

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN022718\
 Data File : BN000187.D
 Acq On : 27 Feb 2018 12:42
 Operator : JU/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBE022718

Quant Time: Feb 27 15:14:39 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 15:07:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5707	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	20600	0.40	ng	0.00
13) Acenaphthene-d10	15.07	164	10097	0.40	ng	0.01
19) Phenanthrene-d10	17.78	188	23112	0.40	ng	0.00
27) Chrysene-d12	21.90	240	20895	0.40	ng	0.00
34) Perylene-d12	24.37	264	17656	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.93	112	4723	0.39	ng	0.00
5) Phenol-d6	7.58	99	5903	0.39	ng	0.00
8) Nitrobenzene-d5	9.63	82	4773	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	12359	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1280	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	19607	0.41	ng	0.00
25) Fluoranthene-d10	19.77	212	23898	0.39	ng	0.00
29) Terphenyl-d14	20.35	244	15091	0.41	ng	0.01

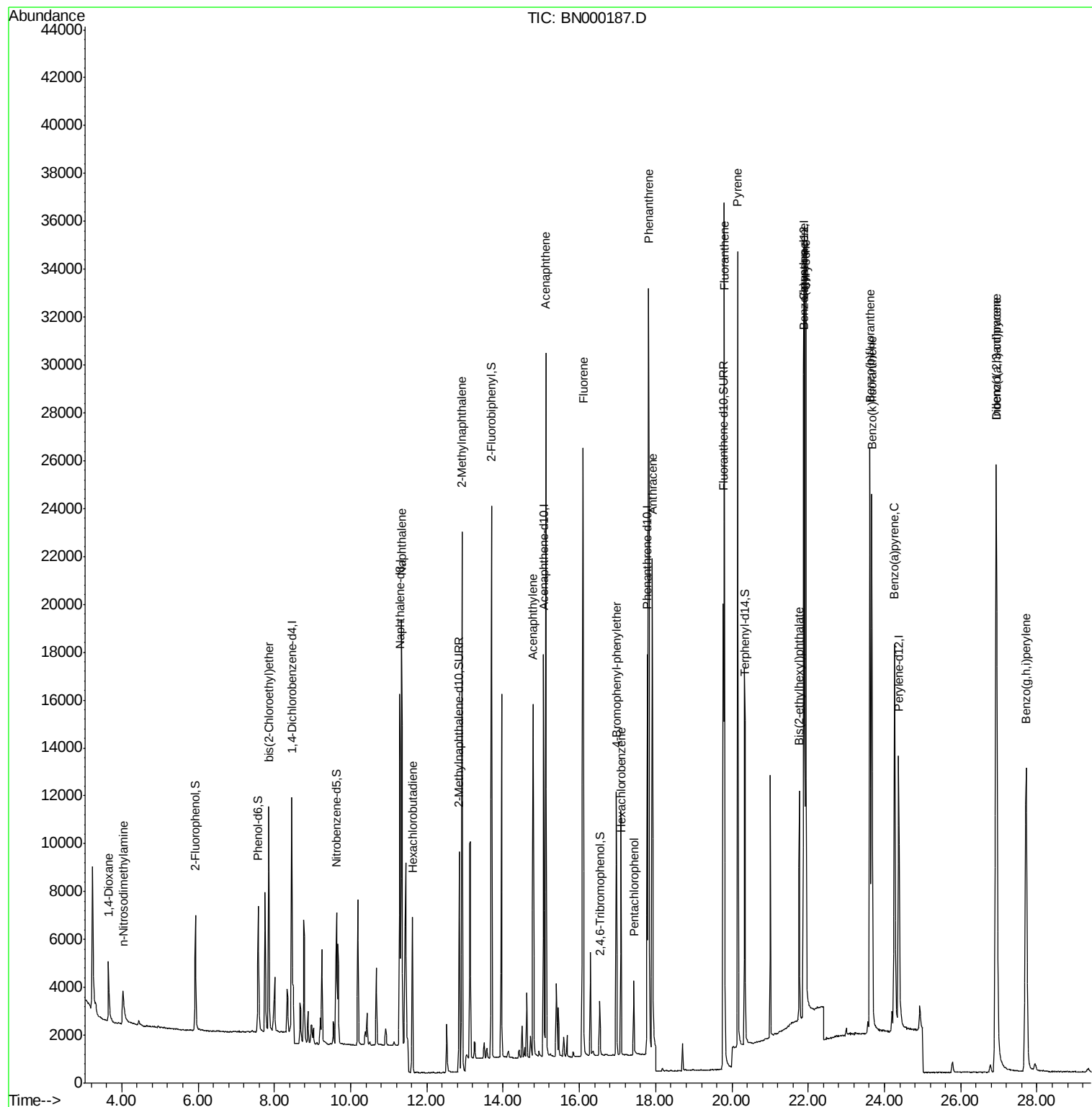
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.65	88	2315	0.392	ng	93
