

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010994.D
 Acq On : 20 Jun 2020 07:59
 Operator : CG/JU
 Sample : L3042-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200616

Quant Time: Jun 22 01:15:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 12:43:49 2020
 Response via : Initial Calibration

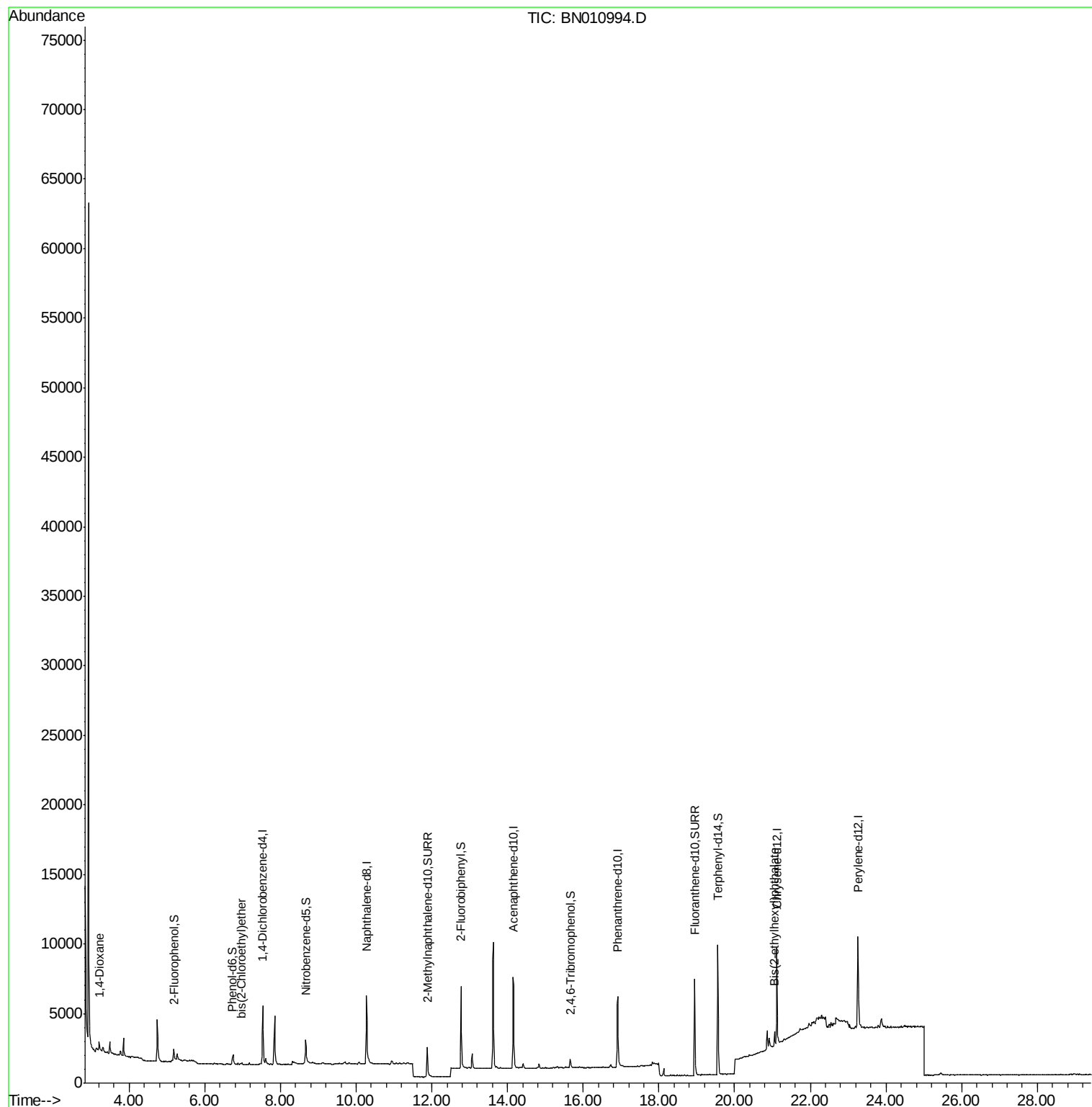
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2346	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	7667	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	4286	0.40	ng	-0.01
19) Phenanthrene-d10	16.91	188	9025	0.40	ng	0.01
27) Chrysene-d12	21.12	240	8496	0.40	ng	0.00
34) Perylene-d12	23.26	264	8858	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	857	0.19	ng	0.00
5) Phenol-d6	6.73	99	515	0.10	ng	0.00
8) Nitrobenzene-d5	8.67	82	2172	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	3640	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	592	0.39	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	6270	0.37	ng	0.00
25) Fluoranthene-d10	18.94	212	9191	0.37	ng	0.00
29) Terphenyl-d14	19.56	244	10446	0.53	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	525	0.228	ng	Qvalue # 80
6) bis(2-Chloroethyl)ether	6.98	93	123	0.024	ng	99
32) Bis(2-ethylhexyl)phthalate	21.06	149	832	0.100	ng	# 98

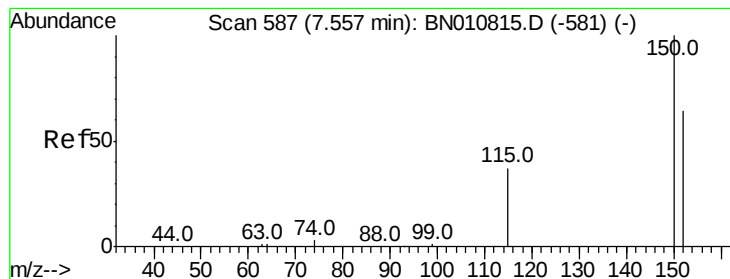
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.53 min Scan# 584

Delta R.T. -0.00 min

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Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200616

