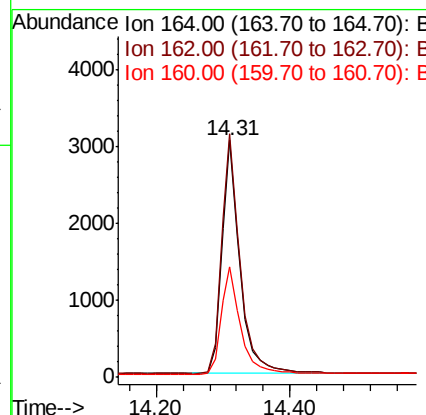
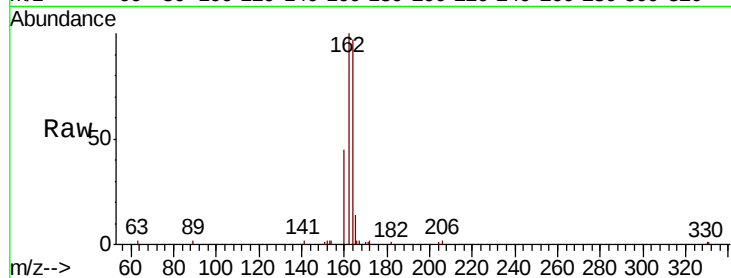




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.31 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BN005057.D
 Acq: 02 Apr 2019 12:13

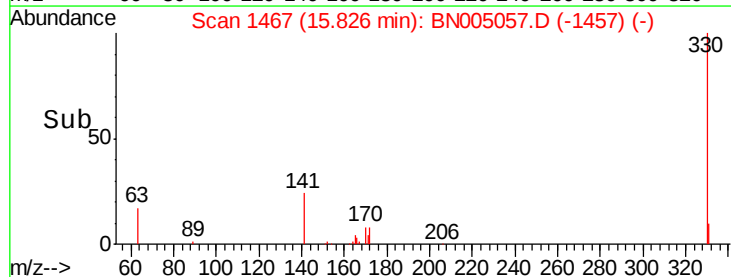
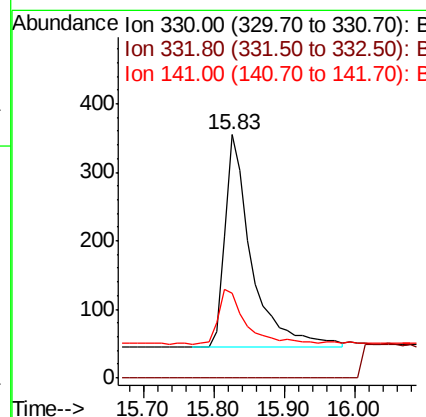
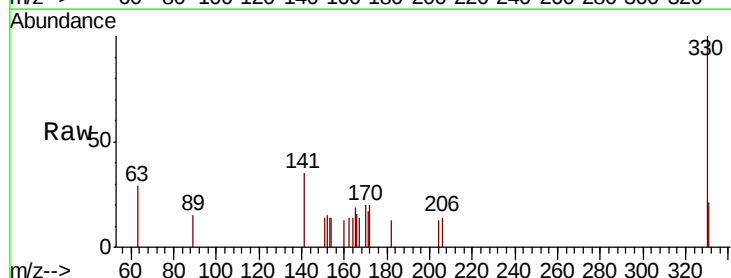
Instrument :
 BNA_N
 ClientSampleId :
 PB118217BL

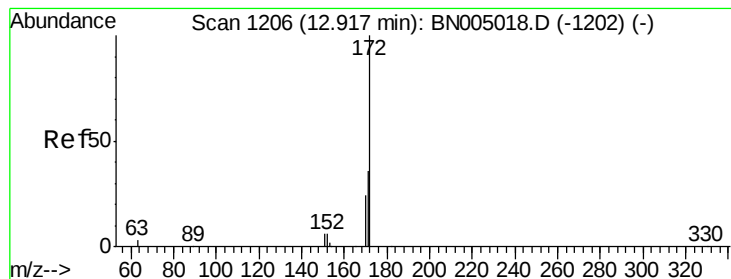
Tgt Ion:164 Resp: 5787
 Ion Ratio Lower Upper
 164 100
 162 102.9 85.3 127.9
 160 46.8 39.2 58.8



