

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006635.D
 Acq On : 29 Jun 2019 03:56
 Operator : HP/JU
 Sample : K3486-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 W-2

Quant Time: Jun 29 04:36:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 01:19:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4905	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	22046	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	14826	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	32864	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	29736	0.40	ng	-0.02
34) Perylene-d12	23.47	264	27126	0.40	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	1732	0.14	ng	0.00
5) Phenol-d6	6.81	99	1683	0.11	ng	-0.02
8) Nitrobenzene-d5	8.79	82	5782	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.00	152	13177	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	3051	0.44	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	21114	0.38	ng	-0.01
25) Fluoranthene-d10	19.07	212	35001	0.36	ng	0.00
29) Terphenyl-d14	19.67	244	31266	0.50	ng	0.00

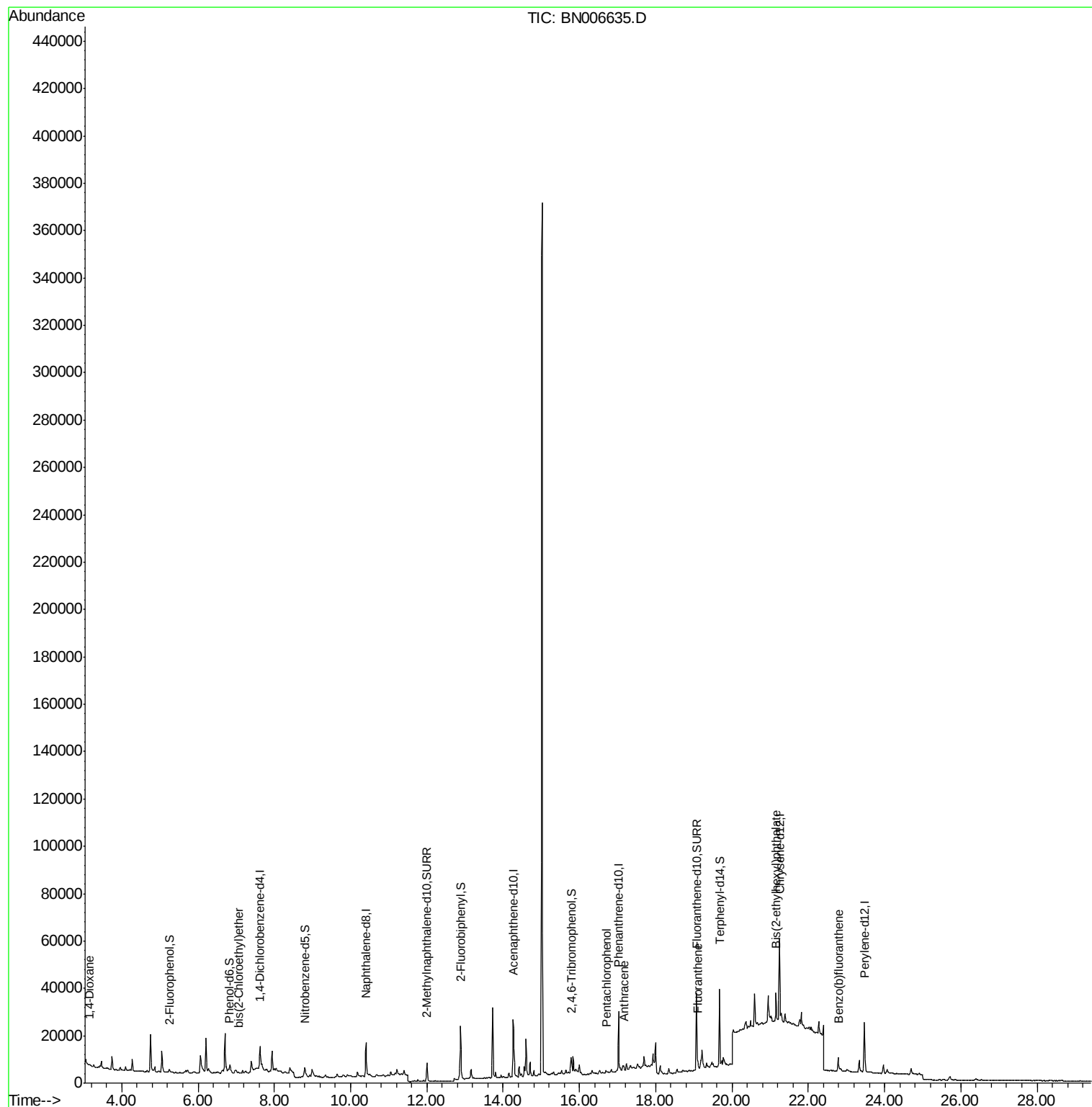
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.17	88	210	0.031	ng	# 1
6) bis(2-Chloroethyl)ether	7.05	93	330	0.023	ng	# 34
22) Pentachlorophenol	16.71	266	260	0.241	ng	97
24) Anthracene	17.16	178	2684	0.033	ng	# 83
26) Fluoranthene	19.10	202	2275	0.020	ng	# 42
32) Bis(2-ethylhexyl)phthalate	21.15	149	9983	0.204	ng	99
35) Benzo(b)fluoranthene	22.81	252	2105	0.023	ng	# 1

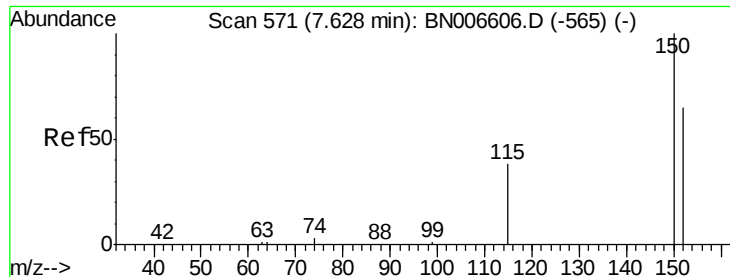
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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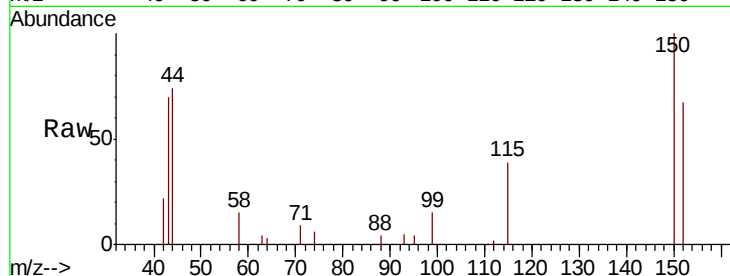


#1

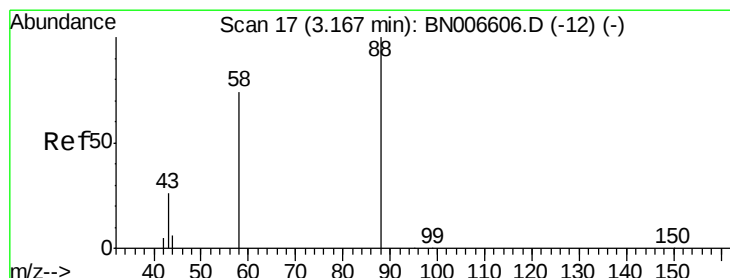
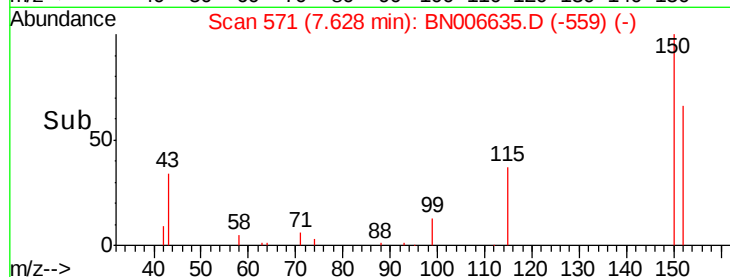
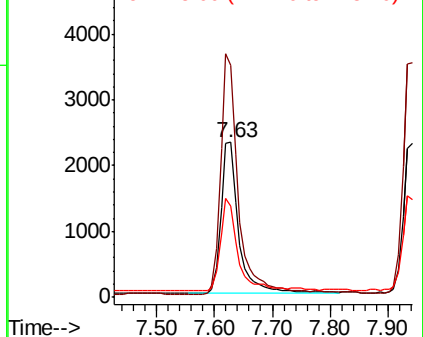
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006635.D
Acq: 29 Jun 2019 03:56

