

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032319\
 Data File : BN004921.D
 Acq On : 23 Mar 2019 15:33
 Operator : JU/SJ
 Sample : PB118204BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118204BL

Quant Time: Mar 24 01:00:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 16:06:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	1612	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	6109	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	3219	0.40	ng	-0.01
19) Phenanthrene-d10	17.09	188	7793	0.40	ng	0.00
27) Chrysene-d12	21.28	240	10721	0.40	ng	-0.01
34) Perylene-d12	23.53	264	12754	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.28	112	1409	0.32	ng	0.00
5) Phenol-d6	6.87	99	1637	0.30	ng	0.00
8) Nitrobenzene-d5	8.86	82	1333	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	2875	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	669	0.30	ng	-0.01
15) 2-Fluorobiphenyl	12.95	172	3934	0.30	ng	-0.01
25) Fluoranthene-d10	19.12	212	7747	0.30	ng	0.00
29) Terphenyl-d14	19.72	244	6566	0.30	ng	0.00

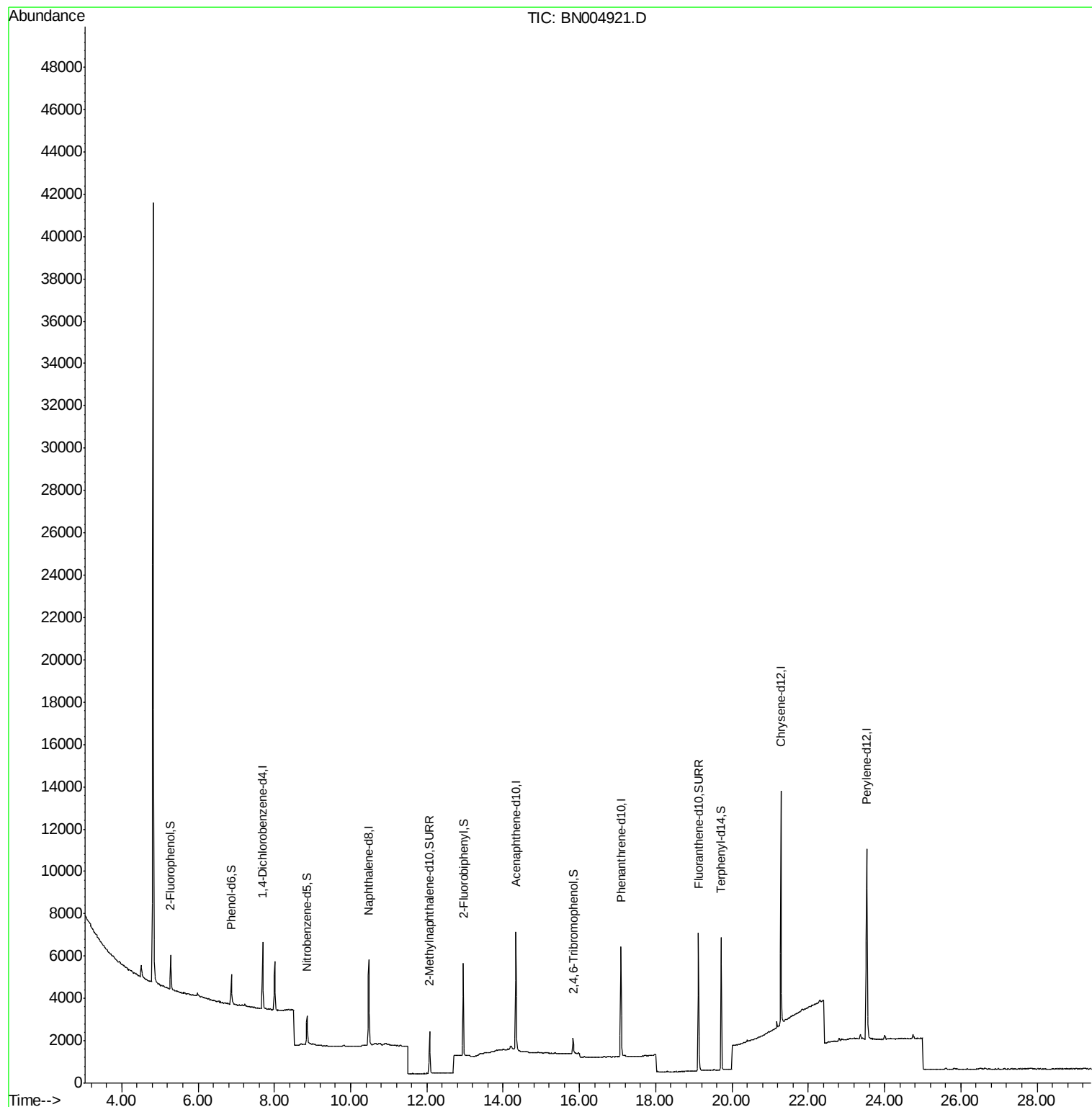
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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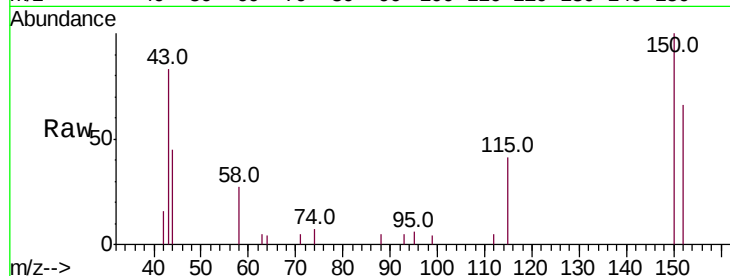


