

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012120\
 Data File : BN009408.D
 Acq On : 21 Jan 2020 11:05
 Operator : JU
 Sample : PB125982BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 21 14:29:57 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

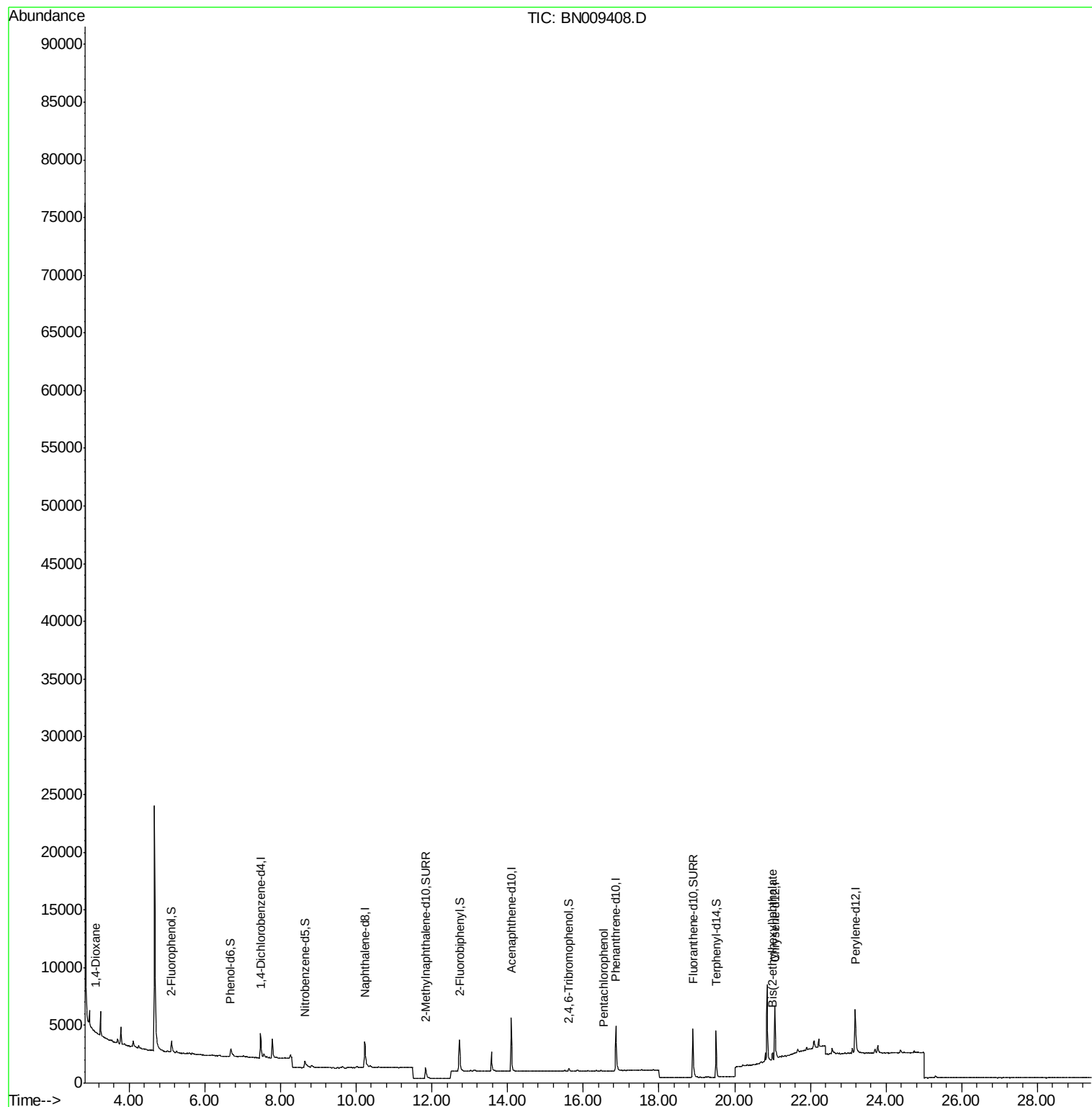
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1333	0.40	ng	0.00
7) Naphthalene-d8	10.23	136	4366	0.40	ng	0.00
13) Acenaphthene-d10	14.10	164	2891	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	6577	0.40	ng	0.00
27) Chrysene-d12	21.07	240	6043	0.40	ng	0.00
34) Perylene-d12	23.18	264	6227	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	913	0.30	ng	0.00
5) Phenol-d6	6.69	99	1062	0.30	ng	0.00
8) Nitrobenzene-d5	8.64	82	962	0.28	ng	0.01
11) 2-Methylnaphthalene-d10	11.83	152	2267	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.62	330	250	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	3421	0.32	ng	0.00
25) Fluoranthene-d10	18.90	212	6285	0.28	ng	0.00
29) Terphenyl-d14	19.51	244	4632	0.32	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.14	88	41	0.029	ng	# 1
22) Pentachlorophenol	16.53	266	2	0.146	ng	# 75
32) Bis(2-ethylhexyl)phthalate	21.00	149	696	0.079	ng	99

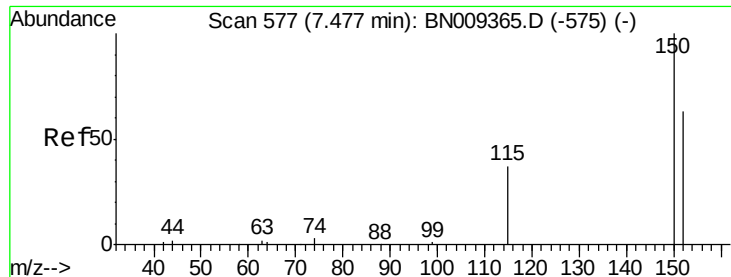
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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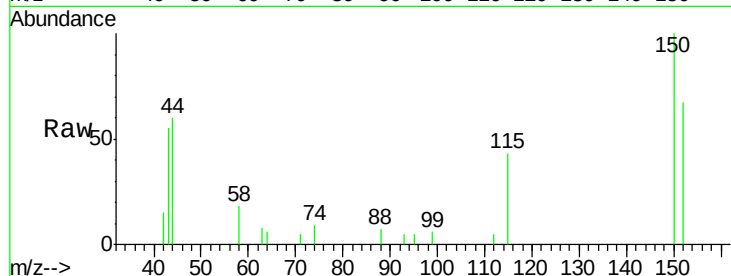


