

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006634.D
 Acq On : 29 Jun 2019 03:21
 Operator : HP/JU
 Sample : K3476-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-190620

Quant Time: Jun 29 03:55:18 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

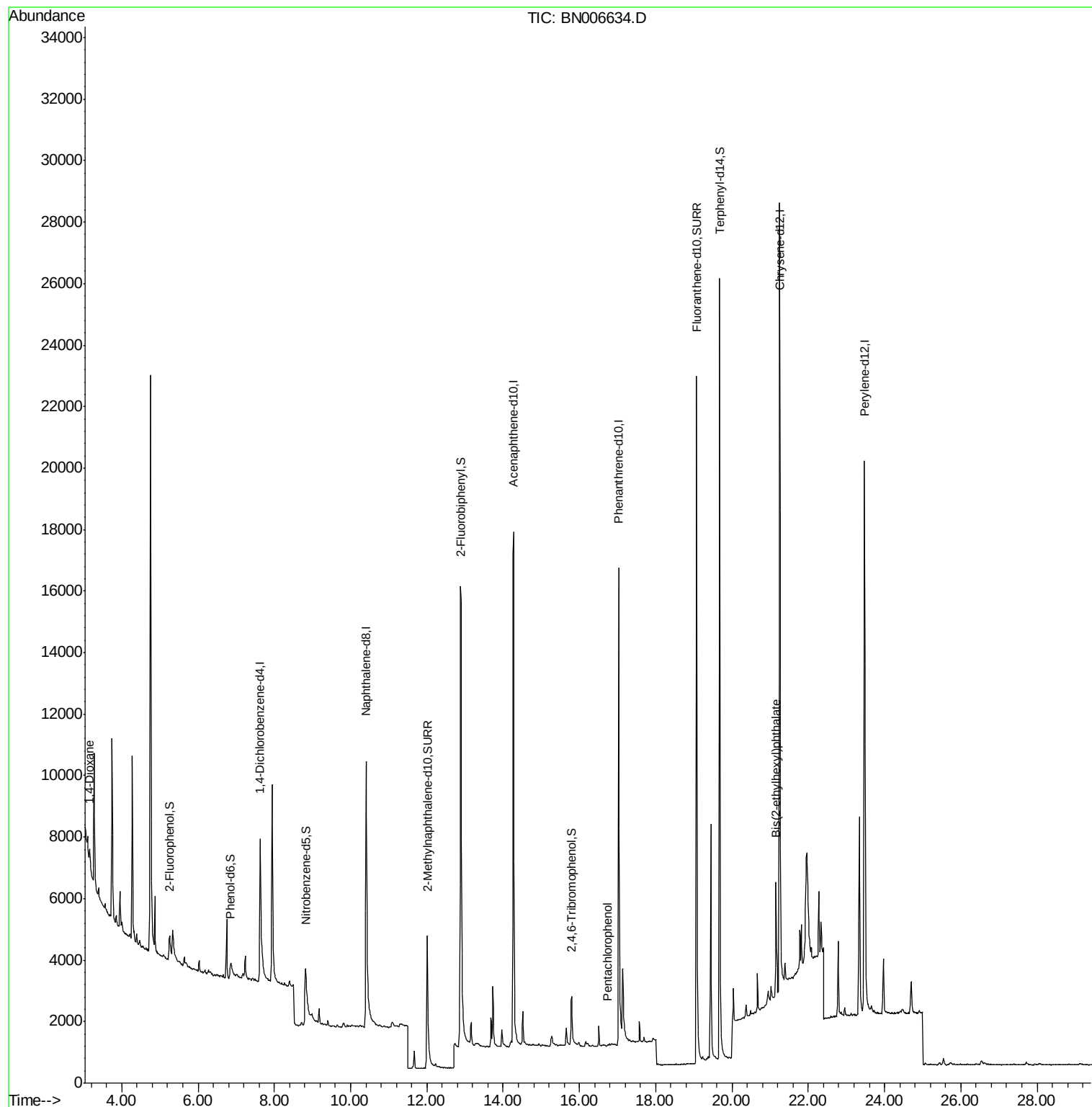
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4110	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	17113	0.40	ng	0.00
13) Acenaphthene-d10	14.28	164	11857	0.40	ng	0.00
19) Phenanthrene-d10	17.04	188	26392	0.40	ng	0.00
27) Chrysene-d12	21.25	240	26699	0.40	ng	-0.02
34) Perylene-d12	23.48	264	25436	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1584	0.16	ng	0.00
5) Phenol-d6	6.85	99	1218	0.09	ng	0.02
8) Nitrobenzene-d5	8.82	82	4154	0.36	ng	0.03
11) 2-Methylnaphthalene-d10	12.01	152	9703	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	1880	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.89	172	20207	0.46	ng	0.00
25) Fluoranthene-d10	19.08	212	29170	0.38	ng	0.00
29) Terphenyl-d14	19.68	244	27873	0.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.17	88	390	0.069	ng	# 55
22) Pentachlorophenol	16.73	266	4	0.193	ng	# 72
32) Bis(2-ethylhexyl)phthalate	21.15	149	2990	0.068	ng	93

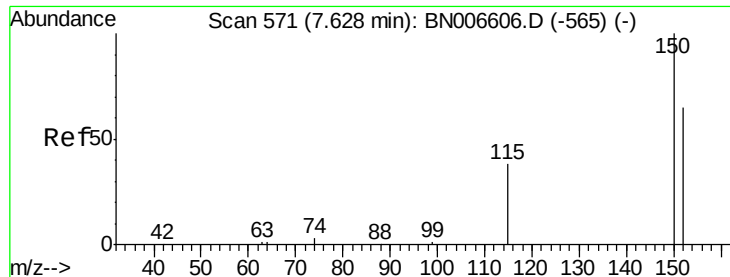
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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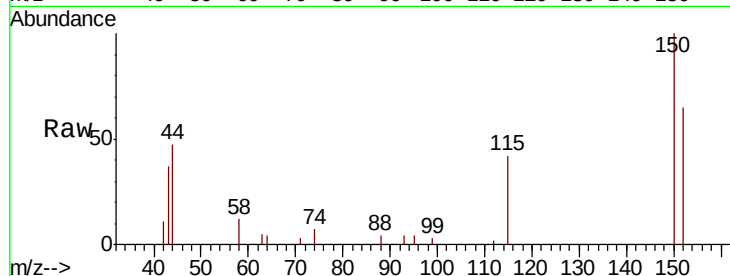