#1

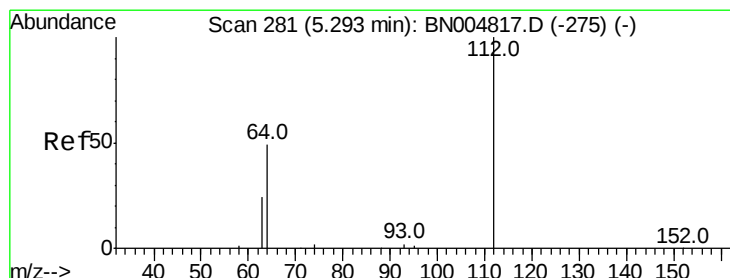
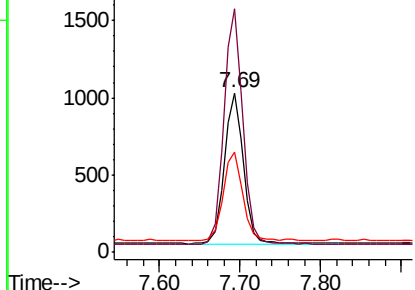
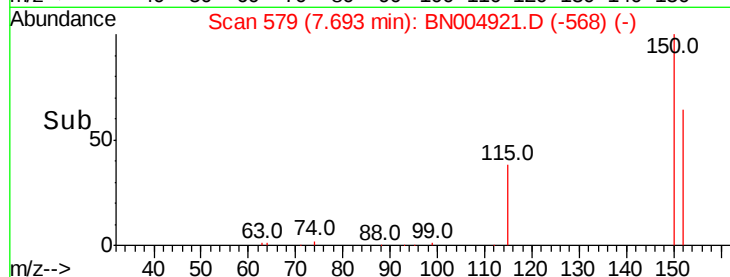
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.69 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BN004921.D
 Acq: 23 Mar 2019 15:33

Instrument :
 BNA_N
 ClientSampleId :
 PB118204BL

Tot Ion:152 Resp: 1612
 Ion Ratio Lower Upper
 152 100
 150 152.4 126.2 189.4
 115 63.2 52.6 79.0



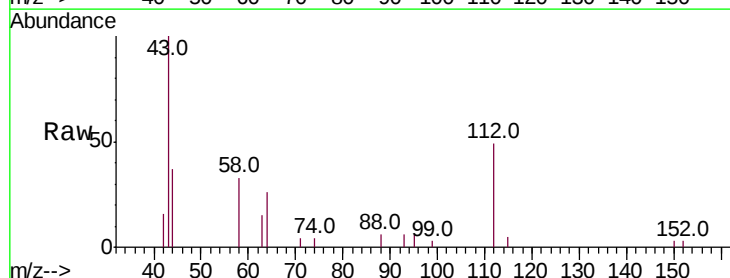
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



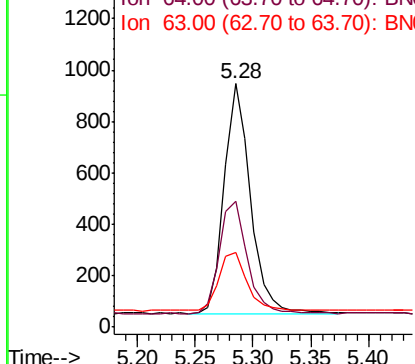
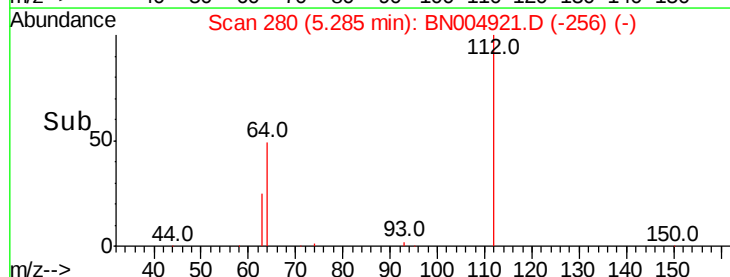
#4

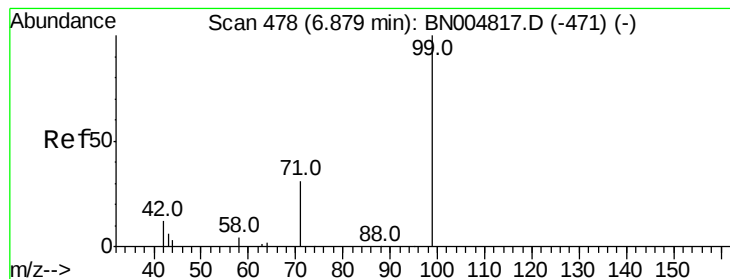
2-Fluorophenol
 Concen: 0.322 ng
 RT: 5.28 min Scan# 280
 Delta R.T. -0.01 min
 Lab File: BN004921.D
 Acq: 23 Mar 2019 15:33

