

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032919\
 Data File : BN005032.D
 Acq On : 29 Mar 2019 14:06
 Operator : JU/SJ
 Sample : PB117525BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB117525BL

Quant Time: Mar 29 23:49:08 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

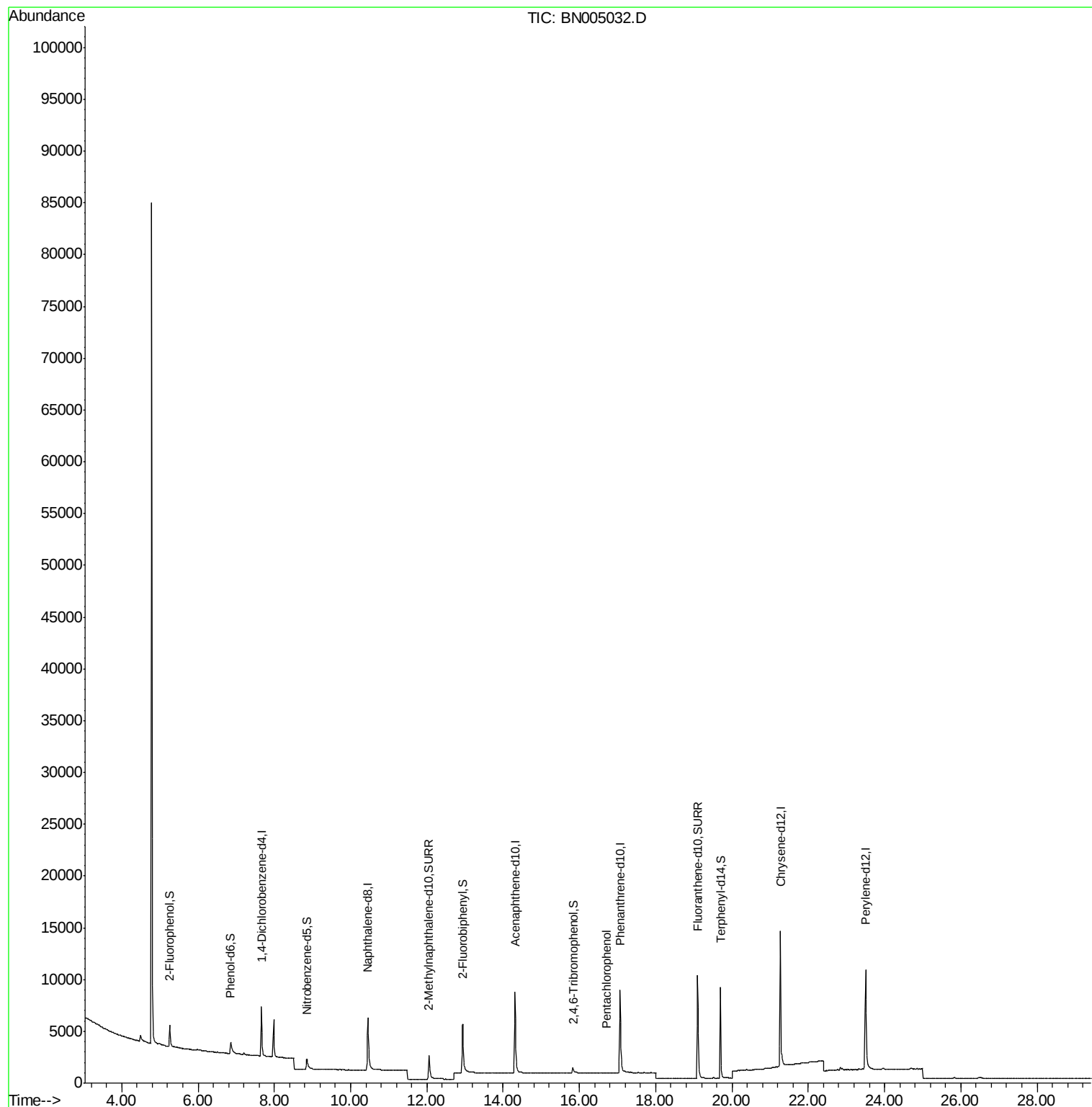
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2751	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	10566	0.40	ng	0.01
13) Acenaphthene-d10	14.31	164	5971	0.40	ng	0.01
19) Phenanthrene-d10	17.07	188	15034	0.40	ng	0.01
27) Chrysene-d12	21.27	240	16175	0.40	ng	0.01
34) Perylene-d12	23.50	264	15261	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	2264	0.33	ng	0.00
5) Phenol-d6	6.86	99	2338	0.29	ng	0.02
8) Nitrobenzene-d5	8.86	82	1716	0.28	ng	0.03
11) 2-Methylnaphthalene-d10	12.06	152	5207	0.32	ng	0.02
14) 2,4,6-Tribromophenol	15.84	330	761	0.23	ng	0.02
15) 2-Fluorobiphenyl	12.94	172	7376	0.33	ng	0.02
25) Fluoranthene-d10	19.10	212	14444	0.34	ng	0.00
29) Terphenyl-d14	19.70	244	10445	0.31	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.72	266	1	0.090	ng	Qvalue # 61

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

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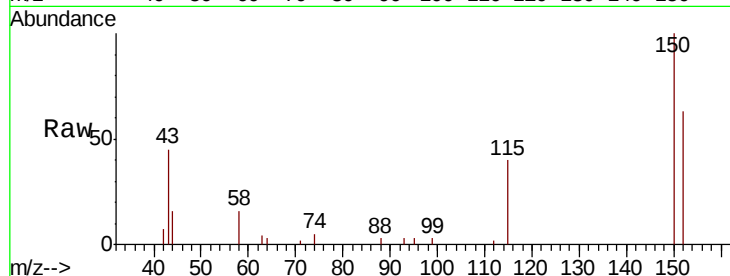