#1

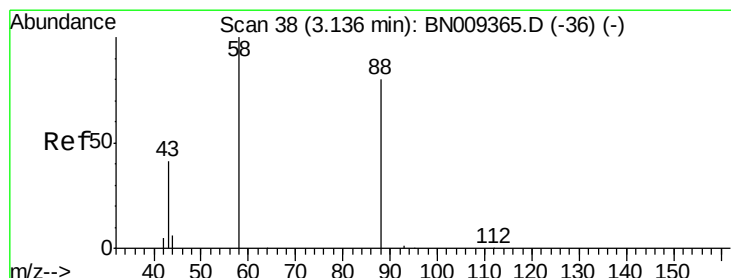
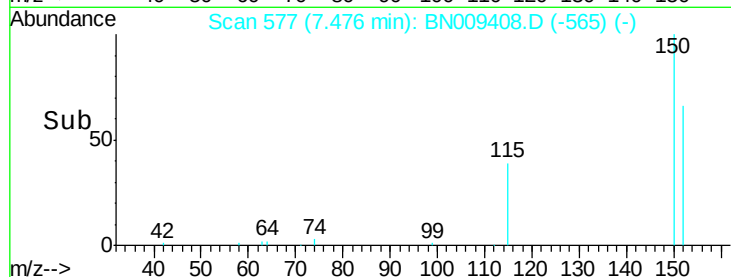
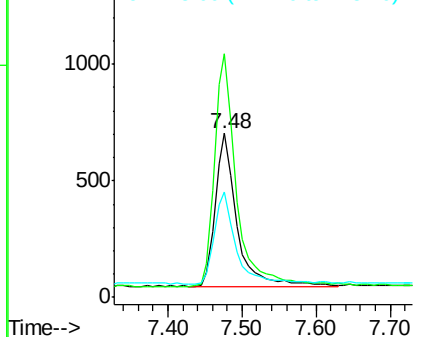
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009408.D
Acq: 21 Jan 2020 11:05

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 1333
Ion Ratio Lower Upper
152 100
150 148.5 125.7 188.5
115 64.0 53.3 79.9



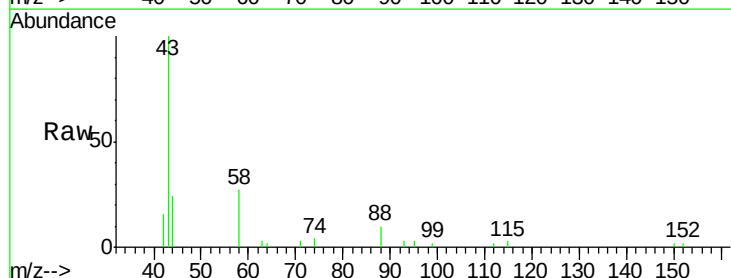
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



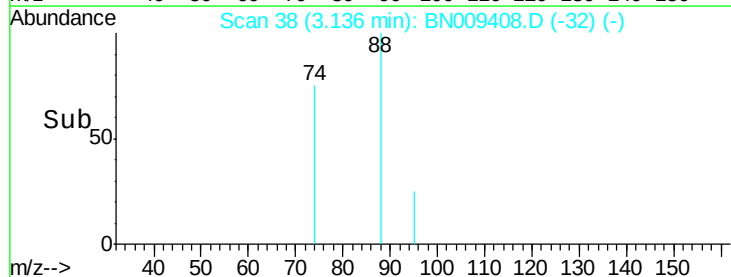
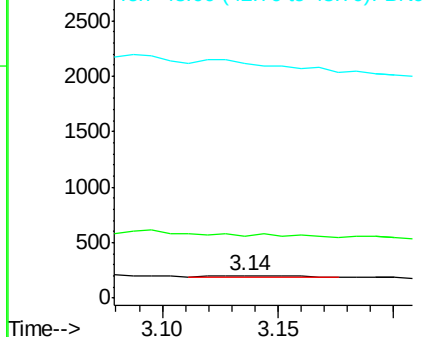
#2

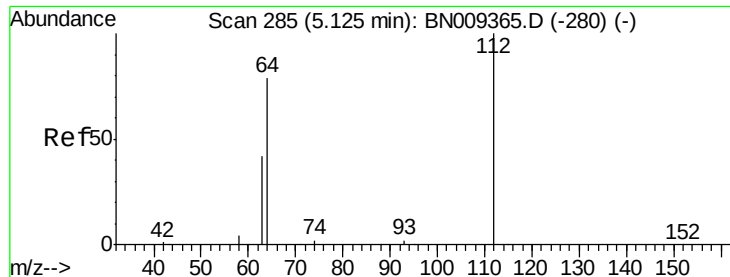
1,4-Dioxane
Concen: 0.029 ng
RT: 3.14 min Scan# 38
Delta R.T. -0.00 min
Lab File: BN009408.D
Acq: 21 Jan 2020 11:05

Tgt Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
58 0.0 100.2 150.2#
43 0.0 43.1 64.7#



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: 0.298 ng

RT: 5.12 min Scan# 285

Delta R.T. -0.00 min

Lab File: BN009408.D

Acq: 21 Jan 2020 11:05

Instrument :

BNA_N

ClientSampleId :

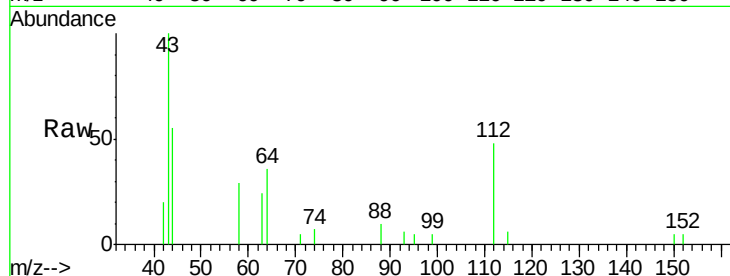
Tot Ion: 112 Resp: 913

Ion Ratio Lower Upper

112 100

64 78.9 61.5 92.3

63 43.9 35.0 52.4



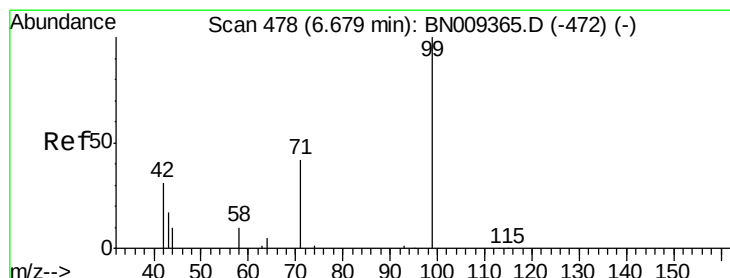
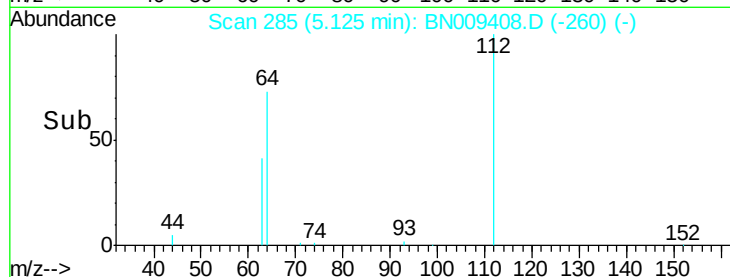
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Time-->