Instrument :
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ClientSampleId :
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Tgt Ion: 152 Resp: 4905
Ion Ratio Lower Upper
152 100
150 150.1 122.2 183.2
115 58.9 50.0 75.0



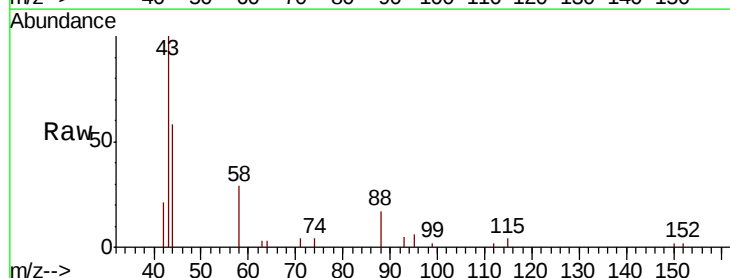
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



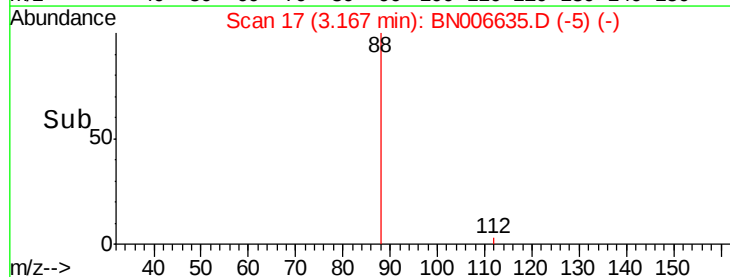
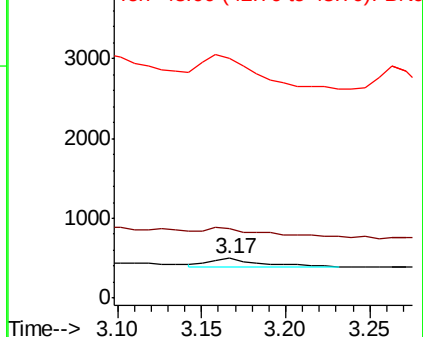
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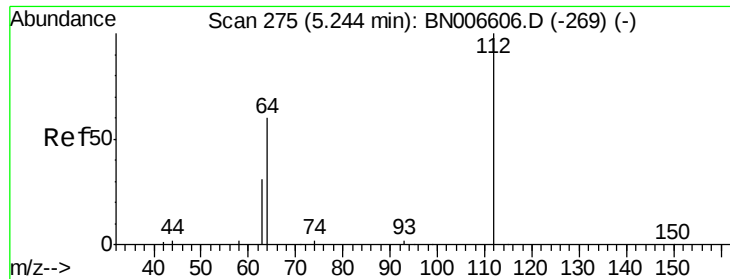
1,4-Dioxane
Concen: 0.031 ng
RT: 3.17 min Scan# 17
Delta R.T. -0.00 min
Lab File: BN006635.D
Acq: 29 Jun 2019 03:56

Tgt Ion: 88 Resp: 210
Ion Ratio Lower Upper
88 100
58 117.1 62.5 93.7#
43 425.7 25.4 38.0#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.144 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.01 min

Lab File: BN006635.D

Acq: 29 Jun 2019 03:56

Instrument :

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ClientSampleId :

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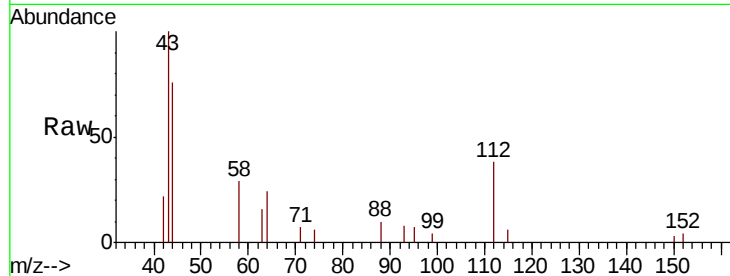
Tgt Ion: 112 Resp: 1732

Ion Ratio Lower Upper

112 100

64 66.5 48.9 73.3

63 33.3 24.3 36.5



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

5.25

600

400

200

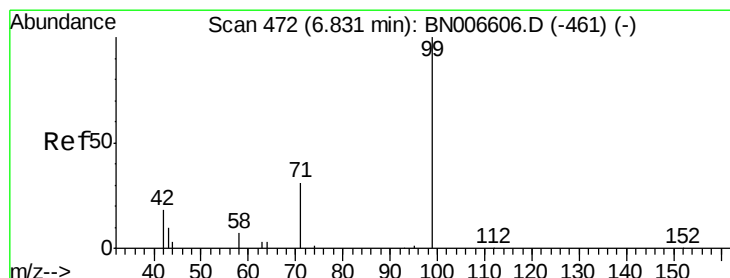
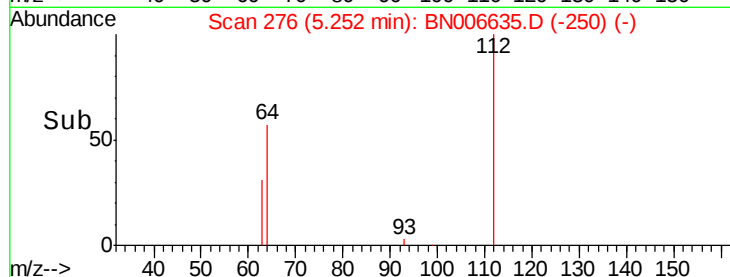
0

5.20

5.30

5.40

Time-->



#5

Phenol-d6

Concen: 0.106 ng

RT: 6.81 min Scan# 470

Delta R.T. -0.02 min

Lab File: BN006635.D

Acq: 29 Jun 2019 03:56

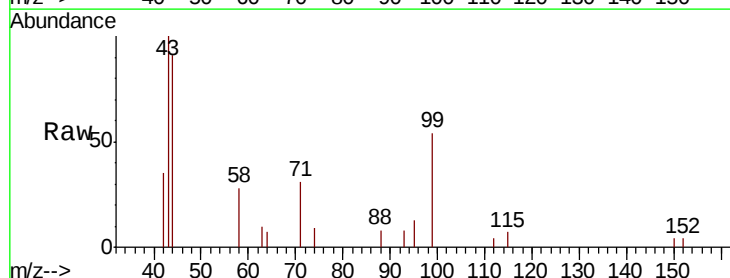
Tgt Ion: 99 Resp: 1683

Ion Ratio Lower Upper

99 100

42 49.0 16.4 24.6#

71 50.0 26.6 40.0#



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

5000

4000

3000

2000

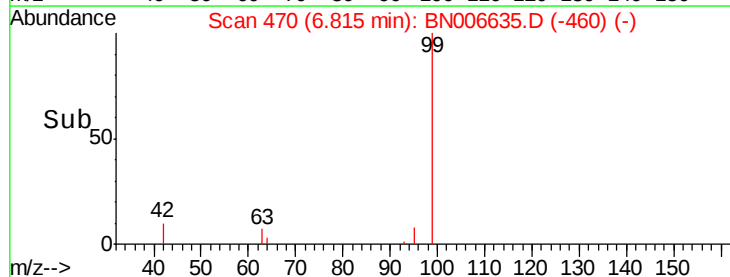
1000

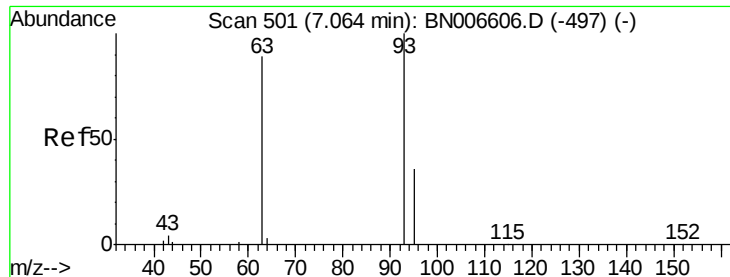
0

6.80

6.90

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.023 ng

RT: 7.05 min Scan# 499

Delta R.T. -0.02 min

Lab File: BN006635.D

Acq: 29 Jun 2019 03:56

Instrument :