Tgt Ion:112 Resp: 1409
 Ion Ratio Lower Upper
 112 100
 64 52.0 40.0 60.0
 63 27.0 20.2 30.2



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: 0.300 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN004921.D

Acq: 23 Mar 2019 15:33

Instrument :

BNA_N

ClientSampleId :

PB118204BL

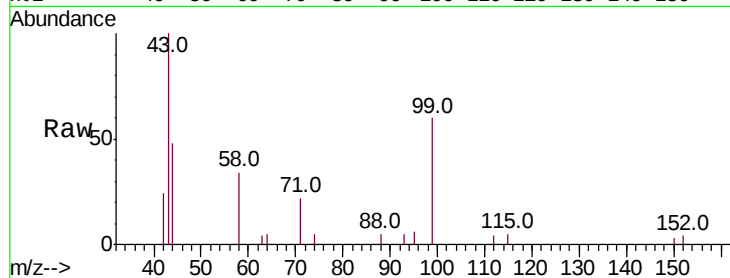
Tot Ion: 99 Resp: 1637

Ion Ratio Lower Upper

99 100

42 14.8 12.7 19.1

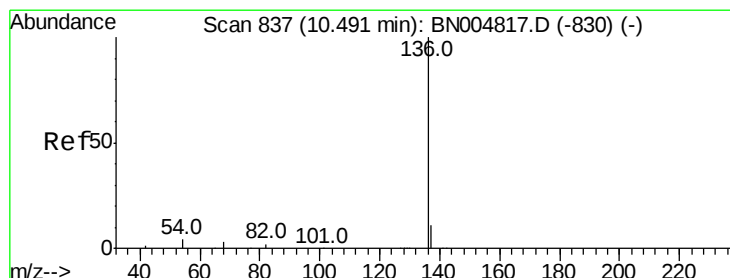
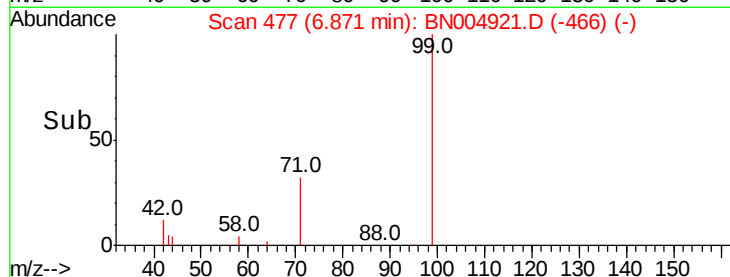
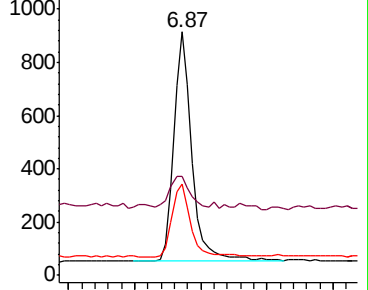
71 32.9 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN004817.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN004817.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN004817.D (-471) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004921.D

Acq: 23 Mar 2019 15:33

Tgt Ion: 136 Resp: 6109

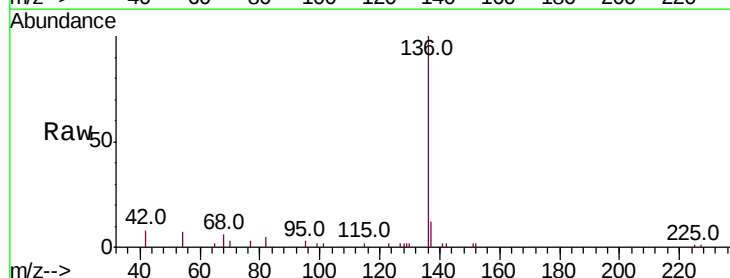
Ion Ratio Lower Upper

136 100

137 12.4 9.6 14.4

54 6.8 4.2 6.2#

68 6.2 3.9 5.9#

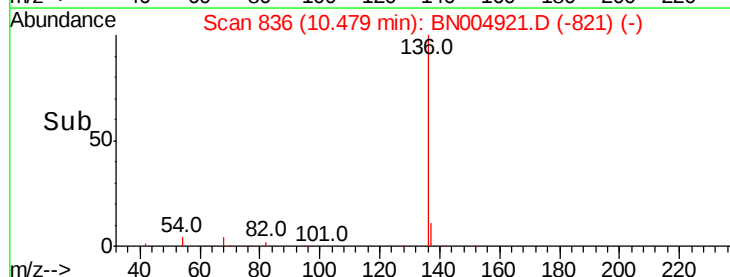
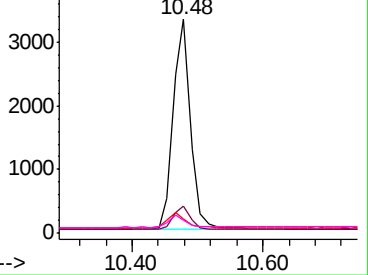