5.00 5.10 5.20 5.30



#5

Phenol-d6

Concen: 0.299 ng

RT: 6.69 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN009408.D

Acq: 21 Jan 2020 11:05

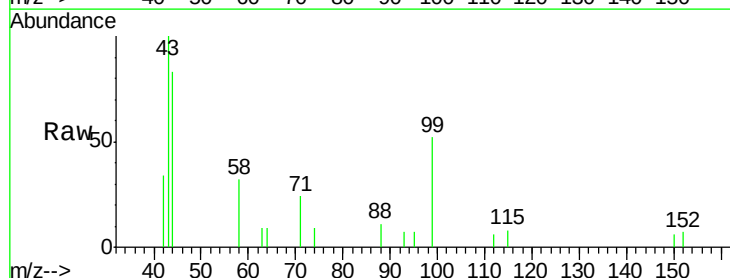
Tgt Ion: 99 Resp: 1062

Ion Ratio Lower Upper

99 100

42 39.7 27.6 41.4

71 42.3 33.0 49.6



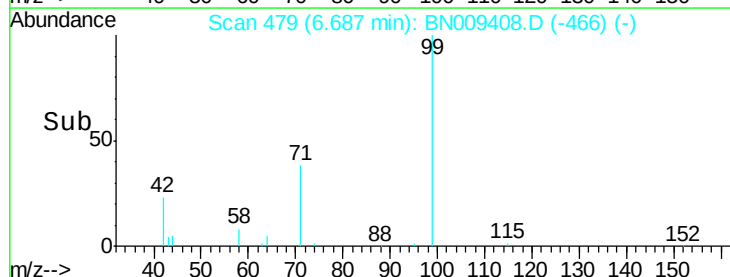
Abundance Ion 99.00 (98.70 to 99.70): BNC

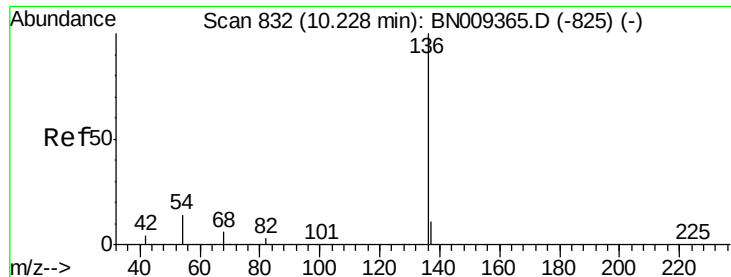
Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC

Time-->

6.60 6.70 6.80 6.90





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BN009408.D

Acq: 21 Jan 2020 11:05

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 4366

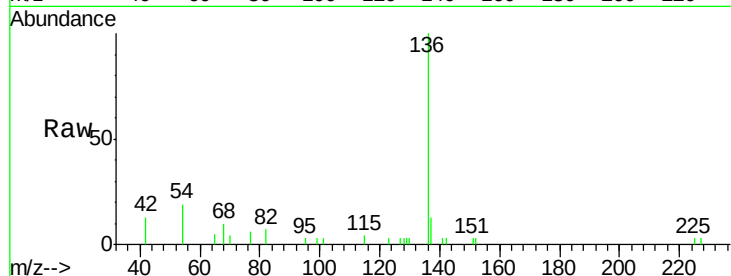
Ion Ratio Lower Upper

136 100

137 13.3 10.3 15.5

54 19.3 12.6 19.0#

68 10.2 6.5 9.7#

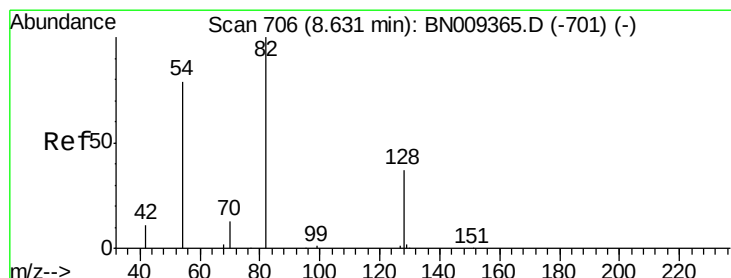
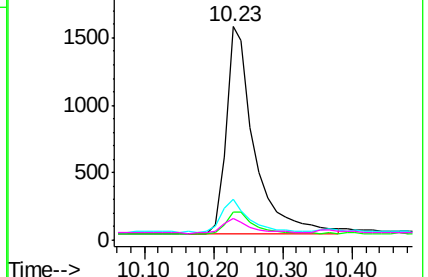
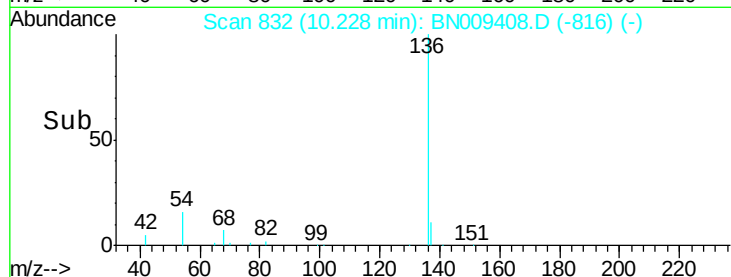