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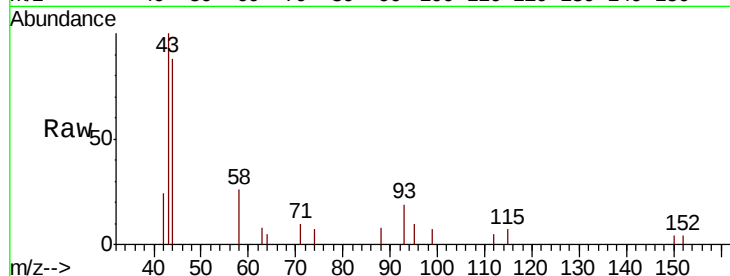
Tgt Ion: 93 Resp: 330

Ion Ratio Lower Upper

93 100

63 0.0 52.5 78.7#

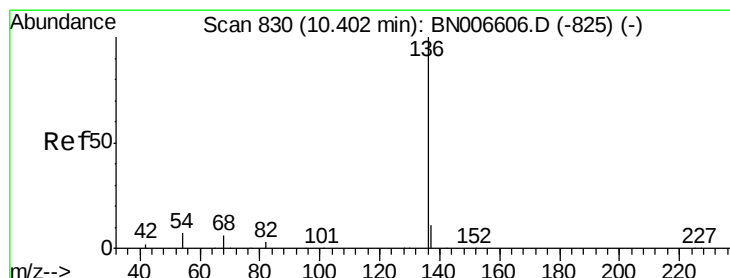
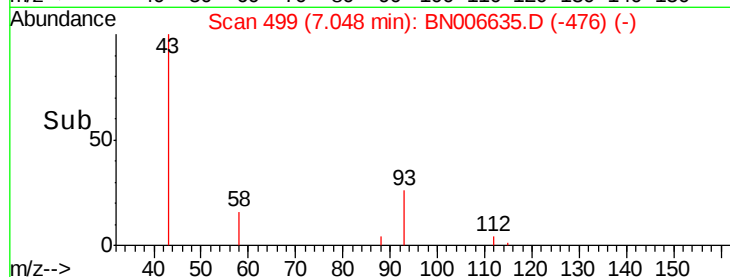
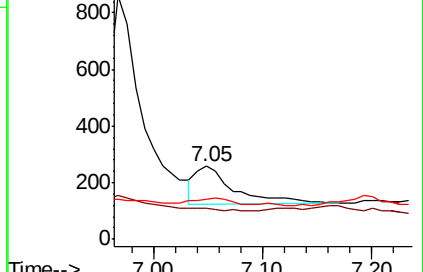
95 13.6 24.2 36.4#



Abundance Ion 93.00 (92.70 to 93.70): BN006606.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN006606.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN006606.D (-497) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006635.D

Acq: 29 Jun 2019 03:56

Tgt Ion: 136 Resp: 22046

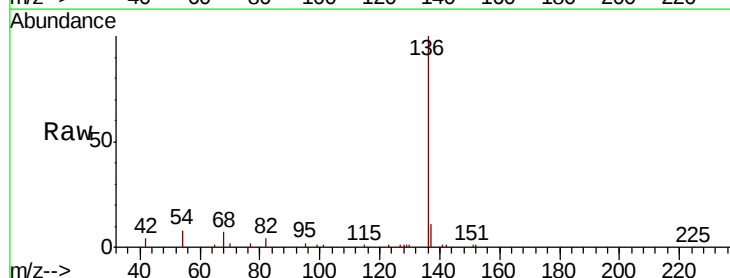
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 8.0 6.7 10.1

68 6.7 5.3 7.9

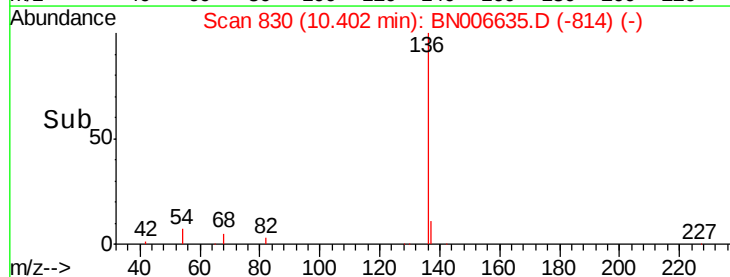
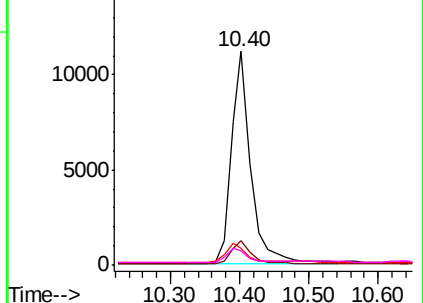


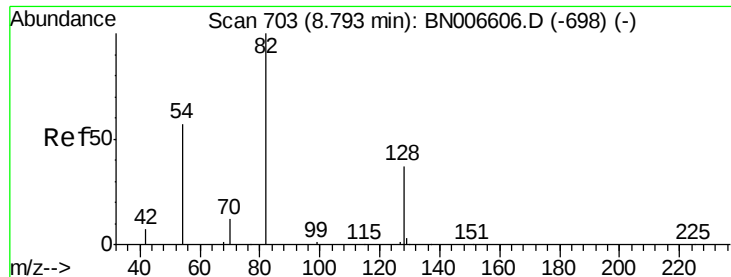
Abundance Ion 136.00 (135.70 to 136.70): BN006606.D (-825) (-)

Ion 137.00 (136.70 to 137.70): BN006606.D (-825) (-)

Ion 54.00 (53.70 to 54.70): BN006606.D (-825) (-)

Ion 68.00 (67.70 to 68.70): BN006606.D (-825) (-)





#8

Nitrobenzene-d5

Concen: 0.390 ng

RT: 8.79 min Scan# 703

Delta R.T. -0.00 min

Lab File: BN006635.D

Acq: 29 Jun 2019 03:56

Instrument :

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ClientSampleId :

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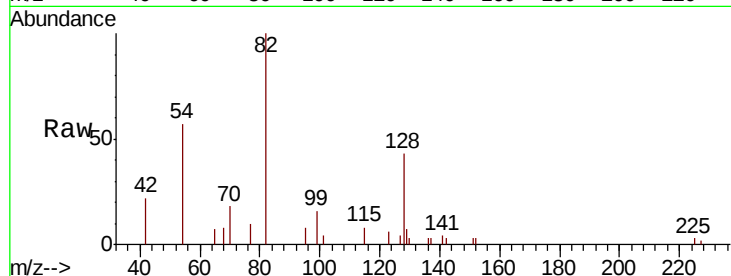
Tgt Ion: 82 Resp: 5782