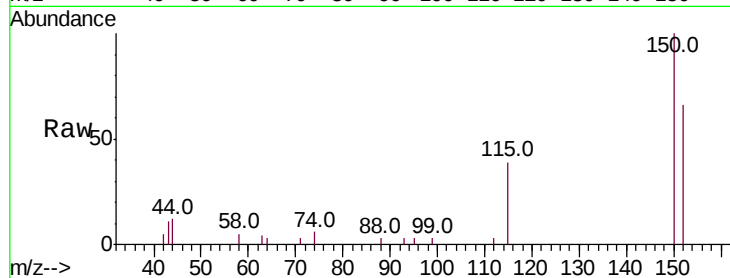
Tot Ion:152 Resp: 2346

Ion Ratio Lower Upper

152 100

150 150.8 123.8 185.6

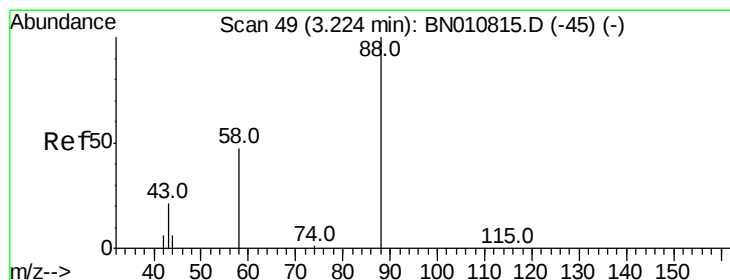
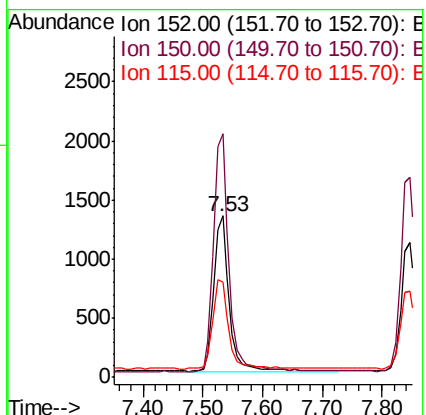
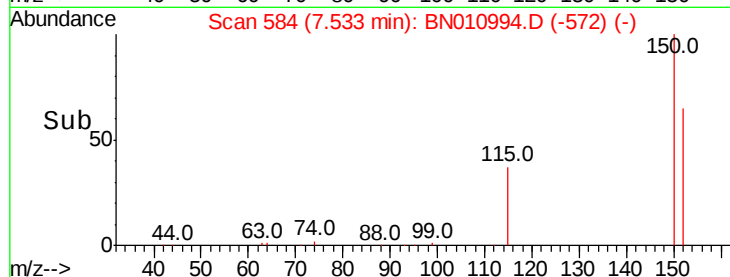
115 59.2 49.2 73.8



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: 0.228 ng

RT: 3.21 min Scan# 47

Delta R.T. -0.01 min

Lab File: BN010994.D

Acq: 20 Jun 2020 07:59

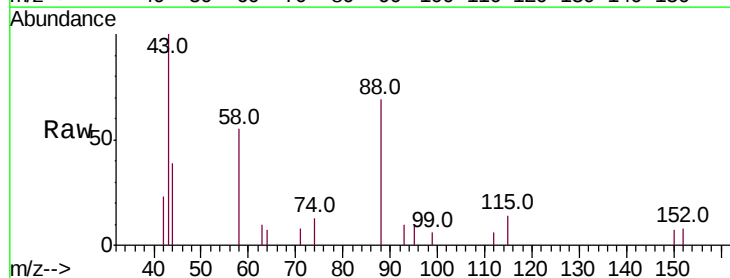
Tgt Ion: 88 Resp: 525

Ion Ratio Lower Upper

88 100

58 51.8 38.2 57.4

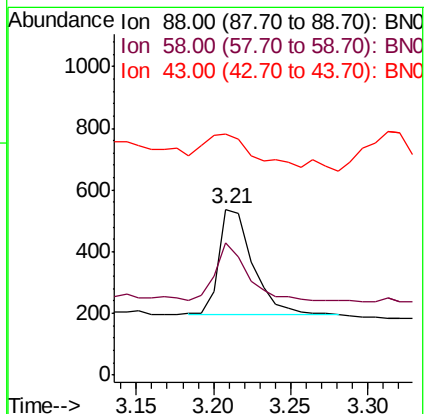
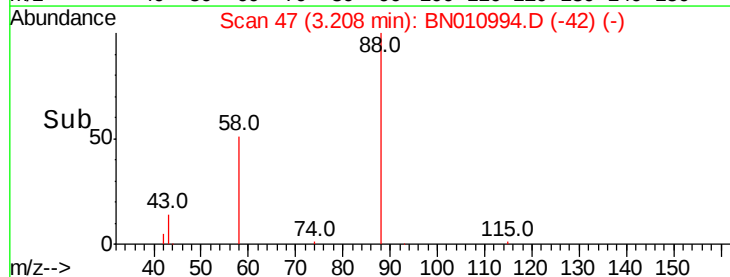
43 43.6 15.1 22.7#

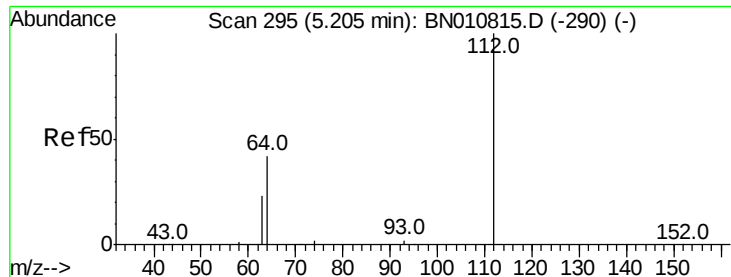


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.189 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN010994.D

Acq: 20 Jun 2020 07:59

Instrument :

BNA_N

ClientSampleId :

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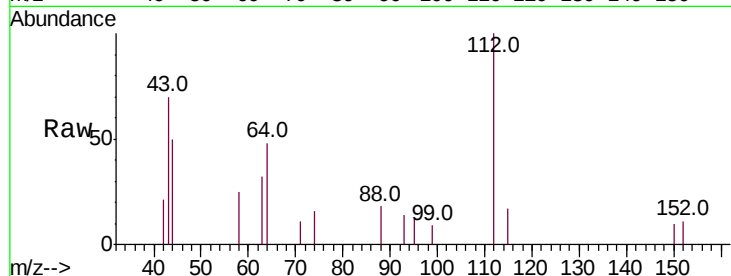
Tot Ion:112 Resp: 857