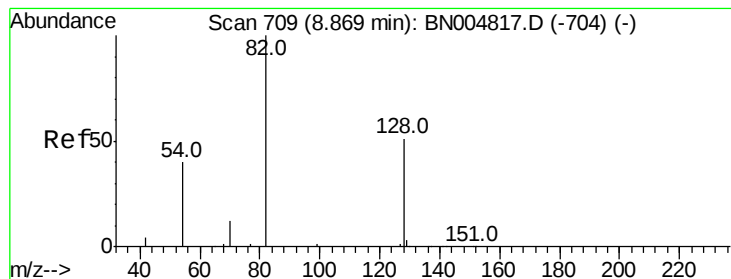
Abundance Ion 136.00 (135.70 to 136.70): BN004817.D (-830) (-)

Ion 137.00 (136.70 to 137.70): BN004817.D (-830) (-)

Ion 54.00 (53.70 to 54.70): BN004817.D (-830) (-)

Ion 68.00 (67.70 to 68.70): BN004817.D (-830) (-)





#8

Nitrobenzene-d5

Concen: 0.330 ng

RT: 8.86 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN004921.D

Acq: 23 Mar 2019 15:33

Instrument :

BNA_N

ClientSampleId :

PB118204BL

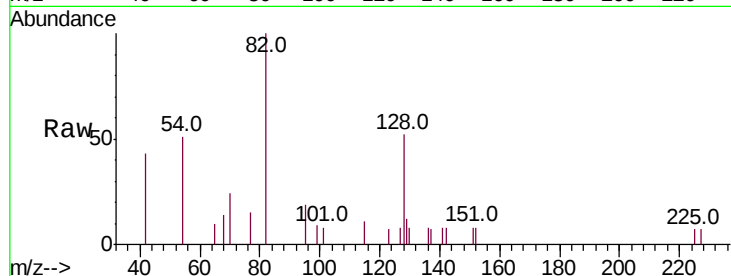
Tot Ion: 82 Resp: 1333

Ion Ratio Lower Upper

82 100

128 51.8 43.0 64.6

54 51.3 35.3 52.9



Abundance Ion 82.00 (81.70 to 82.70): BN004817.D (-704) (-)

Ion 128.00 (127.70 to 128.70): BN004817.D (-704) (-)

Ion 54.00 (53.70 to 54.70): BN004817.D (-704) (-)

8.86

600

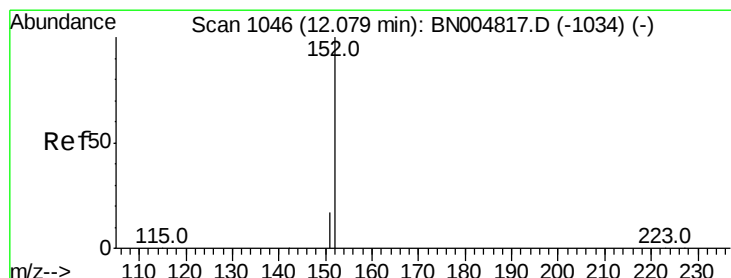
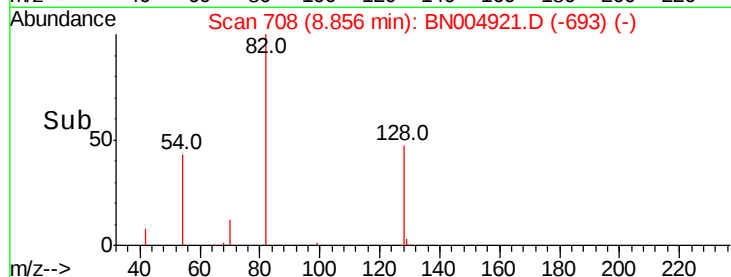
400

200

0

8.70 8.80 8.90 9.00

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.270 ng

RT: 12.07 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BN004921.D

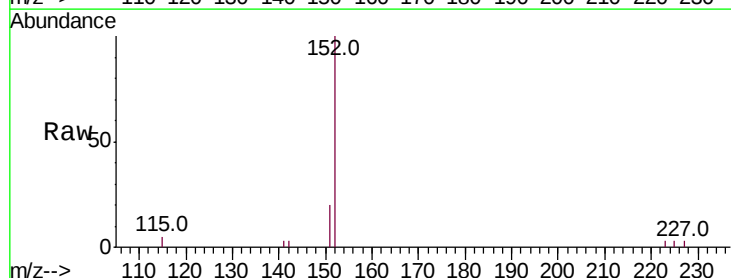
Acq: 23 Mar 2019 15:33

Tgt Ion: 152 Resp: 2875

Ion Ratio Lower Upper

152 100

151 19.5 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): BN004817.D (-1034) (-)

Ion 151.00 (150.70 to 151.70): BN004817.D (-1034) (-)