#1

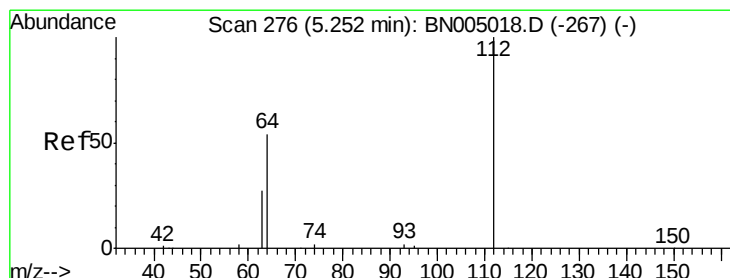
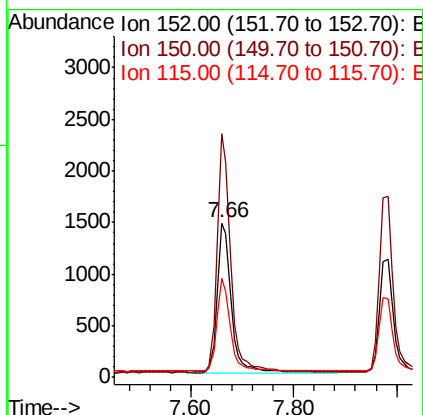
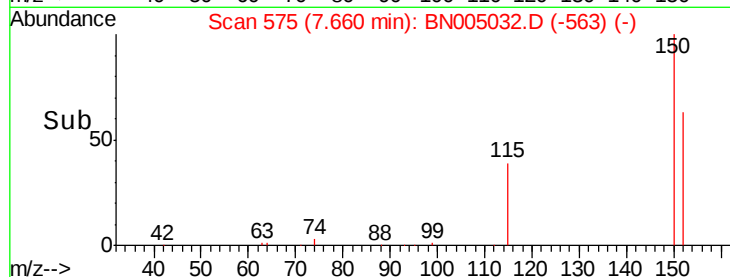
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BN005032.D
Acq: 29 Mar 2019 14:06

Instrument :
BNA_N
ClientSampleId :
PB117525BL

Tgt Ion:152 Resp: 2751
Ion Ratio Lower Upper
152 100
150 158.0 123.4 185.2
115 64.0 50.0 75.0



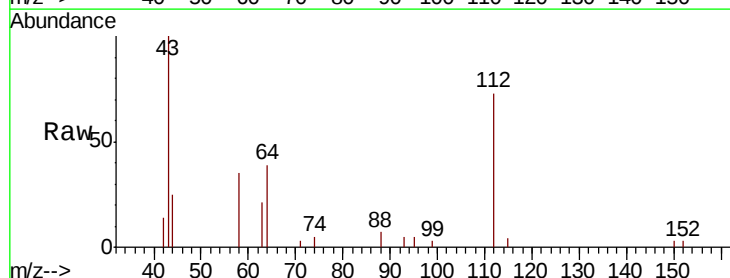
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



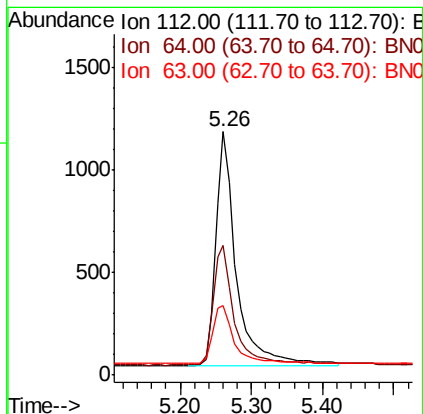
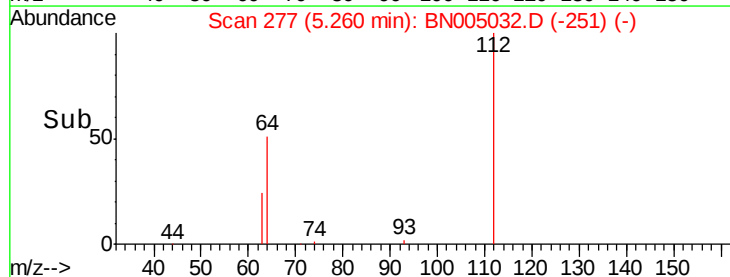
#4

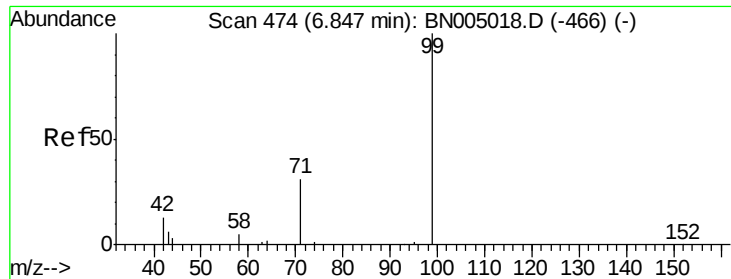
2-Fluorophenol
Concen: 0.330 ng
RT: 5.26 min Scan# 277
Delta R.T. 0.01 min
Lab File: BN005032.D
Acq: 29 Mar 2019 14:06

Tgt Ion:112 Resp: 2264
Ion Ratio Lower Upper
112 100
64 52.8 41.9 62.9
63 26.7 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: 0.287 ng

