

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012420\
 Data File : BN009432.D
 Acq On : 23 Jan 2020 20:16
 Operator : CG/JU
 Sample : L1220-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200121

Quant Time: Jan 24 12:25:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 09:33:55 2020
 Response via : Initial Calibration

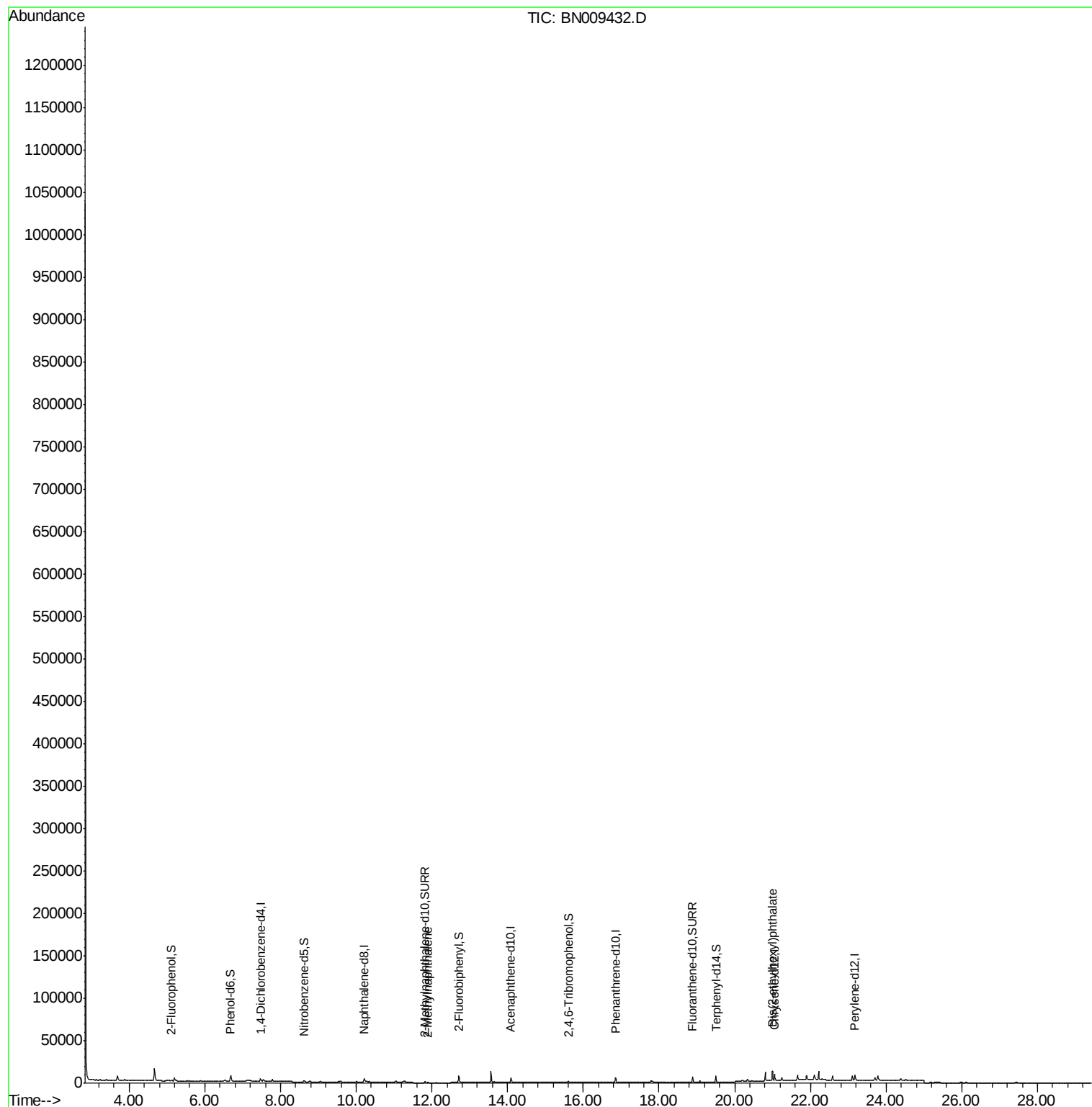
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1534	0.40	ng	0.00
7) Naphthalene-d8	10.21	136	5434	0.40	ng	-0.01
13) Acenaphthene-d10	14.09	164	3456	0.40	ng	-0.02
19) Phenanthrene-d10	16.85	188	7531	0.40	ng	-0.02
27) Chrysene-d12	21.06	240	7432	0.40	ng	-0.01
34) Perylene-d12	23.18	264	8224	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	904	0.26	ng	0.00
5) Phenol-d6	6.66	99	801	0.20	ng	-0.02
8) Nitrobenzene-d5	8.62	82	1602	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	11.81	152	3072	0.29	ng	-0.02
14) 2,4,6-Tribromophenol	15.61	330	624	0.48	ng	-0.02
15) 2-Fluorobiphenyl	12.71	172	6699	0.52	ng	-0.02
25) Fluoranthene-d10	18.89	212	8512	0.33	ng	-0.01
29) Terphenyl-d14	19.51	244	8330	0.47	ng	-0.01
Target Compounds						
12) 2-Methylnaphthalene	11.89	142	343	0.033	ng	Qvalue # 93
32) Bis(2-ethylhexyl)phthalate	20.99	149	11482	1.063	ng	100