#1

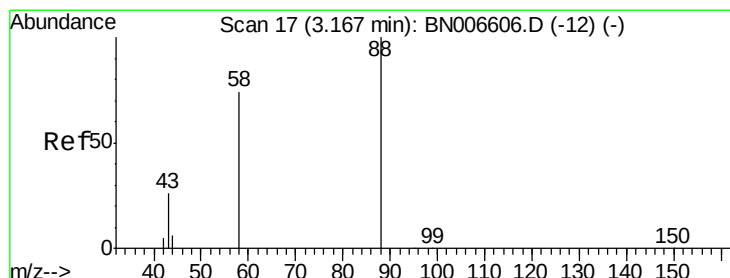
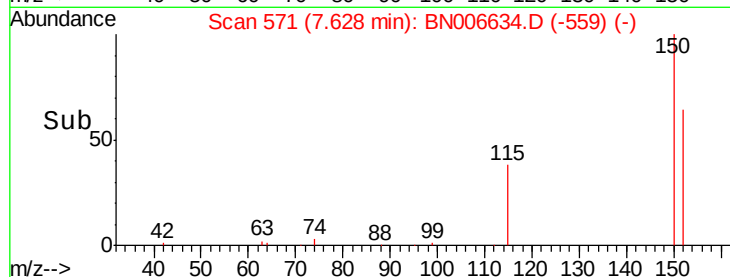
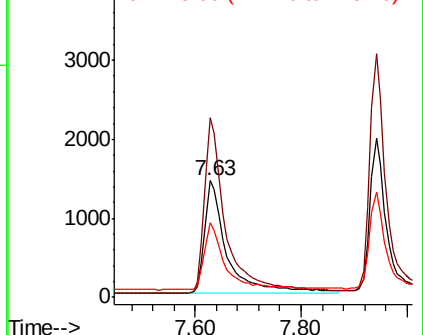
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006634.D
Acq: 29 Jun 2019 03:21

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-190620

Tgt Ion: 152 Resp: 4110
Ion Ratio Lower Upper
152 100
150 153.4 122.2 183.2
115 63.7 50.0 75.0



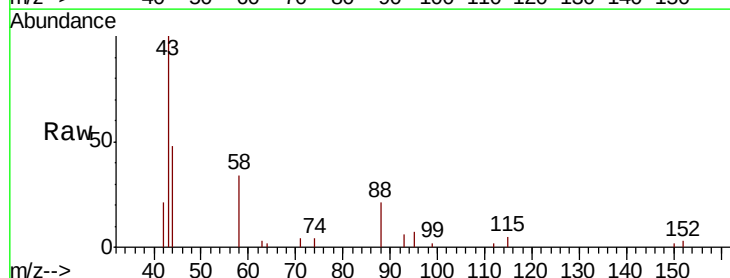
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



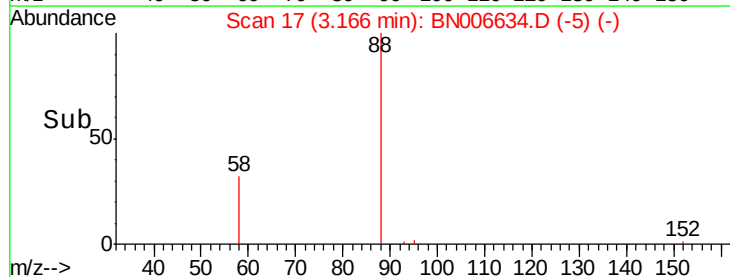
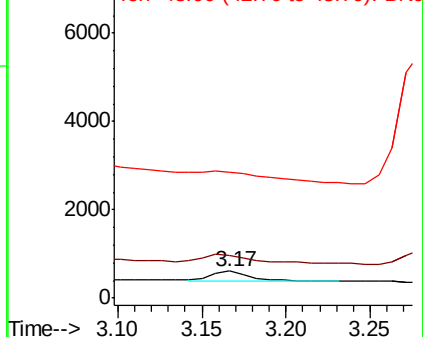
#2

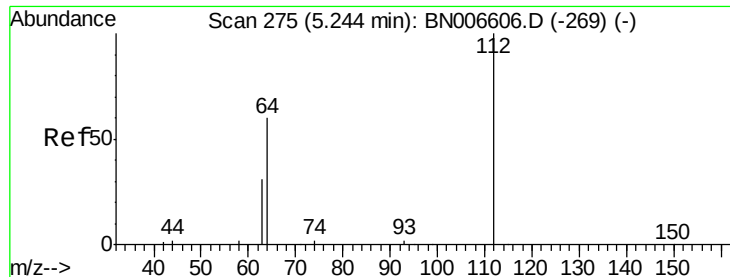
1,4-Dioxane
Concen: 0.069 ng
RT: 3.17 min Scan# 17
Delta R.T. -0.00 min
Lab File: BN006634.D
Acq: 29 Jun 2019 03:21

Tgt Ion: 88 Resp: 390
Ion Ratio Lower Upper
88 100
58 113.6 62.5 93.7#
43 0.0 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: 0.157 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.01 min