RT: 6.86 min Scan# 476

Delta R.T. 0.02 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB117525BL

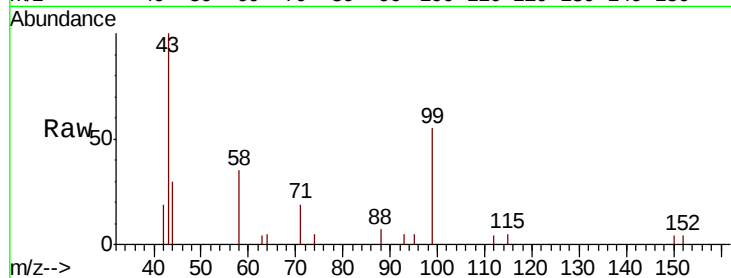
Tgt Ion: 99 Resp: 2338

Ion Ratio Lower Upper

99 100

42 14.6 12.2 18.2

71 32.5 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) (-)

6.86

800

600

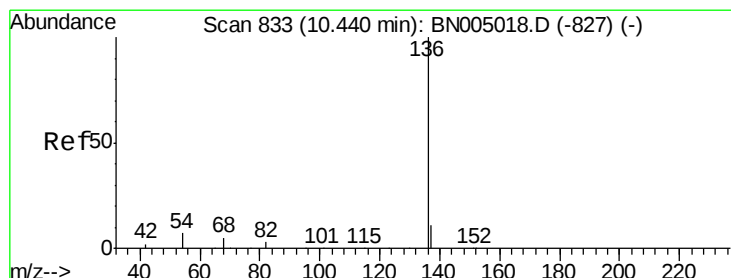
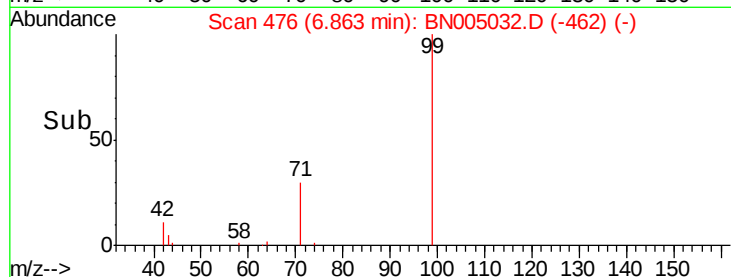
400

200

0

6.70 6.80 6.90 7.00

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 834

Delta R.T. 0.01 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

Tgt Ion: 136 Resp: 10566

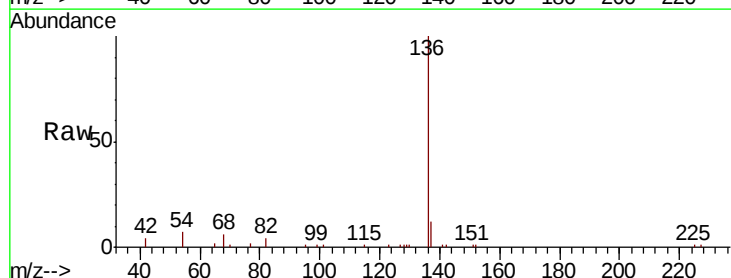
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 7.0 6.0 9.0

68 6.0 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) (-)

