

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 02:04:43 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

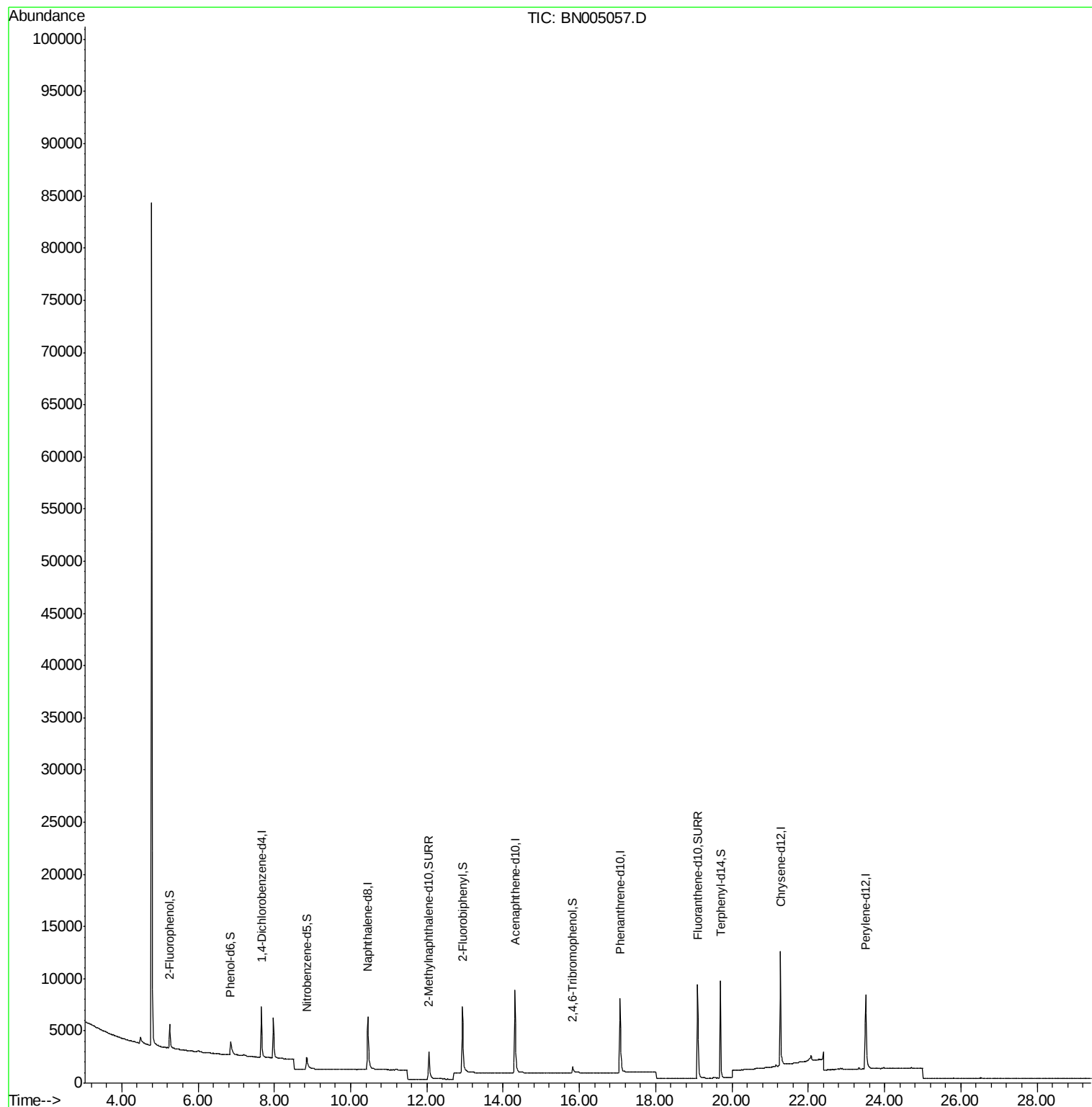
Target Compounds	Qvalue
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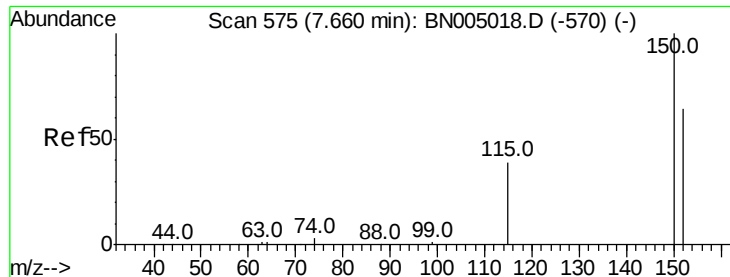
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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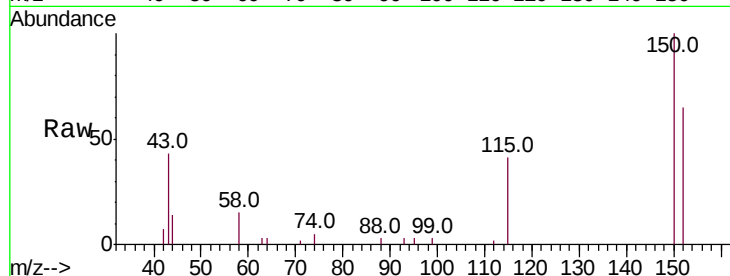