3) n-Nitrosodimethylamine	4.02	42	1460	0.376	ng	# 99
6) bis(2-Chloroethyl)ether	7.85	93	7527	0.387	ng	99
9) Naphthalene	11.34	128	24128	0.401	ng	97
10) Hexachlorobutadiene	11.62	225	4154	0.407	ng	98
12) 2-Methylnaphthalene	12.92	142	15577	0.395	ng	99
16) Acenaphthylene	14.78	152	18001	0.378	ng	100
17) Acenaphthene	15.13	154	14994	0.400	ng	97
18) Fluorene	16.10	166	18414	0.393	ng	# 79
20) 4-Bromophenyl-phenylether	16.97	248	5196	0.390	ng	# 82
21) Hexachlorobenzene	17.10	284	7132	0.400	ng	96
22) Pentachlorophenol	17.43	266	1587	0.380	ng	97
23) Phenanthrene	17.82	178	32120	0.395	ng	98
24) Anthracene	17.91	178	23295	0.378	ng	96
26) Fluoranthene	19.80	202	32255	0.382	ng	# 96
28) Pyrene	20.15	202	32946	0.402	ng	100
30) Benzo(a)anthracene	21.88	228	25161	0.382	ng	97
31) Chrysene	21.94	228	31783	0.413	ng	99
32) Bis(2-ethylhexyl)phthalate	21.77	149	9196	0.375	ng	98
33) Indeno(1,2,3-cd)pyrene	26.93	276	31233	0.435	ng	# 89
35) Benzo(b)fluoranthene	23.62	252	32646	0.405	ng	95
36) Benzo(k)fluoranthene	23.67	252	30802	0.391	ng	# 88
37) Benzo(a)pyrene	24.26	252	26004	0.396	ng	# 91
38) Dibenzo(a,h)anthracene	26.94	278	25087	0.429	ng	# 92
39) Benzo(g,h,i)perylene	27.71	276	27418	0.397	ng	# 85