Ion Ratio Lower Upper

112 100

64 43.6 37.4 56.0

63 24.9 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO

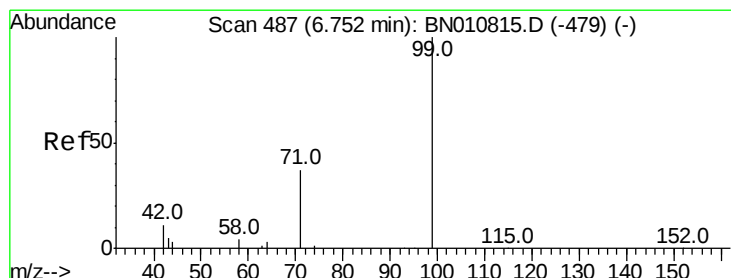
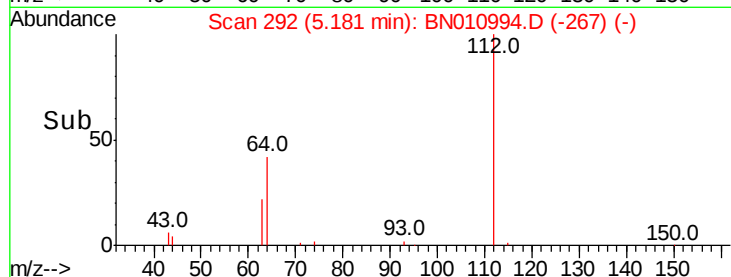
5.18

400

200

0

Time--> 5.00 5.10 5.20 5.30 5.40



#5

Phenol-d6

Concen: 0.097 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010994.D

Acq: 20 Jun 2020 07:59

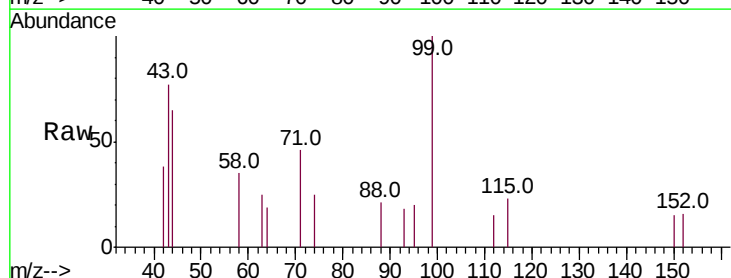
Tgt Ion: 99 Resp: 515

Ion Ratio Lower Upper

99 100

42 22.5 11.1 16.7#

71 46.4 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO

6.73

400

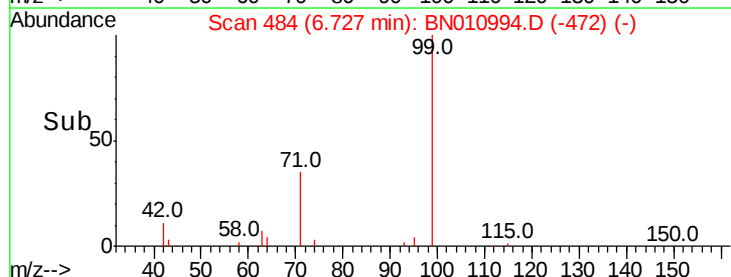
300

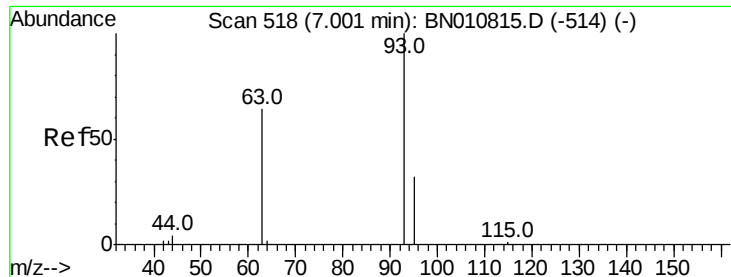
200

100

0

Time--> 6.70 6.80





#6

bis(2-Chloroethyl)ether

Concen: 0.024 ng

RT: 6.98 min Scan# 515

Delta R.T. -0.00 min

Lab File: BN010994.D

Acq: 20 Jun 2020 07:59

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200616

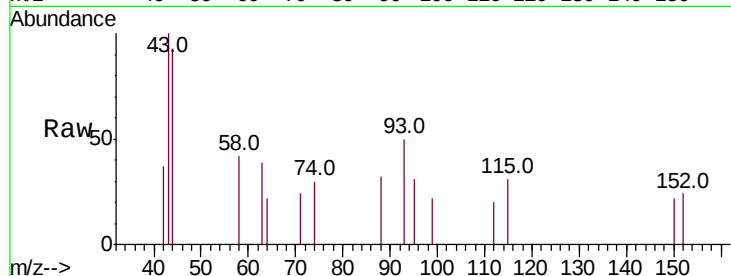
Tot Ion: 93 Resp: 123

Ion Ratio Lower Upper

93 100

63 61.8 49.4 74.2

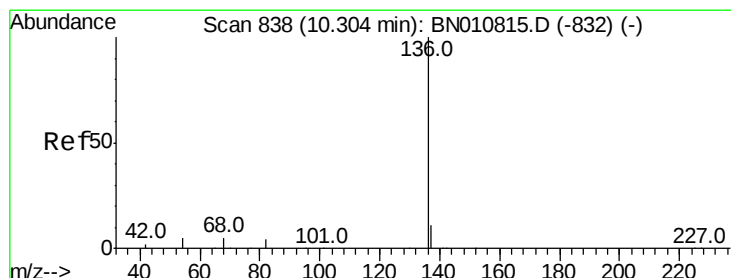
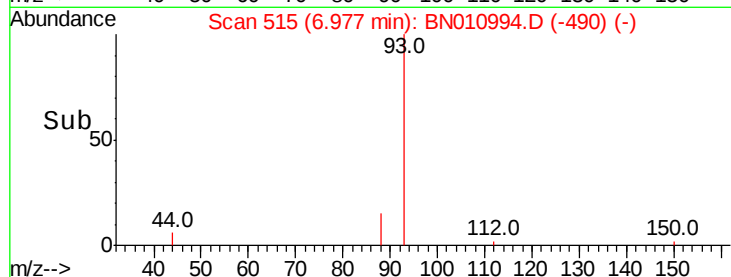
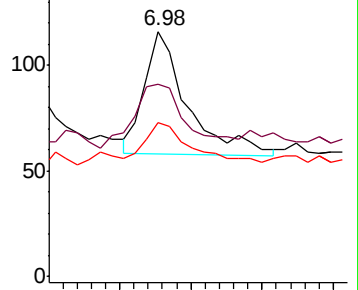
95 35.0 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN010815.D (-514) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010994.D