#1

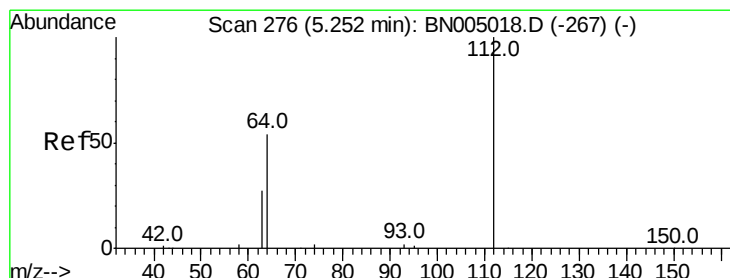
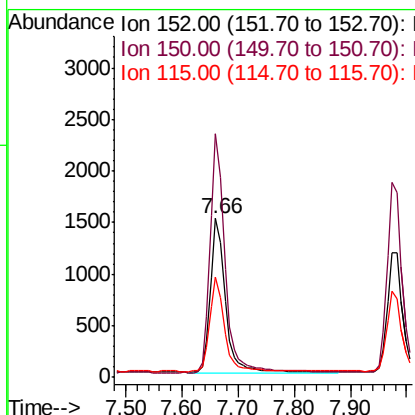
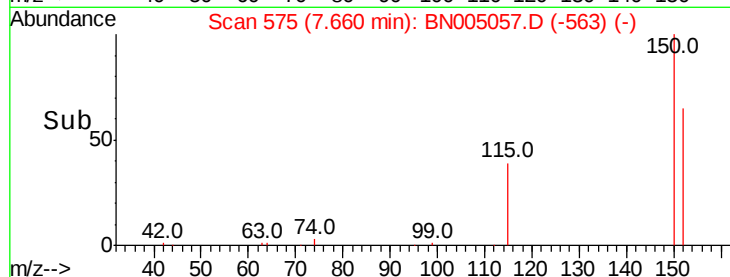
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BN005057.D
Acq: 02 Apr 2019 12:13

Instrument :
BNA_N
ClientSampleId :
PB118217BL

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



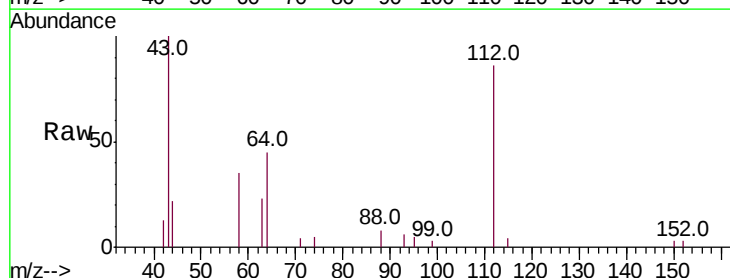
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



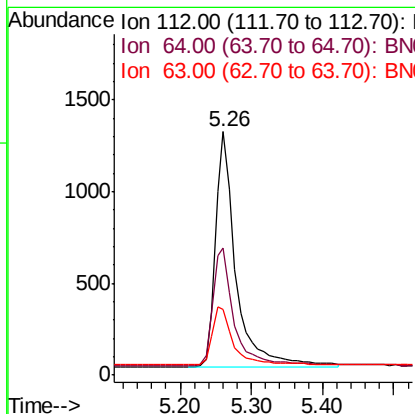
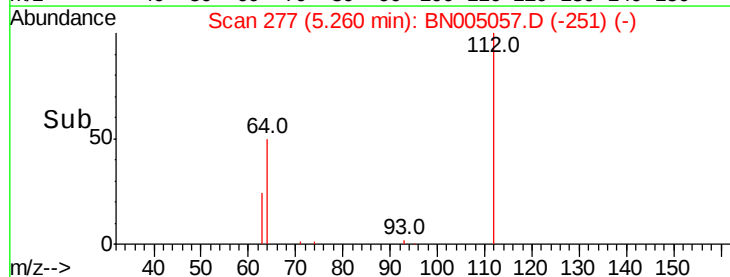
#4

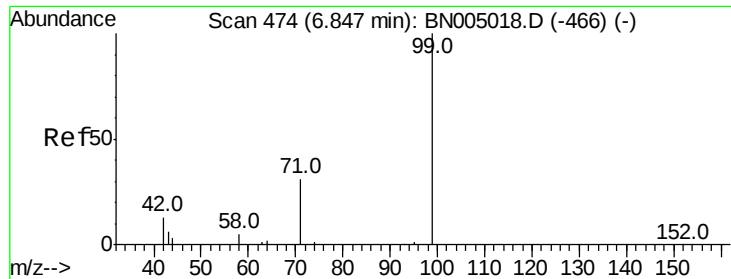
2-Fluorophenol
Concen: 0.374 ng
RT: 5.26 min Scan# 277
Delta R.T. 0.01 min
Lab File: BN005057.D
Acq: 02 Apr 2019 12:13