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.276 ng

RT: 8.64 min Scan# 707

Delta R.T. 0.01 min

Lab File: BN009408.D

Acq: 21 Jan 2020 11:05

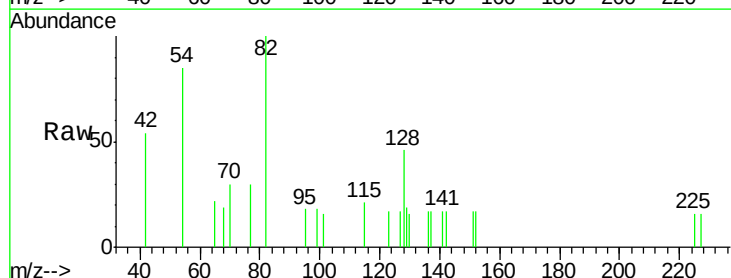
Tgt Ion: 82 Resp: 962

Ion Ratio Lower Upper

82 100

128 46.0 34.8 52.2

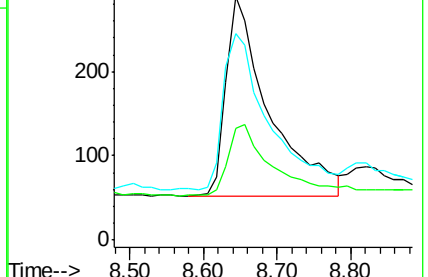
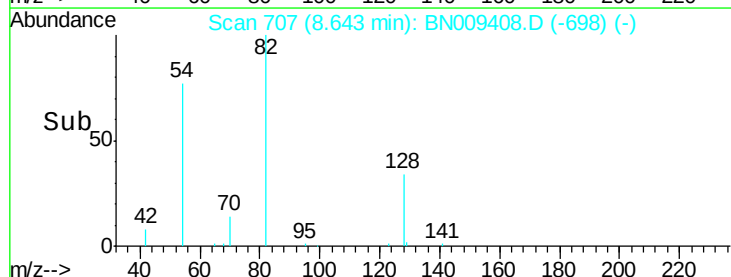
54 84.8 65.8 98.6

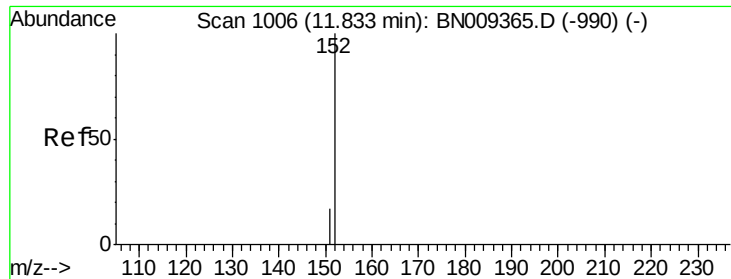


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

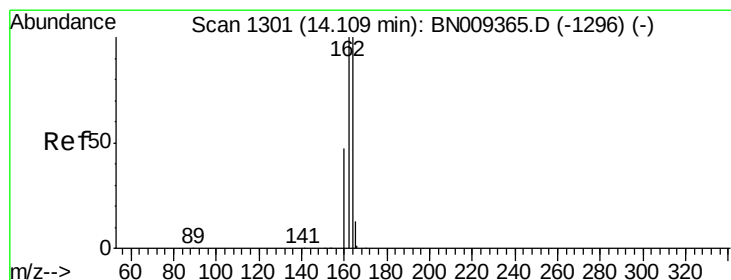
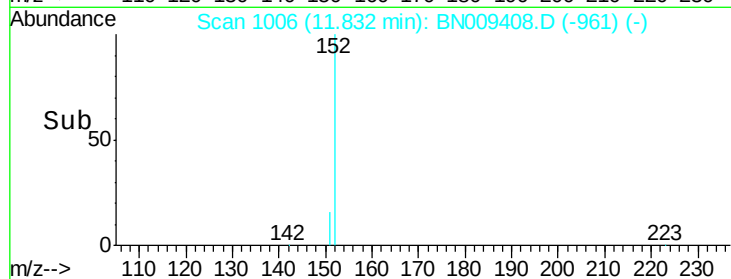
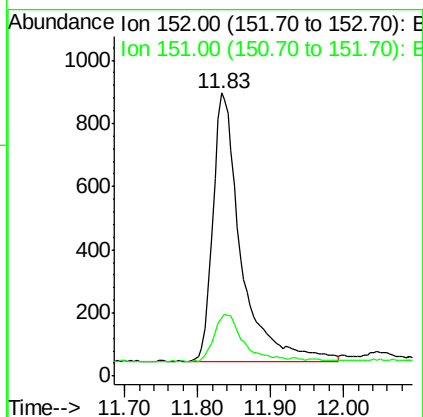
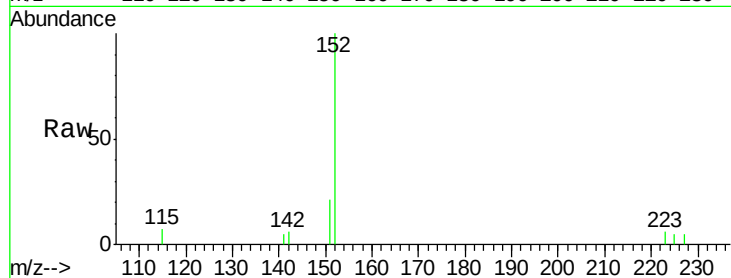




#11
2-Methylnaphthalene-d10
Concen: 0.269 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN009408.D
Acq: 21 Jan 2020 11:05

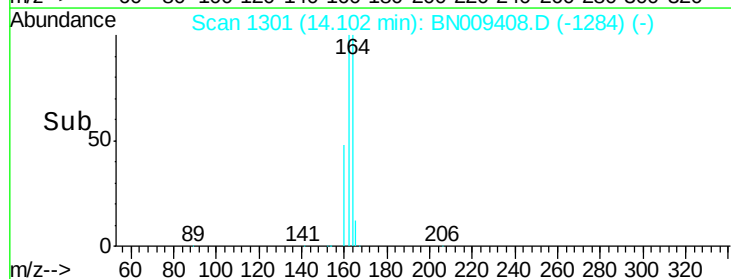
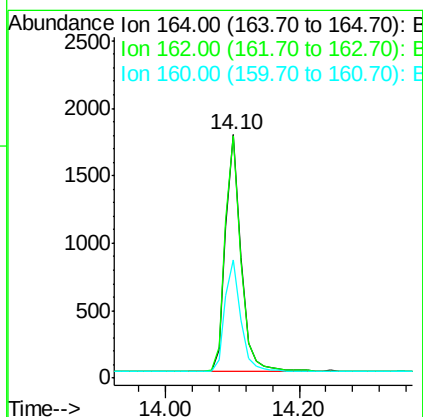
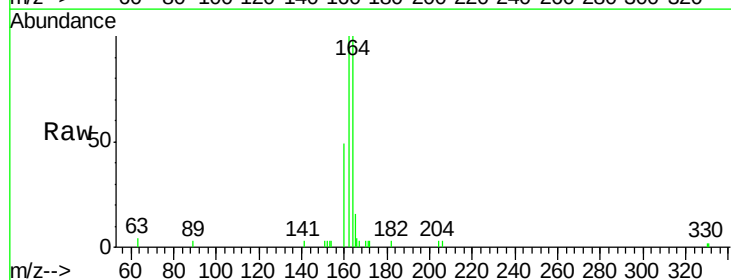
Instrument :
BNA_N
ClientSampled :