Lab File: BN006634.D

Acq: 29 Jun 2019 03:21

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-190620

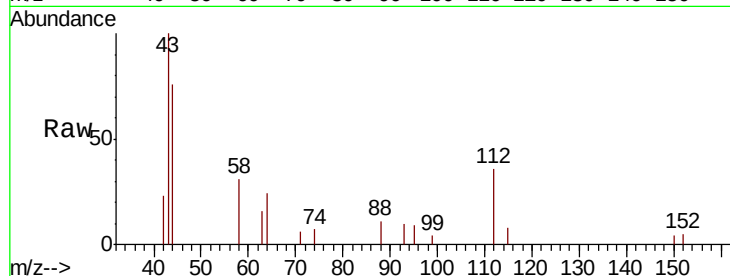
Tgt Ion: 112 Resp: 1584

Ion Ratio Lower Upper

112 100

64 63.1 48.9 73.3

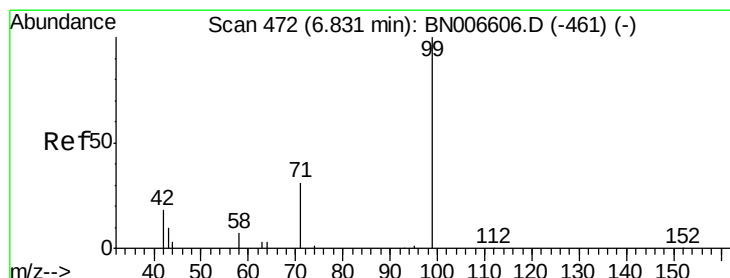
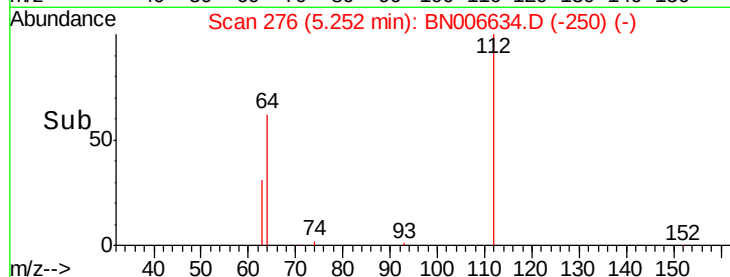
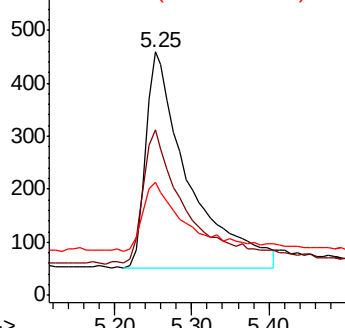
63 32.6 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0



#5

Phenol-d6

Concen: 0.091 ng

RT: 6.85 min Scan# 475

Delta R.T. 0.02 min

Lab File: BN006634.D

Acq: 29 Jun 2019 03:21

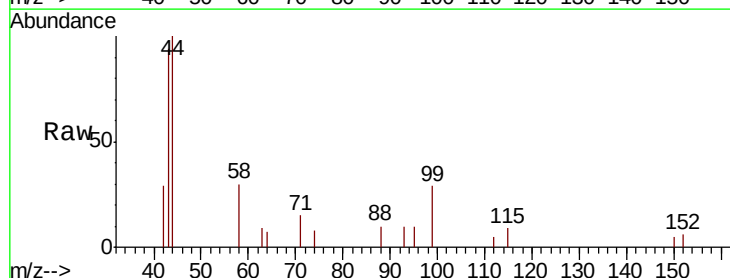
Tgt Ion: 99 Resp: 1218

Ion Ratio Lower Upper

99 100

42 22.2 16.4 24.6

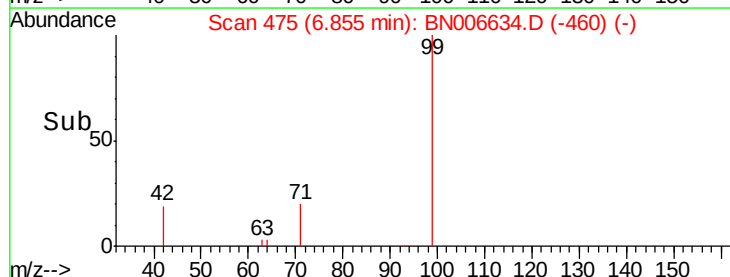
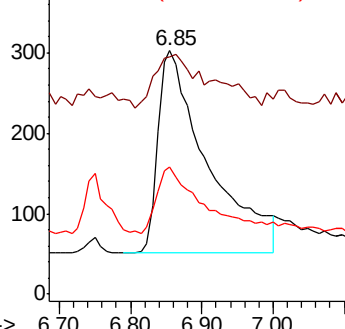
71 30.2 26.6 40.0

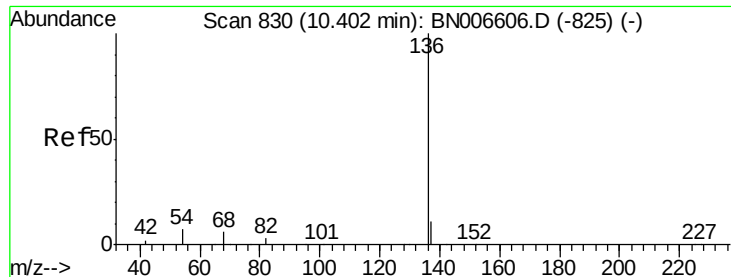


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006634.D

Acq: 29 Jun 2019 03:21

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-190620

Tgt Ion:136 Resp: 17113

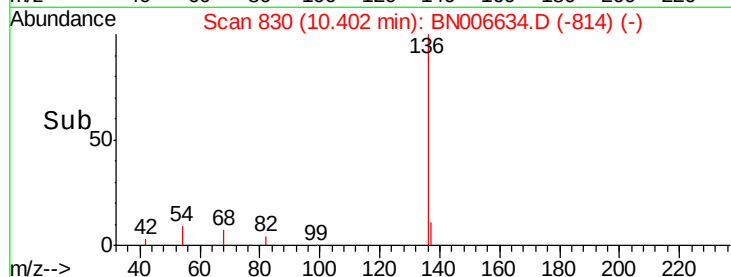
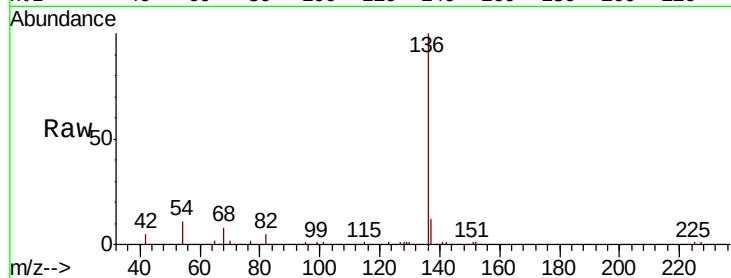
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 10.8 6.7 10.1#

68 8.4 5.3 7.9#

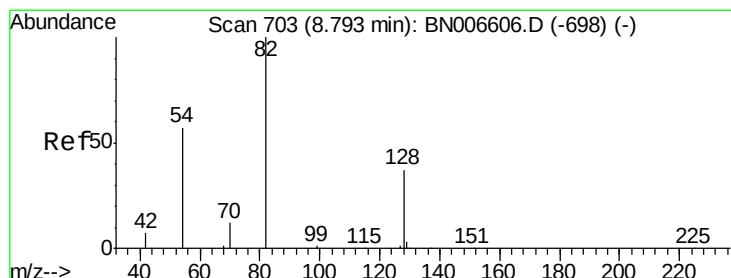
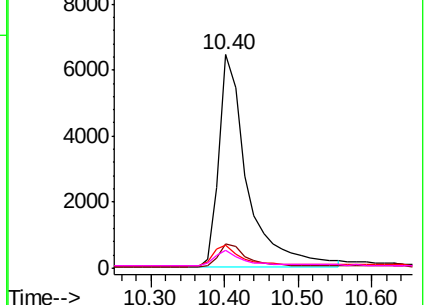