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

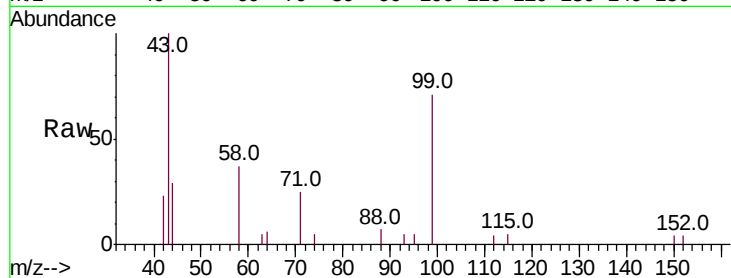
Tot Ion: 99 Resp: 2670

Ion Ratio Lower Upper

99 100

42 13.7 12.2 18.2

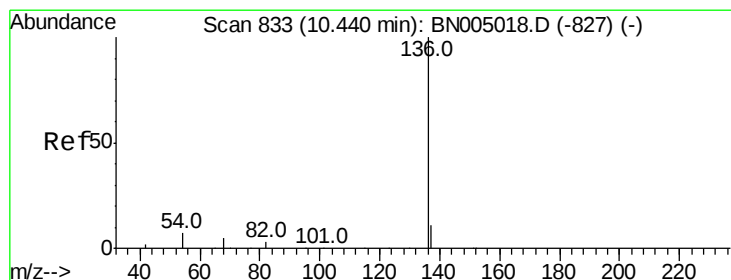
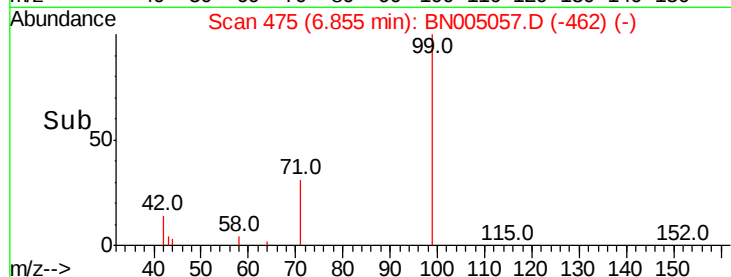
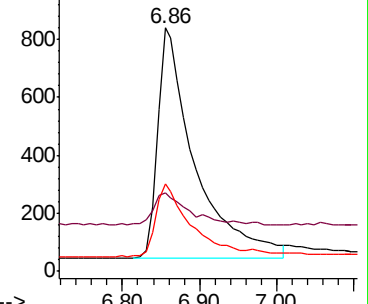
71 32.2 26.1 39.1



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) (-)



#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

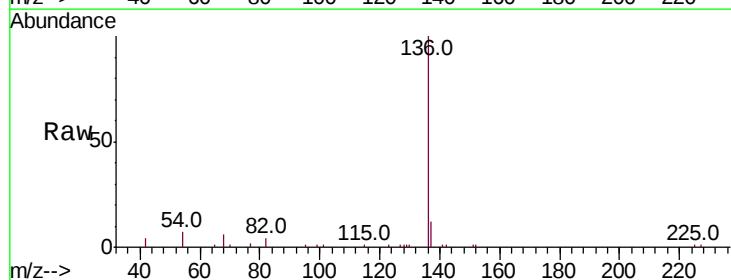
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 6.5 6.0 9.0

68 5.7 5.0 7.6

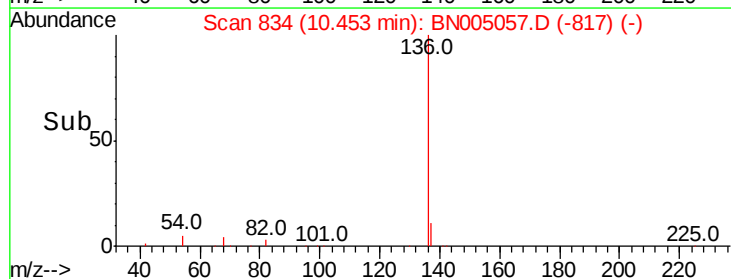
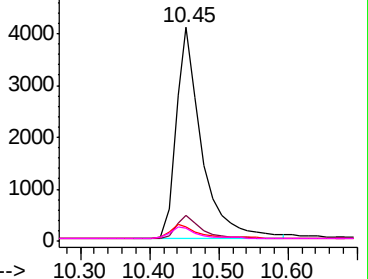


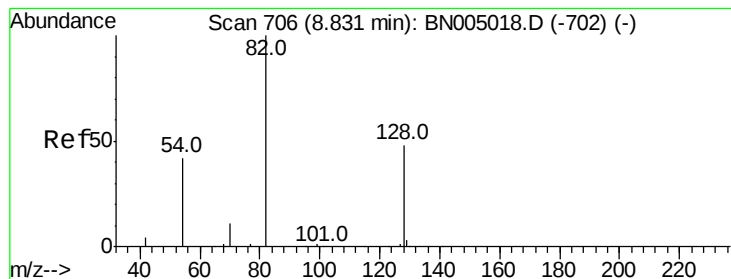
Abundance Ion 136.00 (135.70 to 136.70): BN005018.D (-827) (-)