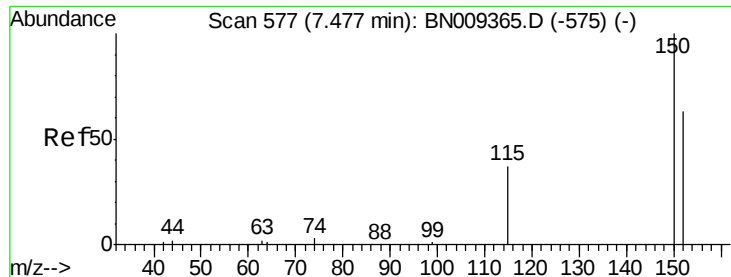
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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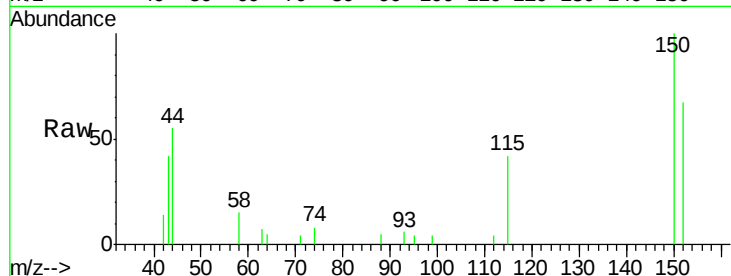


#1

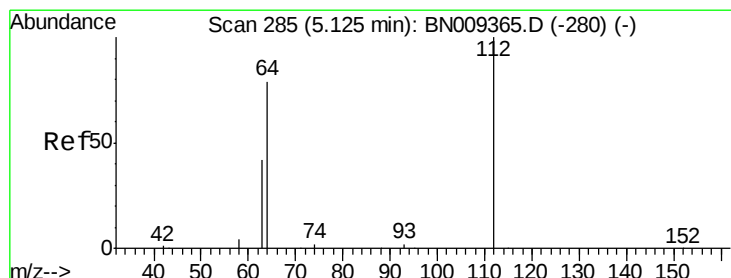
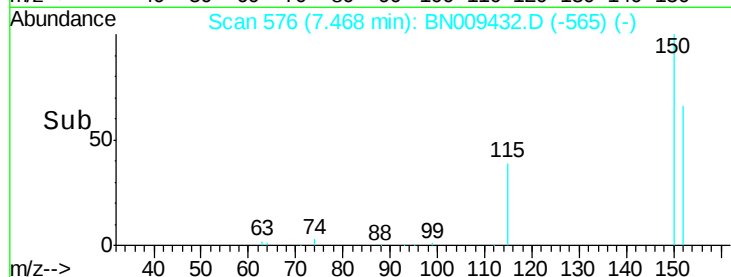
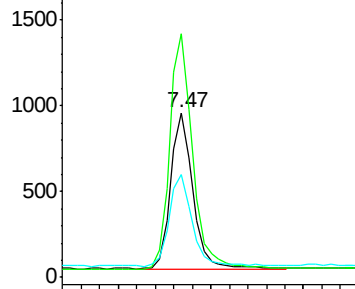
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BN009432.D
Acq: 23 Jan 2020 20:16

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200121

Tot Ion:152 Resp: 1534
Ion Ratio Lower Upper
152 100
150 148.2 125.7 188.5
115 62.5 53.3 79.9



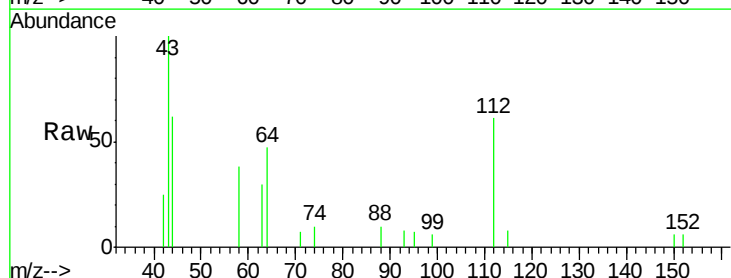
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



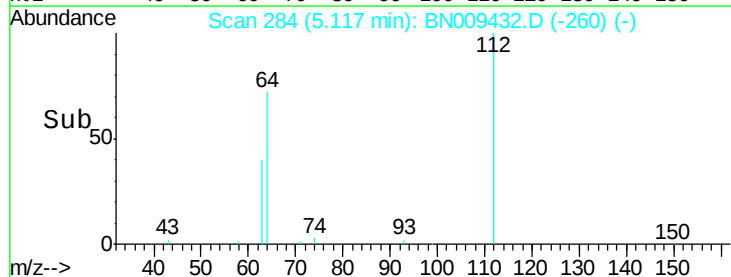
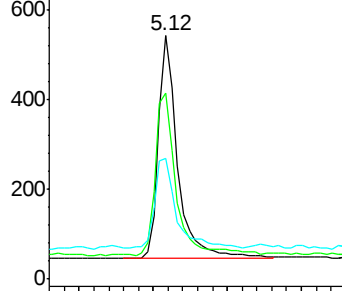
#4

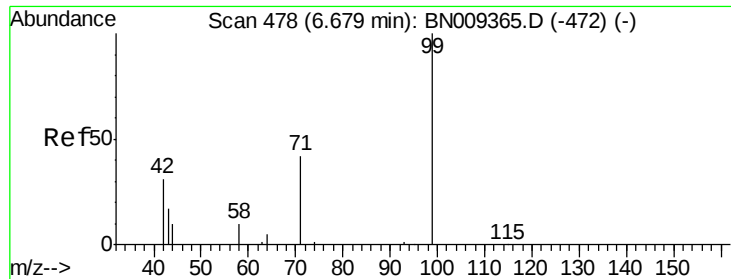
2-Fluorophenol
Concen: 0.256 ng
RT: 5.12 min Scan# 284
Delta R.T. -0.01 min
Lab File: BN009432.D
Acq: 23 Jan 2020 20:16

Tgt Ion:112 Resp: 904
Ion Ratio Lower Upper
112 100
64 78.4 61.5 92.3
63 45.5 35.0 52.4