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.361 ng

RT: 8.82 min Scan# 705

Delta R.T. 0.03 min

Lab File: BN006634.D

Acq: 29 Jun 2019 03:21

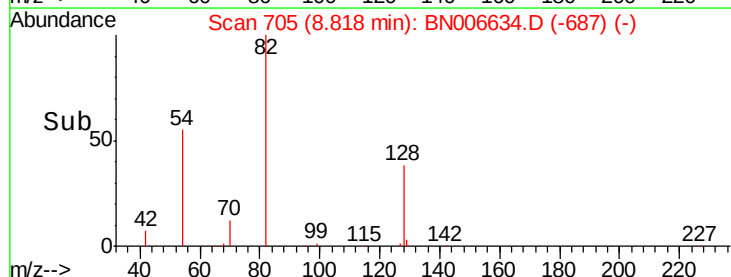
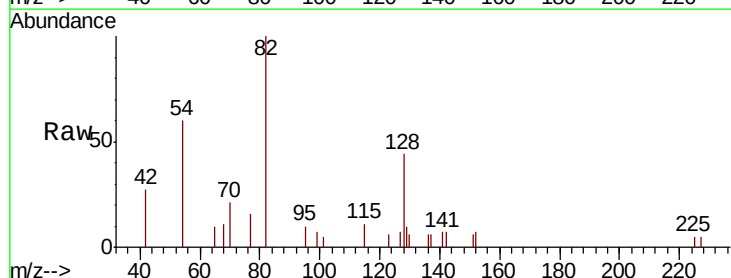
Tgt Ion: 82 Resp: 4154

Ion Ratio Lower Upper

82 100

128 43.8 32.6 49.0

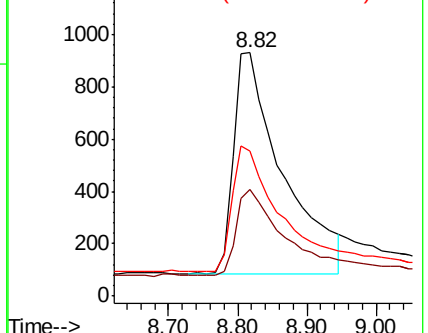
54 59.6 48.2 72.4

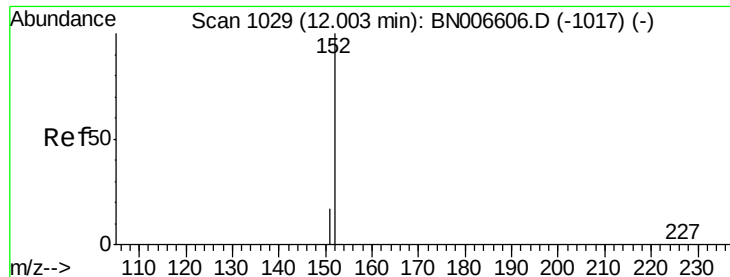


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

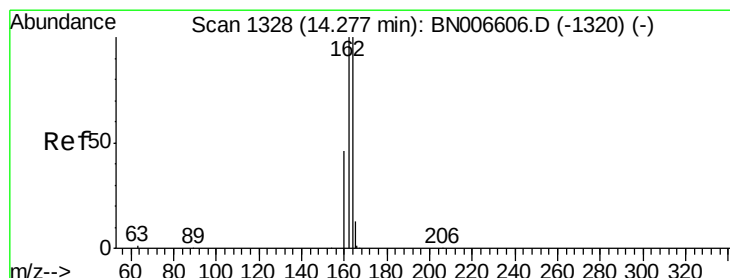
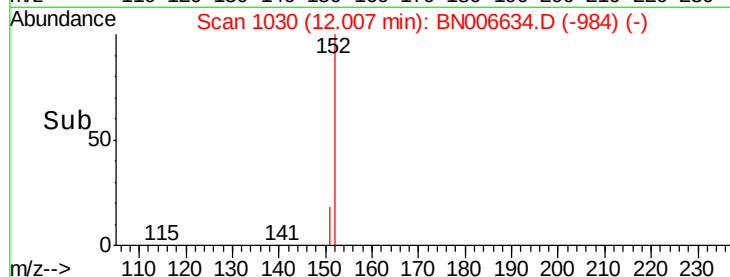
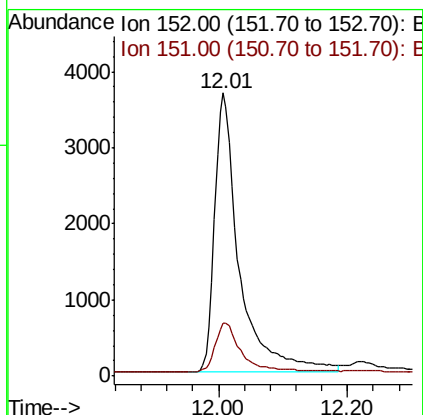
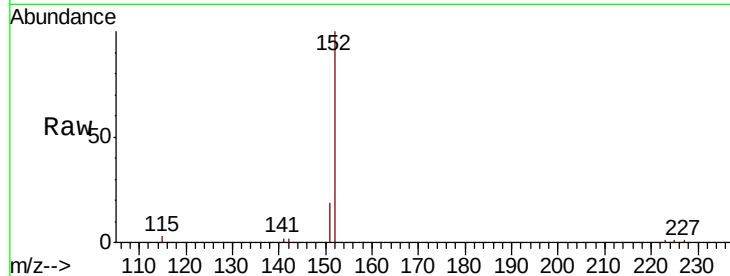




#11
2-Methylnaphthalene-d10
Concen: 0.360 ng
RT: 12.01 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BN006634.D
Acq: 29 Jun 2019 03:21

