

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
 Data File : BN002208.D
 Acq On : 31 Jul 2018 13:20
 Operator : JU/SJ
 Sample : J4153-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-180724

Quant Time: Jul 31 16:03:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 16:17:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3453	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	14250	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	7667	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	16925	0.40	ng	0.00
27) Chrysene-d12	21.27	240	13233	0.40	ng	0.00
34) Perylene-d12	23.50	264	11473	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.32	112	291	0.04	ng	0.00
5) Phenol-d6	6.90	99	224	0.02	ng	0.02
8) Nitrobenzene-d5	8.84	82	4900	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	9445	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	998	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	18150	0.62	ng	0.00
25) Fluoranthene-d10	19.11	212	19193	0.46	ng	0.00
29) Terphenyl-d14	19.71	244	15230	0.54	ng	0.00

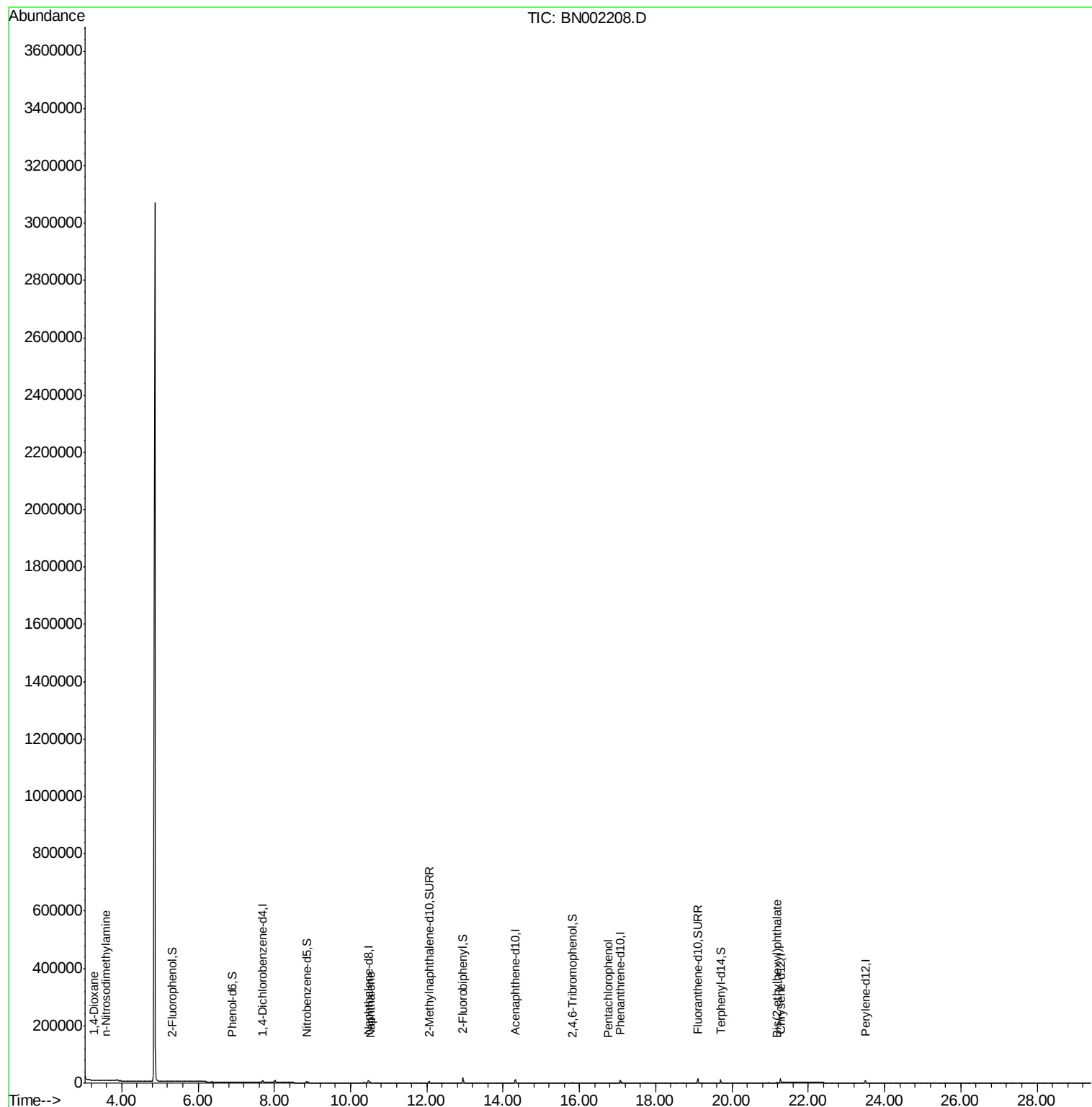
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	88	0.023	ng	# 14
3) n-Nitrosodimethylamine	3.59	42	10	0.118	ng	# 5
9) Naphthalene	10.52	128	848	0.026	ng	# 71
22) Pentachlorophenol	16.75	266	10	0.097	ng	# 53
32) Bis(2-ethylhexyl)phthalate	21.18	149	1467	0.096	ng	# 91

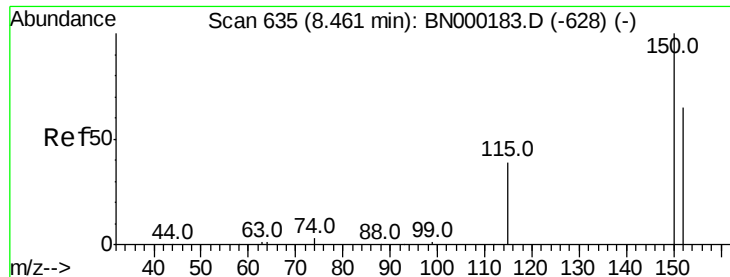
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 579