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) (-)





#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

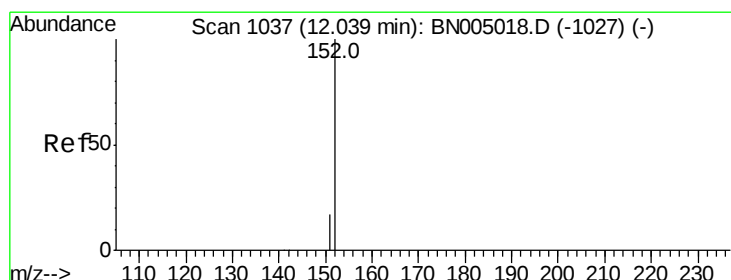
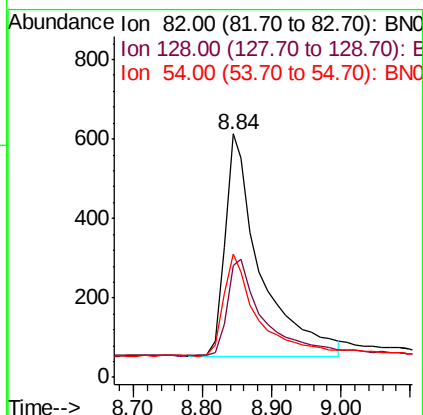
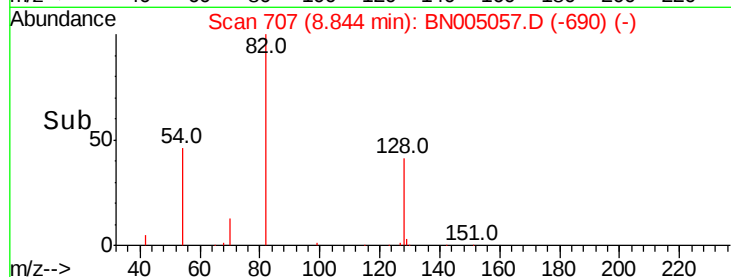
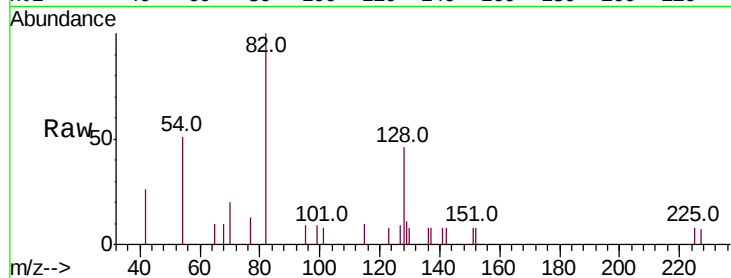
Tot Ion: 82 Resp: 1997

Ion Ratio Lower Upper

82 100

128 46.2 40.5 60.7

54 50.6 35.7 53.5



#11

2-Methylnaphthalene-d10

Concen: 0.345 ng

RT: 12.05 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BN005057.D

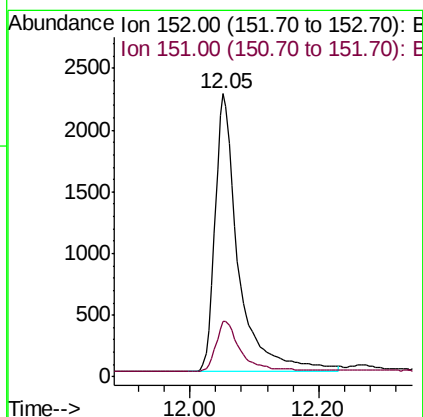
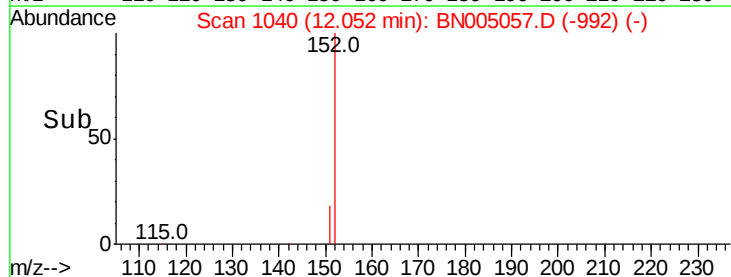
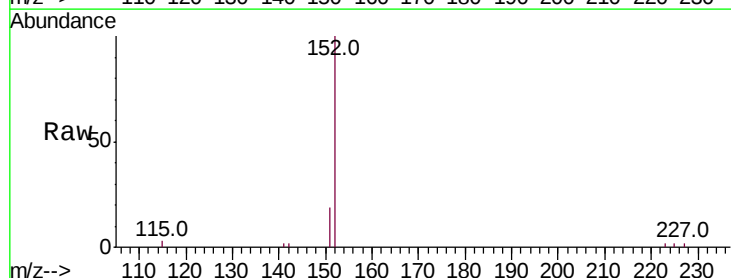
Acq: 02 Apr 2019 12:13