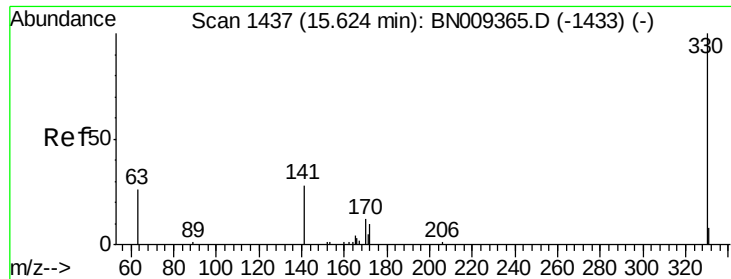
Tot Ion:152 Resp: 2267
Ion Ratio Lower Upper
152 100
151 18.0 14.8 22.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN009408.D
Acq: 21 Jan 2020 11:05

Tgt Ion:164 Resp: 2891
Ion Ratio Lower Upper
164 100
162 99.6 79.8 119.6
160 48.8 38.4 57.6

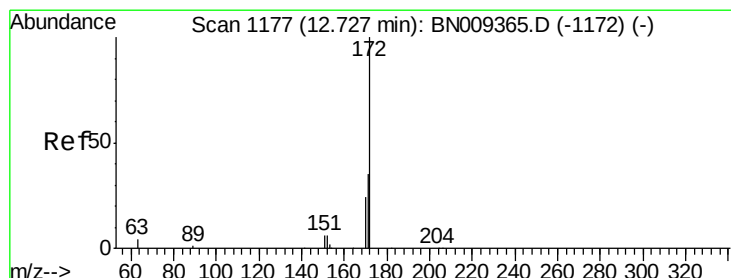
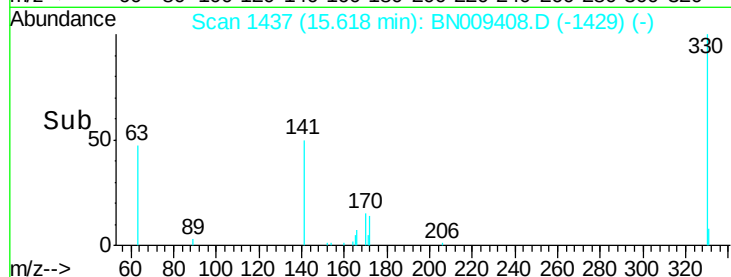
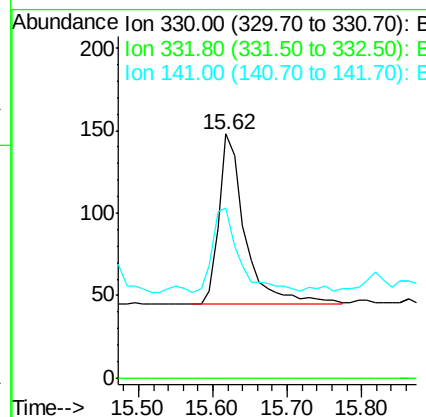
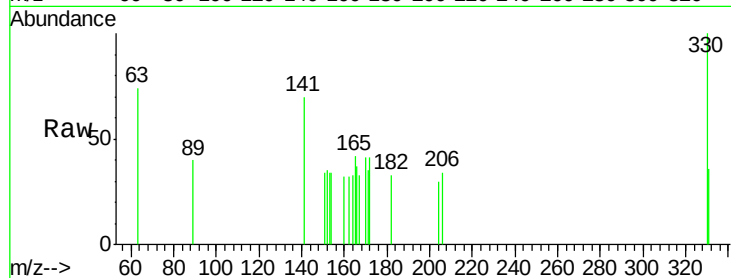




#14
 2,4,6-Tribromophenol
 Concen: 0.229 ng
 RT: 15.62 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BN009408.D
 Acq: 21 Jan 2020 11:05

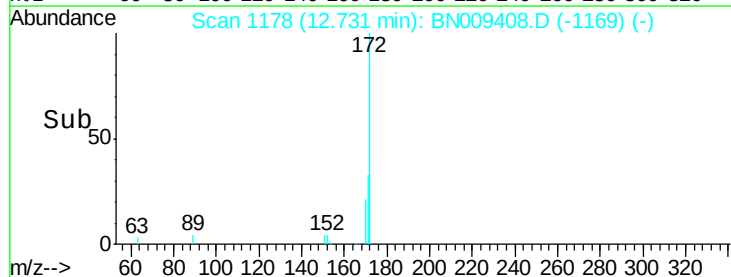
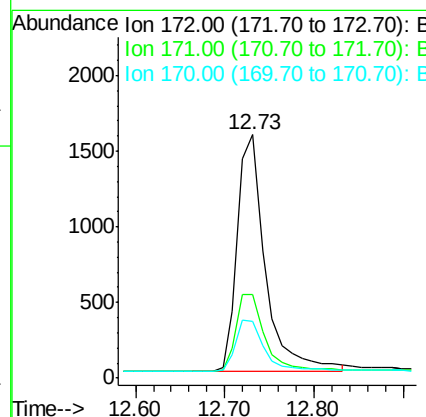
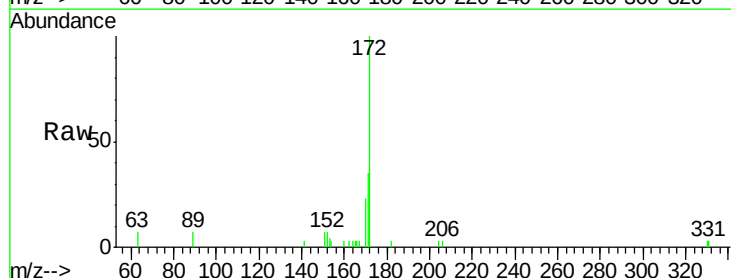
Instrument :
 BNA_N
 ClientSampled :