Delta R.T. -0.00 min

Lab File: BN002208.D

Acq: 31 Jul 2018 13:20

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-180724

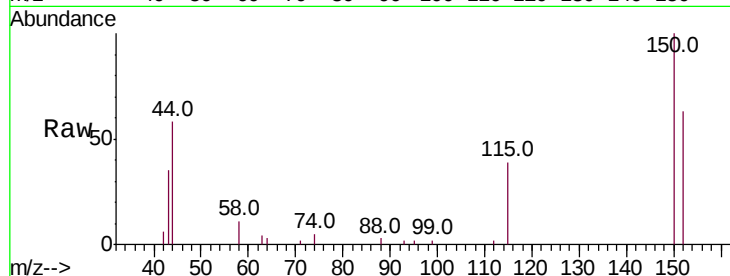
Tot Ion:152 Resp: 3453

Ion Ratio Lower Upper

152 100

150 158.1 117.2 175.8

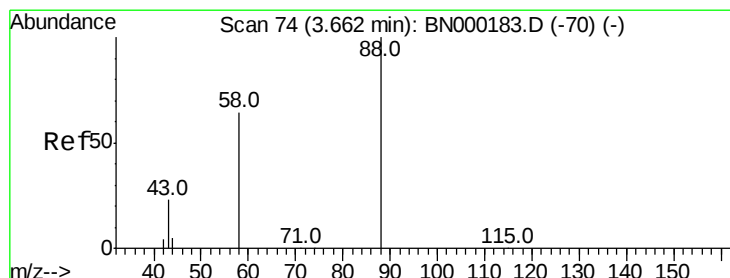
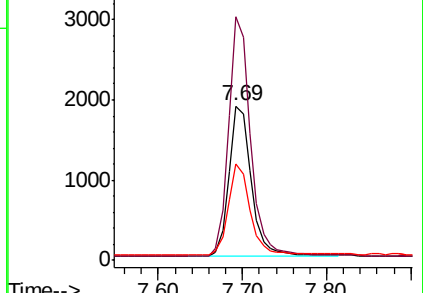
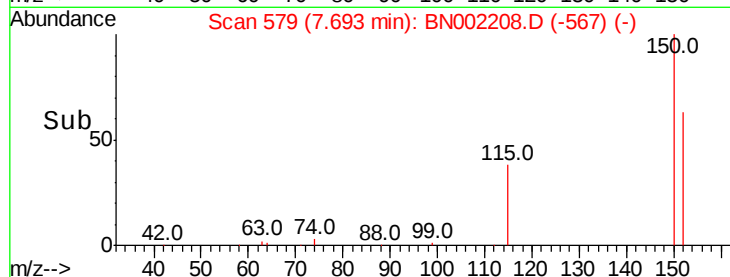
115 62.2 57.0 85.6



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



#2

1,4-Dioxane

Concen: 0.023 ng

RT: 3.29 min Scan# 32

Delta R.T. -0.00 min

Lab File: BN002208.D

Acq: 31 Jul 2018 13:20

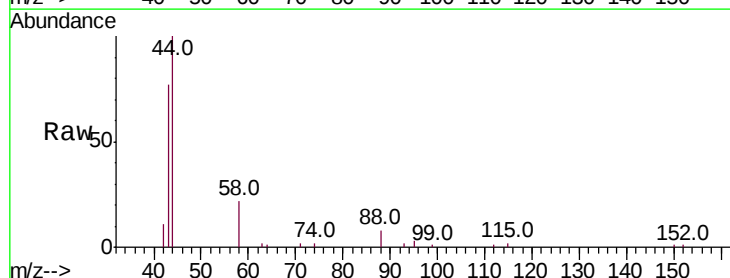
Tgt Ion: 88 Resp: 88

Ion Ratio Lower Upper

88 100

58 0.0 72.0 108.0#

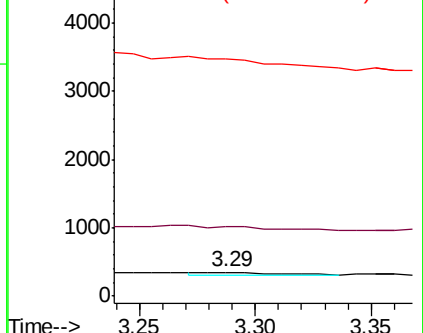
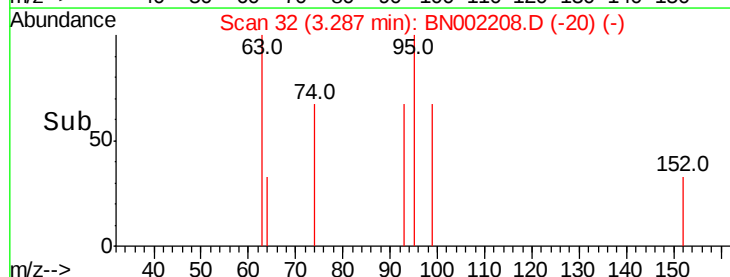
43 0.0 28.0 42.0#

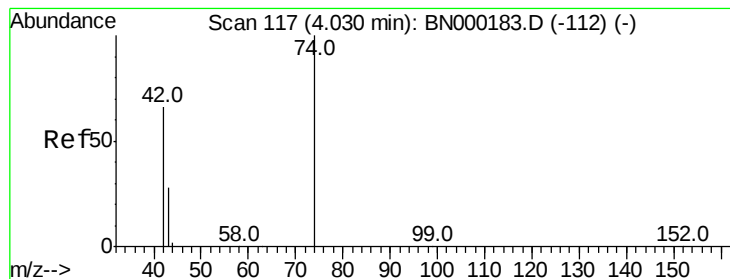


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.118 ng

RT: 3.59 min Scan# 69

Delta R.T. -0.02 min

Lab File: BN002208.D

Acq: 31 Jul 2018 13:20

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-180724

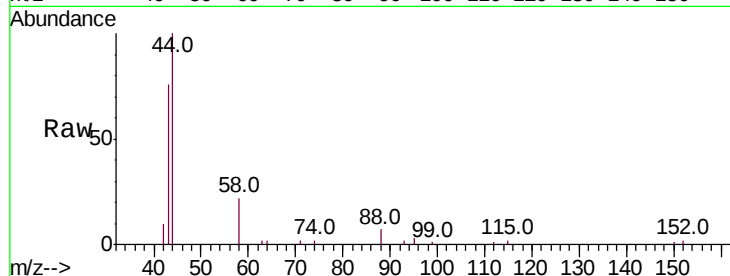
Tot Ion: 42 Resp: 10

Ion Ratio Lower Upper

42 100

74 0.0 88.0 132.0#

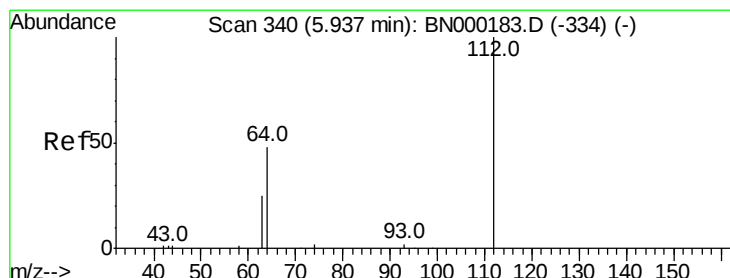
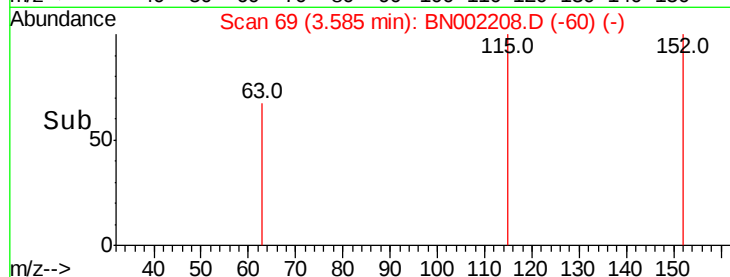
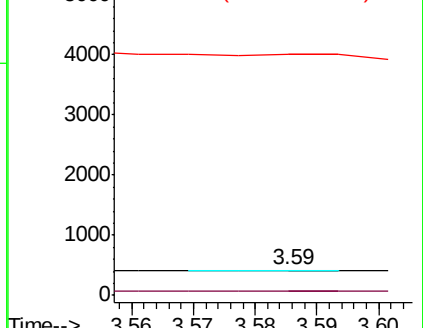
44 0.0 16.0 24.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.036 ng