10.45

6000

5000

4000

3000

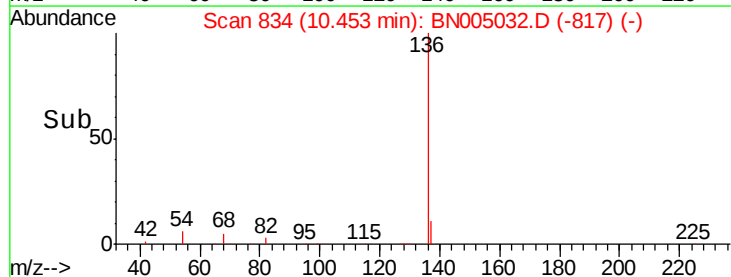
2000

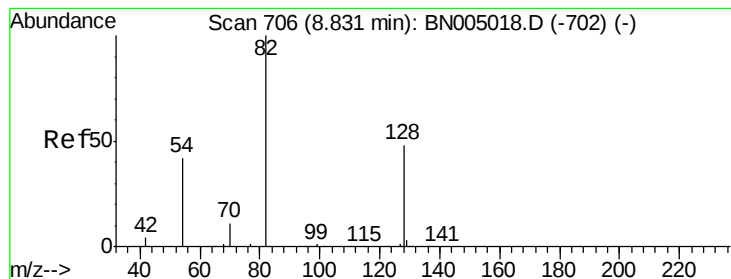
1000

0

10.40 10.50 10.60

Time-->





#8

Nitrobenzene-d5

Concen: 0.280 ng

RT: 8.86 min Scan# 708

Delta R.T. 0.03 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB117525BL

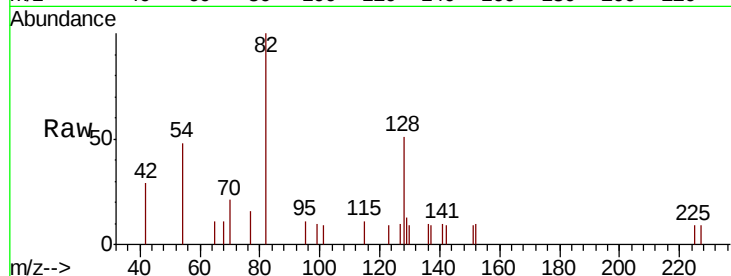
Tgt Ion: 82 Resp: 1716

Ion Ratio Lower Upper

82 100

128 50.8 40.5 60.7

54 48.4 35.7 53.5

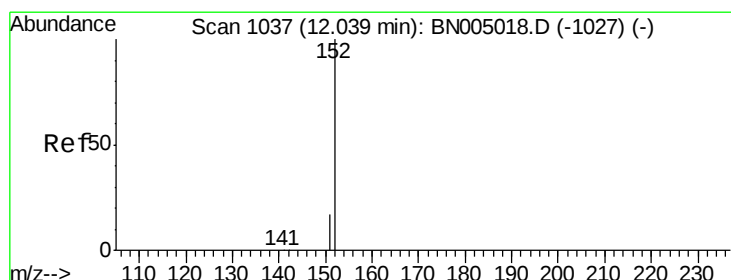
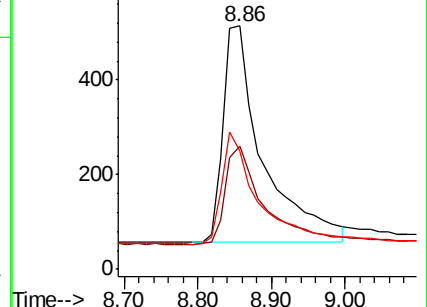
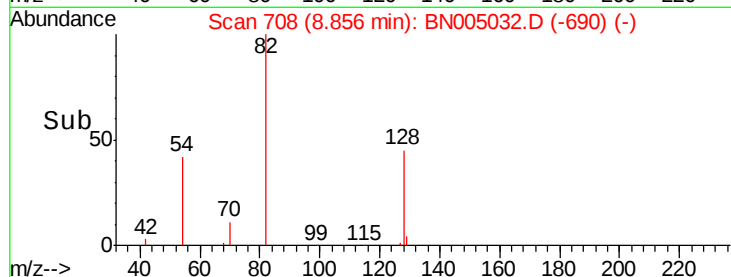


Abundance Ion 82.00 (81.70 to 82.70): BN005018.D (-702) (-)

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

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

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.318 ng

RT: 12.06 min Scan# 1041

Delta R.T. 0.02 min

Lab File: BN005032.D

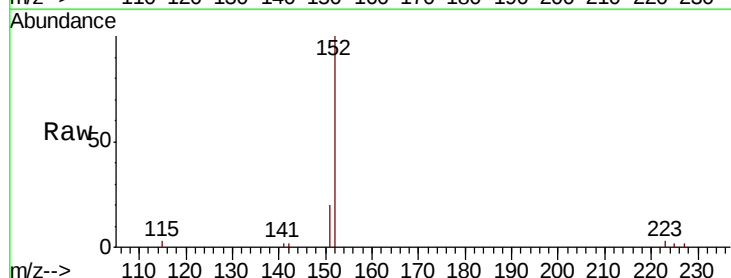
Acq: 29 Mar 2019 14:06

Tgt Ion: 152 Resp: 5207

Ion Ratio Lower Upper

152 100

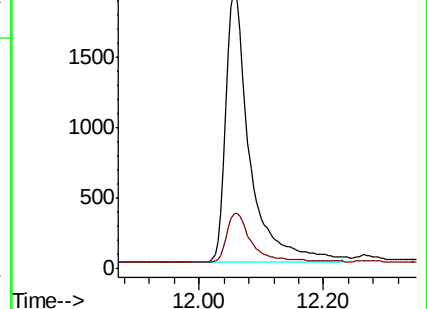
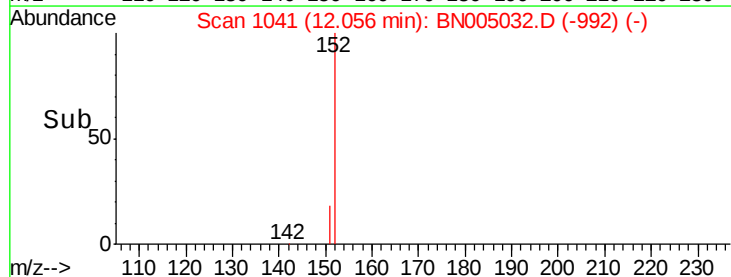
151 19.5 15.3 22.9

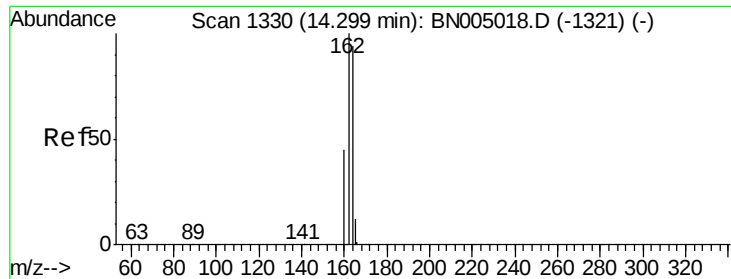


Abundance Ion 152.00 (151.70 to 152.70): BN005018.D (-1027) (-)