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

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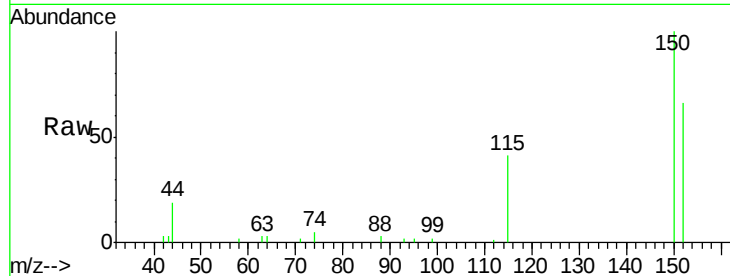


#1

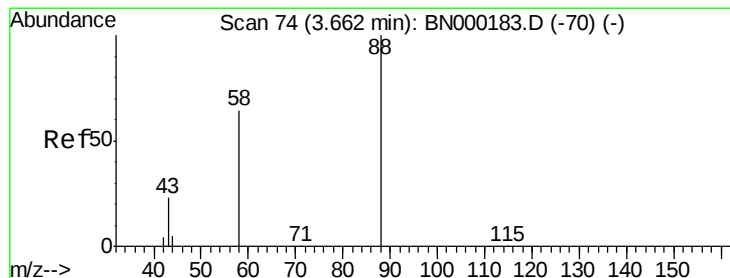
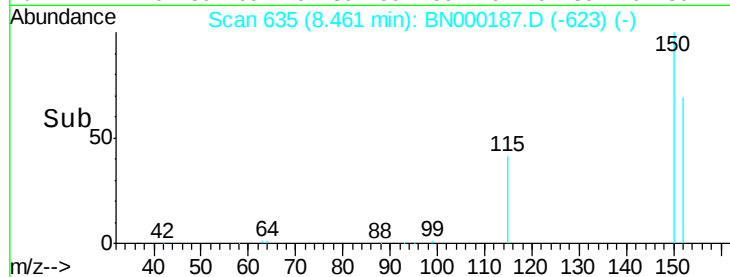
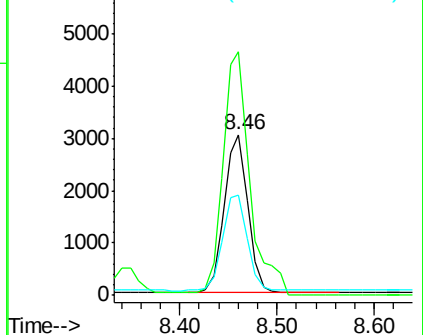
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 635
Delta R.T. 0.00 min
Lab File: BN000187.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_N
ClientSampleId :
ICVBE022718

Tgt Ion:152 Resp: 5707
Ion Ratio Lower Upper
152 100
150 151.5 117.2 175.8
115 62.1 57.0 85.6



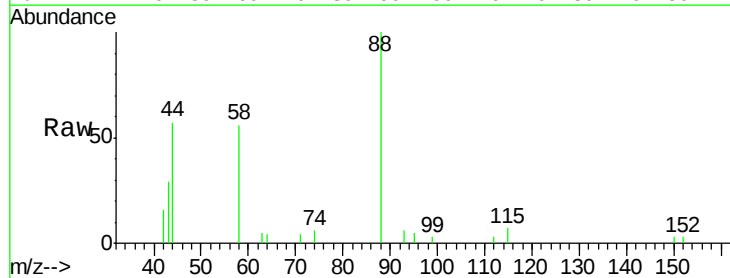
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



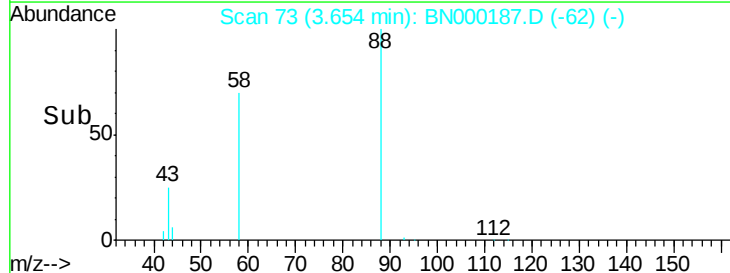
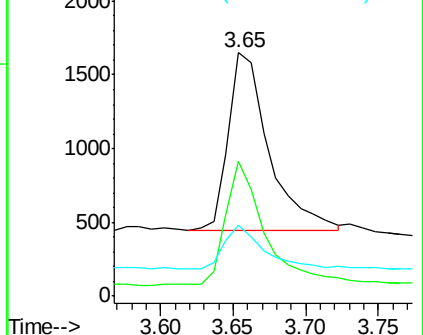
#2

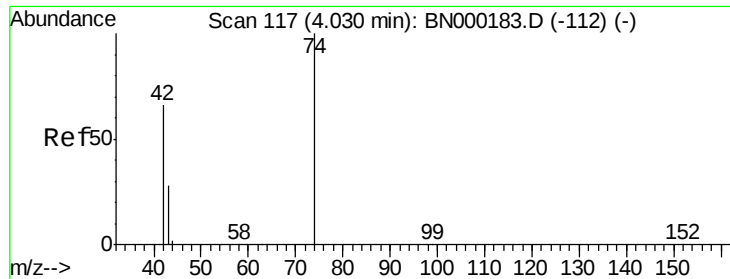
1,4-Dioxane
Concen: 0.392 ng
RT: 3.65 min Scan# 73
Delta R.T. -0.01 min
Lab File: BN000187.D
Acq: 27 Feb 2018 12:42

Tgt Ion: 88 Resp: 2315
Ion Ratio Lower Upper
88 100
58 68.0 48.0 72.0
43 25.0 20.0 30.0



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: 0.376 ng

RT: 4.02 min Scan# 116

Delta R.T. -0.01 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_N

ClientSampleId :