RT: 5.32 min Scan# 284

Delta R.T. 0.01 min

Lab File: BN002208.D

Acq: 31 Jul 2018 13:20

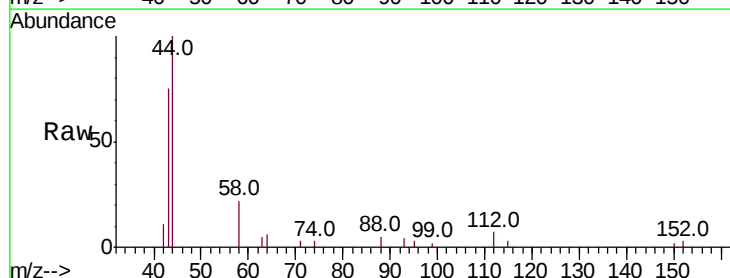
Tgt Ion: 112 Resp: 291

Ion Ratio Lower Upper

112 100

64 66.7 60.1 90.1

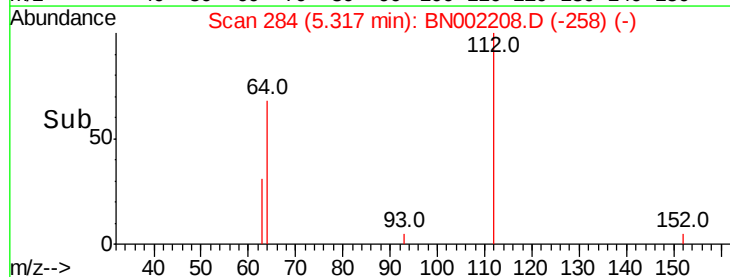
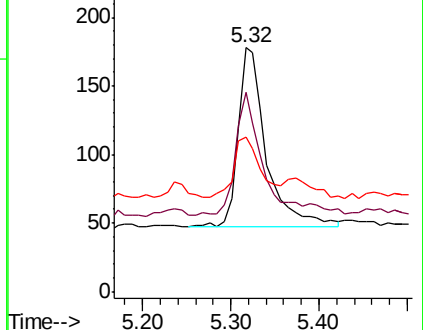
63 32.0 116.8 175.2#

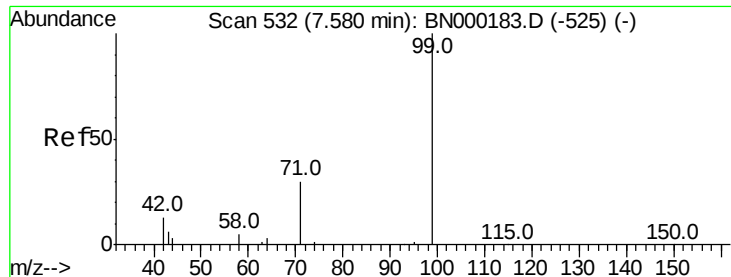


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.023 ng

RT: 6.90 min Scan# 480

Delta R.T. 0.02 min

Lab File: BN002208.D

Acq: 31 Jul 2018 13:20

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-180724

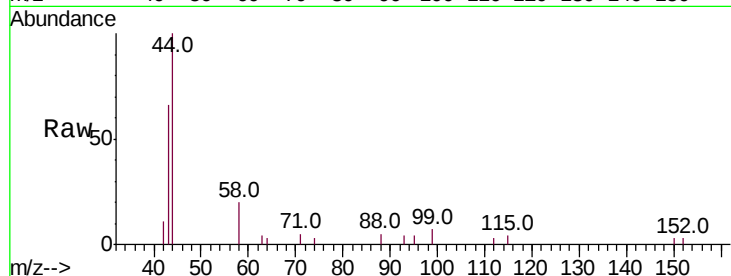
Tot Ion: 99 Resp: 224

Ion Ratio Lower Upper

99 100

42 37.5 20.2 30.2#

71 51.3 28.4 42.6#

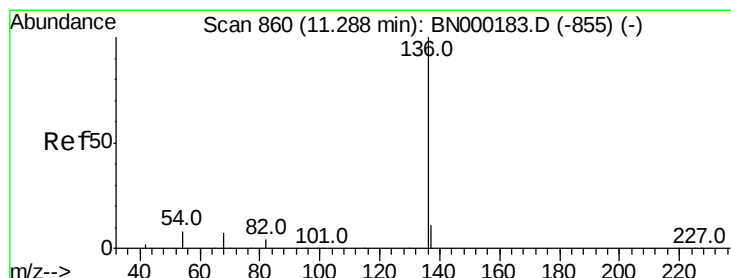
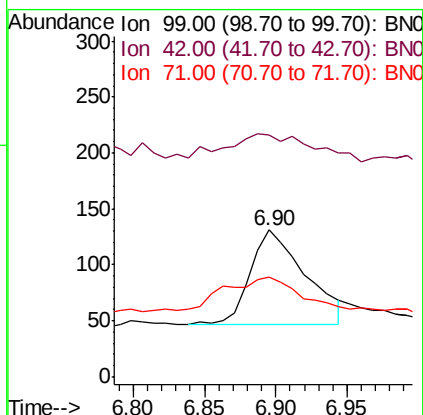
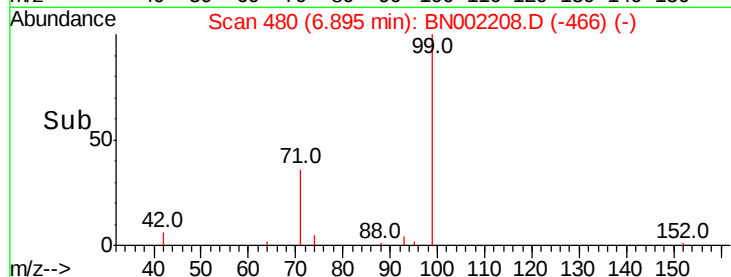


Abundance Ion 99.00 (98.70 to 99.70): BN000183.D (-525) (-)

Ion 42.00 (41.70 to 42.70): BN000183.D (-525) (-)

Ion 71.00 (70.70 to 71.70): BN000183.D (-525) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN002208.D

Acq: 31 Jul 2018 13:20

Tgt Ion: 136 Resp: 14250

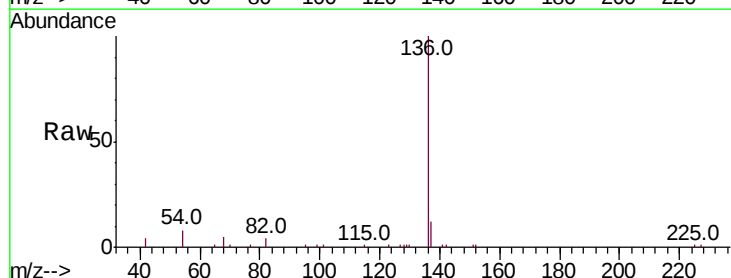
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 8.2 29.1 43.7#

68 5.5 6.2 9.2#



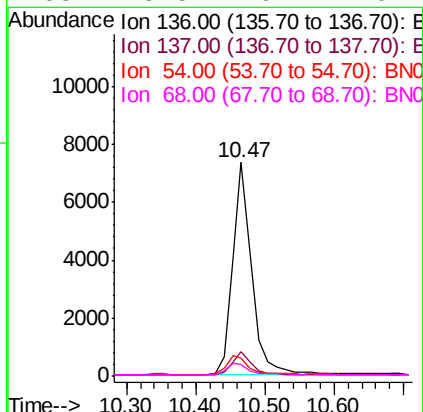
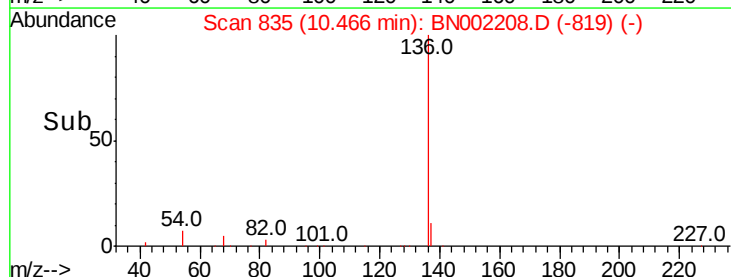
Abundance Ion 136.00 (135.70 to 136.70): BN000183.D (-855) (-)