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

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB117525BL

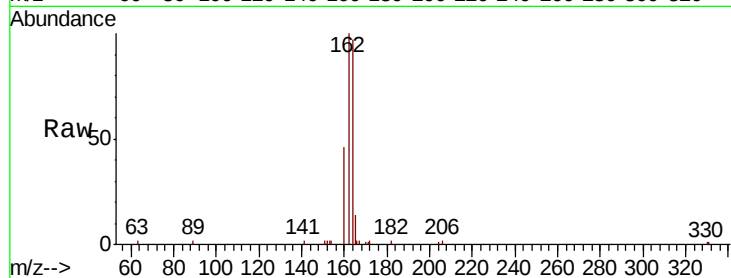
Tgt Ion:164 Resp: 5971

Ion Ratio Lower Upper

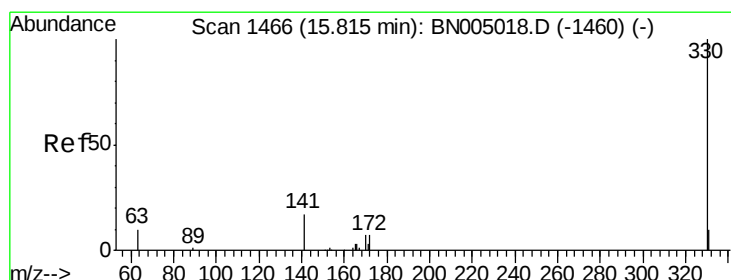
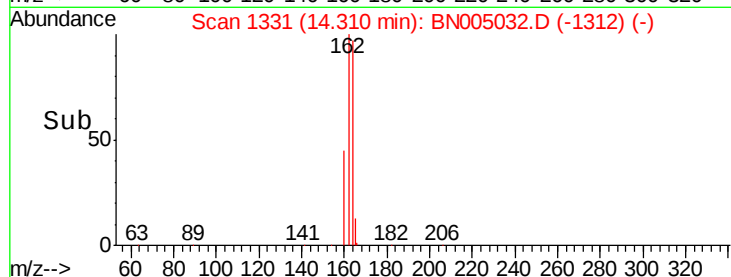
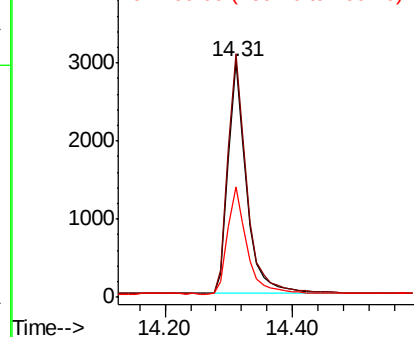
164 100

162 103.3 85.3 127.9

160 47.1 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: 0.227 ng

RT: 15.84 min Scan# 1468

Delta R.T. 0.02 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

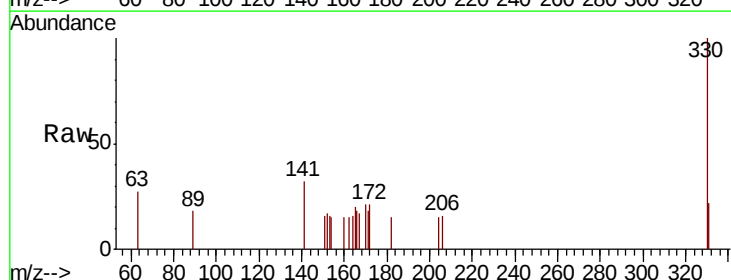
Tgt Ion:330 Resp: 761

Ion Ratio Lower Upper

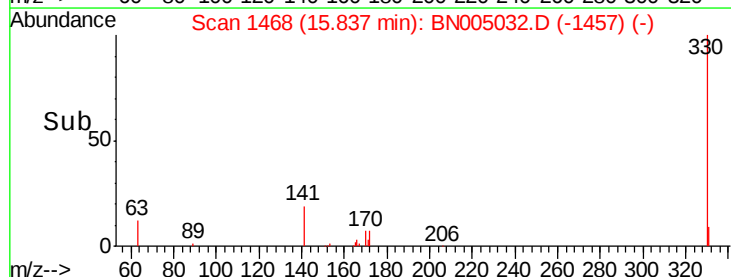
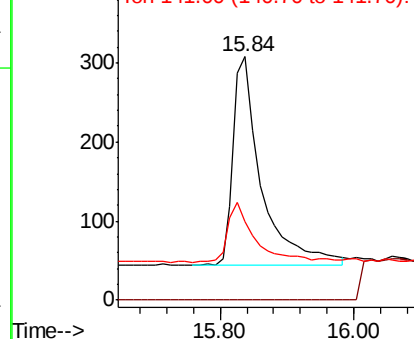
330 100