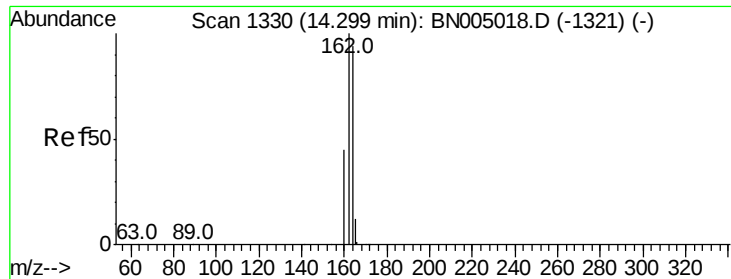
Tgt Ion: 152 Resp: 5611

Ion Ratio Lower Upper

152 100

151 19.4 15.3 22.9





#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

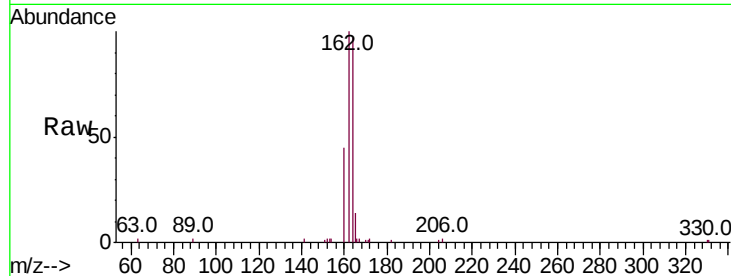
Tot Ion:164 Resp: 5787

Ion Ratio Lower Upper

164 100

162 102.9 85.3 127.9

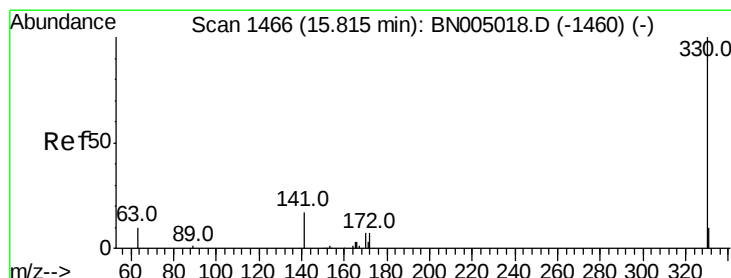
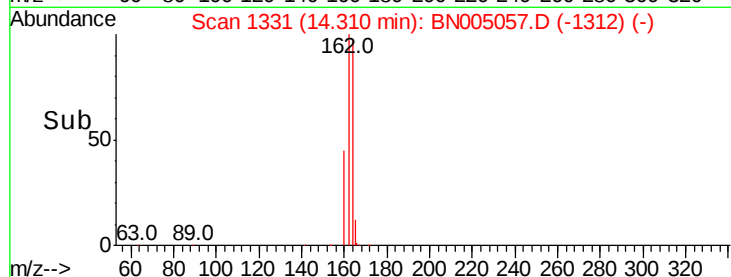
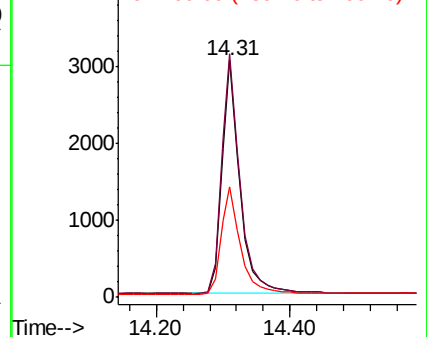
160 46.8 39.2 58.8



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: 0.255 ng

RT: 15.83 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BN005057.D

Acq: 02 Apr 2019 12:13

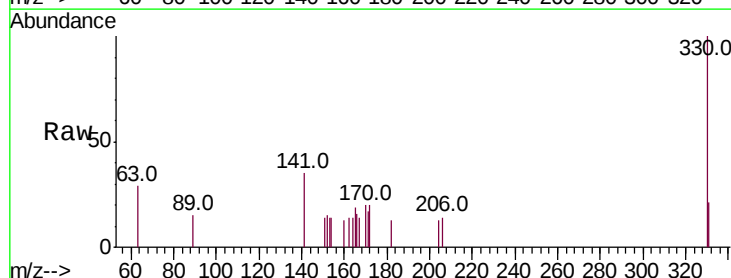
Tgt Ion:330 Resp: 829

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

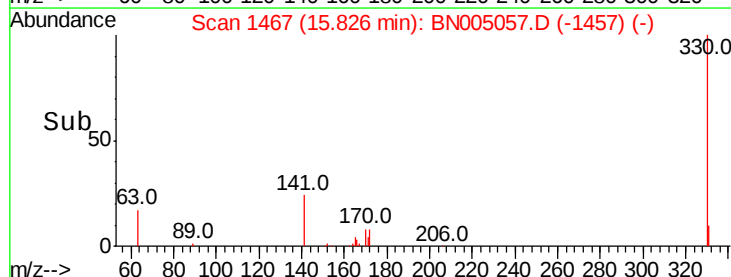
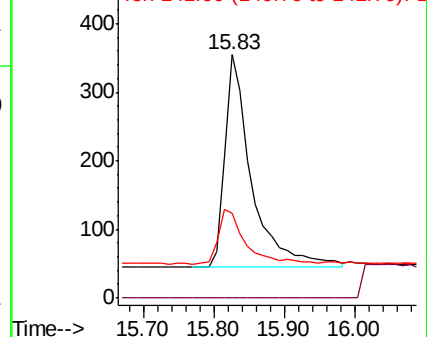
141 26.4 21.3 31.9