Acq: 20 Jun 2020 07:59

Tgt Ion: 136 Resp: 7667

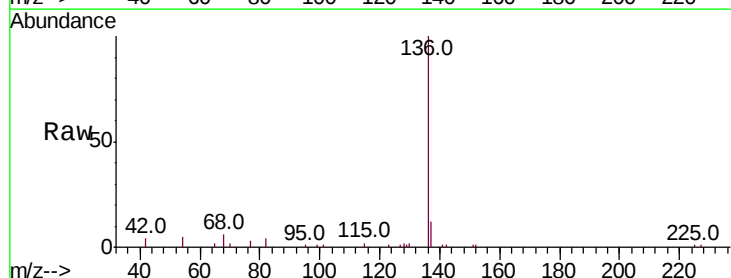
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 5.1 4.9 7.3

68 5.7 4.7 7.1

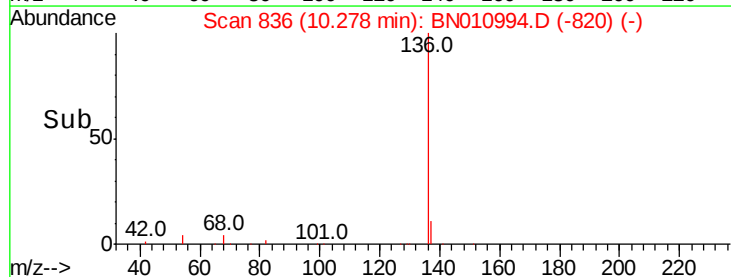
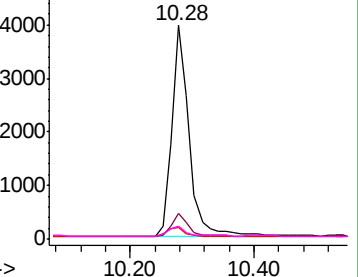


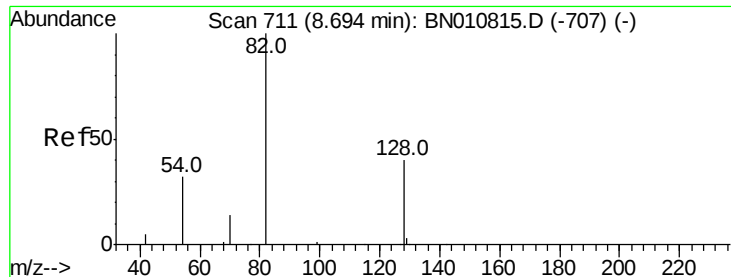
Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN010815.D (-832) (-)





#8

Nitrobenzene-d5

Concen: 0.383 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN010994.D

Acq: 20 Jun 2020 07:59

Instrument :

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OUTFALL001-200616

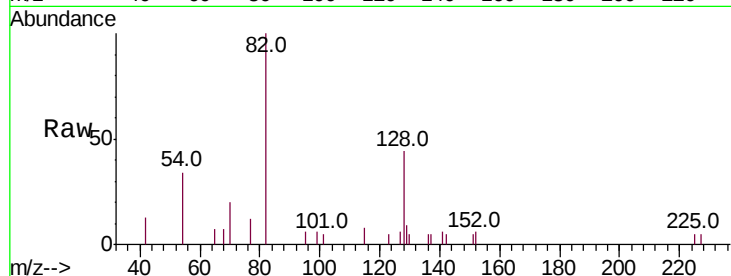
Tot Ion: 82 Resp: 2172

Ion Ratio Lower Upper

82 100

128 43.8 35.4 53.0

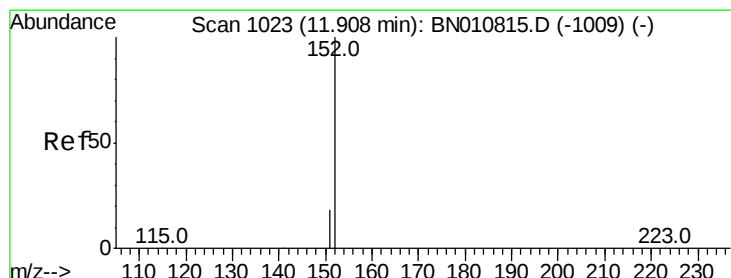
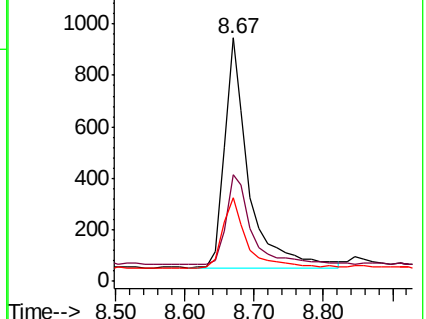
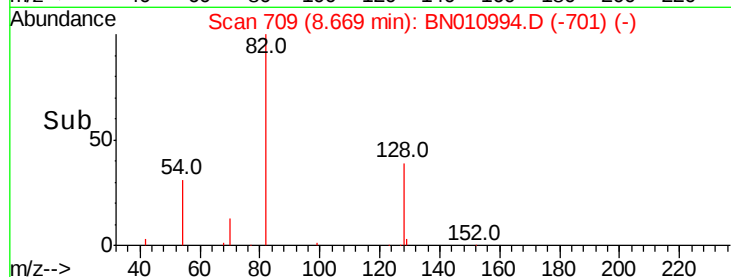
54 34.2 28.2 42.4



Abundance Ion 82.00 (81.70 to 82.70): BN010815.D (-707) (-)

Ion 128.00 (127.70 to 128.70): BN010815.D (-707) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-707) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.306 ng