2000

1500

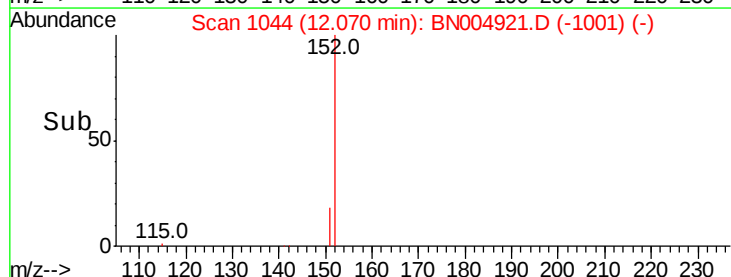
1000

500

0

12.00 12.10 12.20

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004921.D

Acq: 23 Mar 2019 15:33

Instrument :

BNA_N

ClientSampleId :

PB118204BL

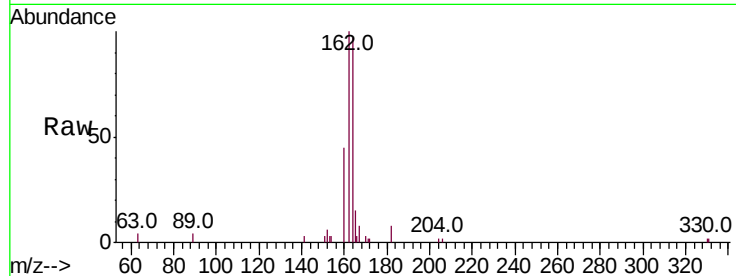
Tot Ion:164 Resp: 3219

Ion Ratio Lower Upper

164 100

162 103.0 81.9 122.9

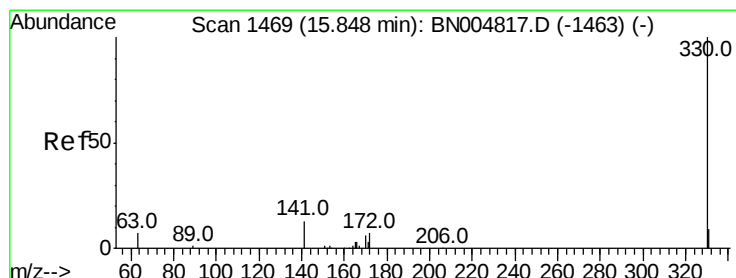
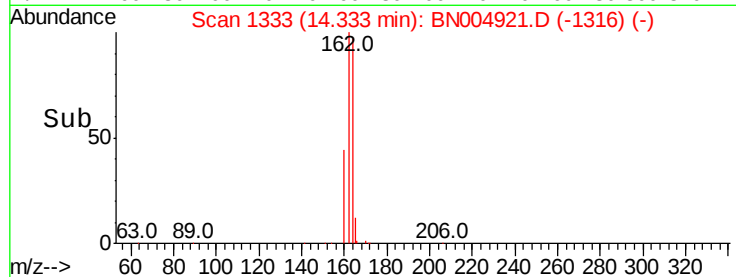
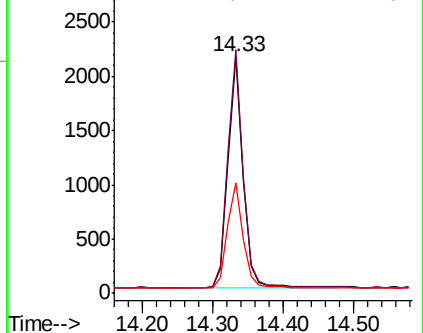
160 46.7 36.6 54.8



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: 0.301 ng

RT: 15.84 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BN004921.D

Acq: 23 Mar 2019 15:33

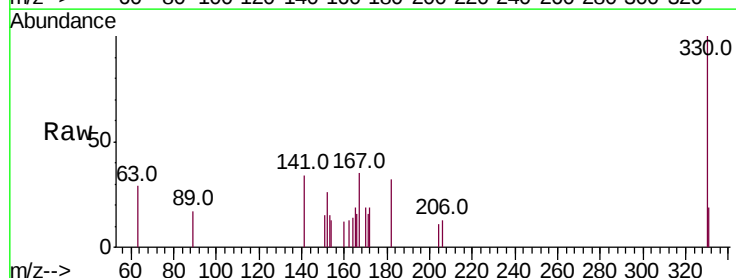
Tgt Ion:330 Resp: 669

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

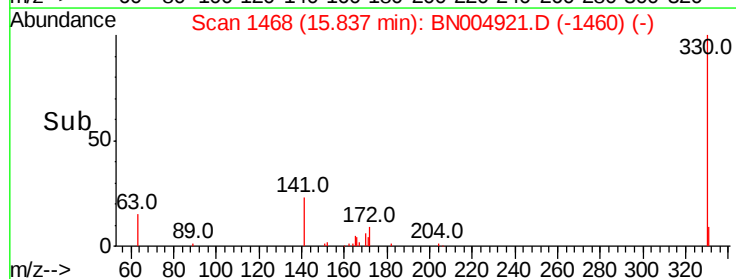
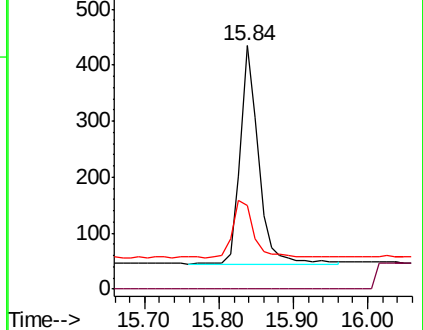
141 30.3 20.9 31.3