#14
 2,4,6-Tribromophenol
 Concen: 0.255 ng
 RT: 15.83 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BN005057.D
 Acq: 02 Apr 2019 12:13

Tgt Ion:330 Resp: 829
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 26.4 21.3 31.9





#15

2-Fluorobiphenyl

Concen: 0.386 ng

RT: 12.93 min Scan# 1207

Delta R.T. 0.01 min

Lab File: BN005057.D

Acq: 02 Apr 2019 12:13

Instrument :

BNA_N

ClientSampleId :

PB118217BL

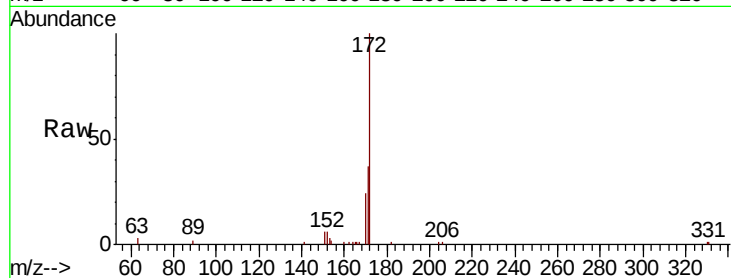
Tgt Ion:172 Resp: 8431

Ion Ratio Lower Upper

172 100

171 36.8 29.4 44.0

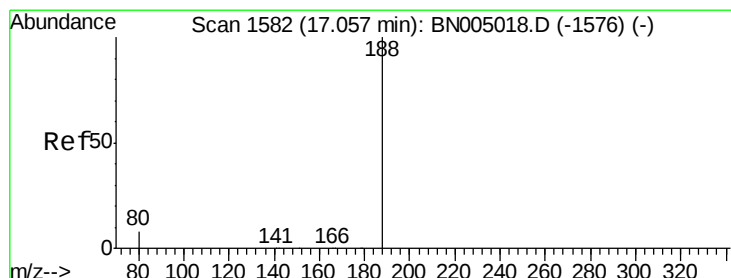
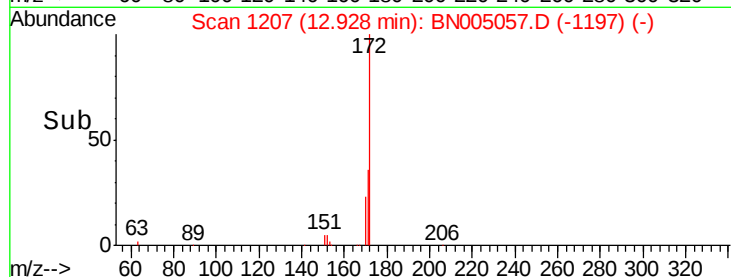
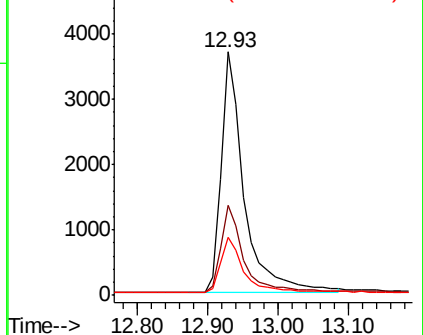
170 23.9 20.0 30.0



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: 17.07 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BN005057.D