RT: 11.88 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BN010994.D

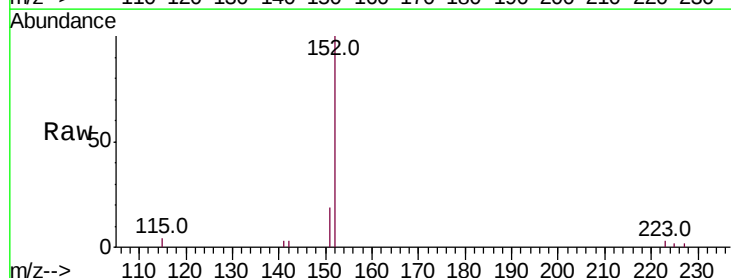
Acq: 20 Jun 2020 07:59

Tgt Ion: 152 Resp: 3640

Ion Ratio Lower Upper

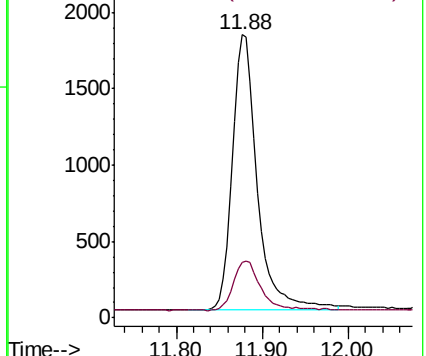
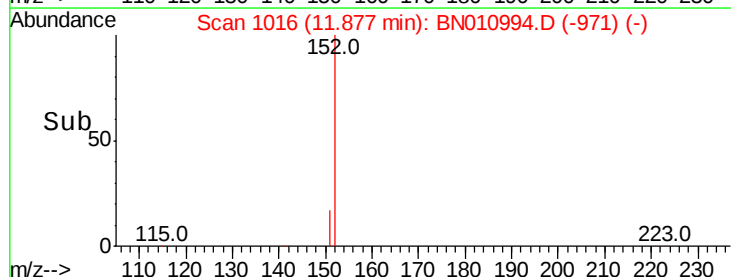
152 100

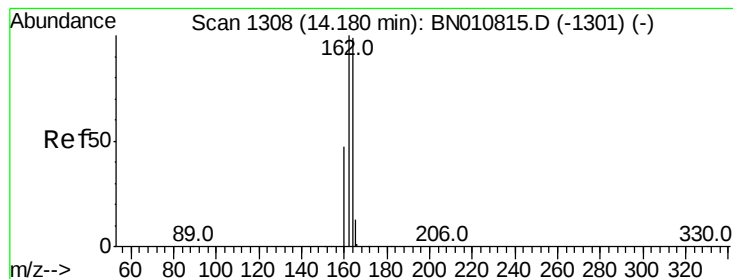
151 20.1 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010815.D (-1009) (-)

Ion 151.00 (150.70 to 151.70): BN010815.D (-1009) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.15 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BN010994.D

Acq: 20 Jun 2020 07:59

Instrument :

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ClientSampleId :

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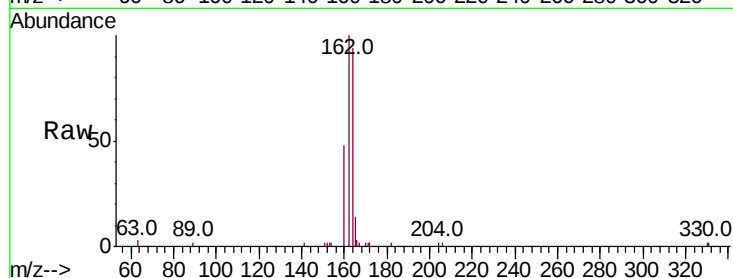
Tot Ion:164 Resp: 4286

Ion Ratio Lower Upper

164 100

162 105.9 81.0 121.6

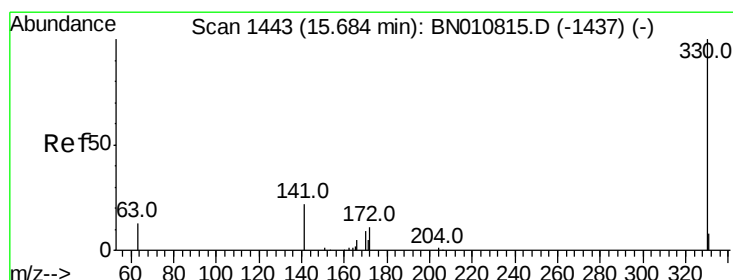
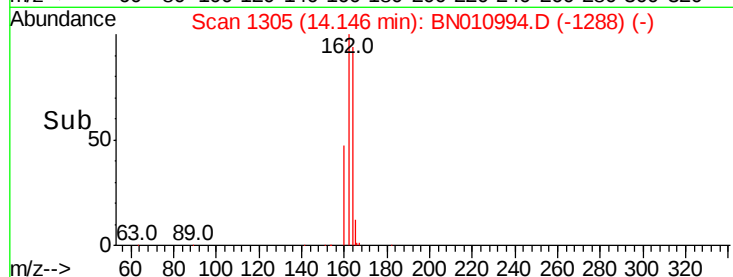
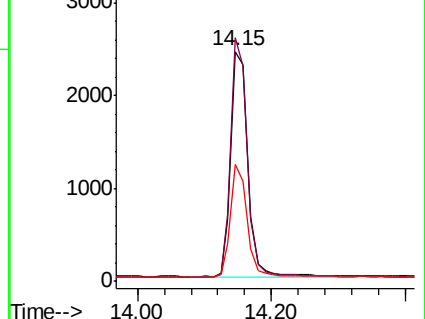
160 50.7 38.9 58.3



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: 0.386 ng

RT: 15.66 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BN010994.D

Acq: 20 Jun 2020 07:59

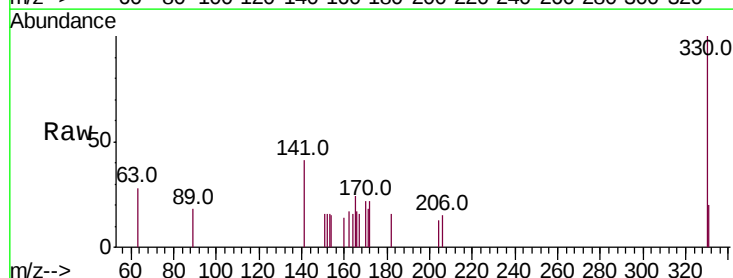
Tgt Ion:330 Resp: 592

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

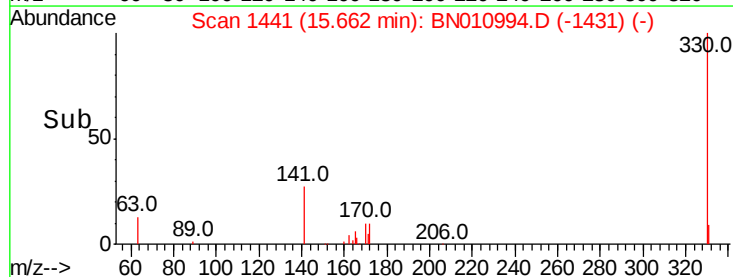
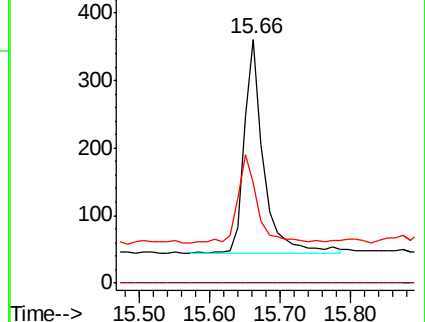
141 43.1 33.2 49.8