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: 0.196 ng

RT: 6.66 min Scan# 476

Delta R.T. -0.02 min

Lab File: BN009432.D

Acq: 23 Jan 2020 20:16

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200121

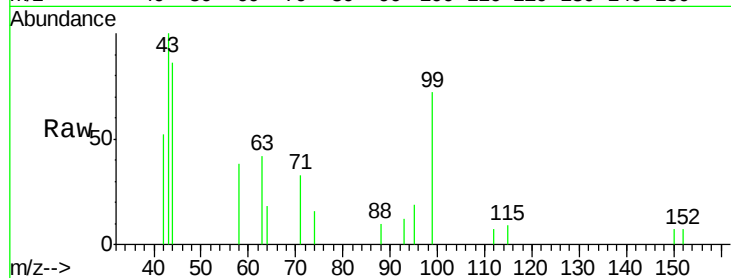
Tot Ion: 99 Resp: 801

Ion Ratio Lower Upper

99 100

42 0.0 27.6 41.4#

71 42.3 33.0 49.6



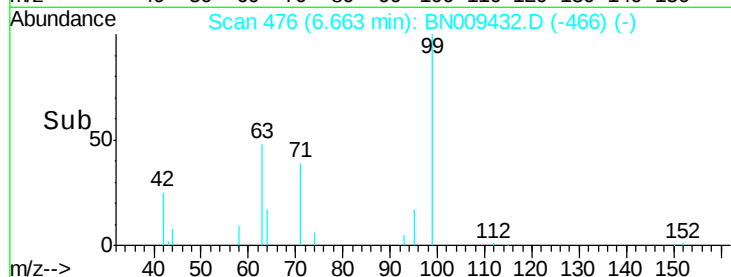
Abundance Ion 99.00 (98.70 to 99.70): BN009432.D (-476) (-)

Ion 42.00 (41.70 to 42.70): BN009432.D (-476) (-)

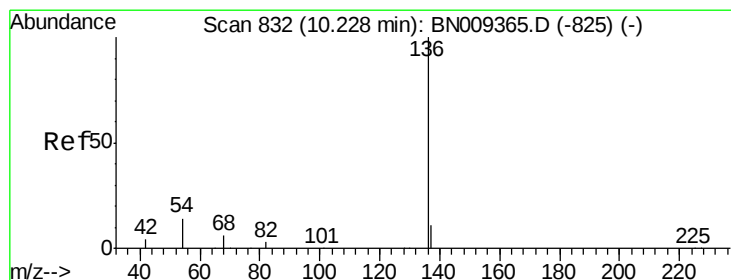
Ion 71.00 (70.70 to 71.70): BN009432.D (-476) (-)

6.66

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.21 min Scan# 831

Delta R.T. -0.01 min

Lab File: BN009432.D

Acq: 23 Jan 2020 20:16

Tgt Ion: 136 Resp: 5434

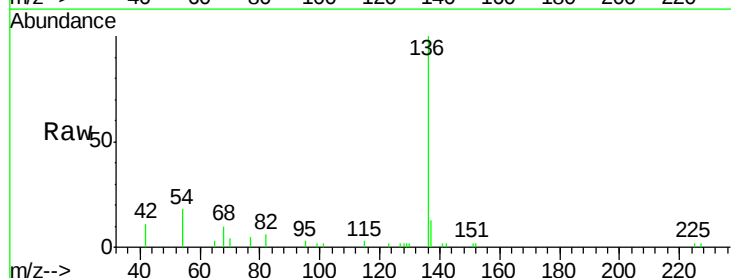
Ion Ratio Lower Upper

136 100

137 12.8 10.3 15.5

54 17.7 12.6 19.0

68 9.6 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): BN009432.D (-816) (-)

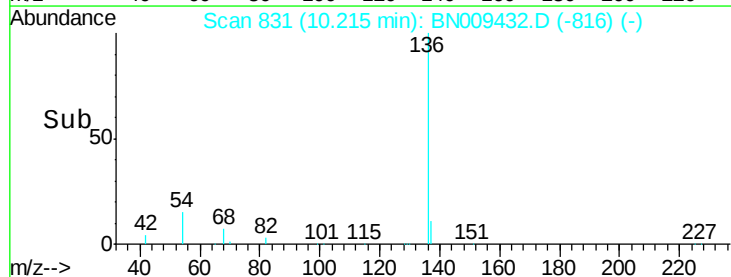
Ion 137.00 (136.70 to 137.70): BN009432.D (-816) (-)

Ion 54.00 (53.70 to 54.70): BN009432.D (-816) (-)

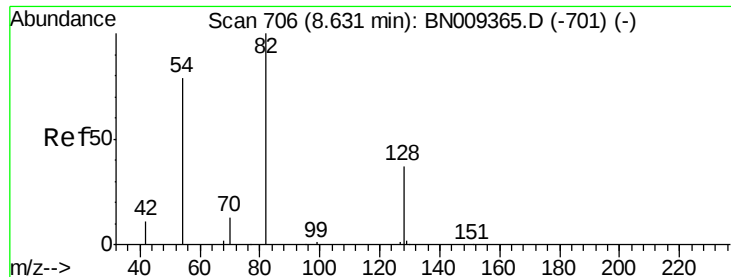
Ion 68.00 (67.70 to 68.70): BN009432.D (-816) (-)

10.21

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.370 ng

RT: 8.62 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN009432.D

Acq: 23 Jan 2020 20:16

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200121

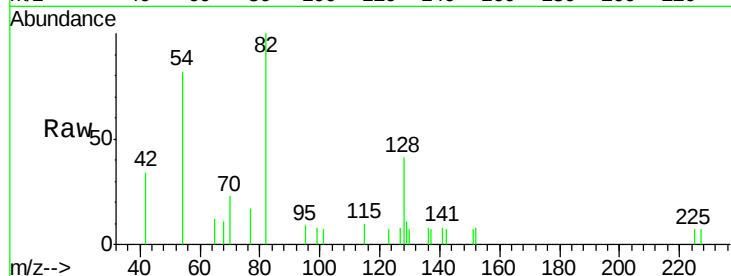
Tot Ion: 82 Resp: 1602

Ion Ratio Lower Upper

82 100

128 41.1 34.8 52.2

54 81.5 65.8 98.6



Abundance Ion 82.00 (81.70 to 82.70): BN009432.D (-698) (-)

Ion 128.00 (127.70 to 128.70): BN009432.D (-698) (-)

Ion 54.00 (53.70 to 54.70): BN009432.D (-698) (-)