Ion Ratio Lower Upper

82 100

128 42.5 32.6 49.0

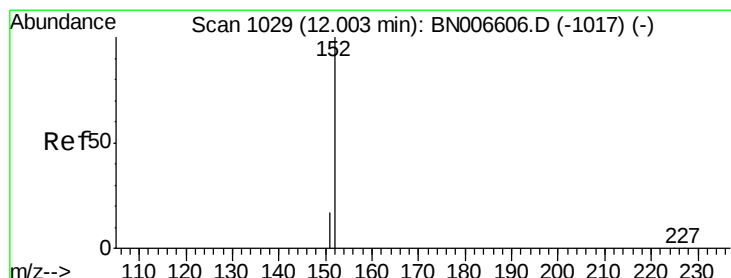
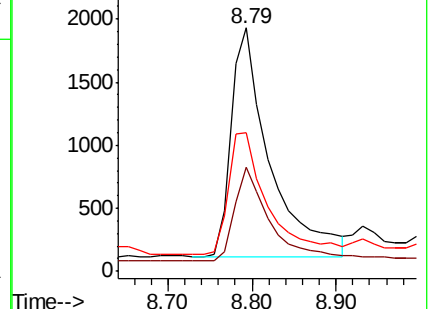
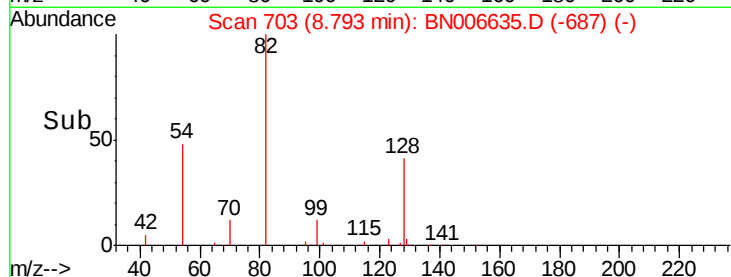
54 57.0 48.2 72.4



Abundance Ion 82.00 (81.70 to 82.70): BN006635.D (-687) (-)

Ion 128.00 (127.70 to 128.70): BN006635.D (-687) (-)

Ion 54.00 (53.70 to 54.70): BN006635.D (-687) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.379 ng

RT: 12.00 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BN006635.D

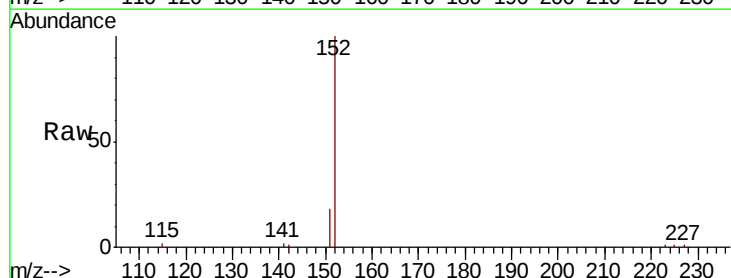
Acq: 29 Jun 2019 03:56

Tgt Ion: 152 Resp: 13177

Ion Ratio Lower Upper

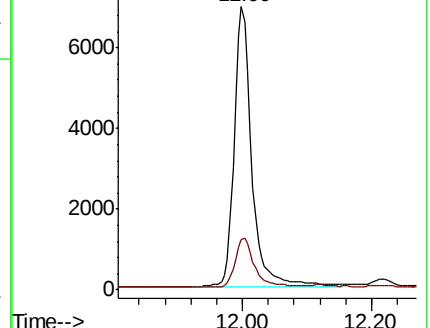
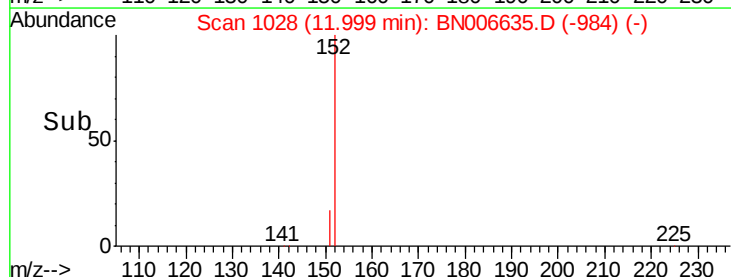
152 100

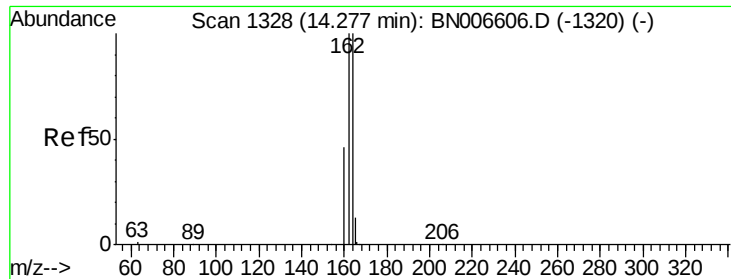
151 18.9 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): BN006635.D (-984) (-)

Ion 151.00 (150.70 to 151.70): BN006635.D (-984) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BN006635.D

Acq: 29 Jun 2019 03:56

Instrument :

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ClientSampleId :

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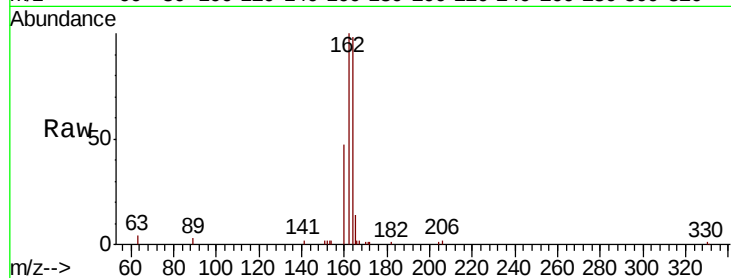
Tgt Ion:164 Resp: 14826

Ion Ratio Lower Upper

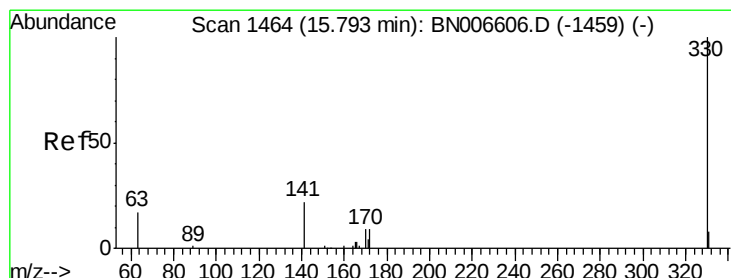
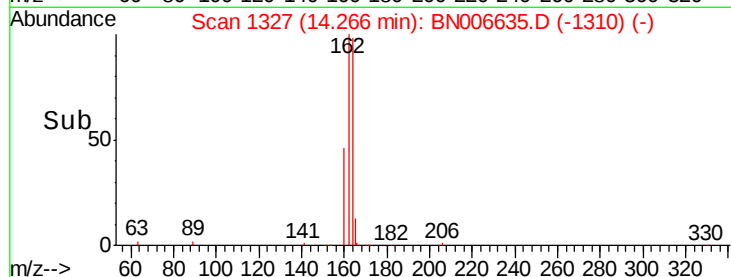
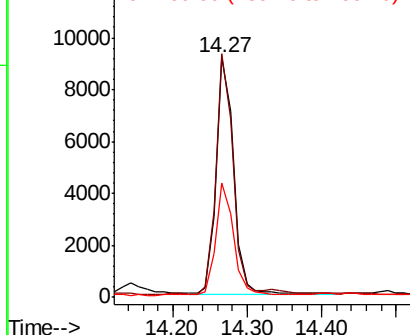
164 100

162 101.6 80.0 120.0

160 47.6 37.0 55.4



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: 0.437 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006635.D