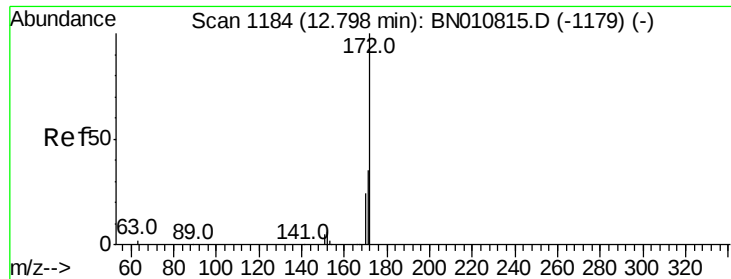


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

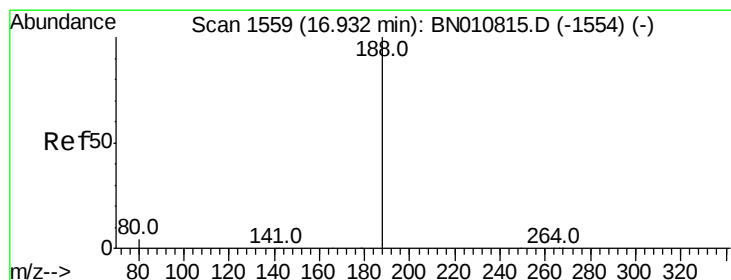
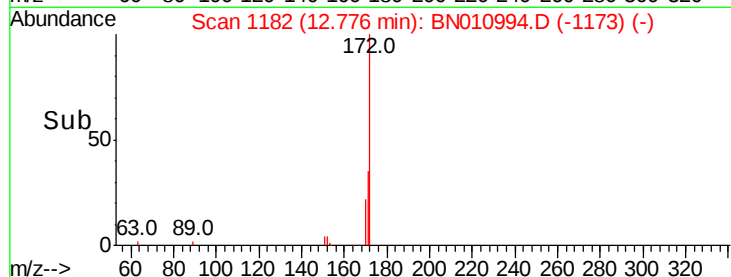
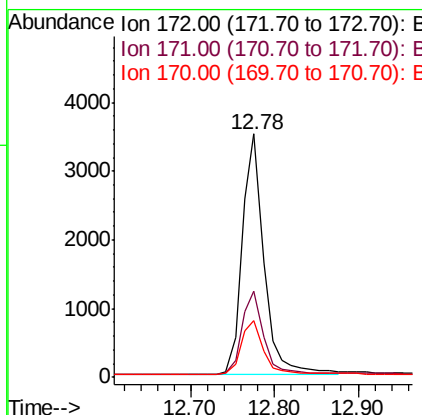
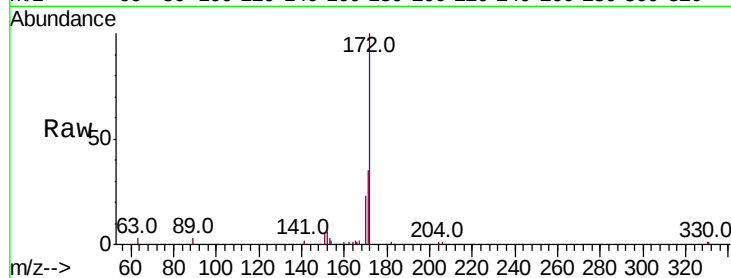




#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010994.D
Acq: 20 Jun 2020 07:59

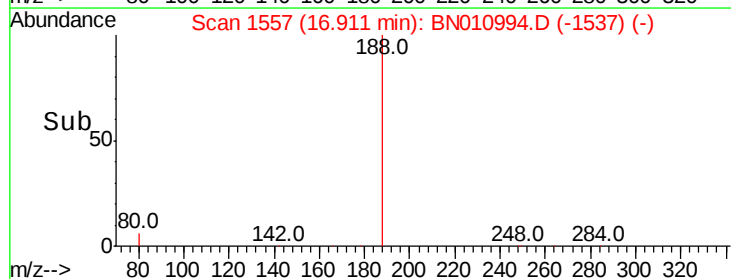
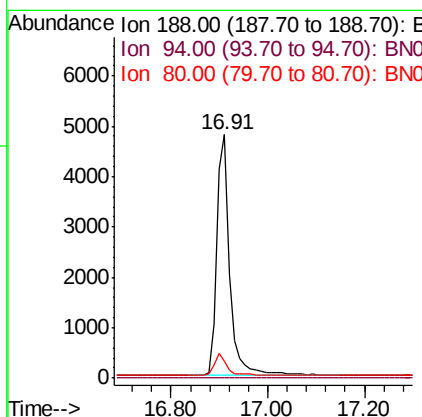
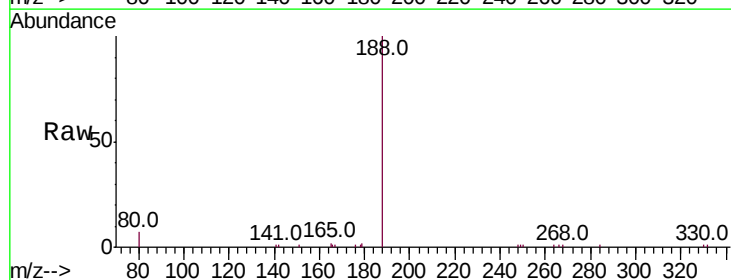
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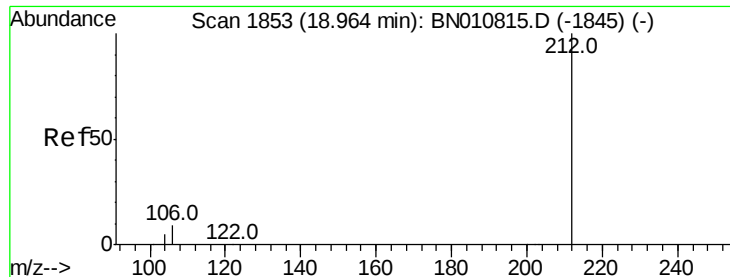
Tot Ion:172 Resp: 6270
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.2 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BN010994.D
Acq: 20 Jun 2020 07:59

Tgt Ion:188 Resp: 9025
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 4.5 6.7#