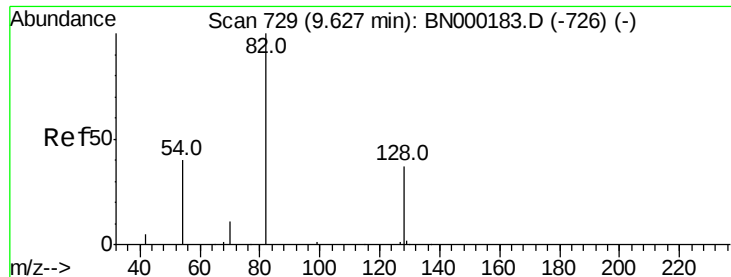
Ion 137.00 (136.70 to 137.70): BN000183.D (-855) (-)

Ion 54.00 (53.70 to 54.70): BN000183.D (-855) (-)

Ion 68.00 (67.70 to 68.70): BN000183.D (-855) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.457 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.00 min

Lab File: BN002208.D

Acq: 31 Jul 2018 13:20

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-180724

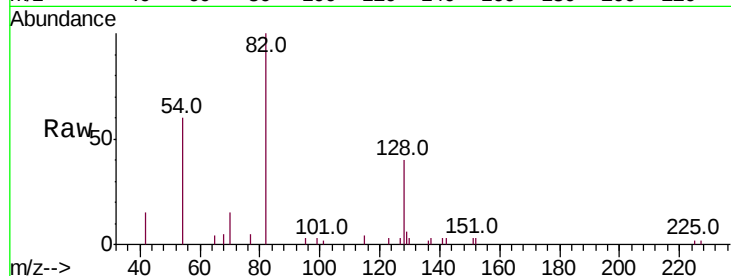
Tot Ion: 82 Resp: 4900

Ion Ratio Lower Upper

82 100

128 40.2 150.0 225.0#

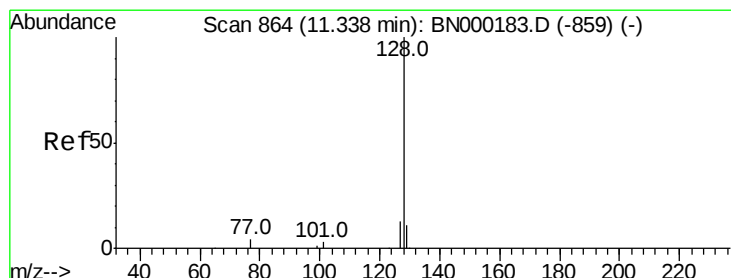
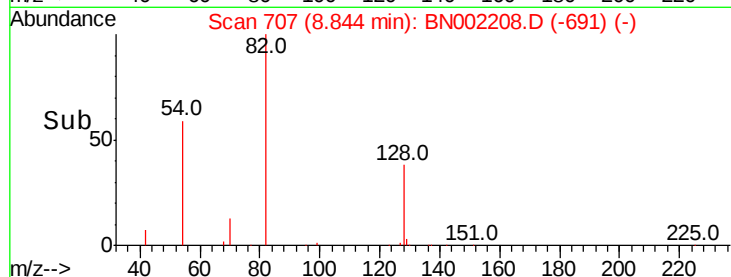
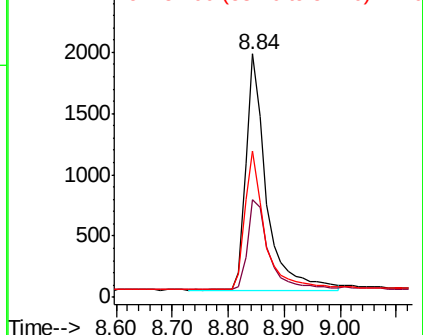
54 60.2 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#9

Naphthalene

Concen: 0.026 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN002208.D

Acq: 31 Jul 2018 13:20

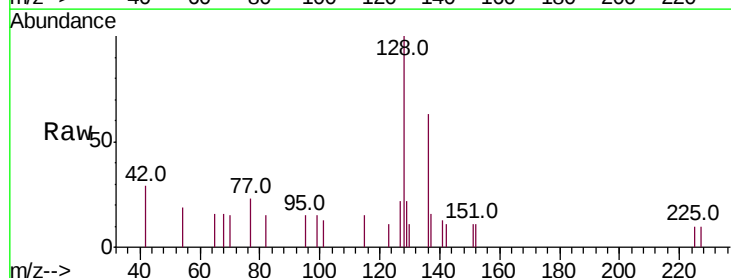
Tgt Ion: 128 Resp: 848

Ion Ratio Lower Upper

128 100

129 22.3 8.0 12.0#

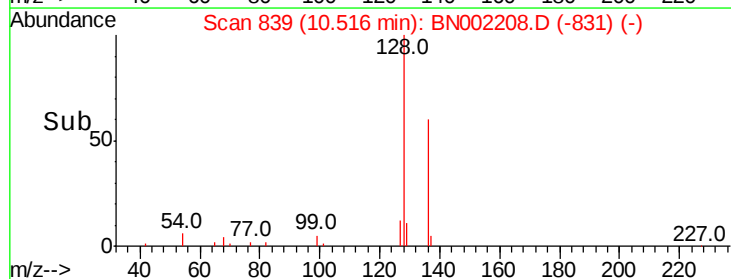
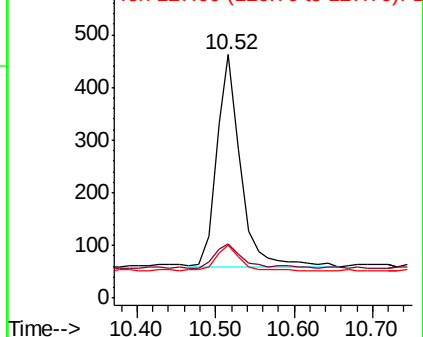
127 21.6 9.6 14.4#