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

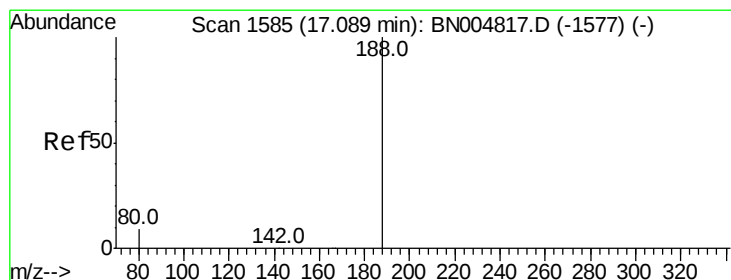
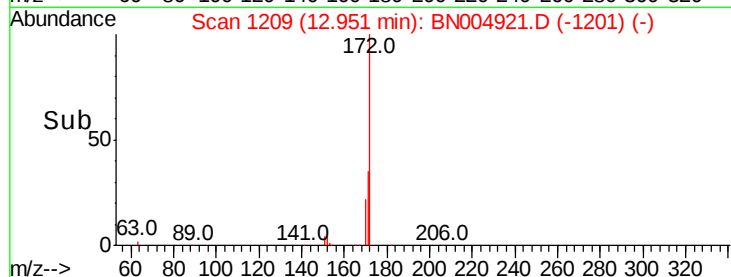
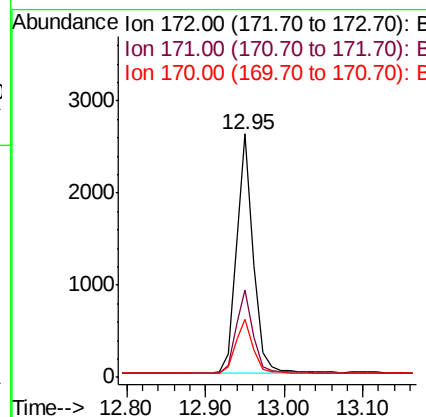
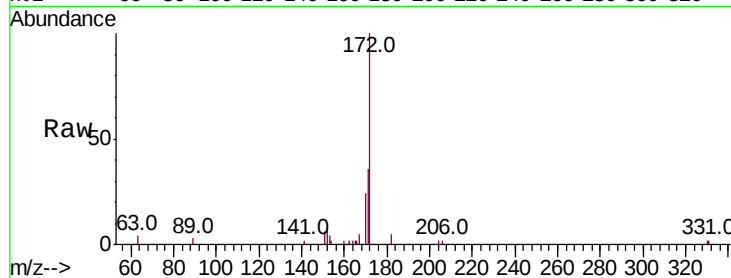




#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004921.D
Acq: 23 Mar 2019 15:33

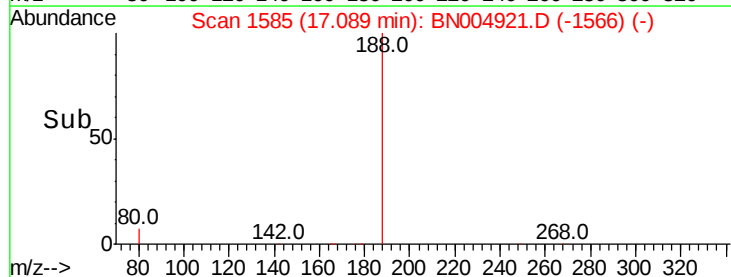
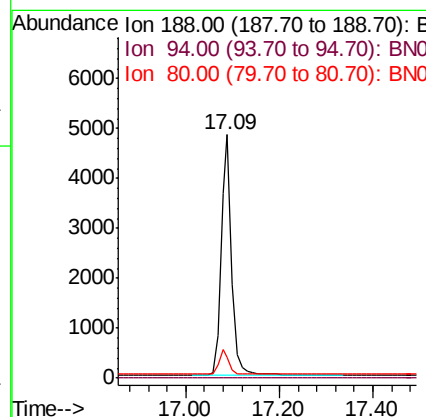
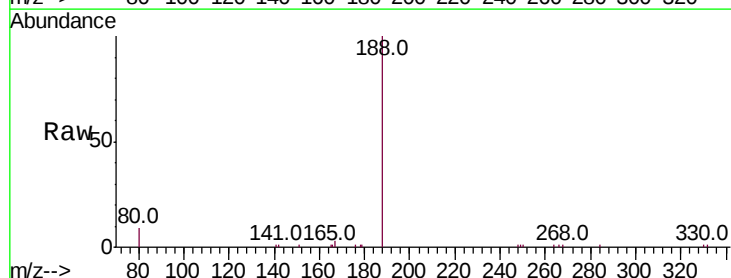
Instrument :
BNA_N
ClientSampleId :
PB118204BL