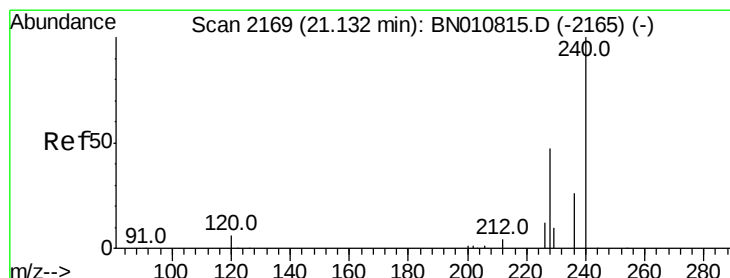
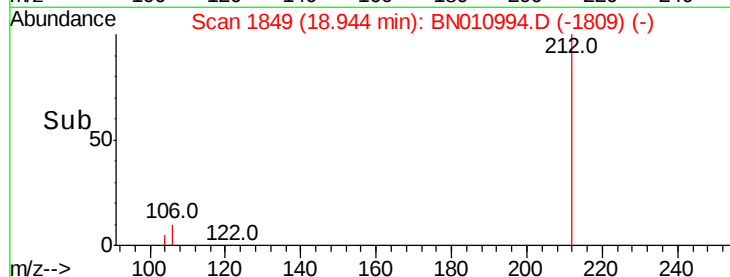
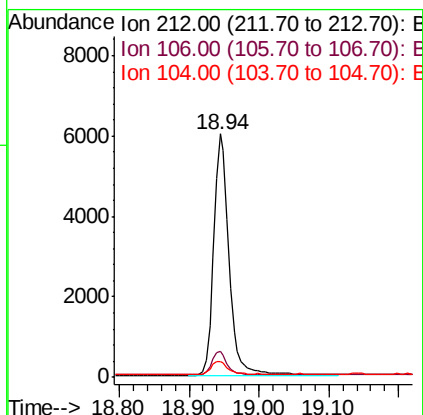
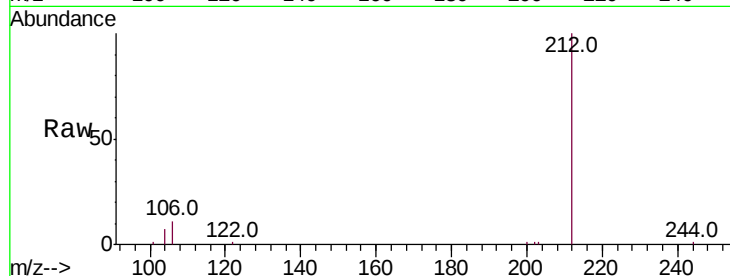




#25
 Fluoranthene-d10
 Concen: 0.369 ng
 RT: 18.94 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BN010994.D
 Acq: 20 Jun 2020 07:59

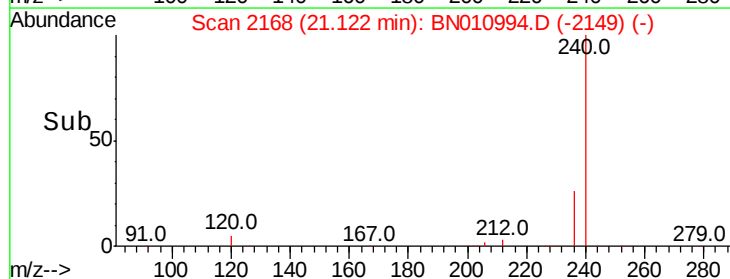
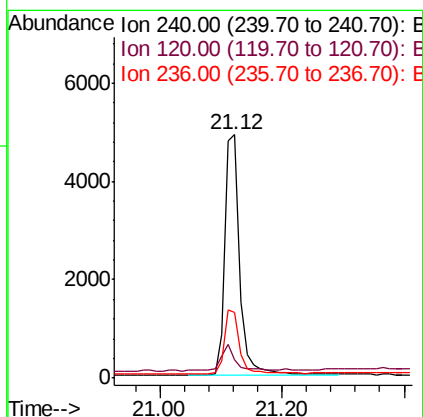
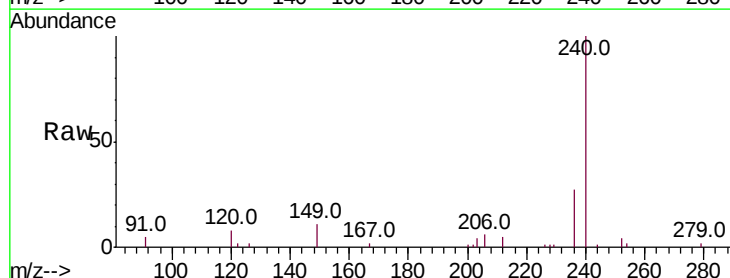
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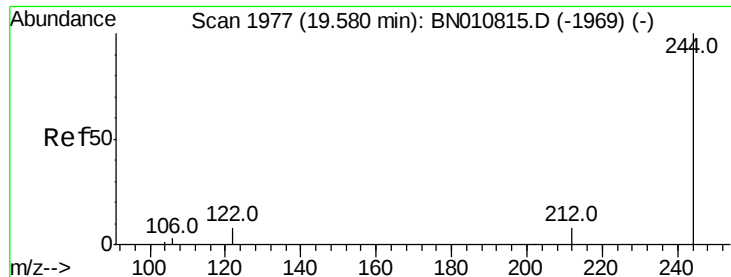
Tot Ion:212 Resp: 9191
 Ion Ratio Lower Upper
 212 100
 106 9.7 6.6 10.0
 104 5.6 4.0 6.0



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.12 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: BN010994.D
 Acq: 20 Jun 2020 07:59

Tgt Ion:240 Resp: 8496
 Ion Ratio Lower Upper
 240 100
 120 7.6 7.5 11.3
 236 27.0 22.3 33.5