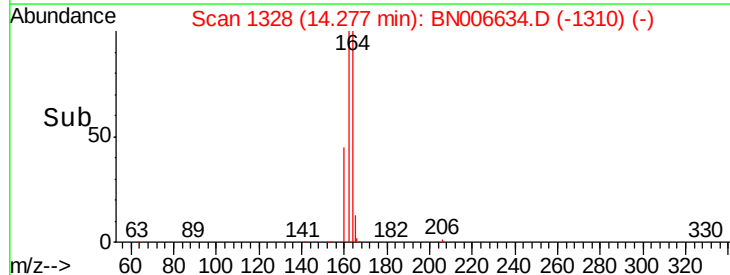
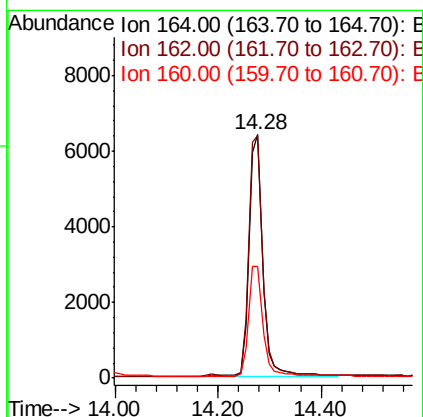
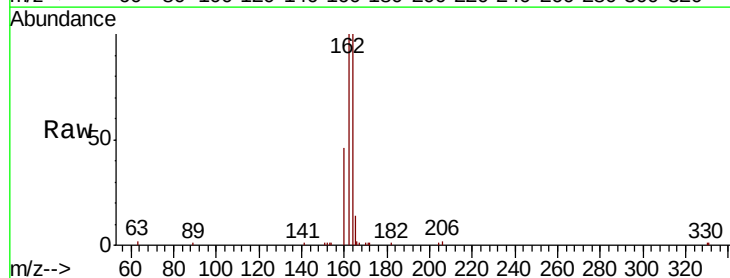
Instrument :
BNA_N
ClientSampleId :
OUTFALL001-190620

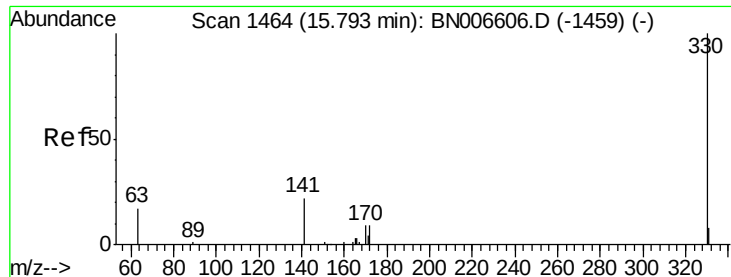
Tgt Ion:152 Resp: 9703
Ion Ratio Lower Upper
152 100
151 19.2 15.0 22.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.28 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BN006634.D
Acq: 29 Jun 2019 03:21

Tgt Ion:164 Resp: 11857
Ion Ratio Lower Upper
164 100
162 99.7 80.0 120.0
160 46.0 37.0 55.4





#14

2,4,6-Tribromophenol

Concen: 0.337 ng

RT: 15.79 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BN006634.D

Acq: 29 Jun 2019 03:21

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-190620

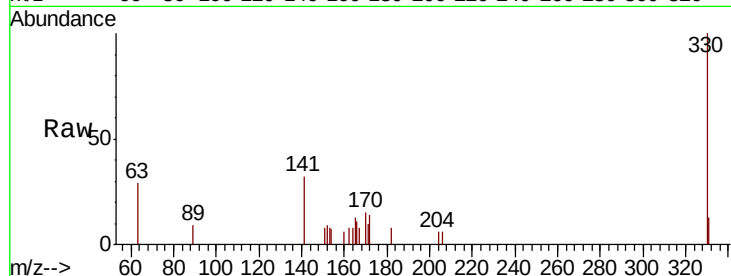
Tgt Ion:330 Resp: 1880

Ion Ratio Lower Upper

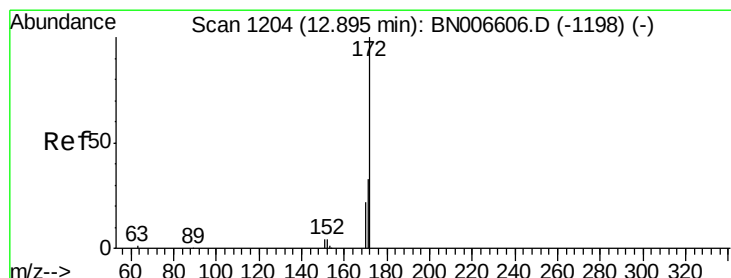
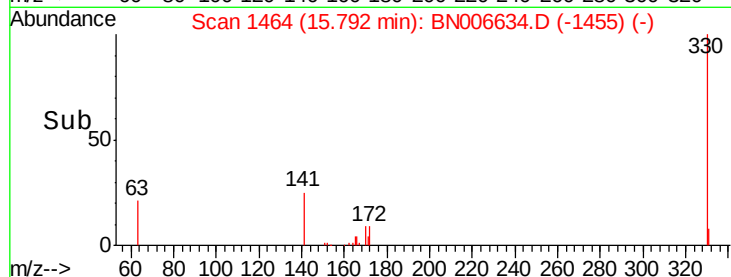
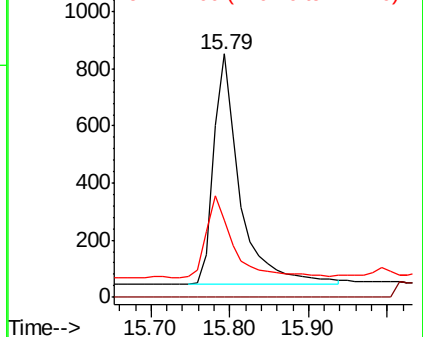
330 100