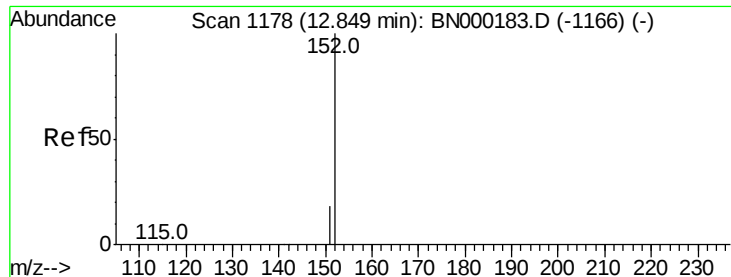


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

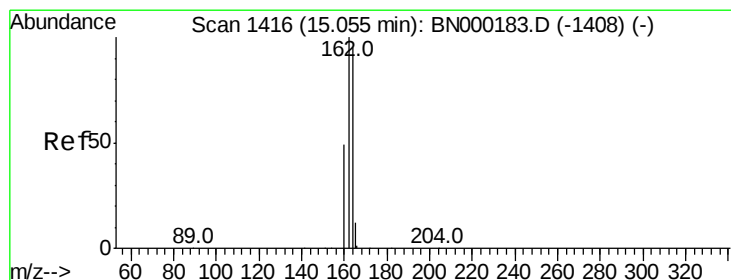
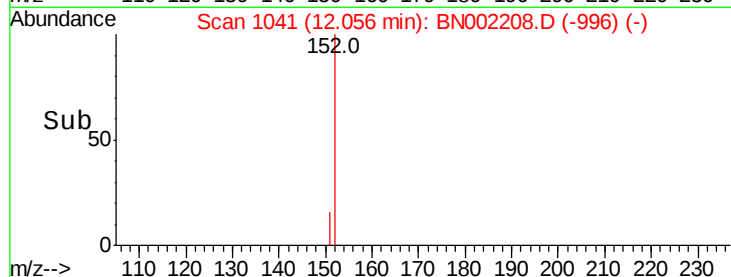
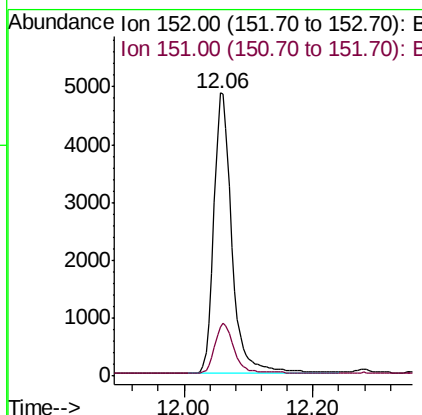
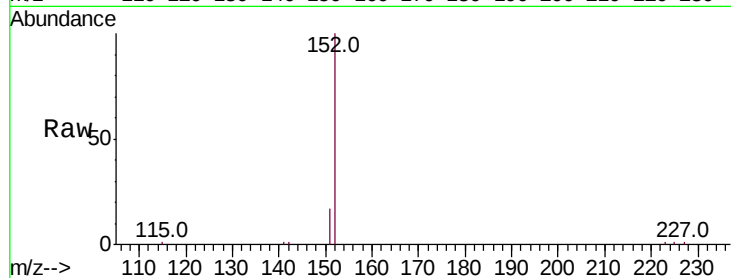




#11
2-Methylnaphthalene-d10
Concen: 0.450 ng
RT: 12.06 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BN002208.D
Acq: 31 Jul 2018 13:20

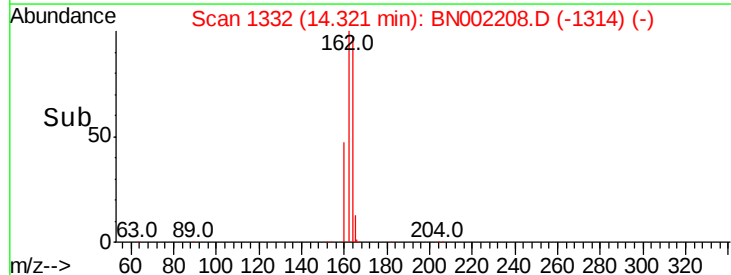
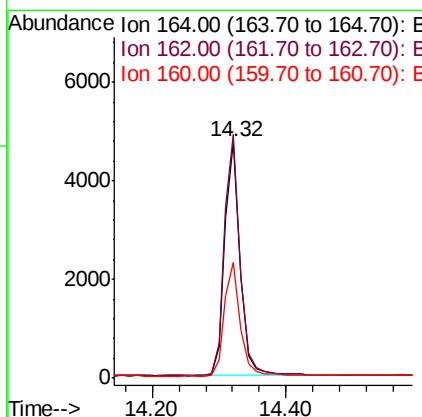
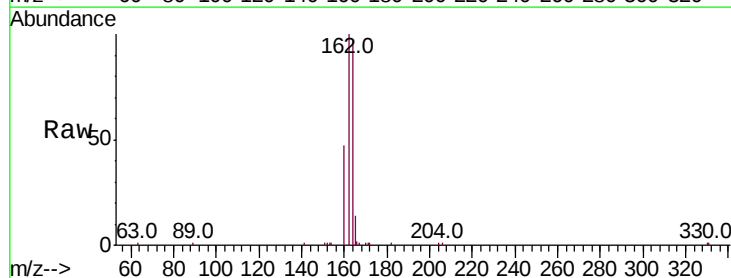
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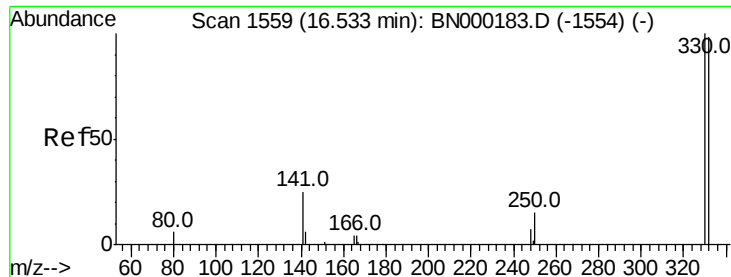
Tot Ion:152 Resp: 9445
Ion Ratio Lower Upper
152 100
151 19.0 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BN002208.D
Acq: 31 Jul 2018 13:20

Tgt Ion:164 Resp: 7667
Ion Ratio Lower Upper
164 100
162 102.9 83.1 124.7
160 48.7 37.1 55.7





#14

2,4,6-Tribromophenol

Concen: 0.305 ng

RT: 15.83 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BN002208.D

Acq: 31 Jul 2018 13:20

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-180724

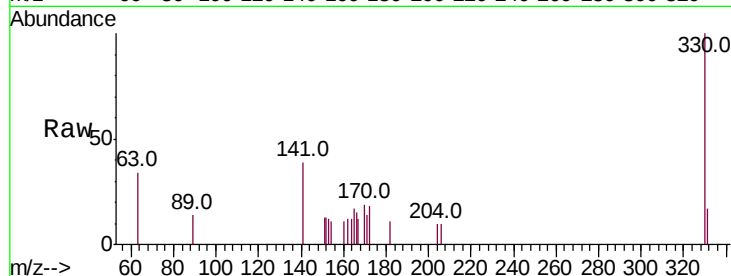
Tot Ion:330 Resp: 998

Ion Ratio Lower Upper

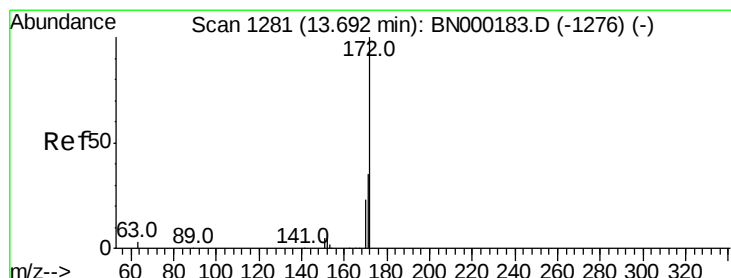
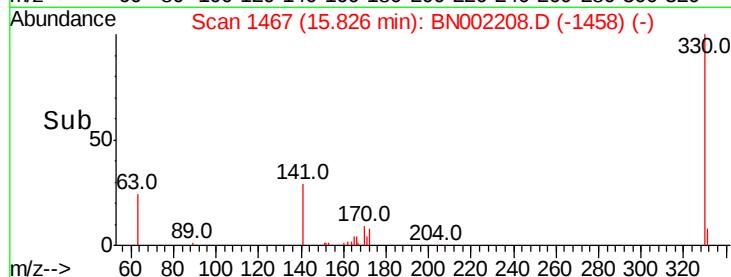
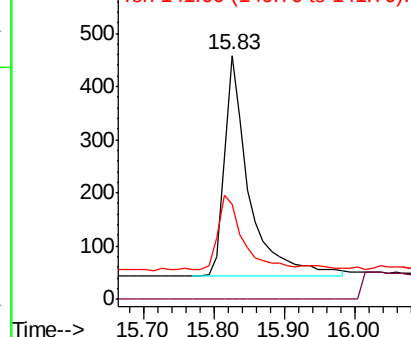
330 100