#29

Terphenyl-d14

Concen: 0.525 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN010994.D

Acq: 20 Jun 2020 07:59

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200616

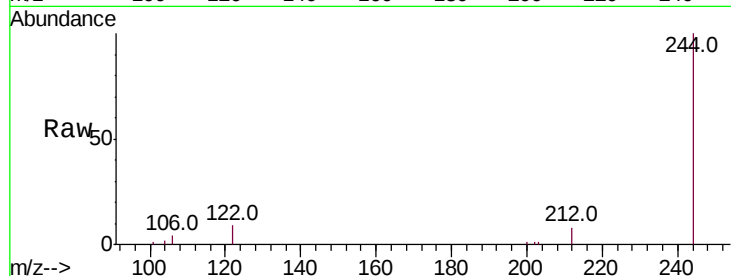
Tot Ion:244 Resp: 10446

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.2

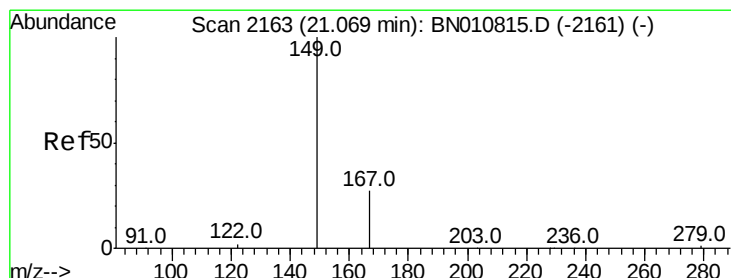
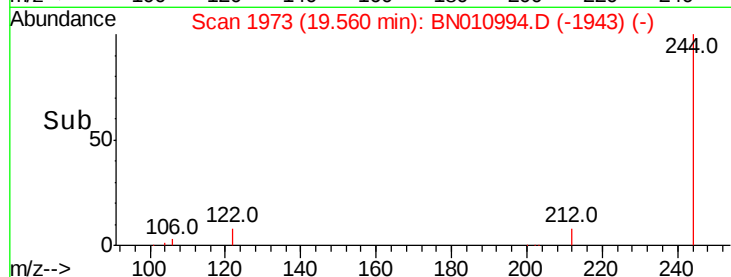
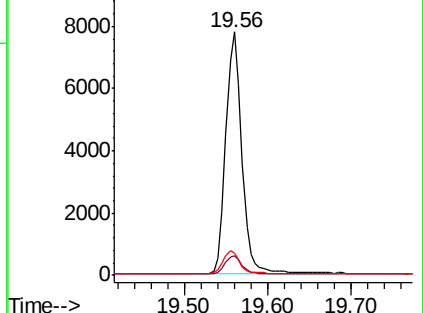
122 9.1 7.5 11.3



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: 0.100 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN010994.D

Acq: 20 Jun 2020 07:59

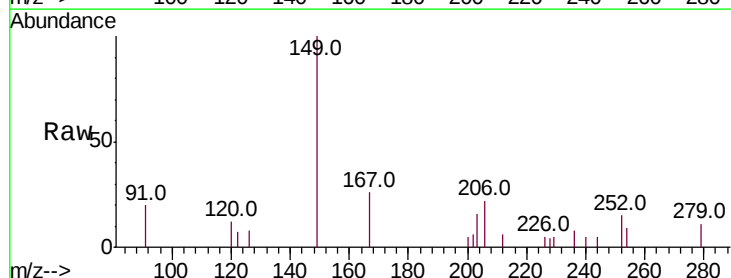
Tgt Ion:149 Resp: 832

Ion Ratio Lower Upper

149 100

167 30.4 24.1 36.1

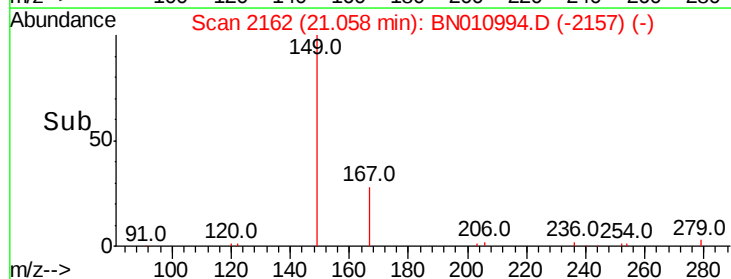
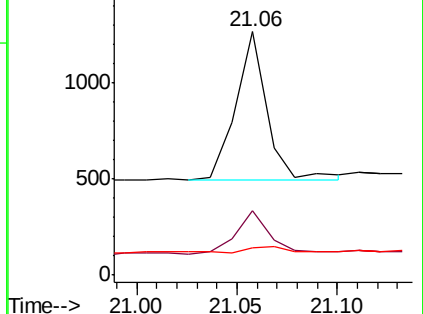
279 3.1 4.6 7.0#

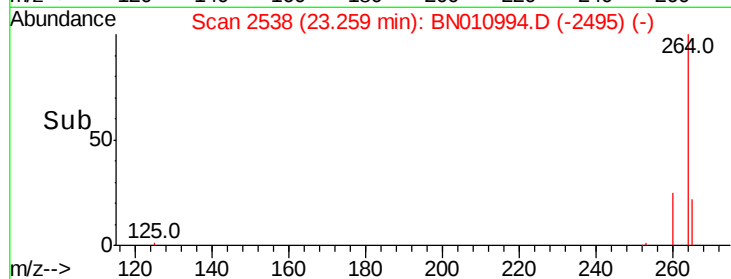
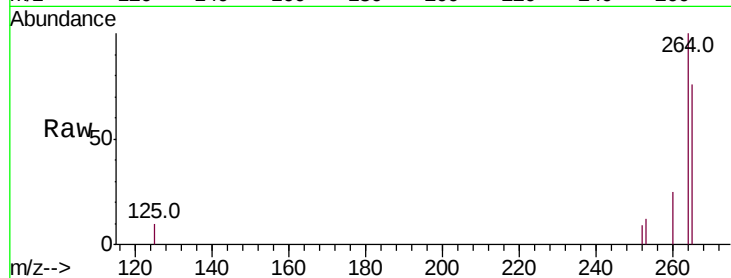
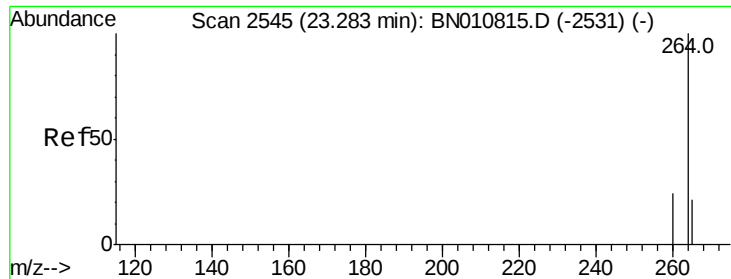


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.26 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BN010994.D

Acq: 20 Jun 2020 07:59

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200616

Tot Ion:264 Resp: 8858

Ion Ratio Lower Upper

264 100

260 25.4 20.4 30.6

265 75.9 75.0 112.4