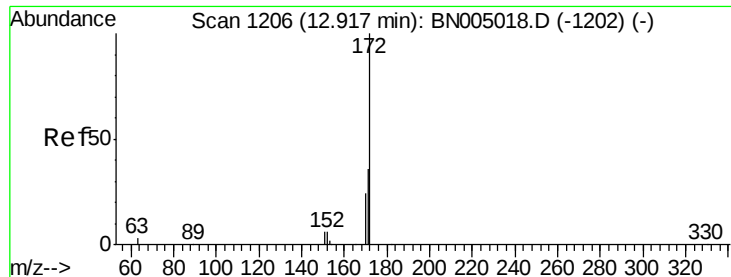
332 0.0 0.0 0.0

141 28.4 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

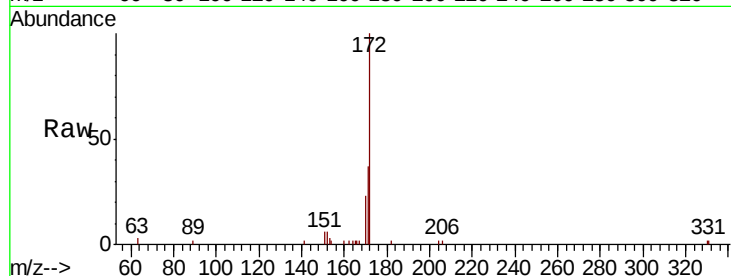




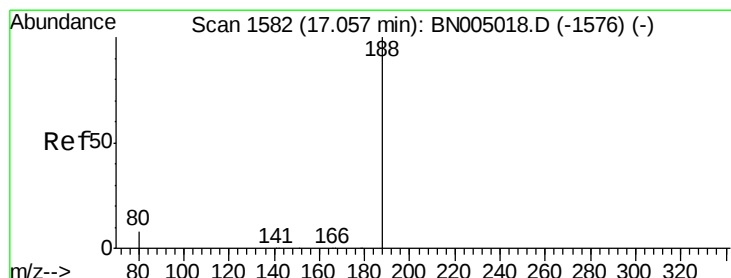
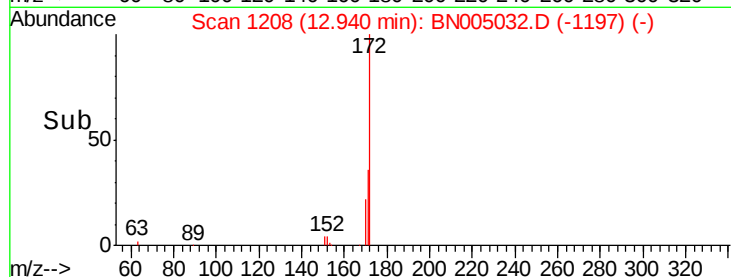
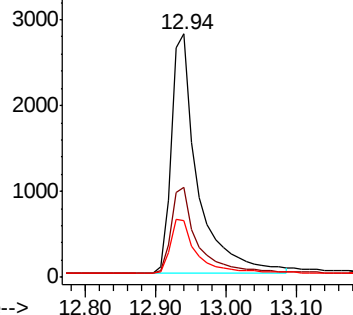
#15
 2-Fluorobiphenyl
 Concen: 0.327 ng
 RT: 12.94 min Scan# 1208
 Delta R.T. 0.02 min
 Lab File: BN005032.D
 Acq: 29 Mar 2019 14:06

Instrument :
 BNA_N
 ClientSampleId :
 PB117525BL

Tgt Ion:172 Resp: 7376
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 23.4 20.0 30.0

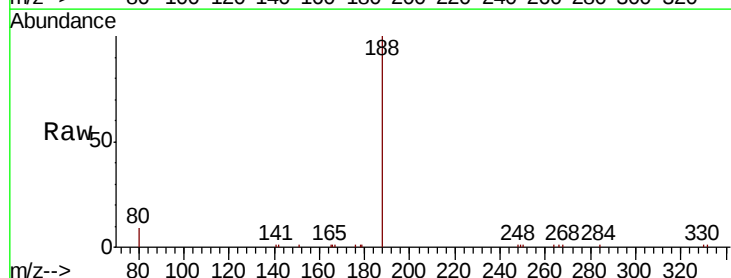


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

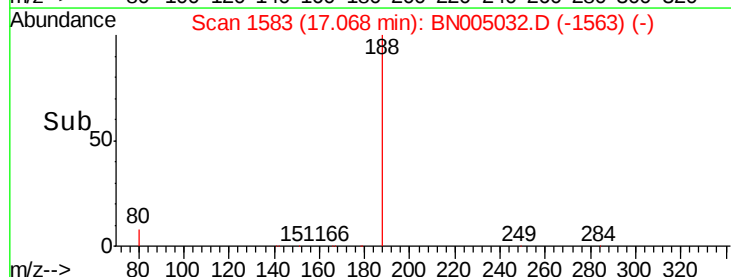
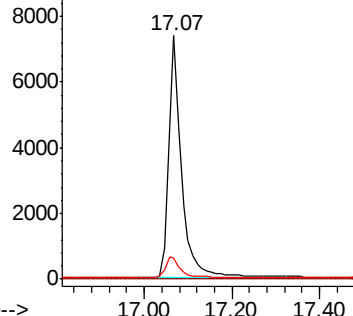


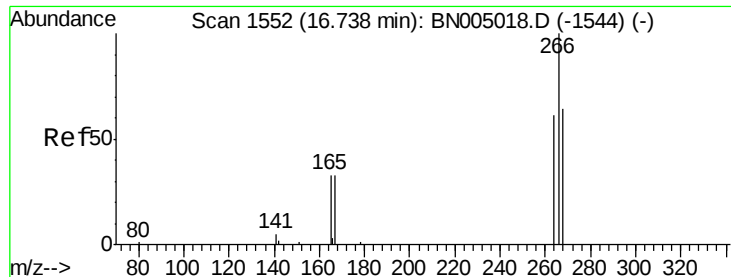
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.07 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BN005032.D
 Acq: 29 Mar 2019 14:06

Tgt Ion:188 Resp: 15034
 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

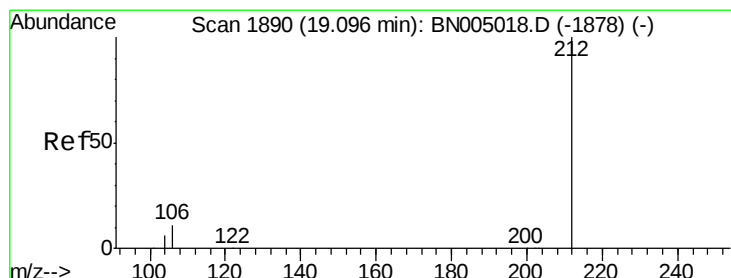
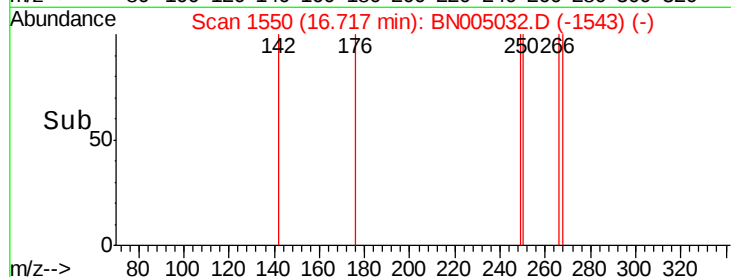
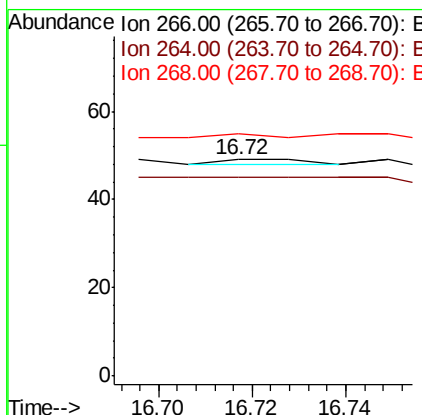
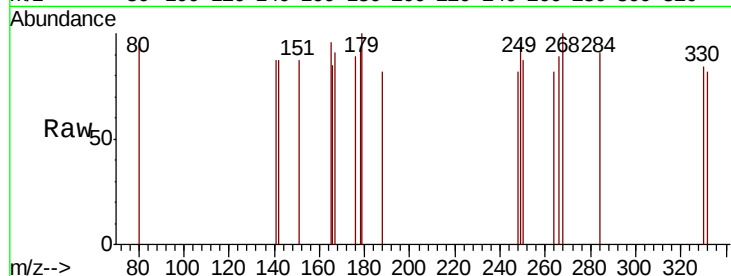