Acq: 02 Apr 2019 12:13

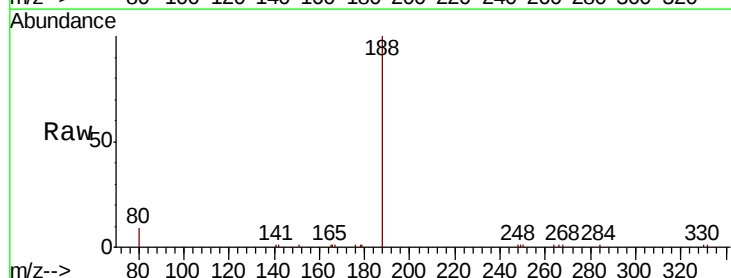
Tgt Ion:188 Resp: 13222

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

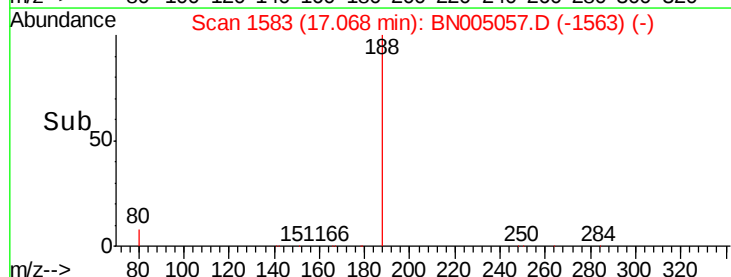
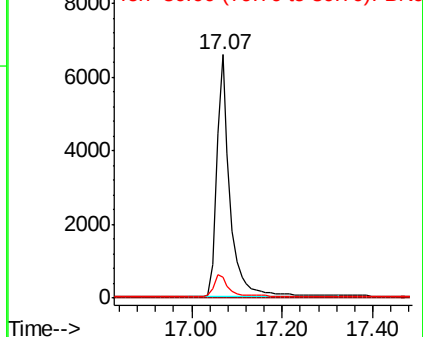
80 8.7 6.9 10.3

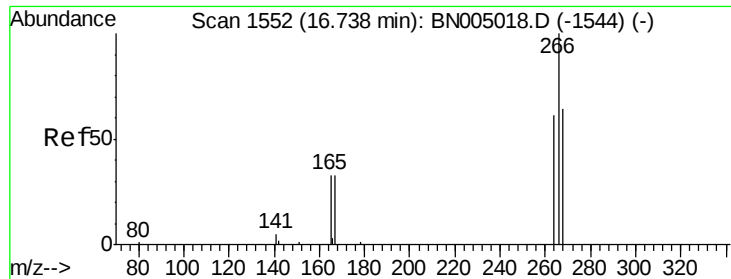


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



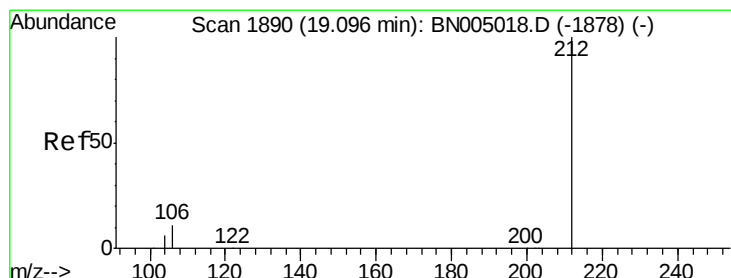
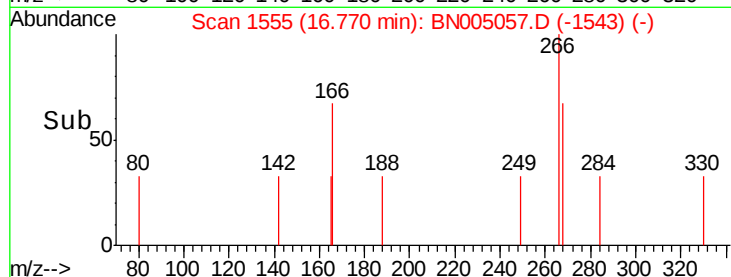
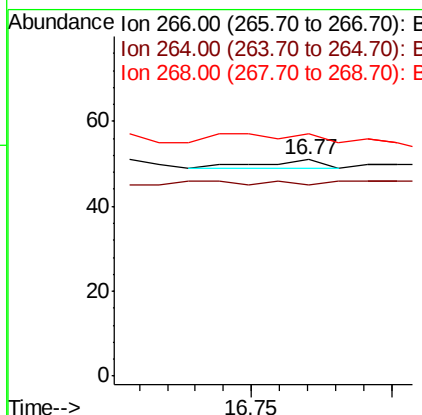
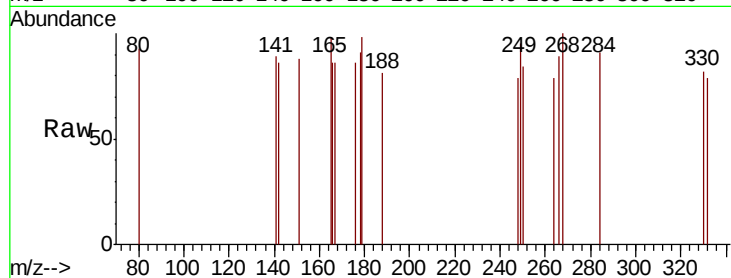