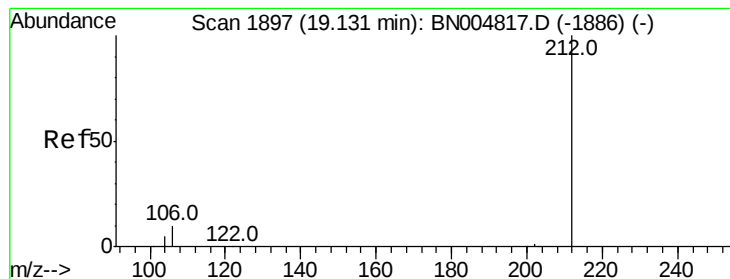
Tot Ion:172 Resp: 3934
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.9 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BN004921.D
Acq: 23 Mar 2019 15:33

Tgt Ion:188 Resp: 7793
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 7.4 11.2





#25

Fluoranthene-d10

Concen: 0.297 ng

RT: 19.12 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BN004921.D

Acq: 23 Mar 2019 15:33

Instrument :

BNA_N

ClientSampleId :

PB118204BL

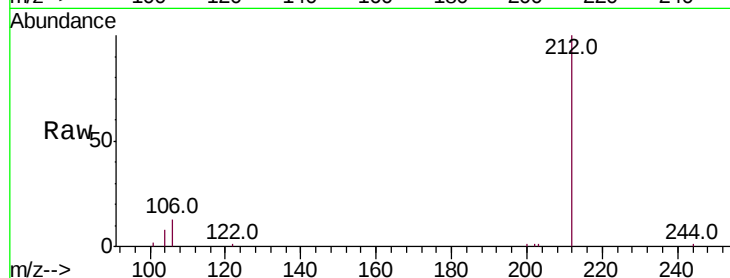
Tot Ion:212 Resp: 7747

Ion Ratio Lower Upper

212 100

106 11.9 8.6 13.0

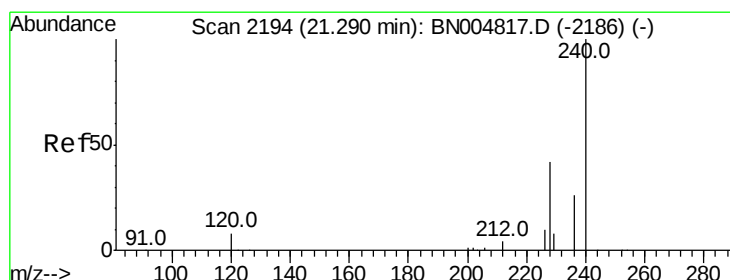
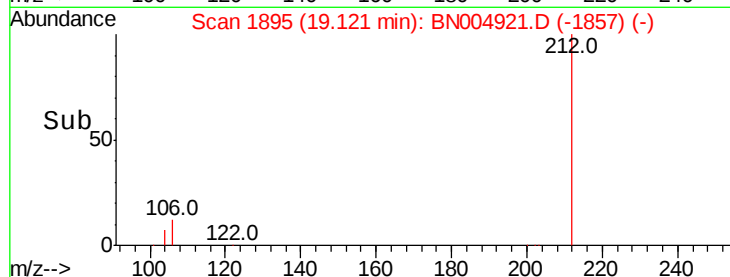
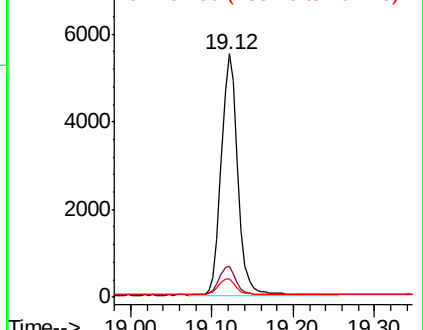
104 6.7 4.7 7.1



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: 21.28 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BN004921.D

Acq: 23 Mar 2019 15:33

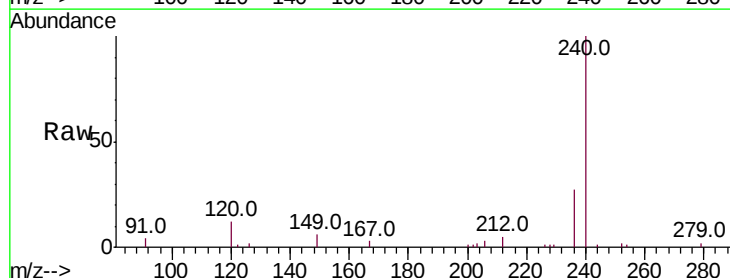
Tgt Ion:240 Resp: 10721

Ion Ratio Lower Upper

240 100

120 11.6 7.2 10.8#

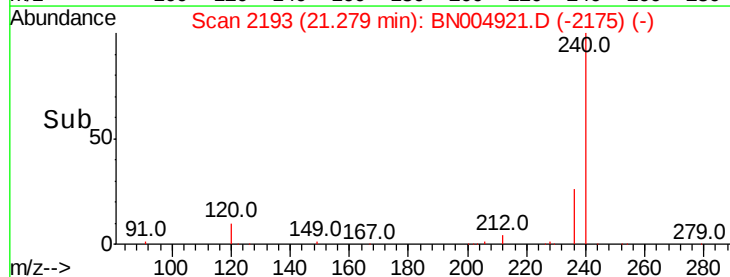
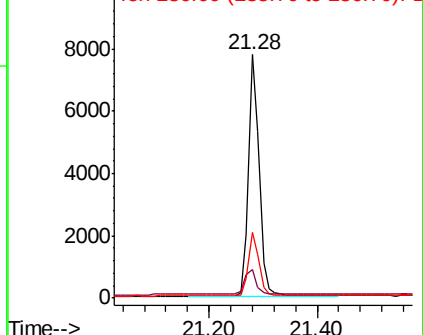
236 26.9 20.9 31.3