332 0.0 0.0 0.0

141 37.2 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: 0.460 ng

RT: 12.89 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BN006634.D

Acq: 29 Jun 2019 03:21

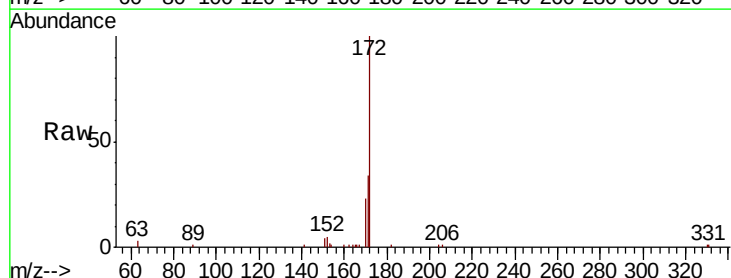
Tgt Ion:172 Resp: 20207

Ion Ratio Lower Upper

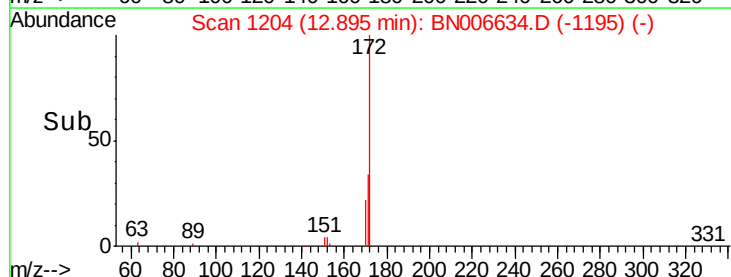
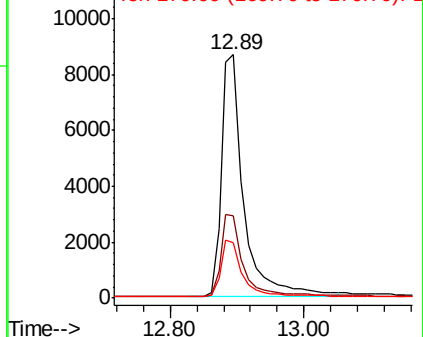
172 100

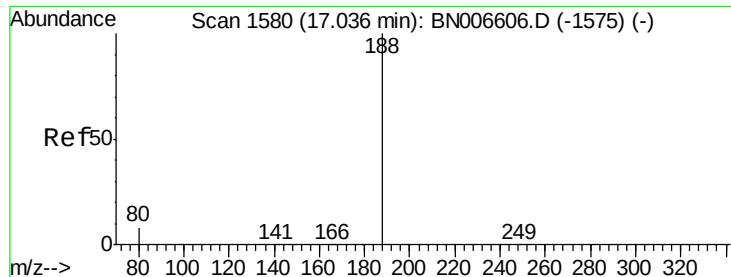
171 33.9 27.0 40.4

170 22.6 17.7 26.5



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: 17.04 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BN006634.D

Acq: 29 Jun 2019 03:21

Instrument :

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OUTFALL001-190620

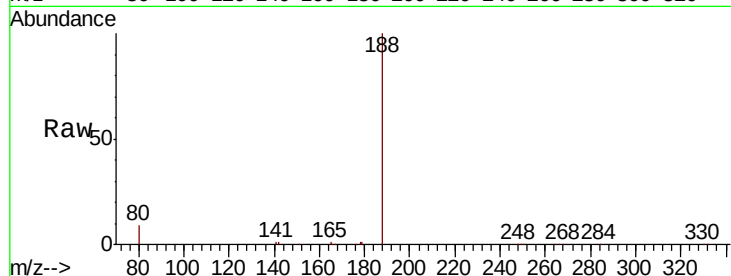
Tgt Ion:188 Resp: 26392

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

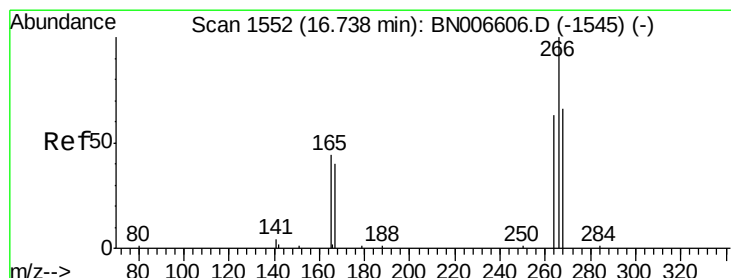
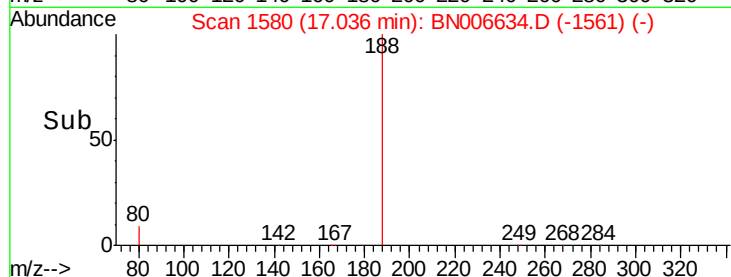
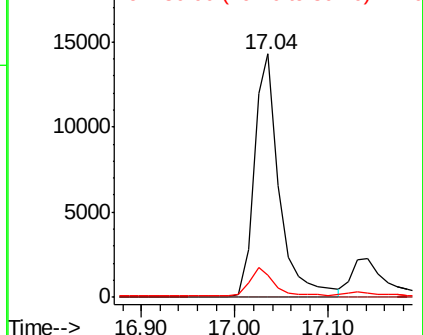
80 9.2 7.1 10.7



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: 0.193 ng

RT: 16.73 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN006634.D

Acq: 29 Jun 2019 03:21

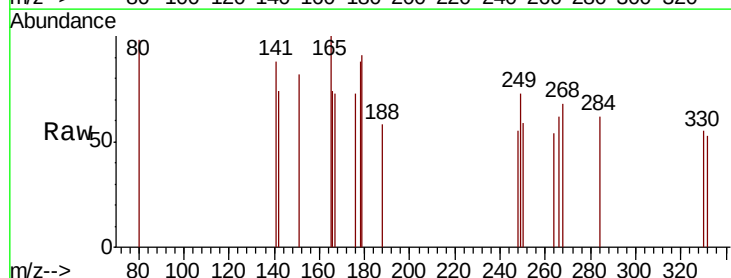
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 86.8 56.2 84.4#

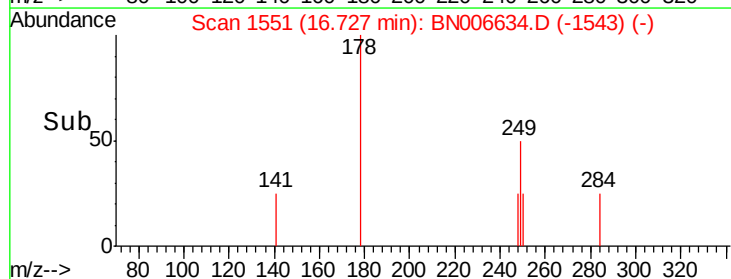
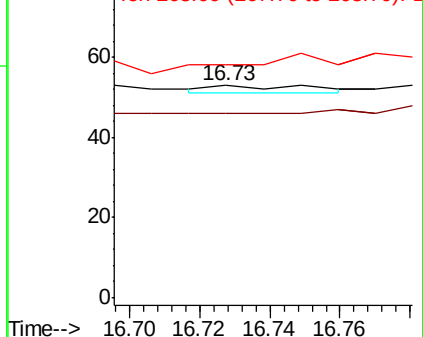
268 109.4 63.0 94.4#