#22
Pentachlorophenol
Concen: 0.091 ng
RT: 16.77 min Scan# 1555
Delta R.T. 0.03 min
Lab File: BN005057.D
Acq: 02 Apr 2019 12:13

Instrument :
BNA_N
ClientSampleId :
PB118217BL

Tgt Ion: 266 Resp: 3

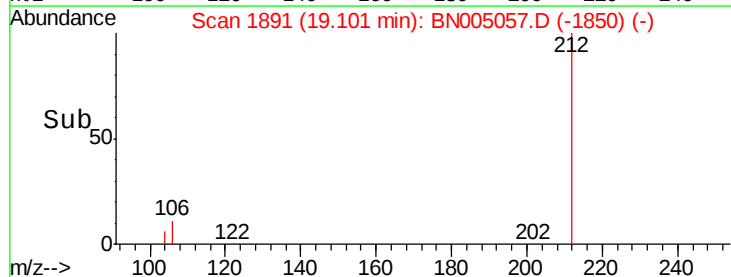
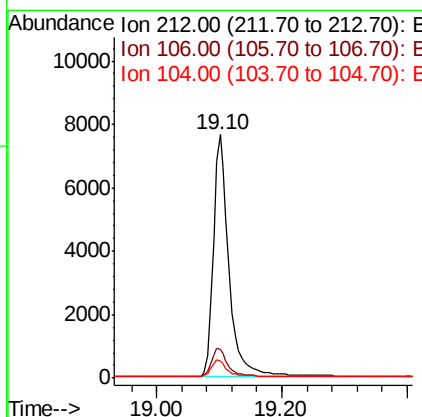
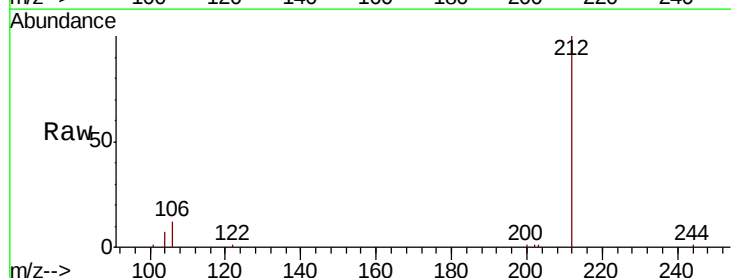
Ion	Ratio	Lower	Upper
266	100		
264	88.2	53.4	80.0#
268	111.8	58.9	88.3#