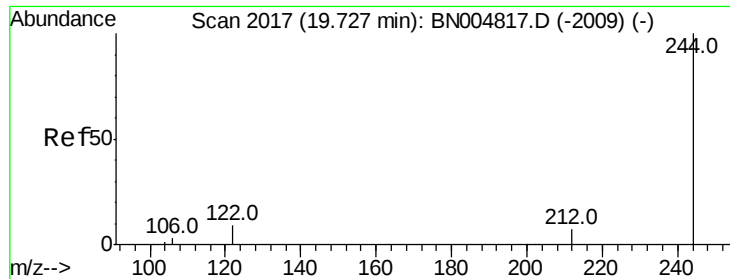


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.299 ng

RT: 19.72 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BN004921.D

Acq: 23 Mar 2019 15:33

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PB118204BL

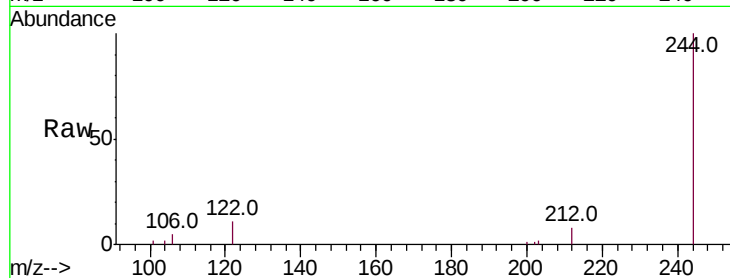
Tot Ion:244 Resp: 6566

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

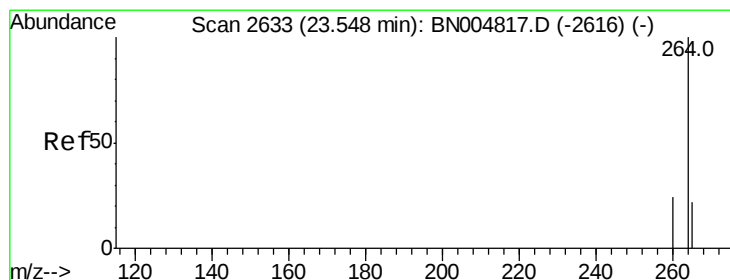
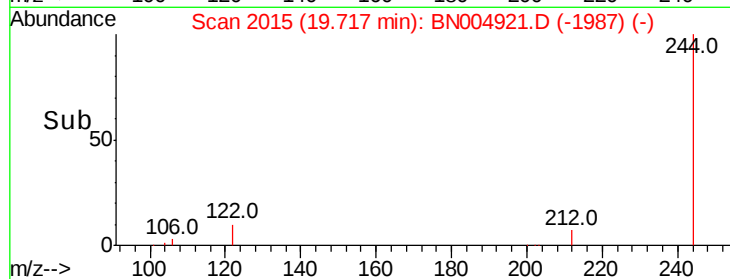
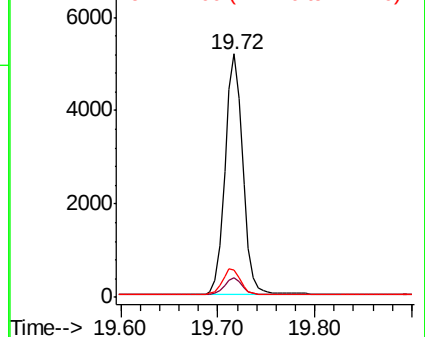
122 11.0 7.9 11.9



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: 23.53 min Scan# 2628

Delta R.T. -0.02 min

Lab File: BN004921.D

Acq: 23 Mar 2019 15:33

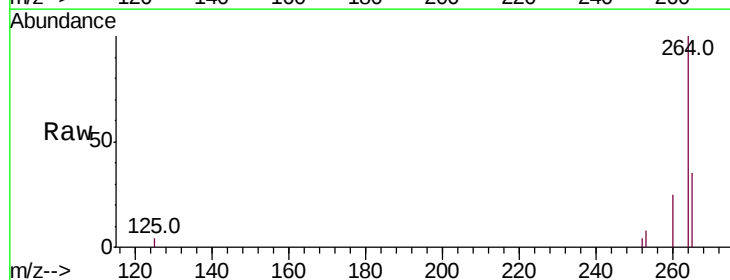
Tgt Ion:264 Resp: 12754

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 35.5 23.1 34.7#



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