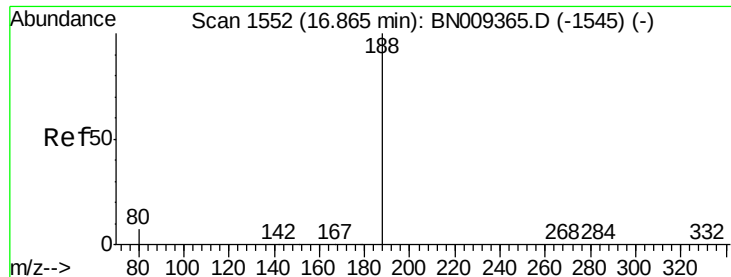
Tot Ion:330 Resp: 250
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 50.8 33.1 49.7#



#15
 2-Fluorobiphenyl
 Concen: 0.316 ng
 RT: 12.73 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BN009408.D
 Acq: 21 Jan 2020 11:05

Tgt Ion:172 Resp: 3421
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.5 44.3
 170 23.2 20.7 31.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.86 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BN009408.D

Acq: 21 Jan 2020 11:05

Instrument :

BNA_N

ClientSampleId :

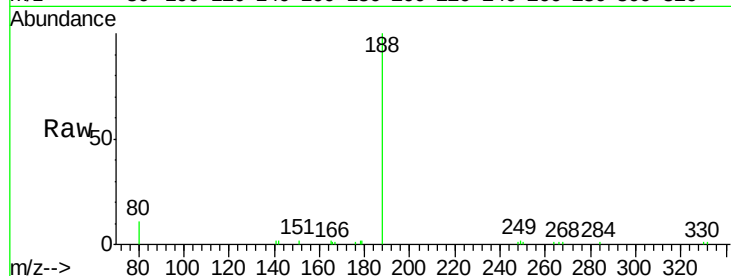
Tot Ion:188 Resp: 6577

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

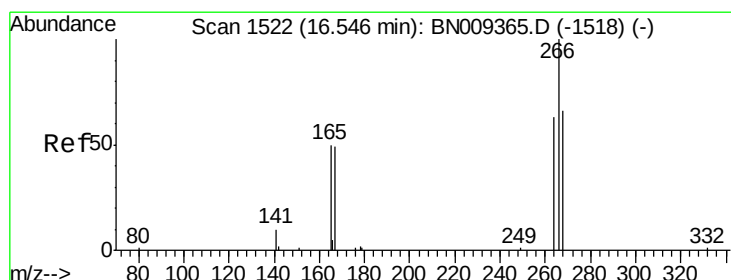
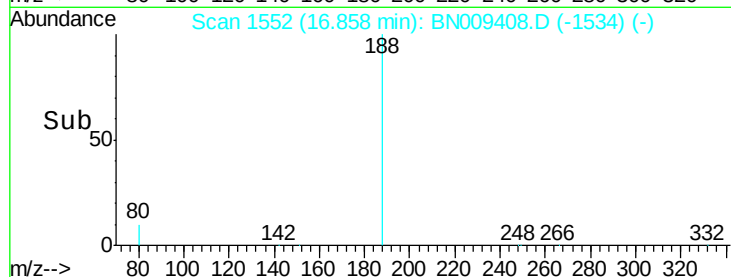
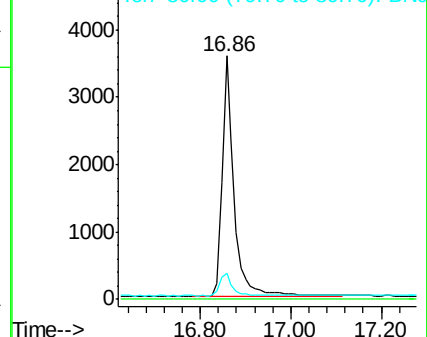
80 10.9 6.6 10.0#



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



#22

Pentachlorophenol

Concen: 0.146 ng

RT: 16.53 min Scan# 1521

Delta R.T. -0.02 min

Lab File: BN009408.D

Acq: 21 Jan 2020 11:05

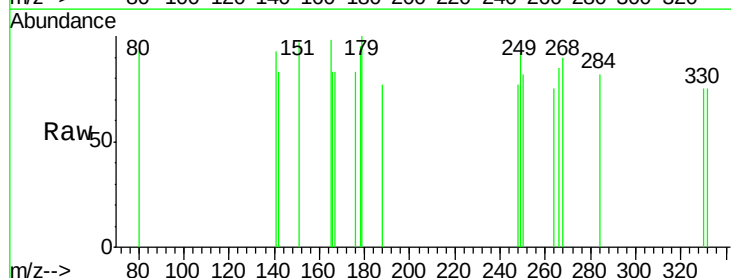
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 88.2 57.8 86.6#

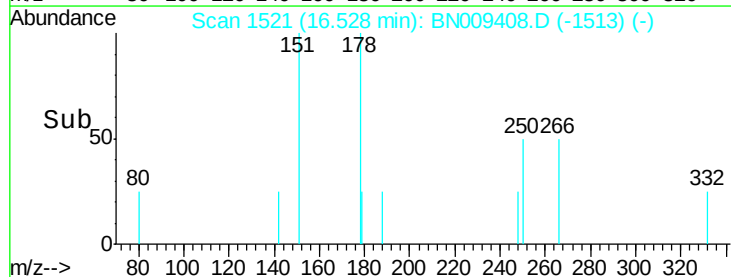
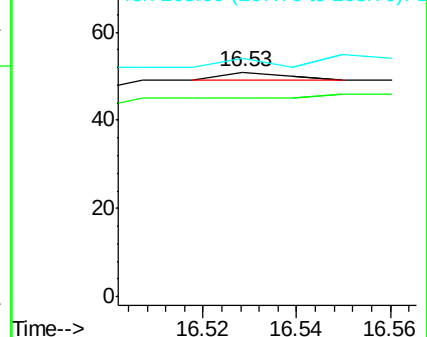
268 105.9 63.8 95.6#

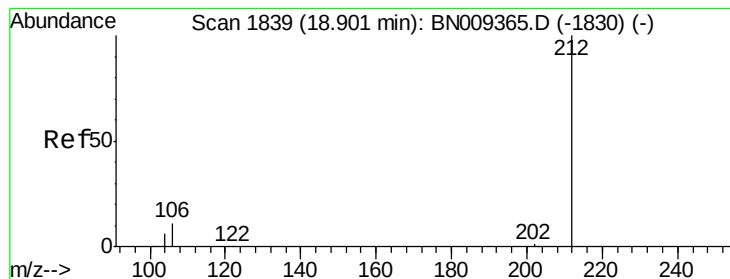


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.279 ng

RT: 18.90 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BN009408.D

Acq: 21 Jan 2020 11:05

Instrument :