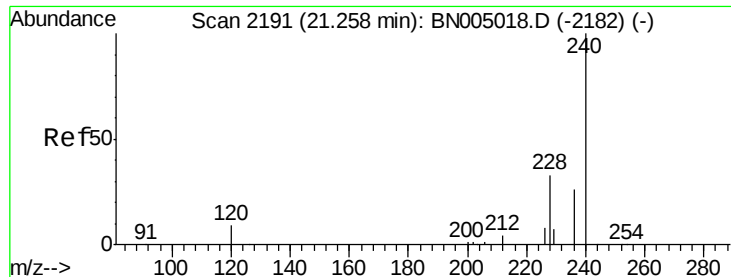


#25
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.10 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BN005057.D
Acq: 02 Apr 2019 12:13

Tgt Ion: 212 Resp: 13158

Ion	Ratio	Lower	Upper
212	100		
106	12.0	9.4	14.2
104	6.6	5.4	8.0





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BN005057.D

Acq: 02 Apr 2019 12:13

Instrument :

BNA_N

ClientSampleId :

PB118217BL

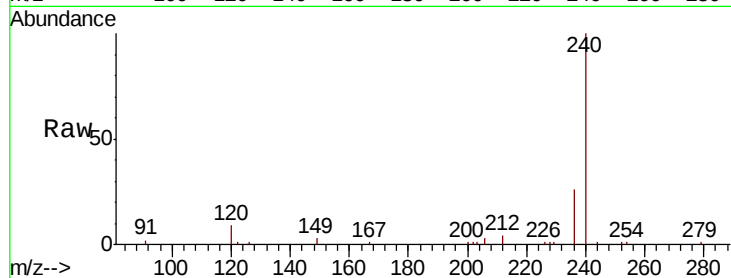
Tgt Ion:240 Resp: 12475

Ion Ratio Lower Upper

240 100

120 8.9 7.4 11.0

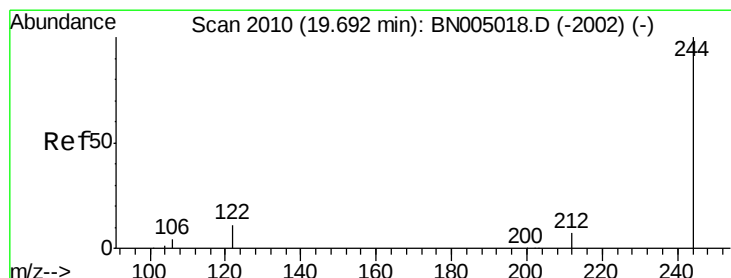
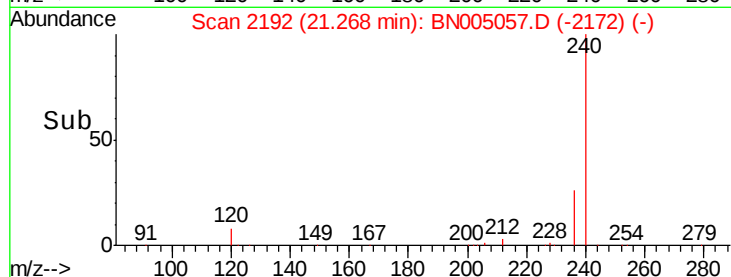
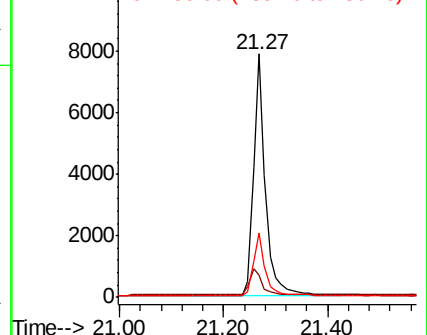
236 26.5 21.0 31.6