Acq: 29 Jun 2019 03:56

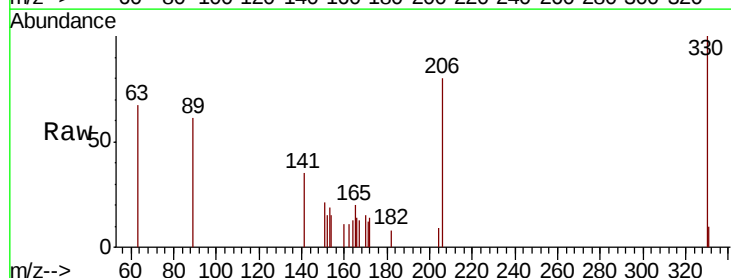
Tgt Ion:330 Resp: 3051

Ion Ratio Lower Upper

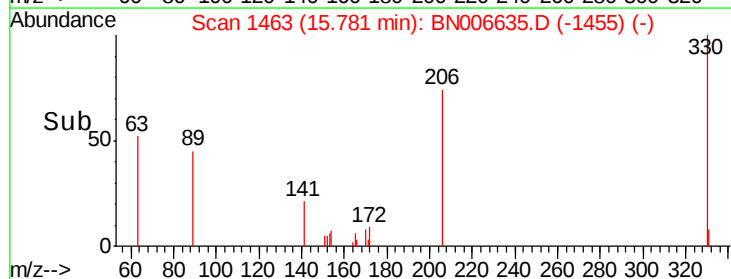
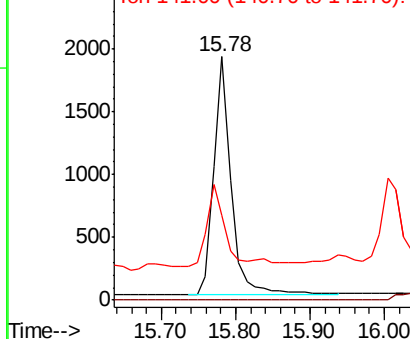
330 100

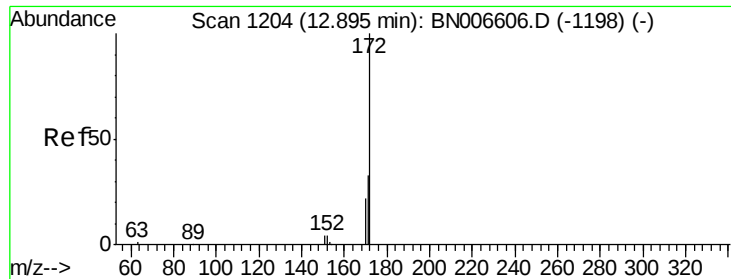
332 0.0 0.0 0.0

141 34.5 26.5 39.7



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

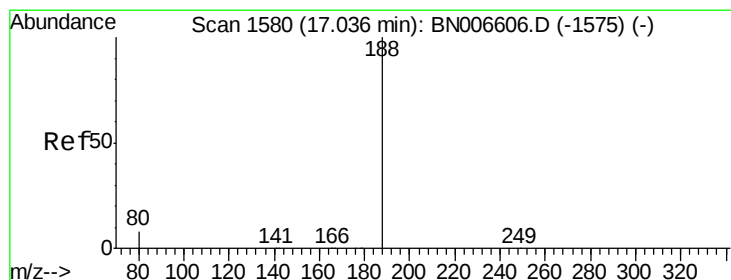
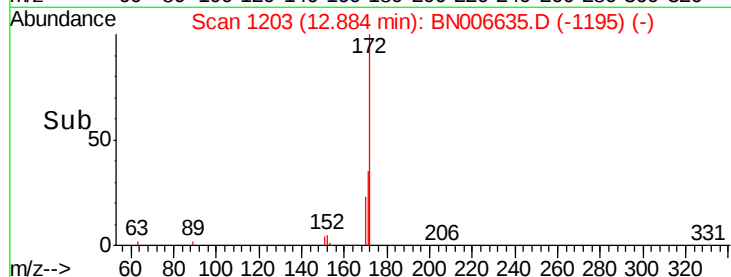
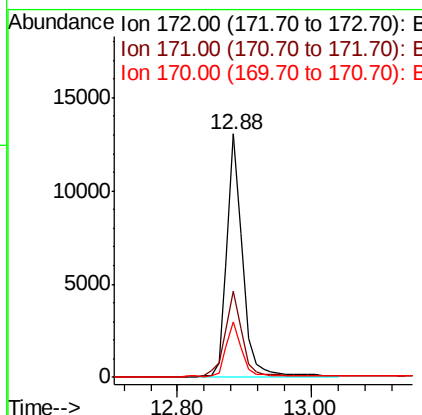
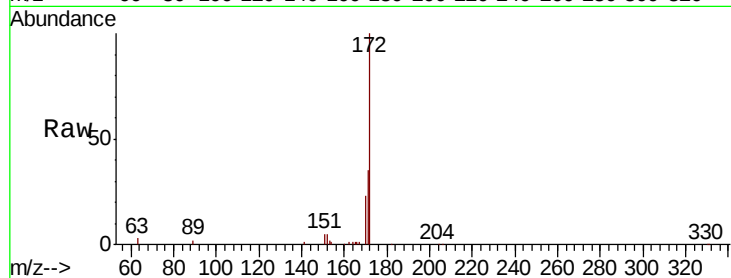




#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006635.D
Acq: 29 Jun 2019 03:56

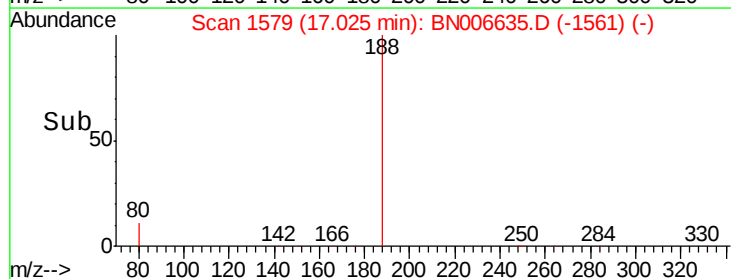
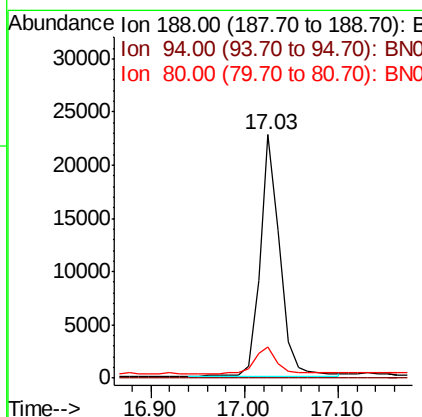
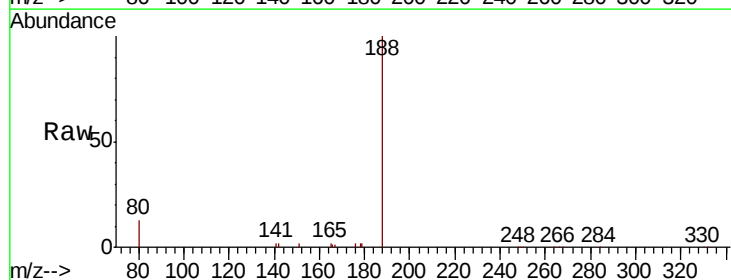
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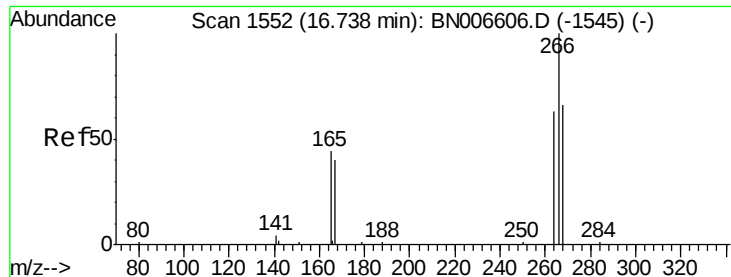
Tgt Ion:172 Resp: 21114
Ion Ratio Lower Upper
172 100
171 35.3 27.0 40.4
170 22.9 17.7 26.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006635.D
Acq: 29 Jun 2019 03:56

Tgt Ion:188 Resp: 32864
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.7 7.1 10.7#