332 0.0 152.7 229.1#

141 35.9 33.7 50.5



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: 0.617 ng

RT: 12.94 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BN002208.D

Acq: 31 Jul 2018 13:20

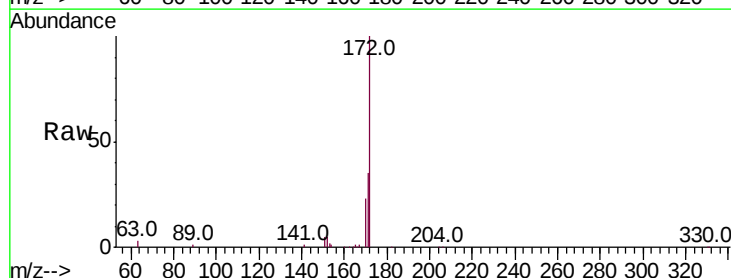
Tgt Ion:172 Resp: 18150

Ion Ratio Lower Upper

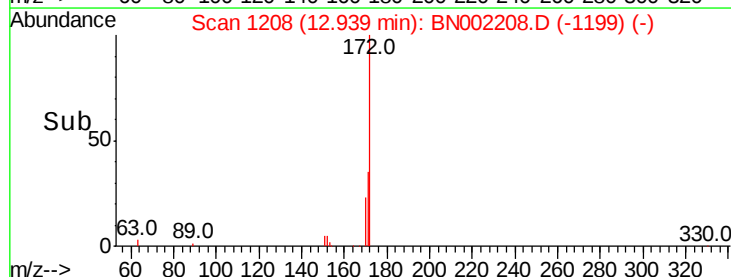
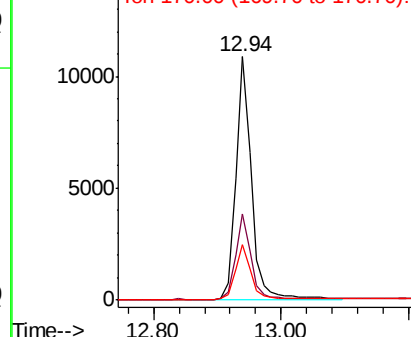
172 100

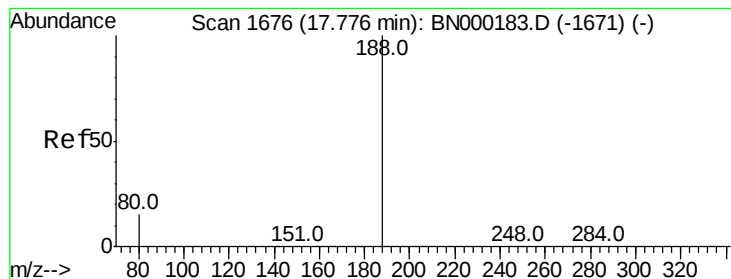
171 35.1 29.9 44.9

170 23.0 21.8 32.8



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. -0.00 min

Lab File: BN002208.D

Acq: 31 Jul 2018 13:20

Instrument :

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ClientSampleId :

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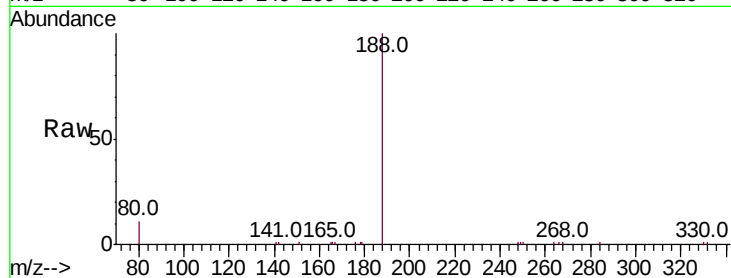
Tot Ion:188 Resp: 16925

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

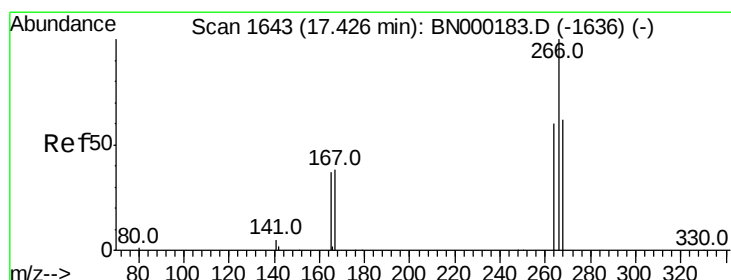
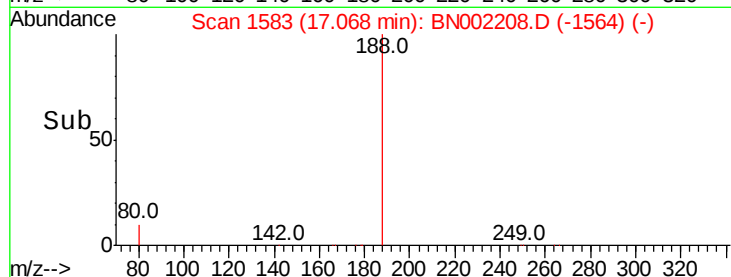
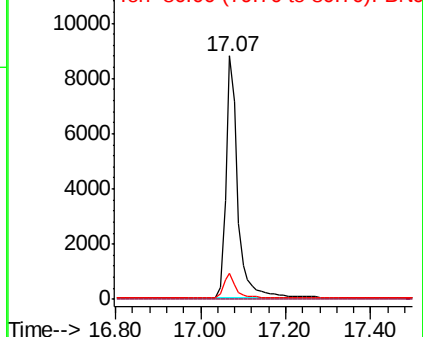
80 10.8 3.6 5.4#



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: 0.097 ng

RT: 16.75 min Scan# 1553

Delta R.T. 0.01 min

Lab File: BN002208.D

Acq: 31 Jul 2018 13:20

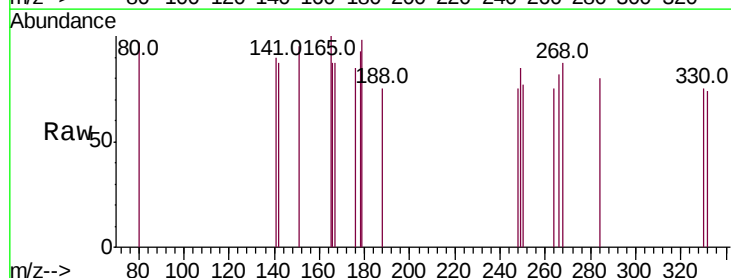
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 92.0 48.0 72.0#