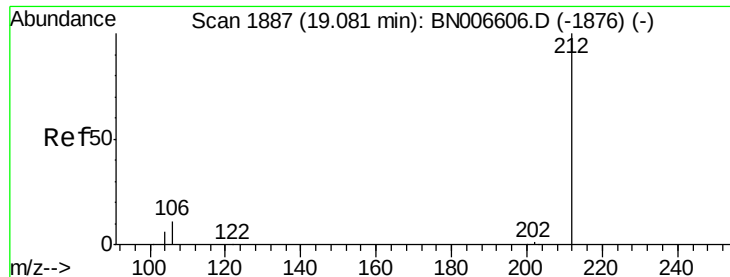


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BN006634.D

Acq: 29 Jun 2019 03:21

Instrument :

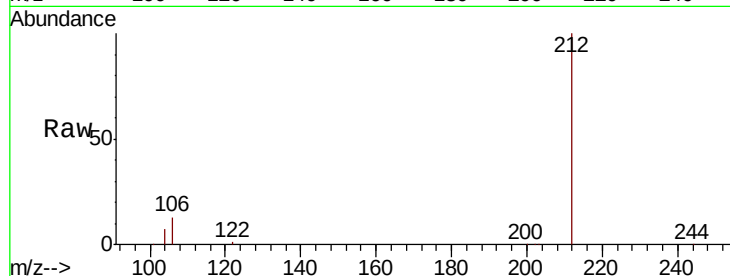
BNA_N

ClientSampleId :

OUTFALL001-190620

Tgt Ion:212 Resp: 29170

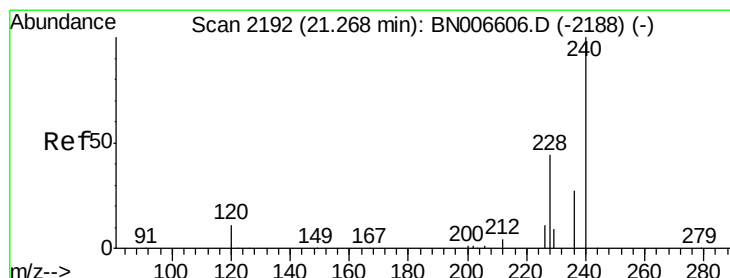
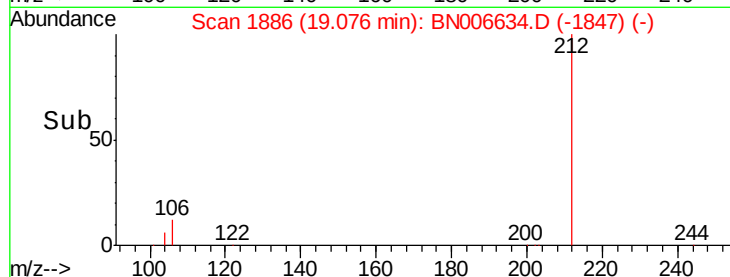
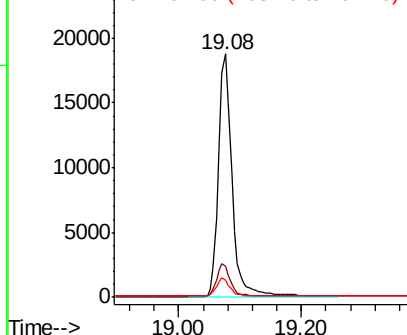
Ion	Ratio	Lower	Upper
212	100		
106	13.6	10.6	15.8
104	7.3	5.8	8.6



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: 21.25 min Scan# 2190

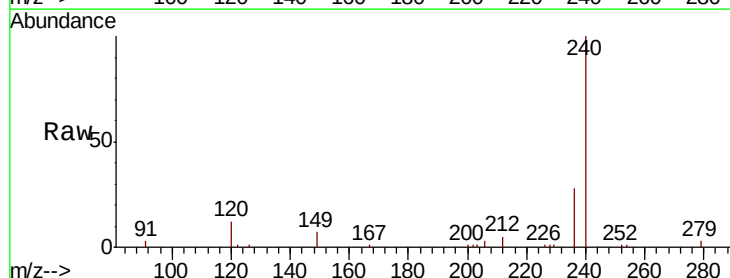
Delta R.T. -0.02 min

Lab File: BN006634.D

Acq: 29 Jun 2019 03:21

Tgt Ion:240 Resp: 26699

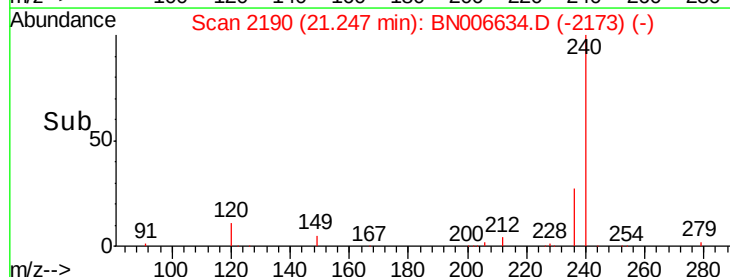
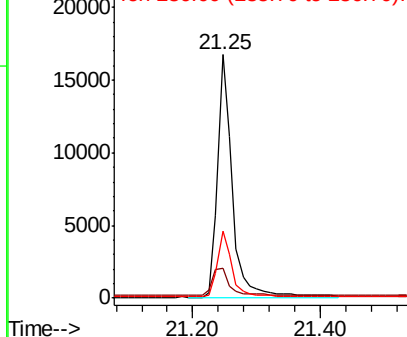
Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.9	14.9
236	27.7	22.2	33.4

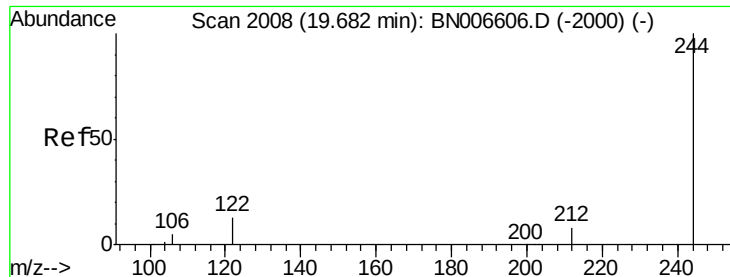


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.498 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BN006634.D