8.62

600

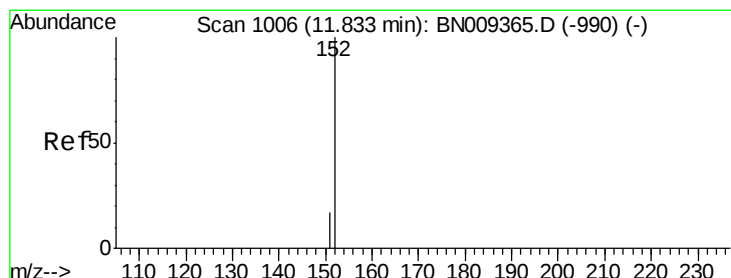
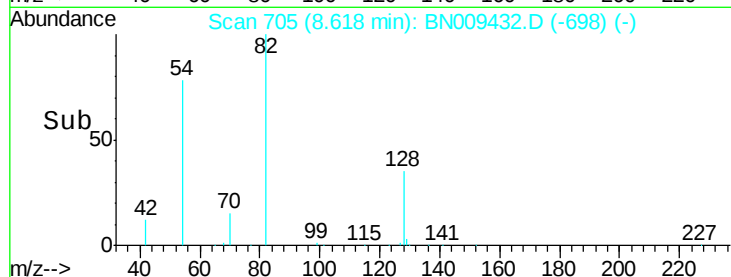
400

200

0

8.50 8.60 8.70 8.80

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.293 ng

RT: 11.81 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BN009432.D

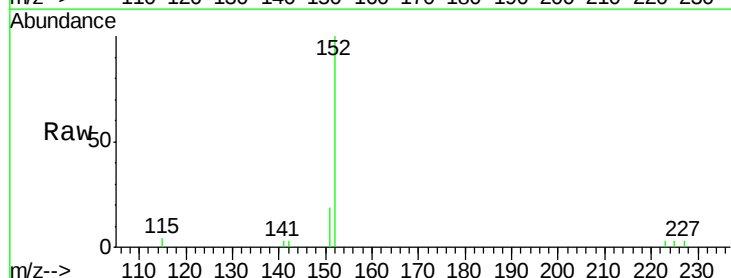
Acq: 23 Jan 2020 20:16

Tgt Ion: 152 Resp: 3072

Ion Ratio Lower Upper

152 100

151 19.2 14.8 22.2



Abundance Ion 152.00 (151.70 to 152.70): BN009432.D (-961) (-)

Ion 151.00 (150.70 to 151.70): BN009432.D (-961) (-)

11.81

2000

1500

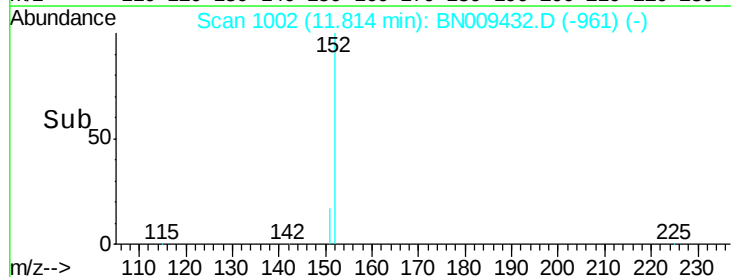
1000

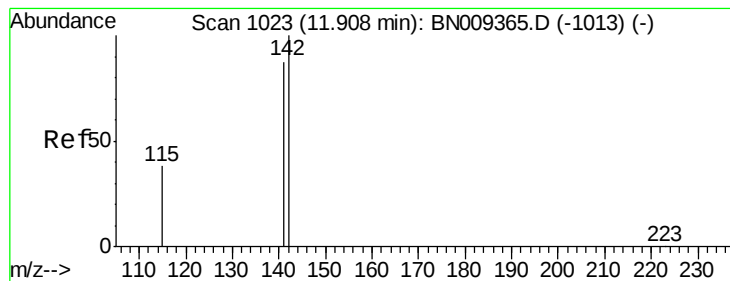
500

0

11.70 11.80 11.90

Time-->





#12

2-Methylnaphthalene

Concen: 0.033 ng

RT: 11.89 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BN009432.D

Acq: 23 Jan 2020 20:16

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200121

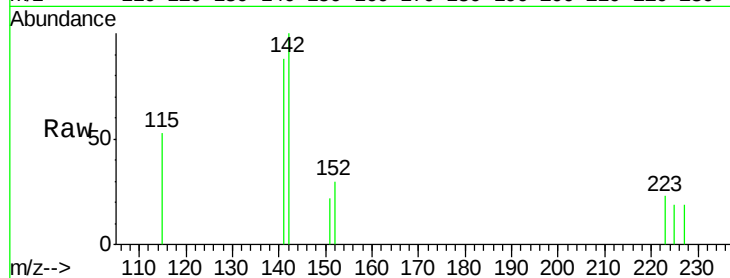
Tot Ion:142 Resp: 343

Ion Ratio Lower Upper

142 100

141 87.7 69.8 104.6

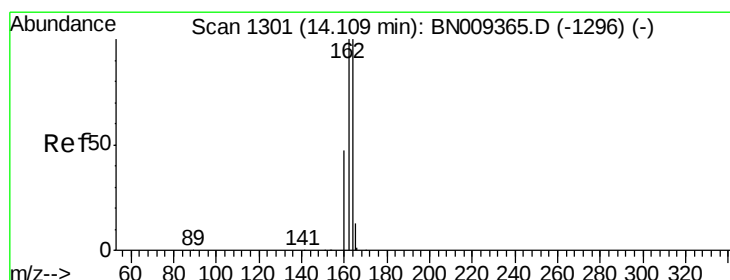
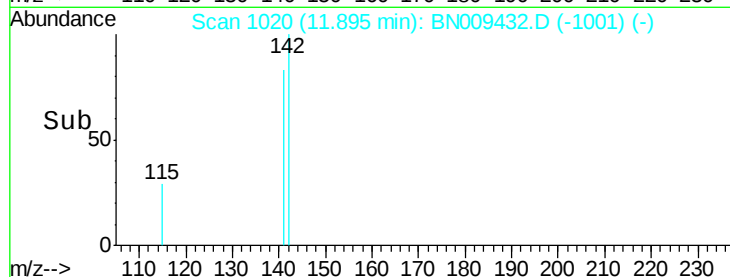
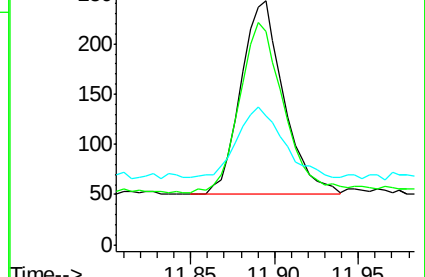
115 52.7 32.5 48.7#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.09 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BN009432.D