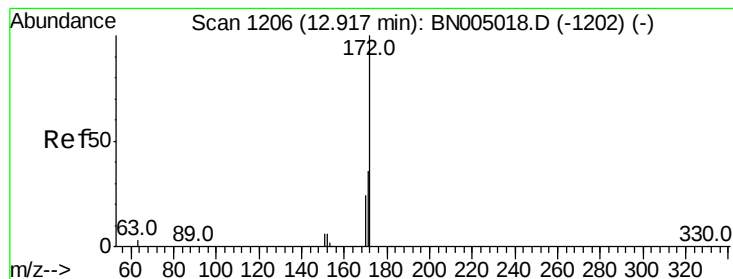


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.386 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

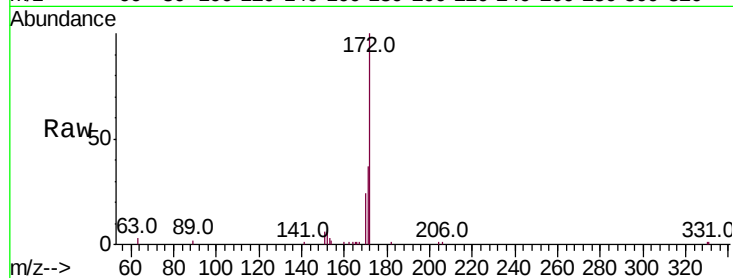
Tot Ion:172 Resp: 8431

Ion Ratio Lower Upper

172 100

171 36.8 29.4 44.0

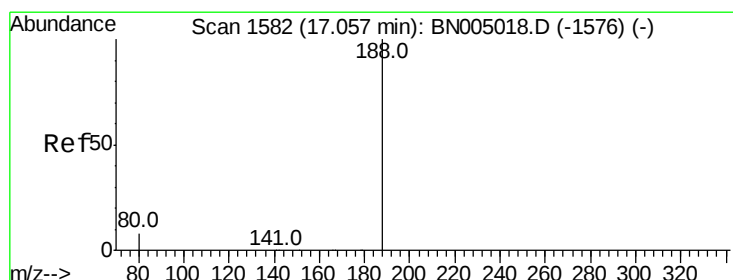
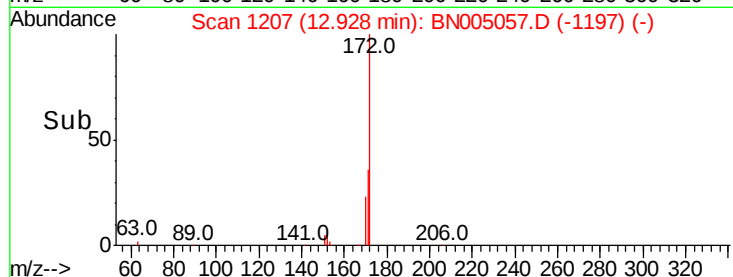
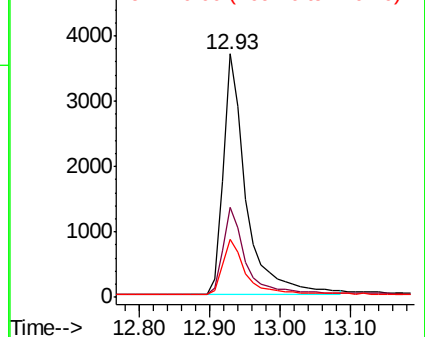
170 23.9 20.0 30.0