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: 0.415 ng

RT: 19.70 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BN005057.D

Acq: 02 Apr 2019 12:13

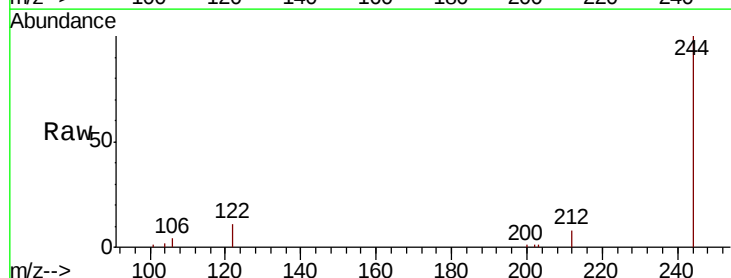
Tgt Ion:244 Resp: 10627

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

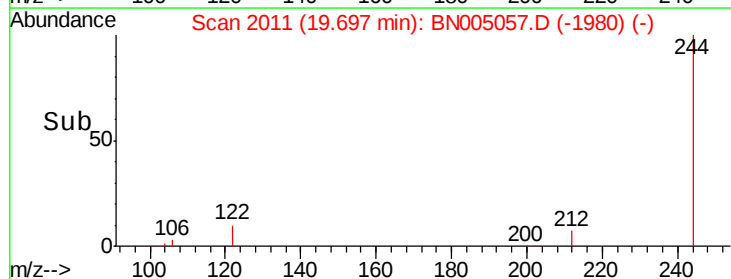
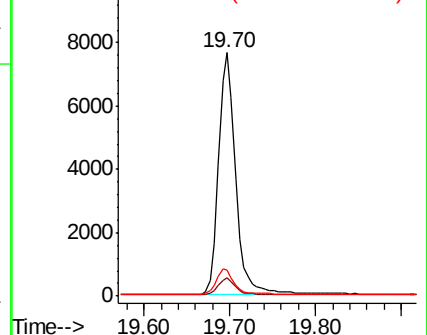
122 10.8 9.0 13.4

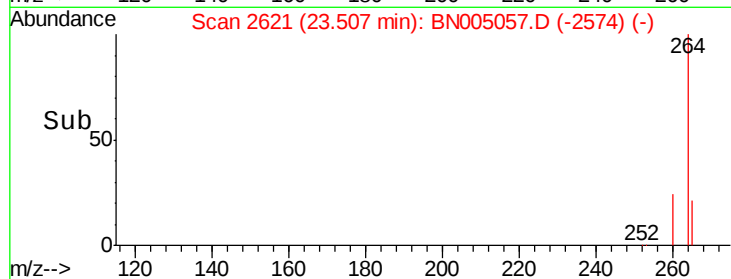
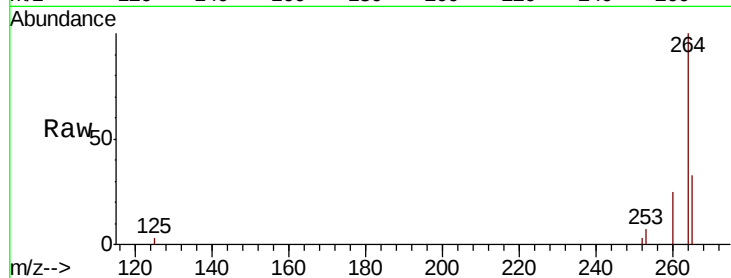
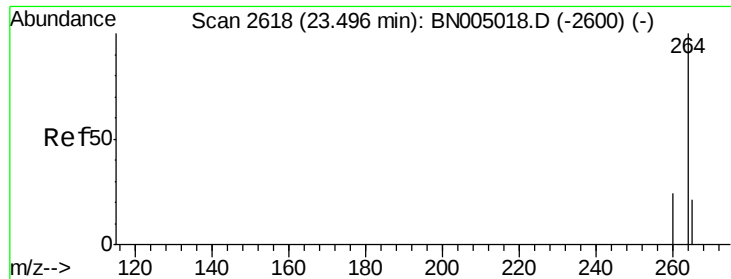


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.51 min Scan# 2621

Delta R.T. 0.01 min

Lab File: BN005057.D

Acq: 02 Apr 2019 12:13

Instrument :

BNA_N

ClientSampleId :

PB118217BL

Tgt Ion:264 Resp: 11584

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.0

265 33.2 22.5 33.7