Acq: 23 Jan 2020 20:16

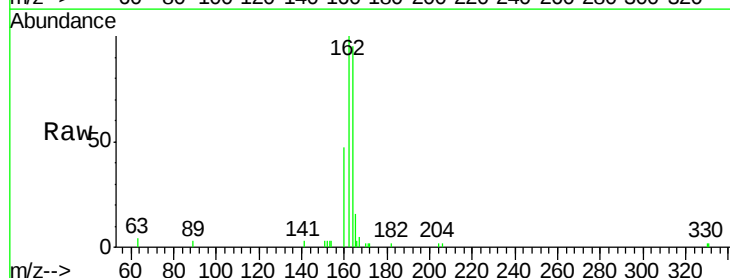
Tgt Ion:164 Resp: 3456

Ion Ratio Lower Upper

164 100

162 105.6 79.8 119.6

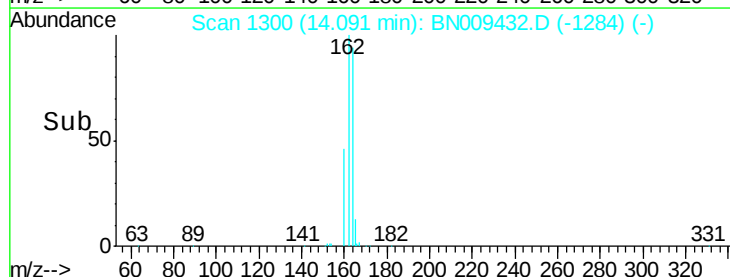
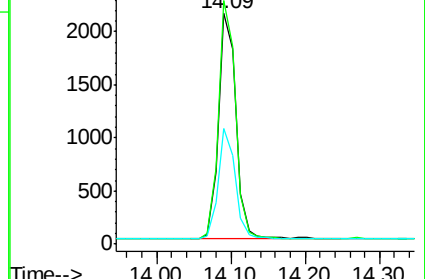
160 50.0 38.4 57.6

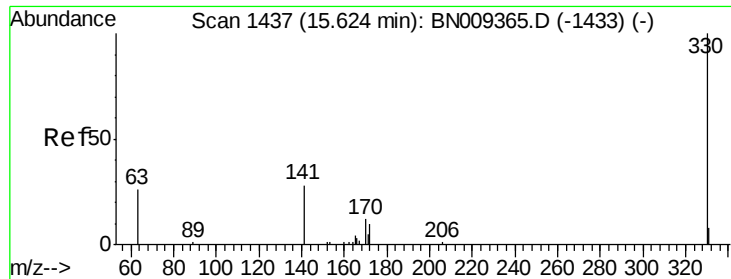


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

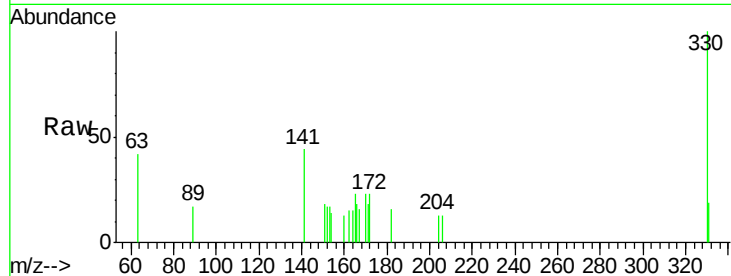




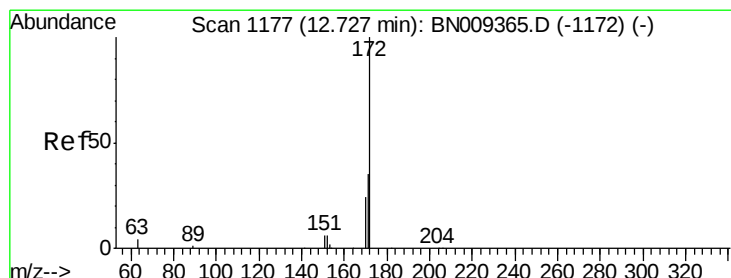
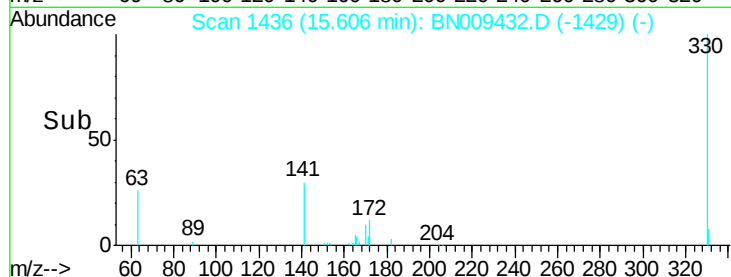
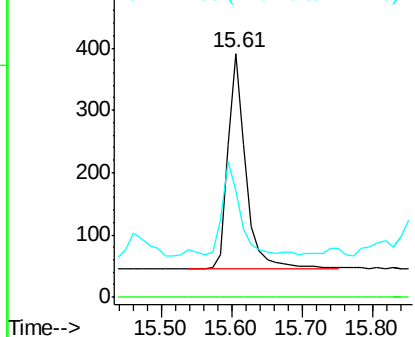
#14
 2,4,6-Tribromophenol
 Concen: 0.477 ng
 RT: 15.61 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BN009432.D
 Acq: 23 Jan 2020 20:16