#22
 Pentachlorophenol
 Concen: 0.090 ng
 RT: 16.72 min Scan# 1550
 Delta R.T. -0.02 min
 Lab File: BN005032.D
 Acq: 29 Mar 2019 14:06

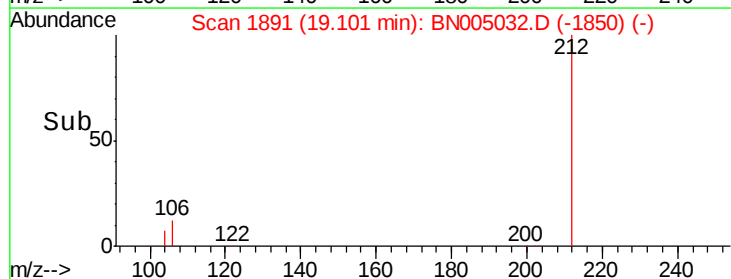
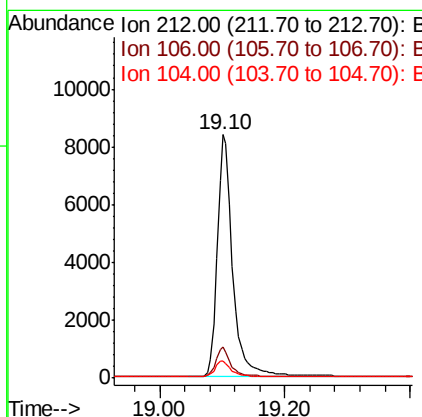
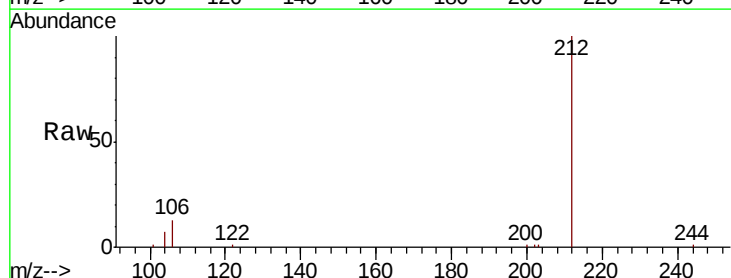
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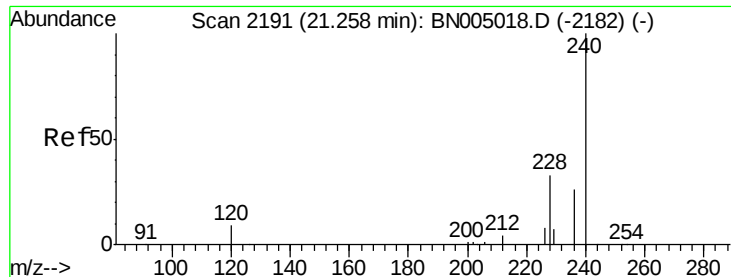
Tgt Ion: 266 Resp: 1
 Ion Ratio Lower Upper
 266 100
 264 91.8 53.4 80.0#
 268 112.2 58.9 88.3#



#25
 Fluoranthene-d10
 Concen: 0.336 ng
 RT: 19.10 min Scan# 1891
 Delta R.T. 0.01 min
 Lab File: BN005032.D
 Acq: 29 Mar 2019 14:06

Tgt Ion: 212 Resp: 14444
 Ion Ratio Lower Upper
 212 100
 106 11.7 9.4 14.2
 104 6.5 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: BN005032.D

Acq: 29 Mar 2019 14:06

Instrument :

BNA_N

ClientSampleID :