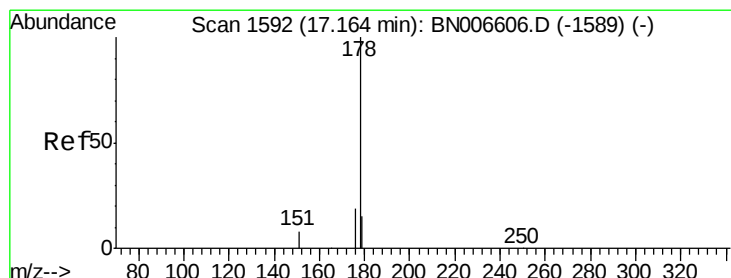
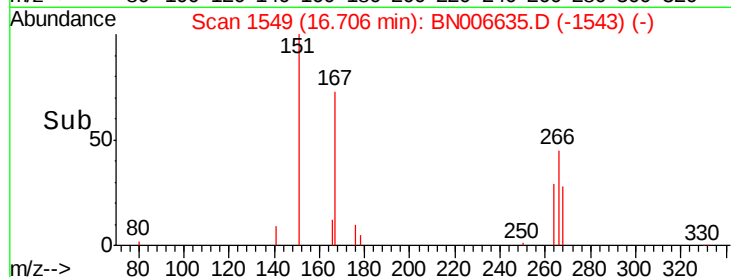
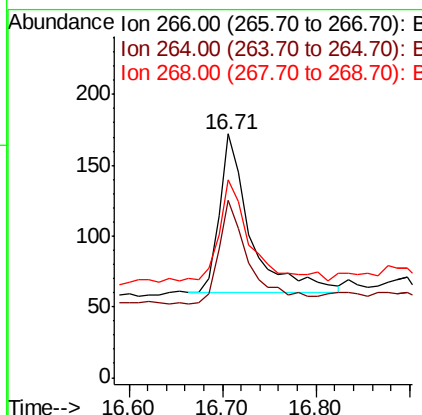
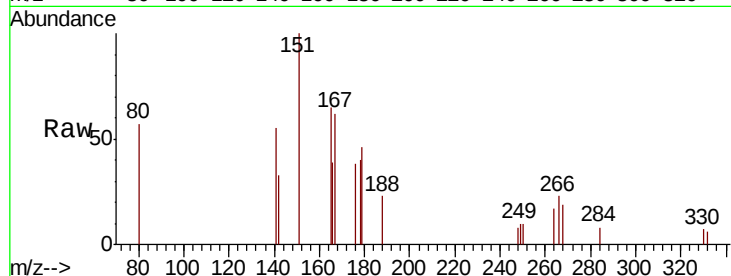




#22
 Pentachlorophenol
 Concen: 0.241 ng
 RT: 16.71 min Scan# 1549
 Delta R.T. -0.03 min
 Lab File: BN006635.D
 Acq: 29 Jun 2019 03:56

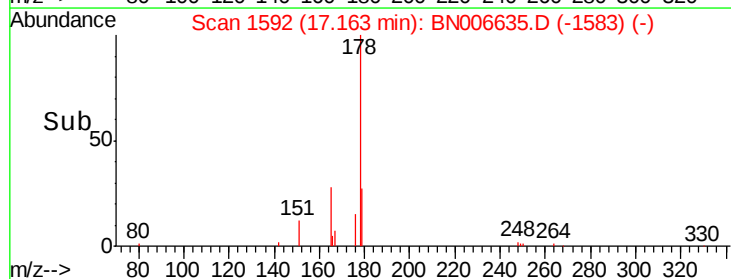
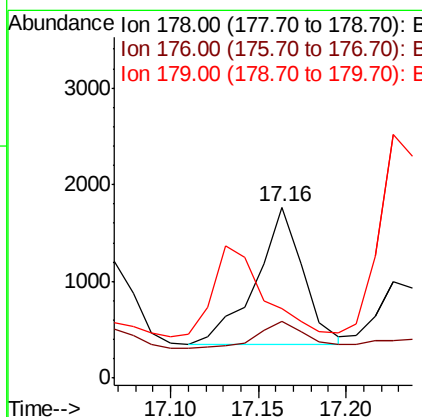
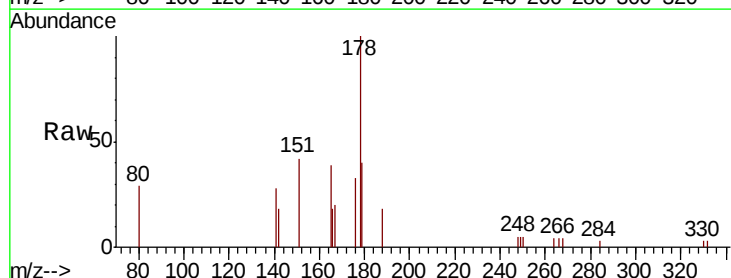
Instrument :
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 ClientSampleId :
 W-2

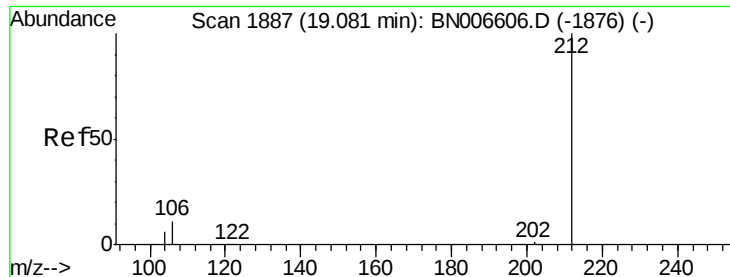
Tgt Ion: 266 Resp: 260
 Ion Ratio Lower Upper
 266 100
 264 72.7 56.2 84.4
 268 81.4 63.0 94.4



#24
 Anthracene
 Concen: 0.033 ng
 RT: 17.16 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BN006635.D
 Acq: 29 Jun 2019 03:56

Tgt Ion: 178 Resp: 2684
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.0 22.4
 179 0.0 12.2 18.2#

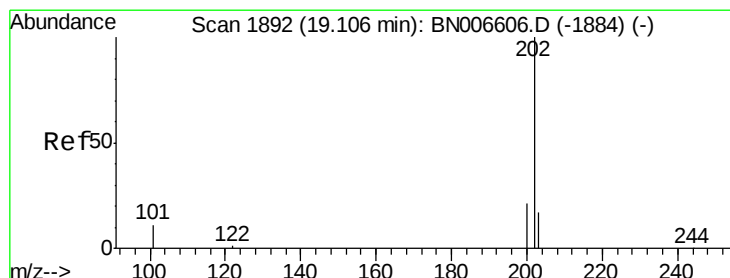
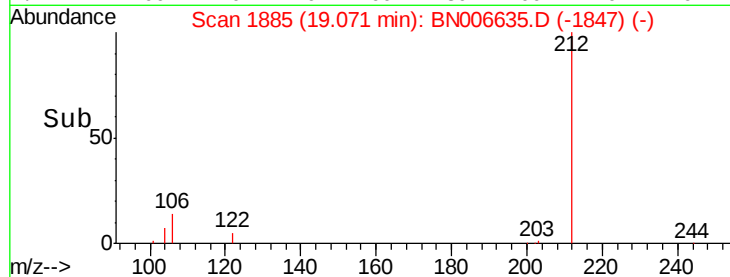
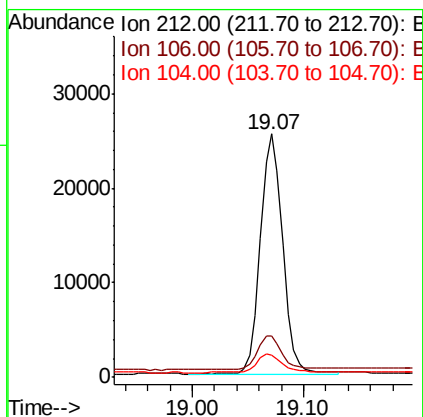
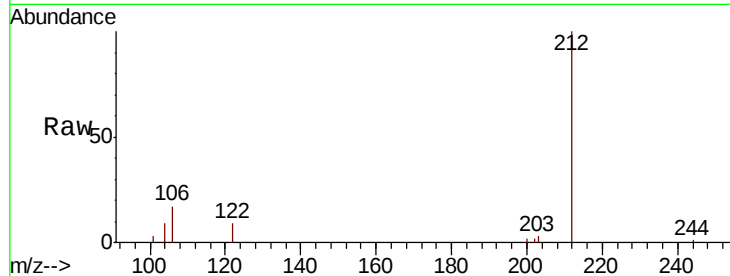




#25
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.07 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN006635.D
Acq: 29 Jun 2019 03:56