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Tot Ion:330 Resp: 624
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 43.1 33.1 49.7

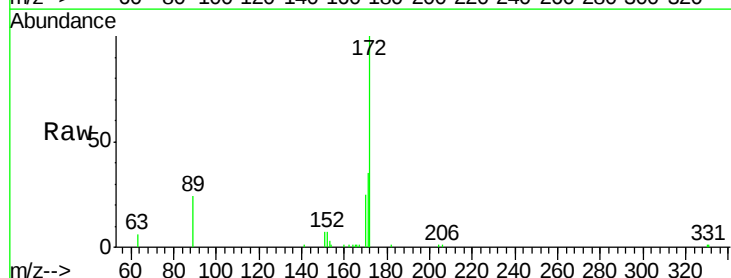


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

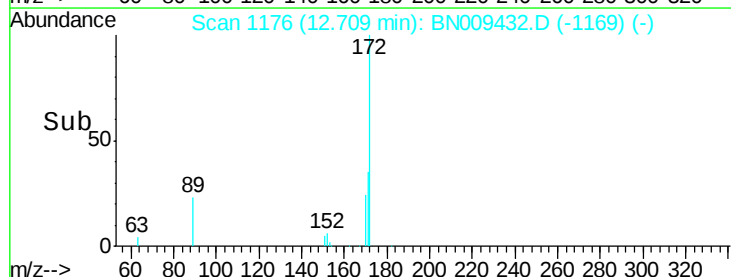
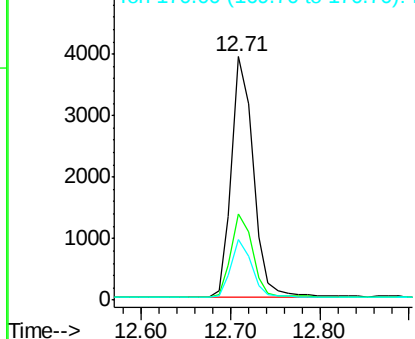


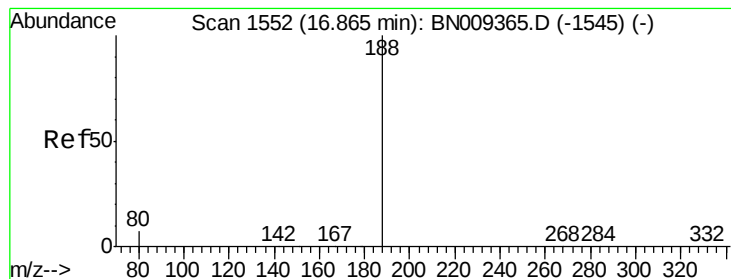
#15
 2-Fluorobiphenyl
 Concen: 0.518 ng
 RT: 12.71 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BN009432.D
 Acq: 23 Jan 2020 20:16

Tgt Ion:172 Resp: 6699
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.5 44.3
 170 25.0 20.7 31.1



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: 16.85 min Scan# 1551

Delta R.T. -0.02 min

Lab File: BN009432.D

Acq: 23 Jan 2020 20:16

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200121

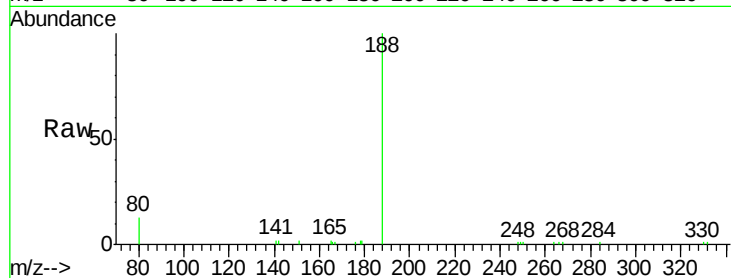
Tot Ion:188 Resp: 7531

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

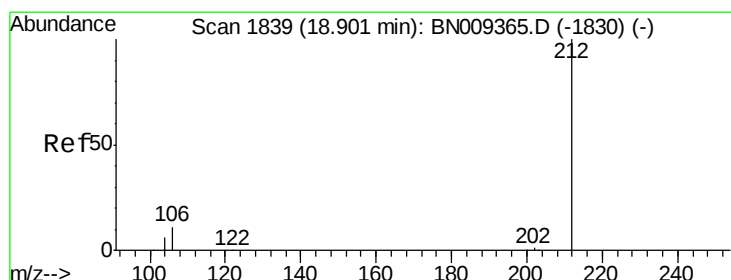
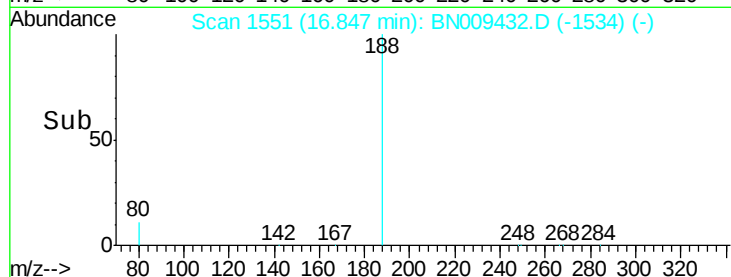
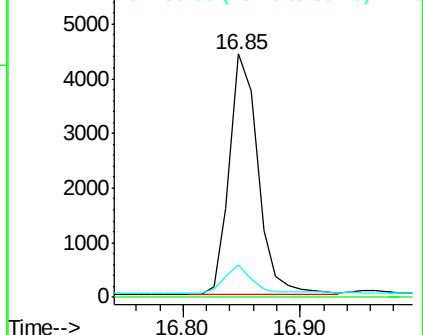
80 13.1 6.6 10.0#