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

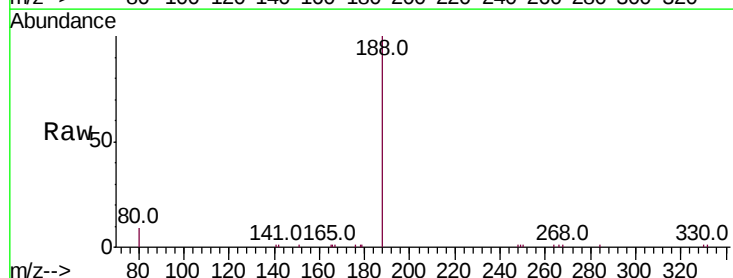
Tgt Ion:188 Resp: 13222

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

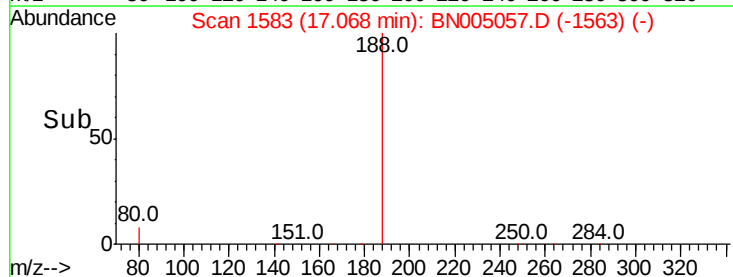
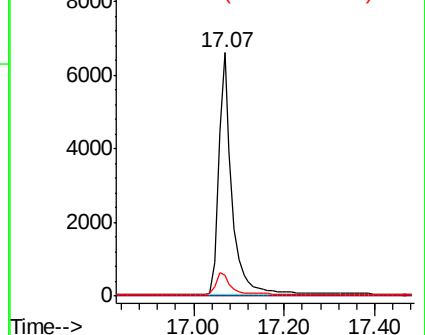
80 8.7 6.9 10.3

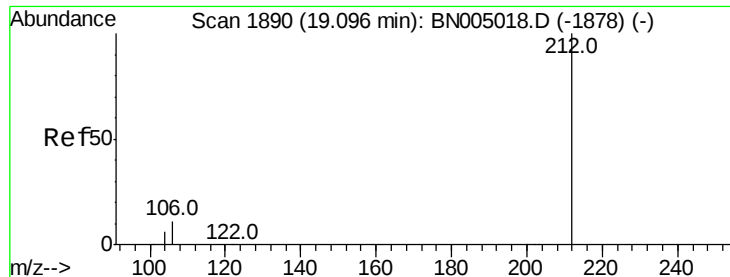


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#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

Instrument :

BNA_N

ClientSampleId :

PB118217BL

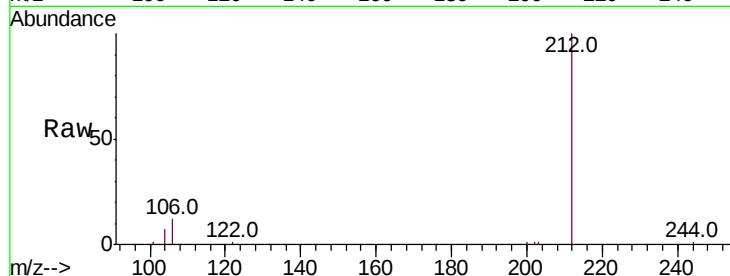
Tot Ion:212 Resp: 13158

Ion Ratio Lower Upper

212 100

106 12.0 9.4 14.2

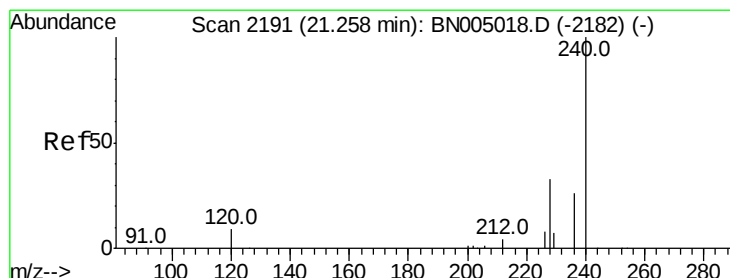
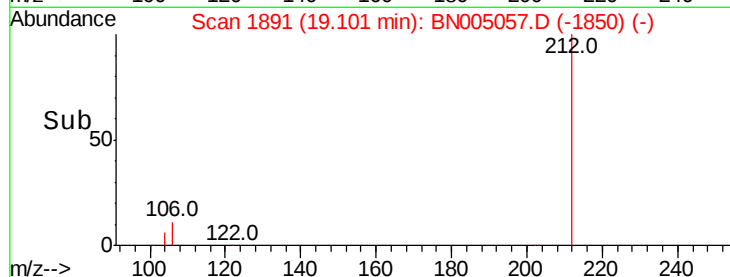
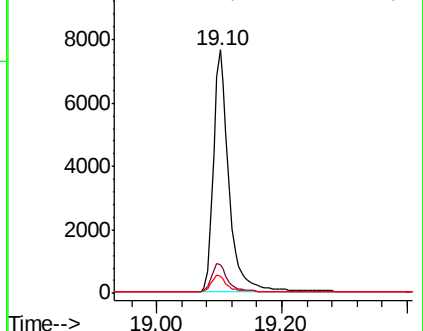
104 6.6 5.4 8.0