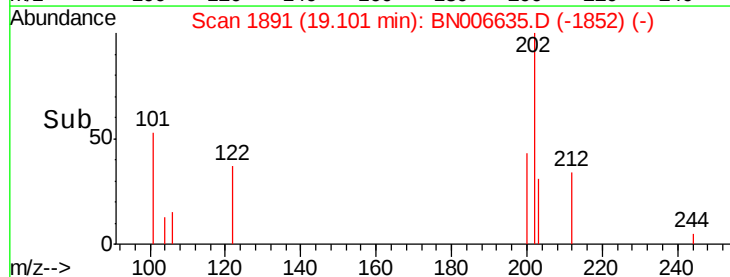
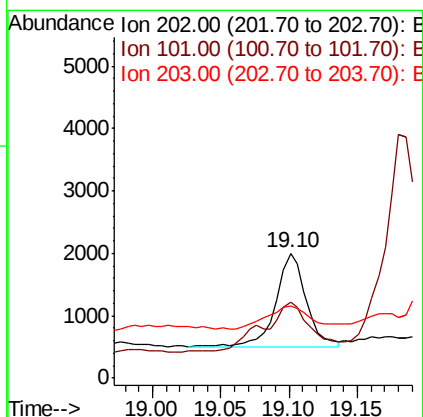
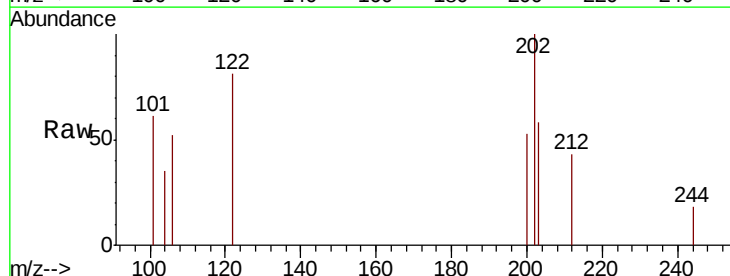
Instrument :
BNA_N
ClientSampleId :
W-2

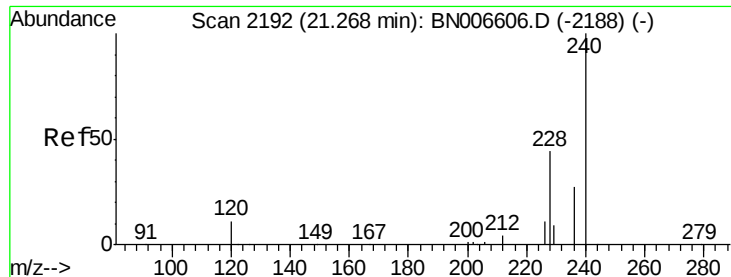
Tgt Ion: 212 Resp: 35001
Ion Ratio Lower Upper
212 100
106 17.6 10.6 15.8#
104 9.1 5.8 8.6#



#26
Fluoranthene
Concen: 0.020 ng
RT: 19.10 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BN006635.D
Acq: 29 Jun 2019 03:56

Tgt Ion: 202 Resp: 2275
Ion Ratio Lower Upper
202 100
101 40.9 8.9 13.3#
203 36.3 13.6 20.4#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.25 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BN006635.D

Acq: 29 Jun 2019 03:56

Instrument :

BNA_N

ClientSampleId :

W-2

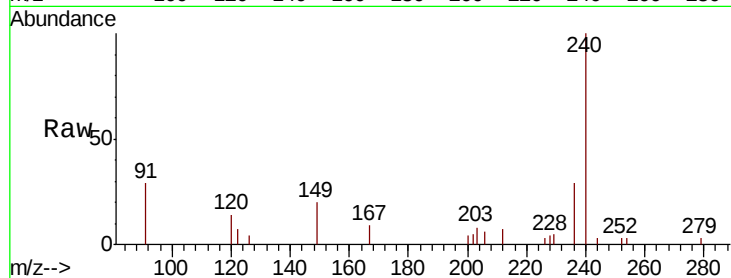
Tgt Ion:240 Resp: 29736

Ion Ratio Lower Upper

240 100

120 13.8 9.9 14.9

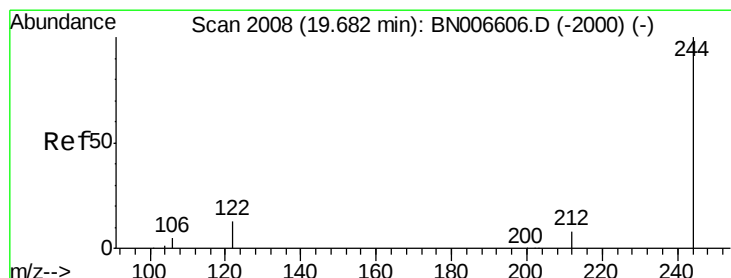
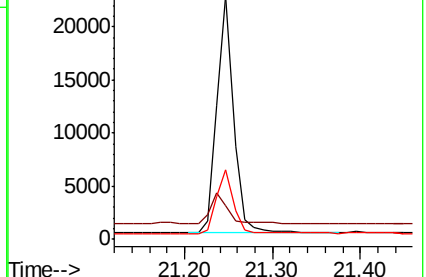
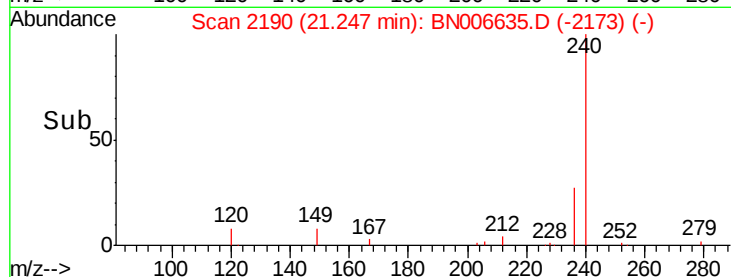
236 28.6 22.2 33.4



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: 0.502 ng

RT: 19.67 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BN006635.D

Acq: 29 Jun 2019 03:56

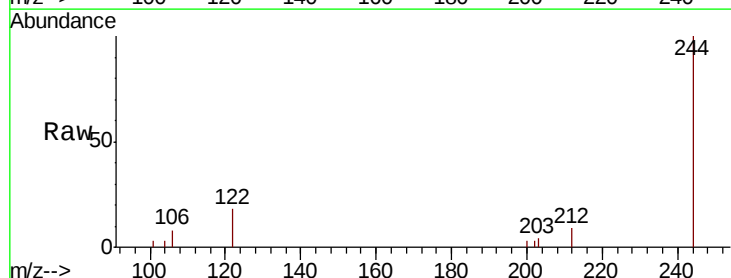
Tgt Ion:244 Resp: 31266

Ion Ratio Lower Upper

244 100

212 9.4 6.7 10.1

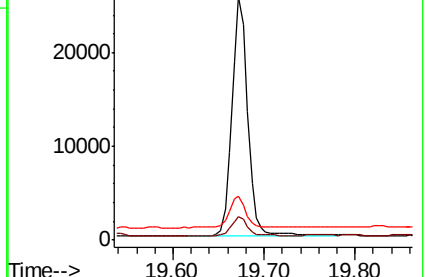
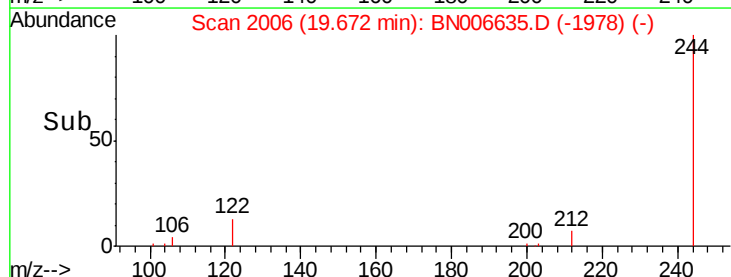
122 17.8 11.0 16.6#