PB117525BL

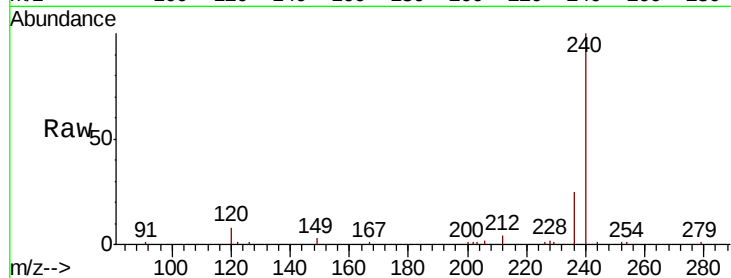
Tgt Ion:240 Resp: 16175

Ion Ratio Lower Upper

240 100

120 7.7 7.4 11.0

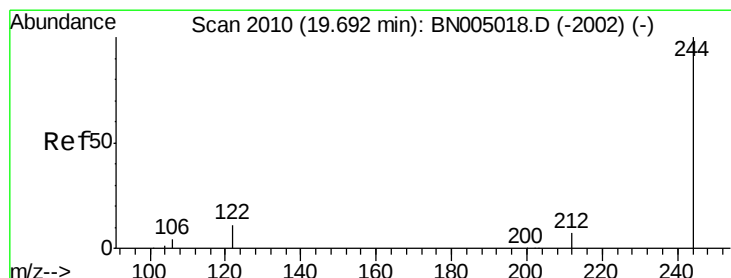
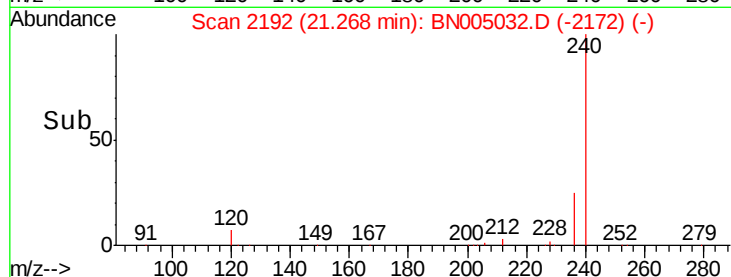
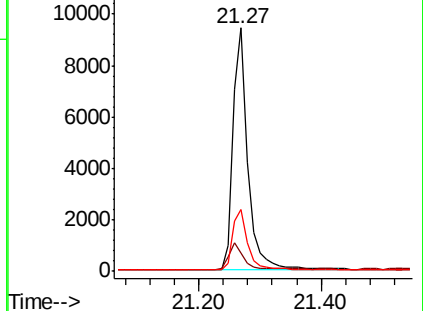
236 25.4 21.0 31.6



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: 0.314 ng

RT: 19.70 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

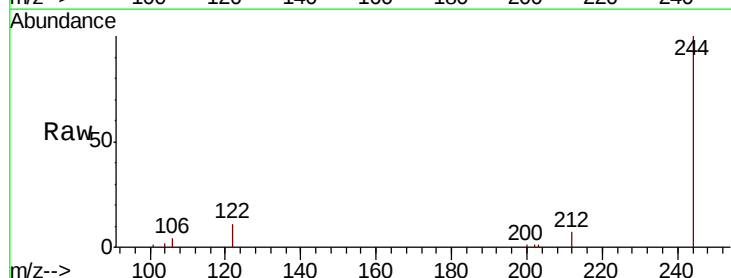
Tgt Ion:244 Resp: 10445

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

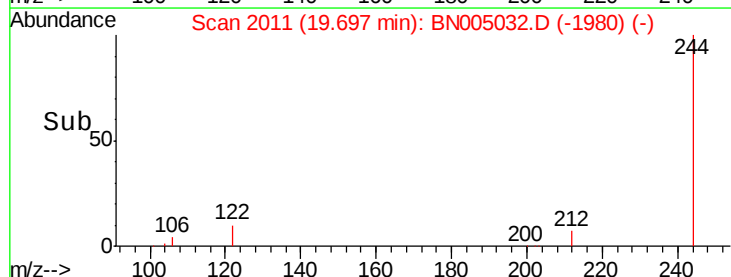
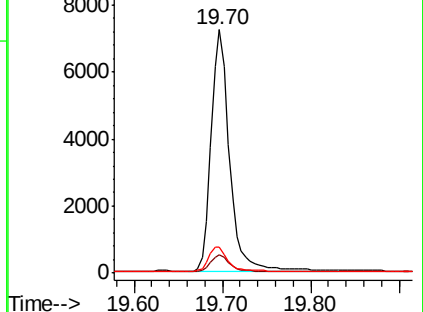
122 10.8 9.0 13.4

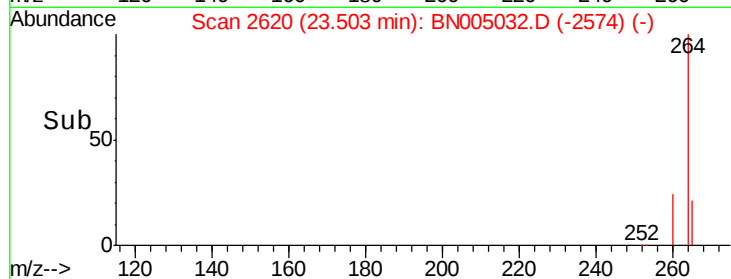
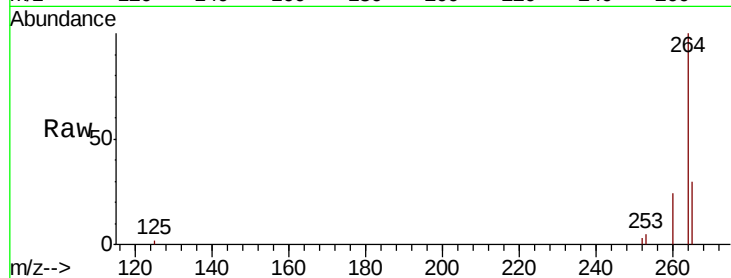
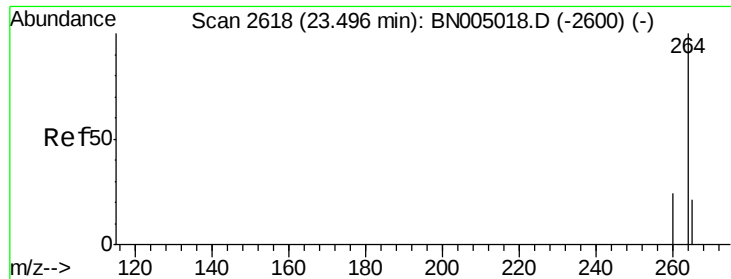


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.50 min Scan# 2620

Delta R.T. 0.01 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB117525BL

Tgt Ion:264 Resp: 15261

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

265 30.0 22.5 33.7