BNA_N

ClientSampled :

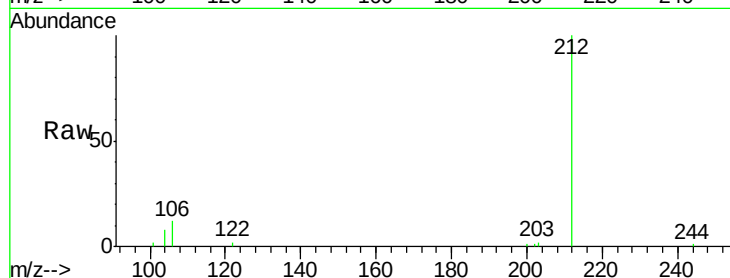
Tot Ion:212 Resp: 6285

Ion Ratio Lower Upper

212 100

106 11.6 9.2 13.8

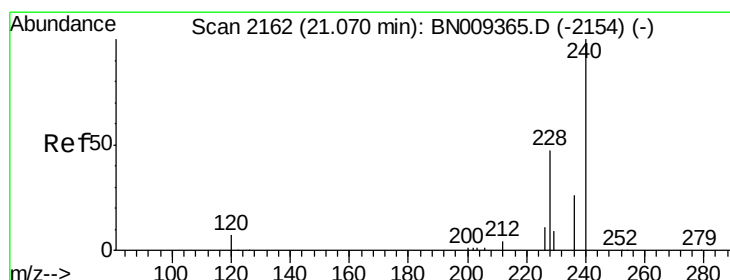
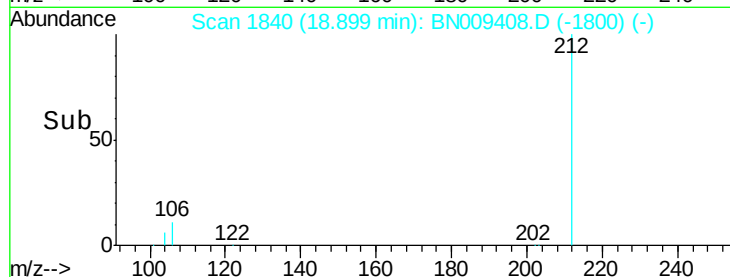
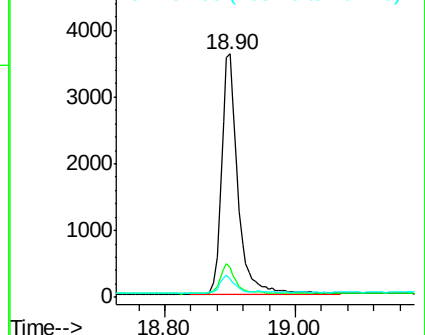
104 6.5 5.4 8.0



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: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN009408.D

Acq: 21 Jan 2020 11:05

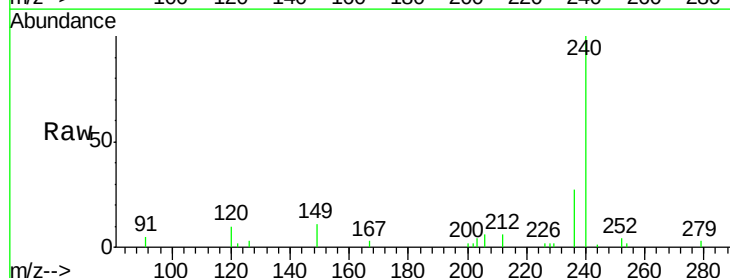
Tgt Ion:240 Resp: 6043

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

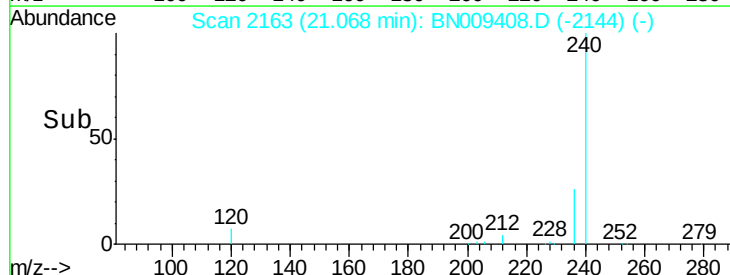
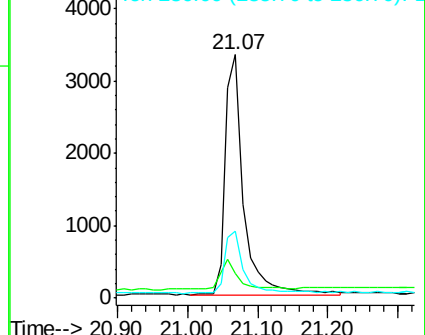
236 27.5 22.2 33.4

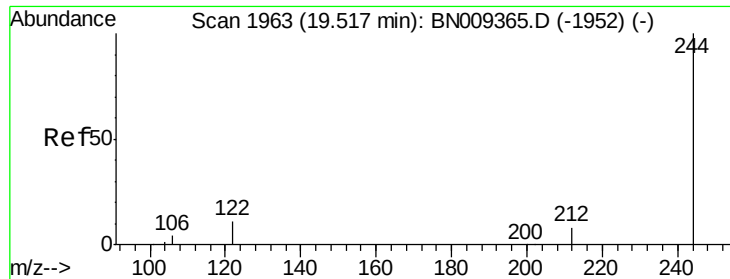


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.324 ng

RT: 19.51 min Scan# 1963

Delta R.T. -0.01 min

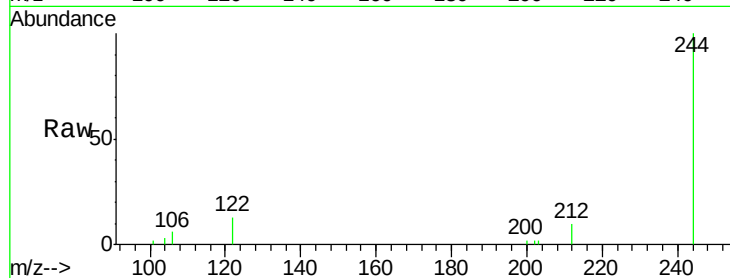
Lab File: BN009408.D

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ClientSampleId :