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



#25

Fluoranthene-d10

Concen: 0.330 ng

RT: 18.89 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BN009432.D

Acq: 23 Jan 2020 20:16

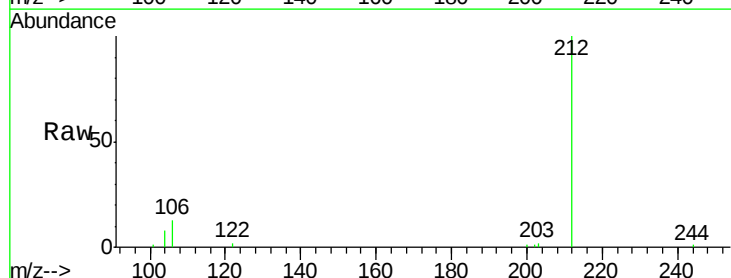
Tgt Ion:212 Resp: 8512

Ion Ratio Lower Upper

212 100

106 12.3 9.2 13.8

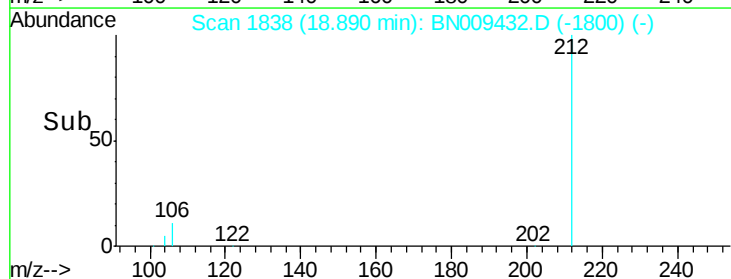
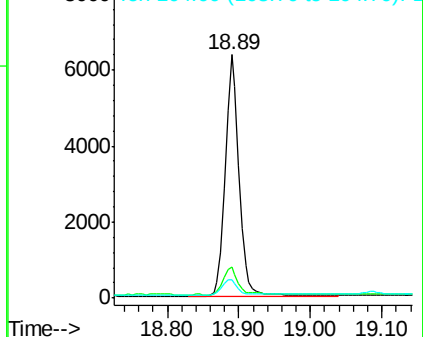
104 6.8 5.4 8.0

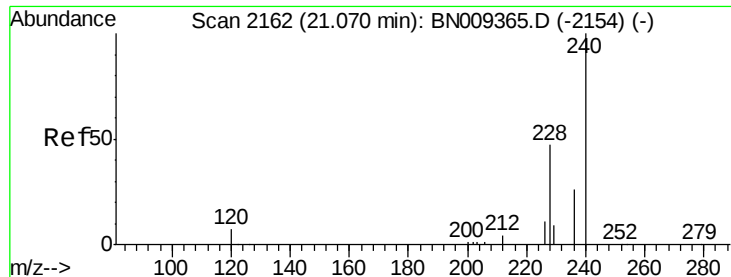


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN009432.D

Acq: 23 Jan 2020 20:16

Instrument :

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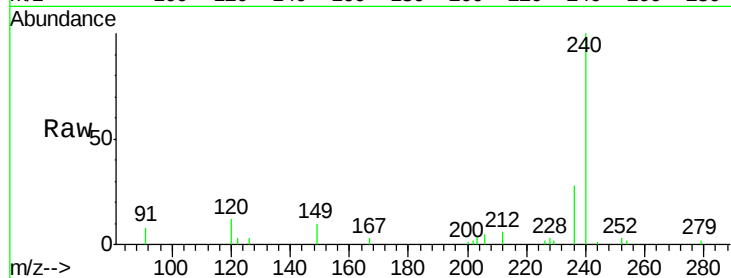
Tot Ion:240 Resp: 7432

Ion Ratio Lower Upper

240 100

120 12.5 8.1 12.1#

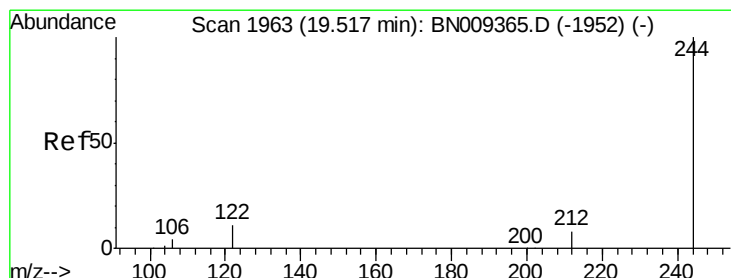
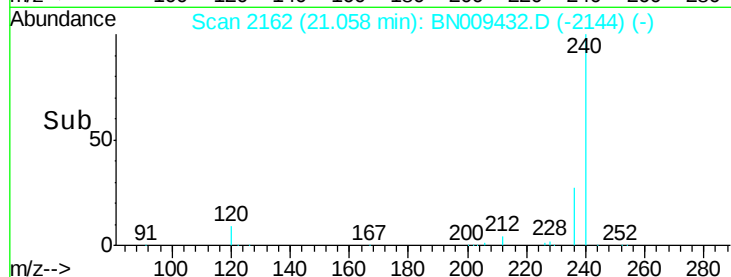
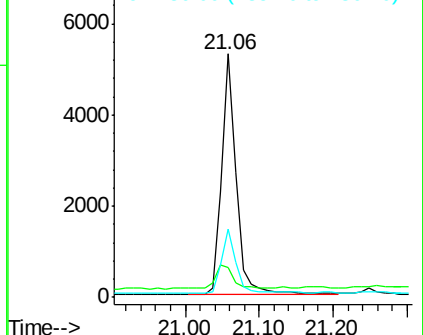
236 28.0 22.2 33.4