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# 2192

Delta R.T. 0.01 min

Lab File: BN005057.D

Acq: 02 Apr 2019 12:13

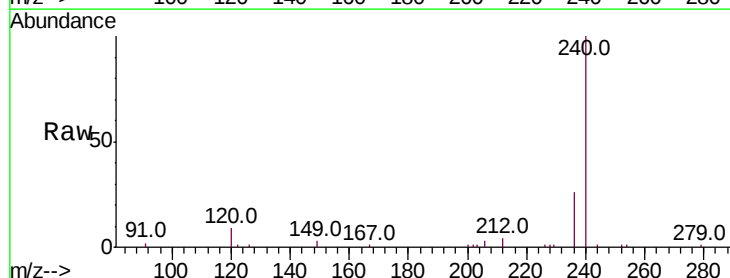
Tgt Ion:240 Resp: 12475

Ion Ratio Lower Upper

240 100

120 8.9 7.4 11.0

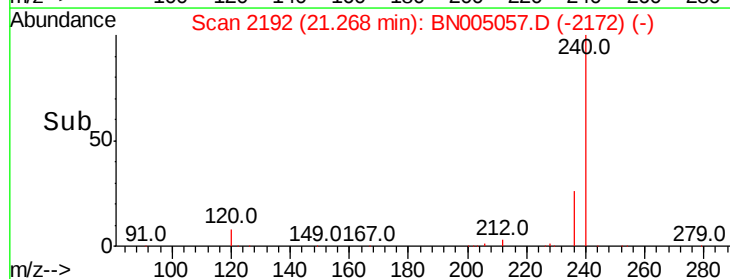
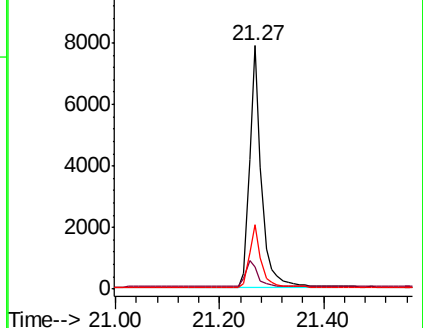
236 26.5 21.0 31.6

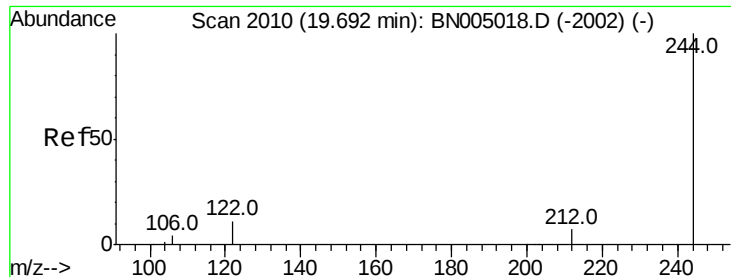


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

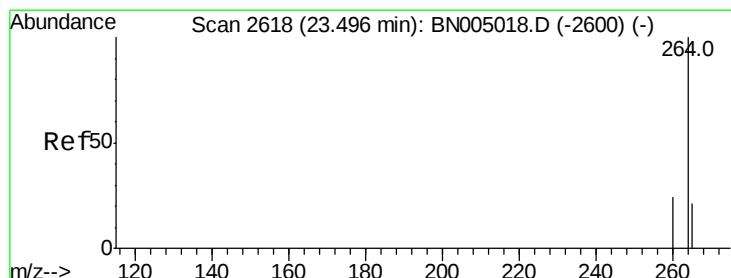
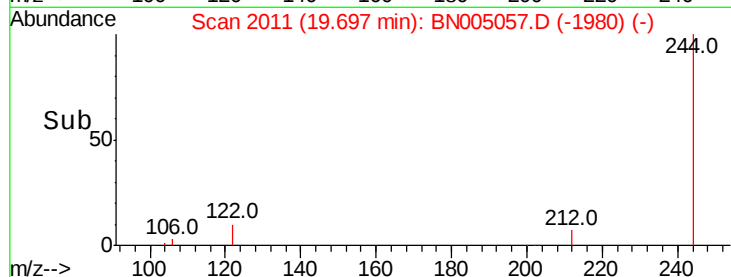
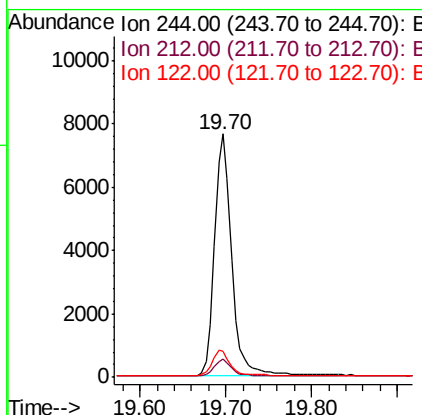
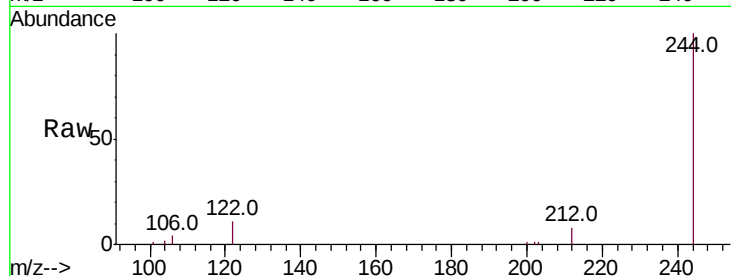




#29
 Terphenyl-d14
 Concen: 0.415 ng
 RT: 19.70 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BN005057.D
 Acq: 02 Apr 2019 12:13

Instrument :
 BNA_N
 ClientSampleId :
 PB118217BL

Tot Ion:244 Resp: 10627
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 10.8 9.0 13.4



#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

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