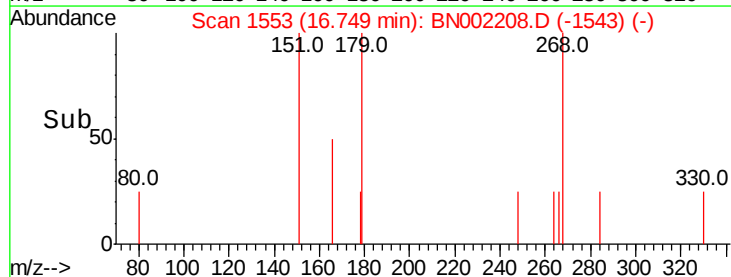
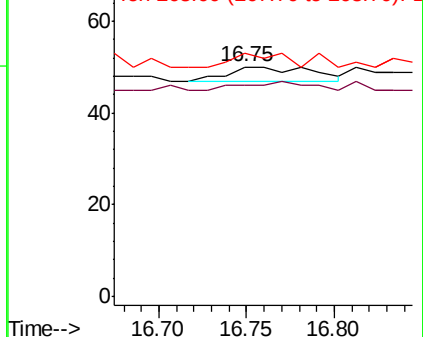
268 106.0 52.0 78.0#

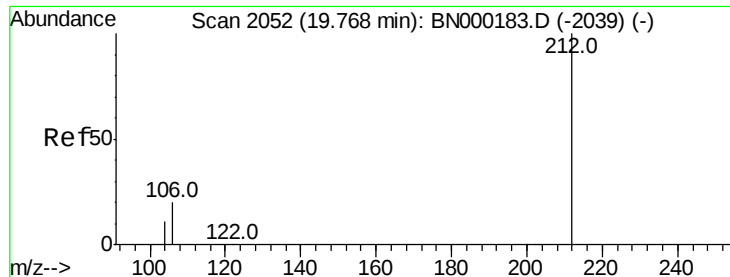


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.459 ng

RT: 19.11 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN002208.D

Acq: 31 Jul 2018 13:20

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-180724

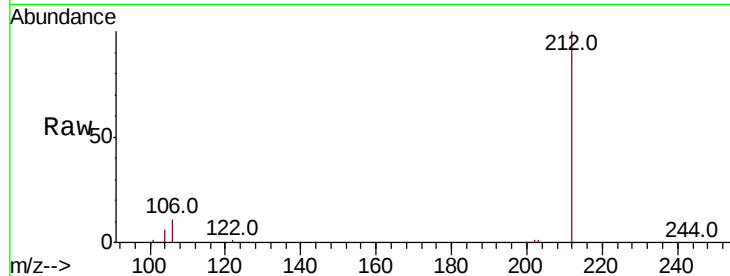
Tot Ion:212 Resp: 19193

Ion Ratio Lower Upper

212 100

106 11.8 2.8 4.2#

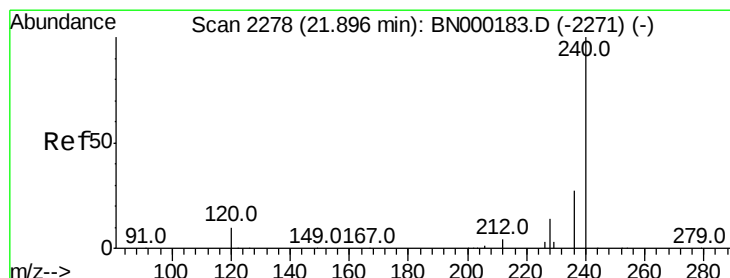
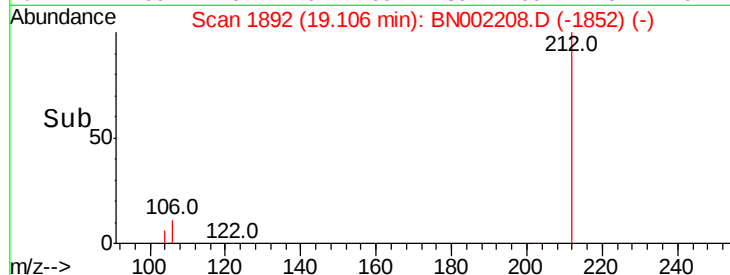
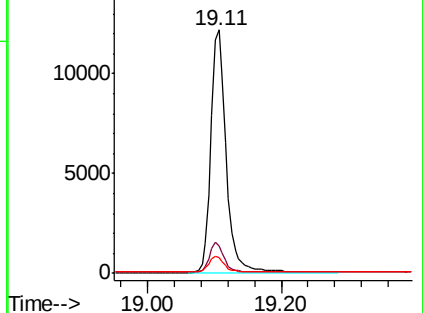
104 6.6 1.6 2.4#



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. -0.00 min

Lab File: BN002208.D

Acq: 31 Jul 2018 13:20

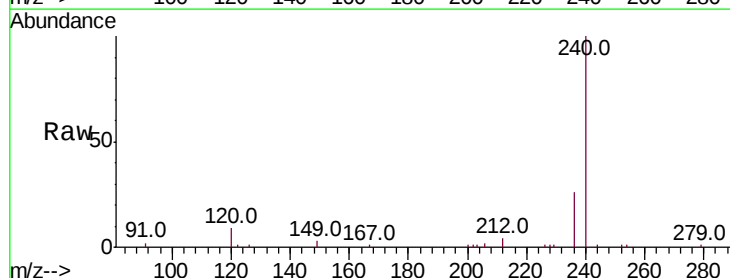
Tgt Ion:240 Resp: 13233

Ion Ratio Lower Upper

240 100

120 9.1 5.5 8.3#

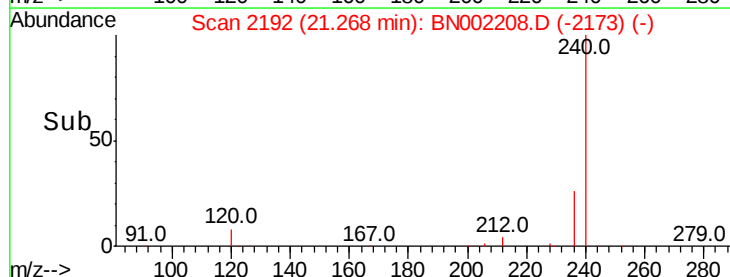
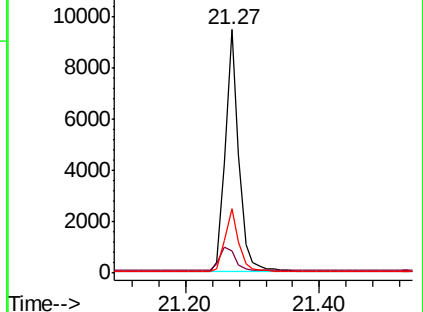
236 26.2 20.7 31.1