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: 0.473 ng

RT: 19.51 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BN009432.D

Acq: 23 Jan 2020 20:16

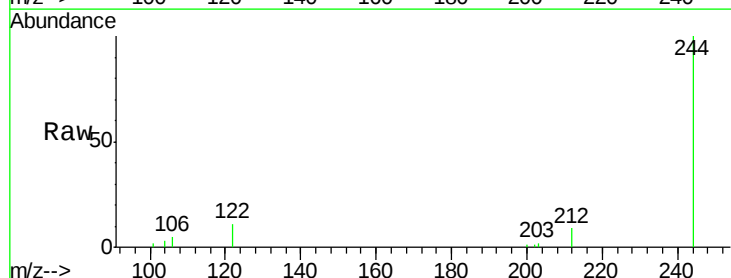
Tgt Ion:244 Resp: 8330

Ion Ratio Lower Upper

244 100

212 8.9 7.5 11.3

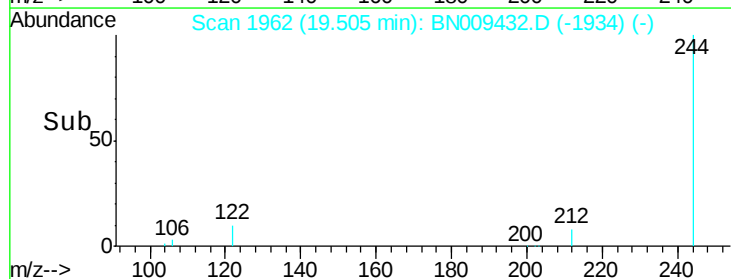
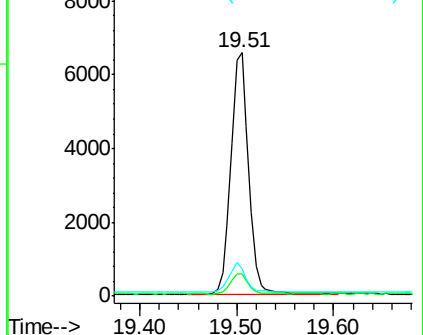
122 11.2 9.8 14.6

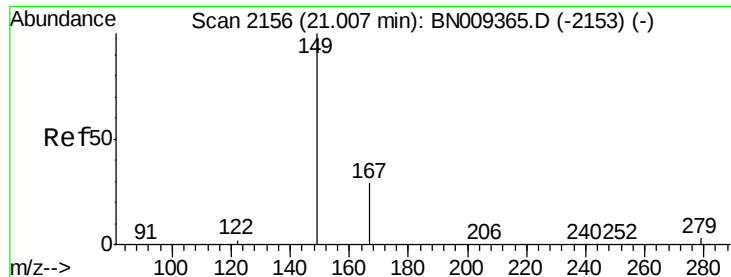


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.063 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN009432.D

Acq: 23 Jan 2020 20:16

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200121

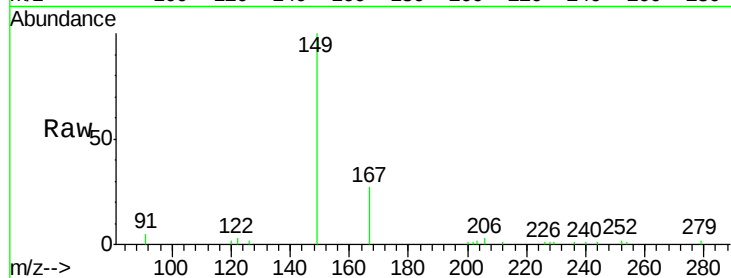
Tot Ion:149 Resp: 11482

Ion Ratio Lower Upper

149 100

167 28.4 22.9 34.3

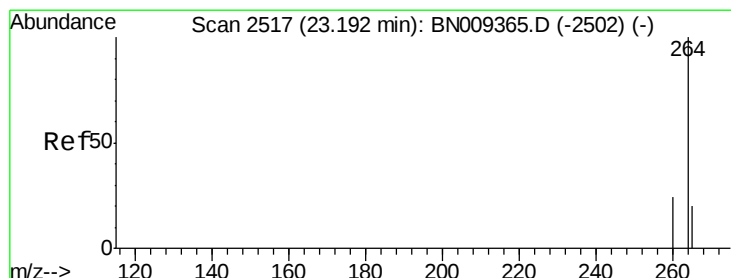
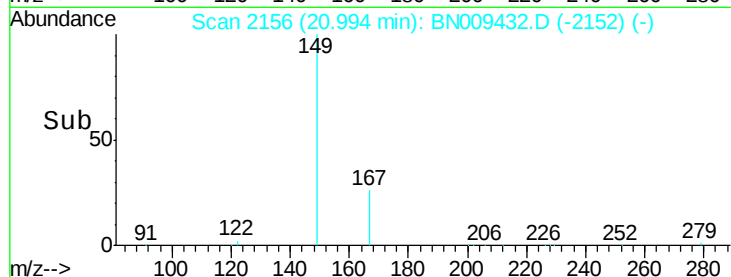
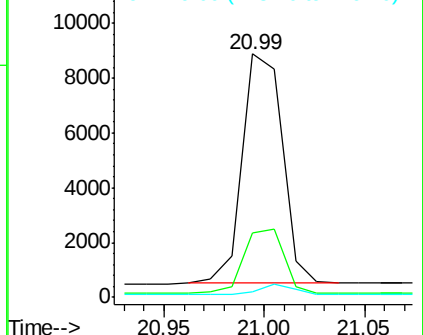
279 4.2 3.4 5.0



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: 23.18 min Scan# 2514

Delta R.T. -0.02 min

Lab File: BN009432.D

Acq: 23 Jan 2020 20:16

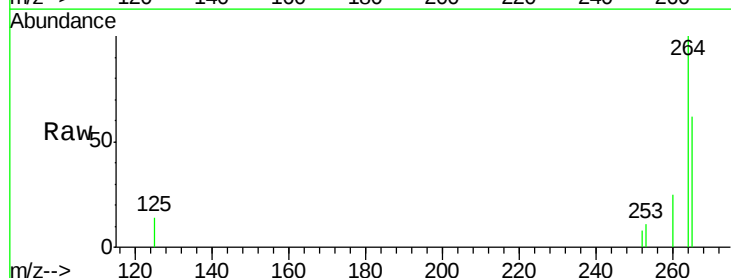
Tgt Ion:264 Resp: 8224

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

265 62.1 68.2 102.4#



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