Acq: 29 Jun 2019 03:21

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-190620

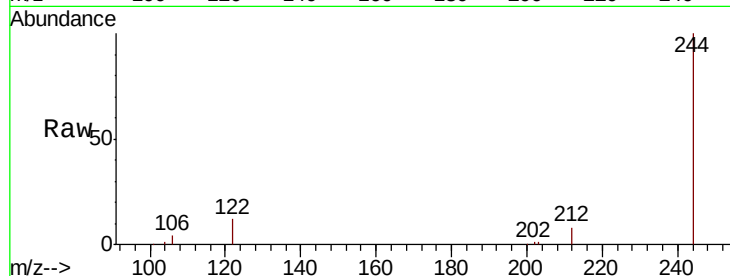
Tgt Ion:244 Resp: 27873

Ion Ratio Lower Upper

244 100

212 8.1 6.7 10.1

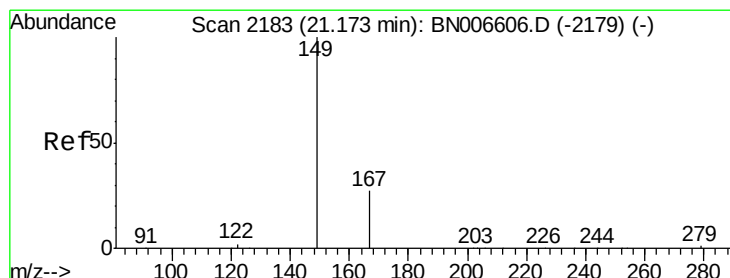
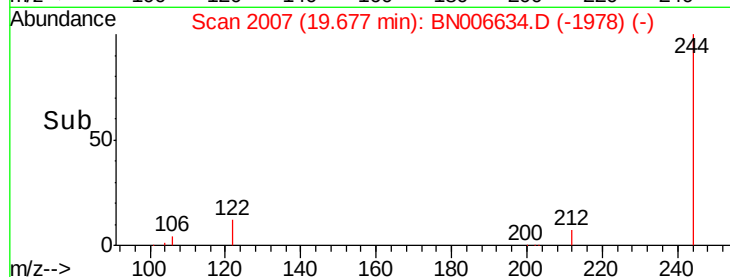
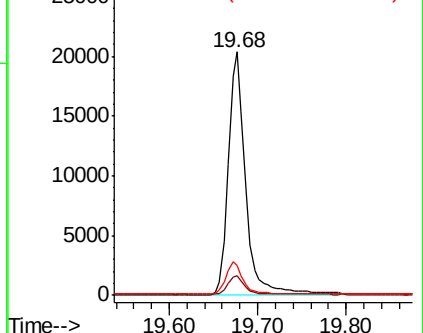
122 12.2 11.0 16.6



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: 0.068 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BN006634.D

Acq: 29 Jun 2019 03:21

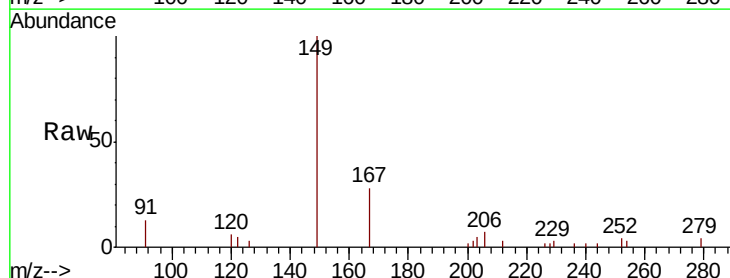
Tgt Ion:149 Resp: 2990

Ion Ratio Lower Upper

149 100

167 32.7 22.9 34.3

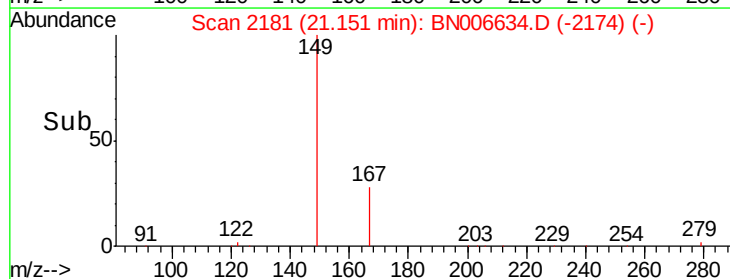
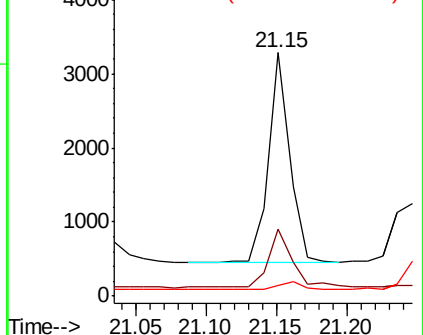
279 4.8 3.3 4.9

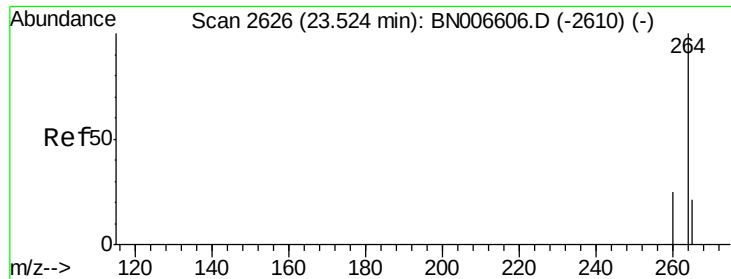


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.48 min Scan# 2612

Delta R.T. -0.05 min

Lab File: BN006634.D

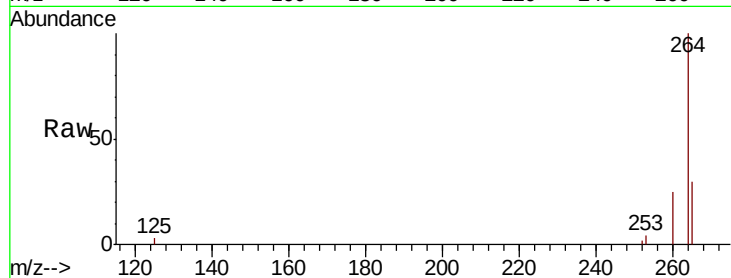
Acq: 29 Jun 2019 03:21

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-190620



Tgt Ion: 264 Resp: 25436

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

265 30.3 23.3 34.9