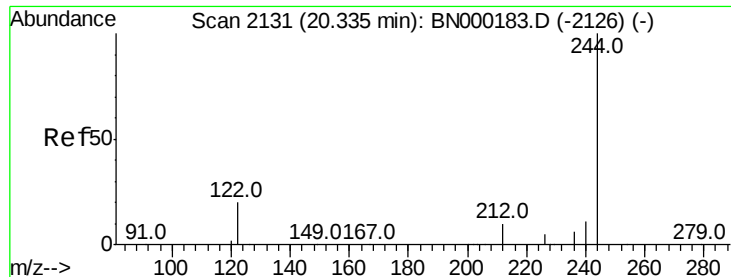


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.539 ng

RT: 19.71 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BN002208.D

Acq: 31 Jul 2018 13:20

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-180724

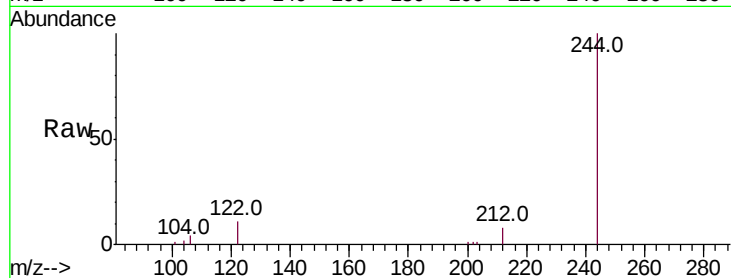
Tot Ion:244 Resp: 15230

Ion Ratio Lower Upper

244 100

212 8.1 25.4 38.0#

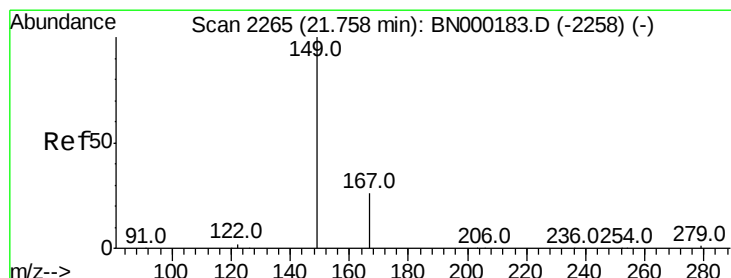
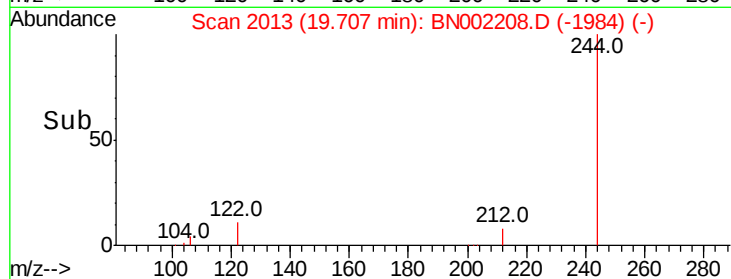
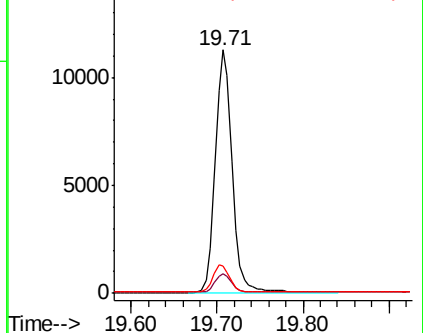
122 11.5 8.1 12.1



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: 0.096 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN002208.D

Acq: 31 Jul 2018 13:20

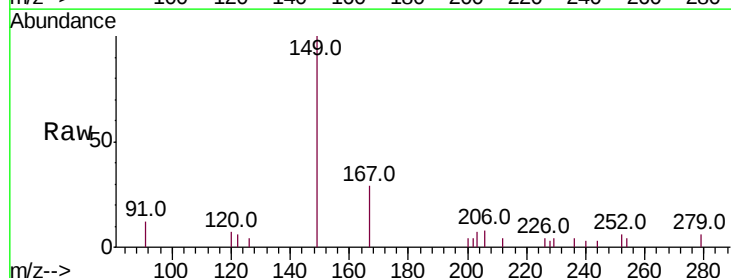
Tgt Ion:149 Resp: 1467

Ion Ratio Lower Upper

149 100

167 29.8 20.0 30.0

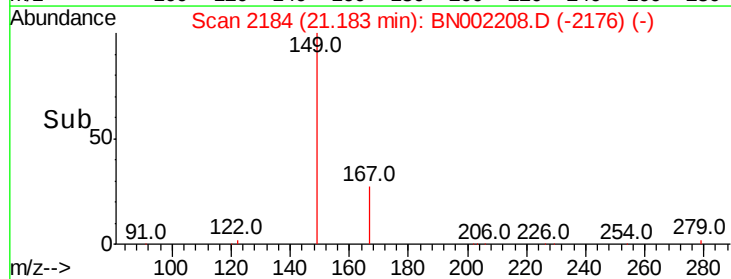
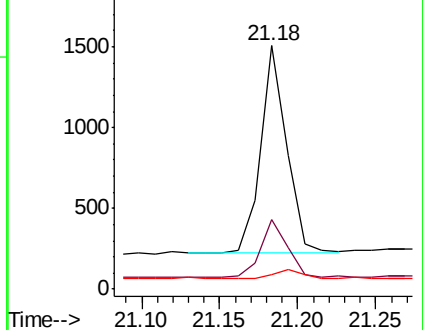
279 5.0 1.6 2.4#

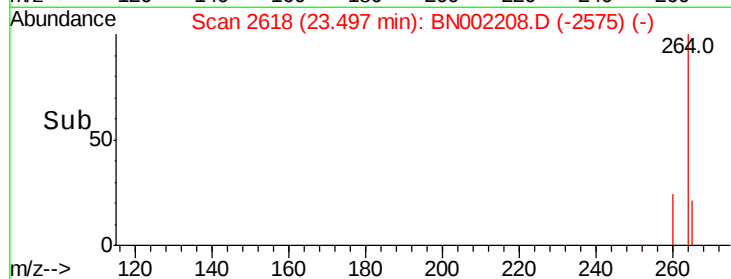
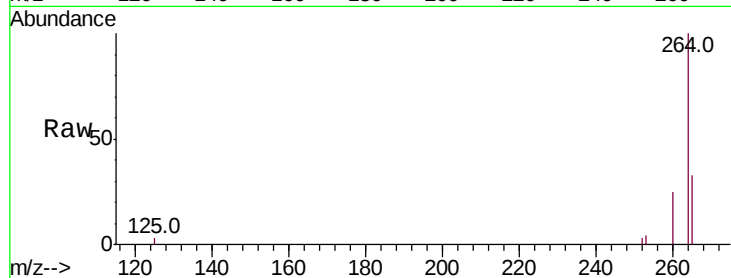
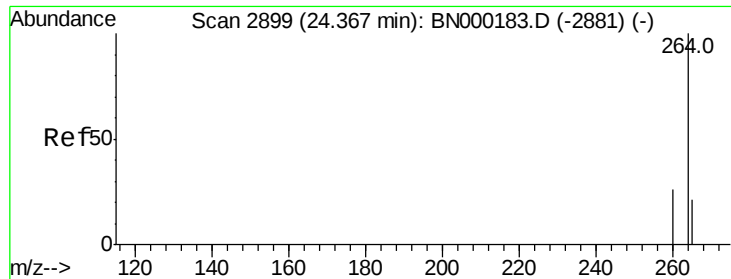


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.50 min Scan# 2618

Delta R.T. -0.00 min

Lab File: BN002208.D

Acq: 31 Jul 2018 13:20

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-180724

Tot Ion:264 Resp: 11473

Ion Ratio Lower Upper

264 100

260 24.6 20.5 30.7

265 32.8 22.8 34.2