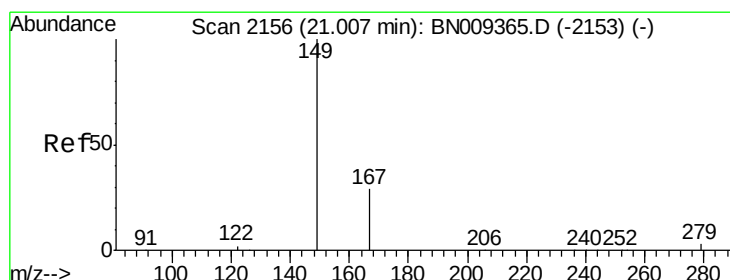
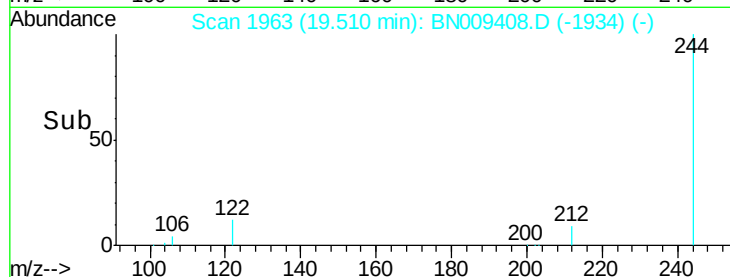
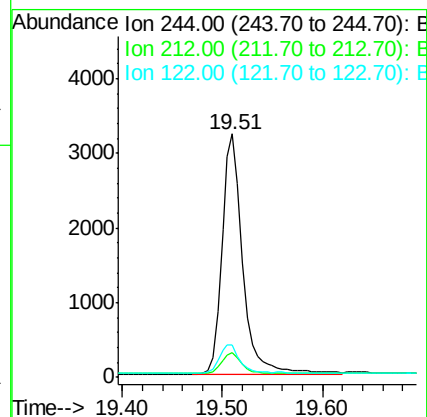
Tot Ion:244 Resp: 4632

Ion Ratio Lower Upper

244 100

212 10.4 7.5 11.3

122 13.1 9.8 14.6



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.079 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN009408.D

Acq: 21 Jan 2020 11:05

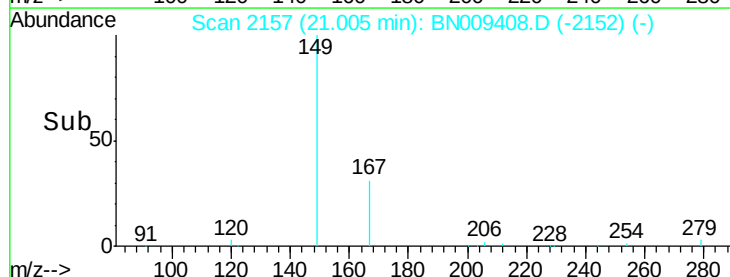
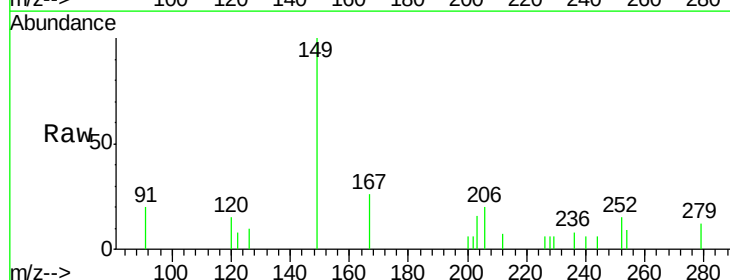
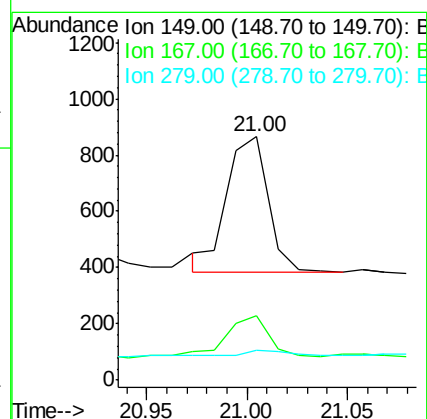
Tgt Ion:149 Resp: 696

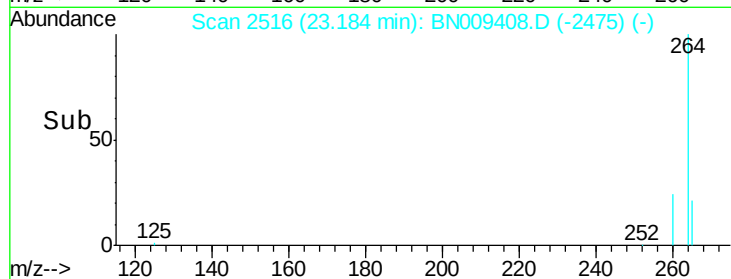
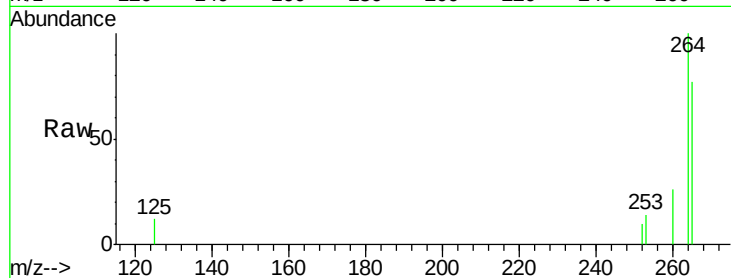
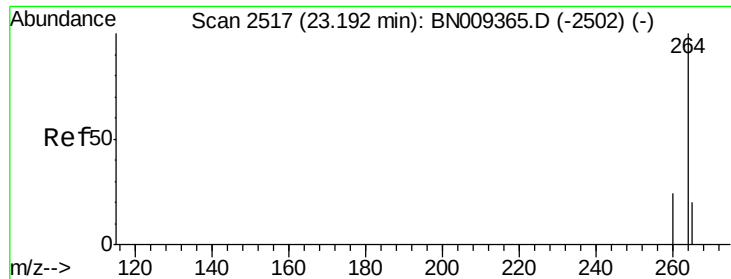
Ion Ratio Lower Upper

149 100

167 28.3 22.9 34.3

279 3.9 3.4 5.0





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.18 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BN009408.D

Acq: 21 Jan 2020 11:05

Instrument :

BNA_N

ClientSampleId :

Tot Ion:264 Resp: 6227

Ion Ratio Lower Upper

264 100

260 25.6 20.1 30.1

265 76.6 68.2 102.4