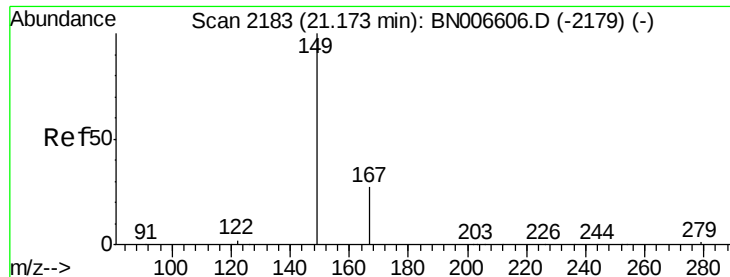


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.204 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BN006635.D

Acq: 29 Jun 2019 03:56

Instrument :

BNA_N

ClientSampleId :

W-2

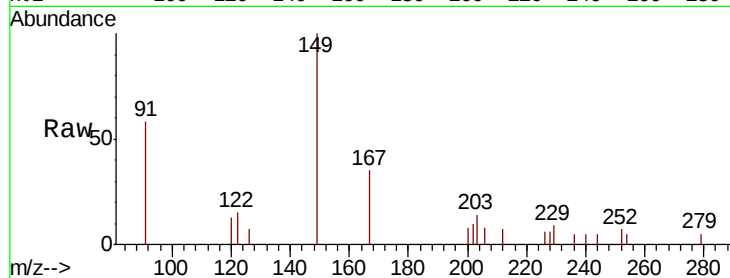
Tgt Ion:149 Resp: 9983

Ion Ratio Lower Upper

149 100

167 28.0 22.9 34.3

279 4.3 3.3 4.9

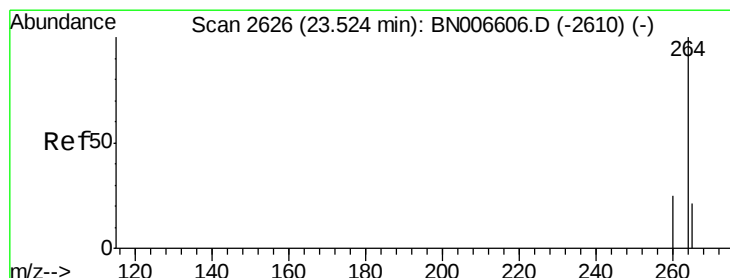
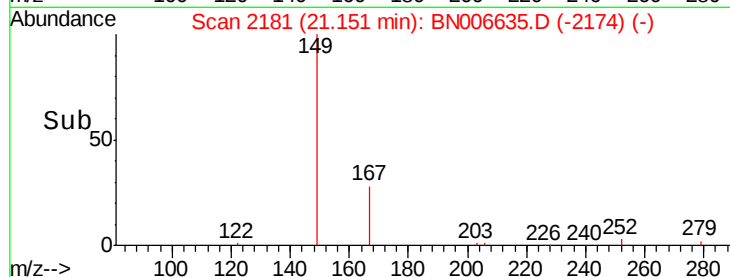
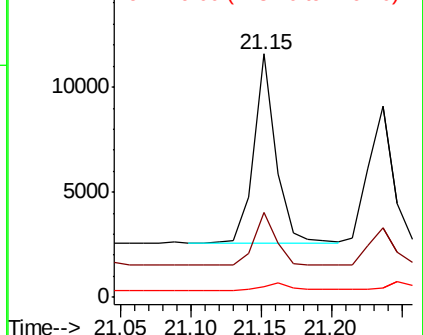


Abundance

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: 23.47 min Scan# 2611

Delta R.T. -0.05 min

Lab File: BN006635.D

Acq: 29 Jun 2019 03:56

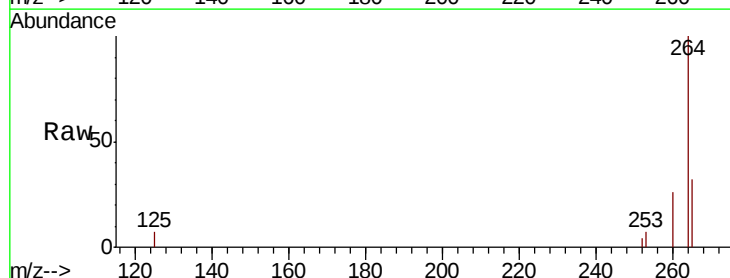
Tgt Ion:264 Resp: 27126

Ion Ratio Lower Upper

264 100

260 26.1 20.2 30.2

265 31.7 23.3 34.9

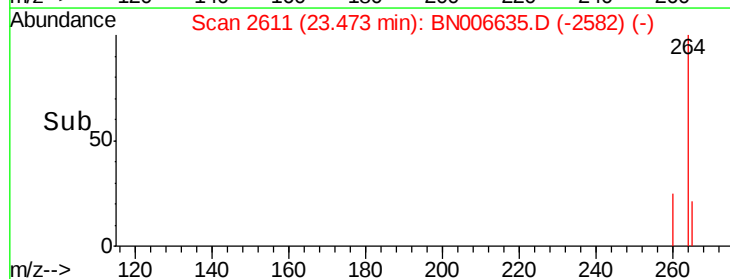
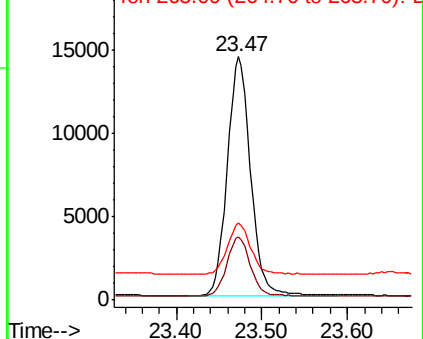


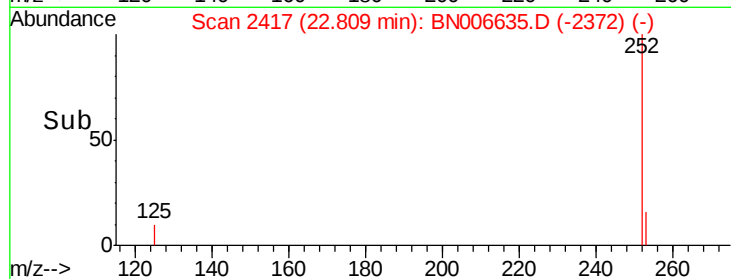
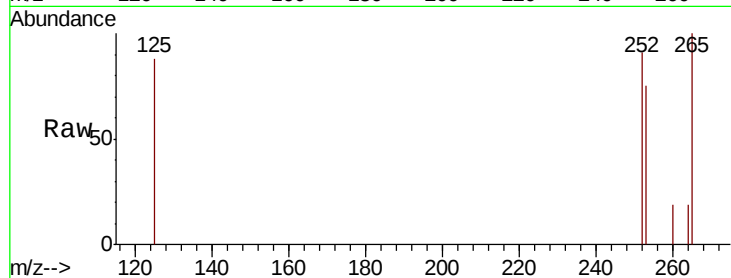
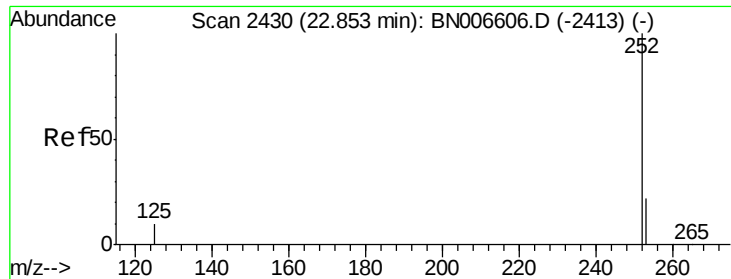
Abundance

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





#35

Benzo(b)fluoranthene

Concen: 0.023 ng

RT: 22.81 min Scan# 2417

Delta R.T. -0.04 min

Lab File: BN006635.D

Acq: 29 Jun 2019 03:56

Instrument :

BNA_N

ClientSampleId :

W-2

Tgt Ion: 252 Resp: 2105

Ion Ratio Lower Upper

252 100

253 82.9 18.4 27.6#

125 97.0 8.7 13.1#