ICVBE022718

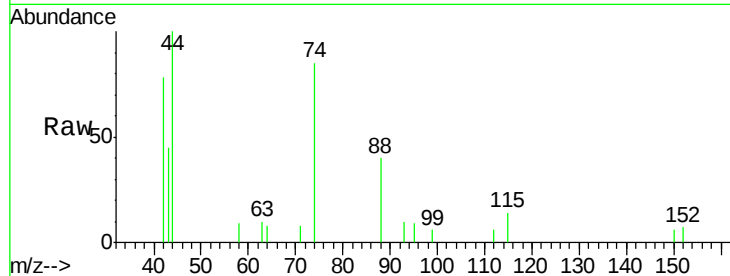
Tgt Ion: 42 Resp: 1460

Ion Ratio Lower Upper

42 100

74 151.2 120.0 180.0

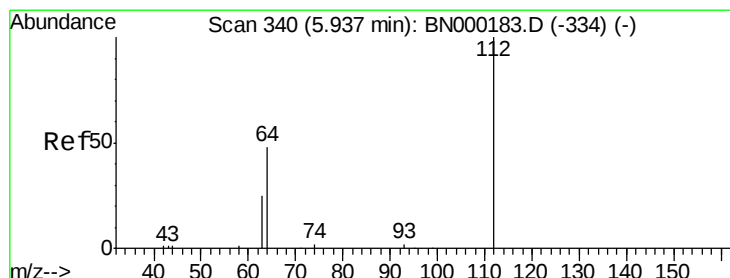
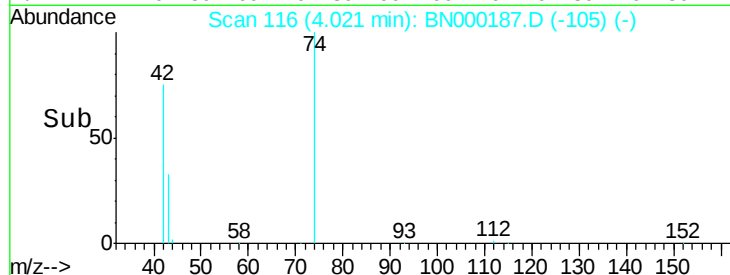
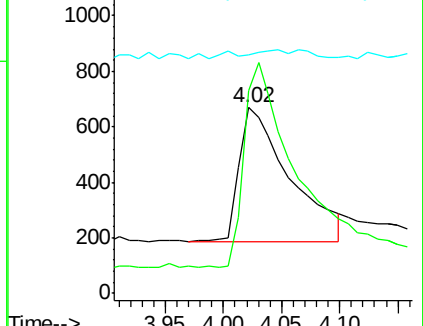
44 0.0 4.0 6.0#



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: 0.392 ng

RT: 5.93 min Scan# 339

Delta R.T. -0.01 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

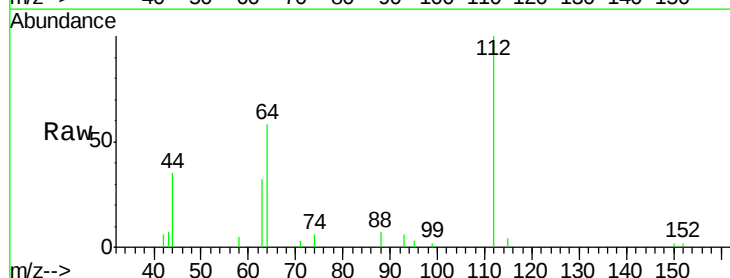
Tgt Ion: 112 Resp: 4723

Ion Ratio Lower Upper

112 100

64 53.0 60.1 90.1#

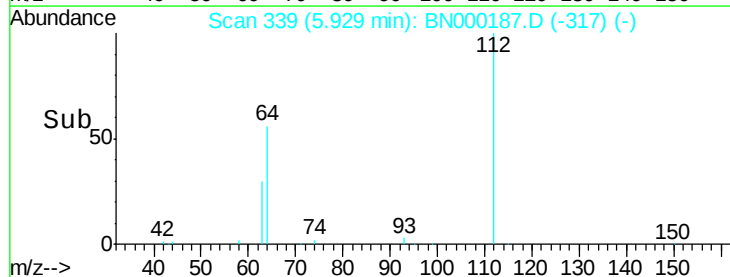
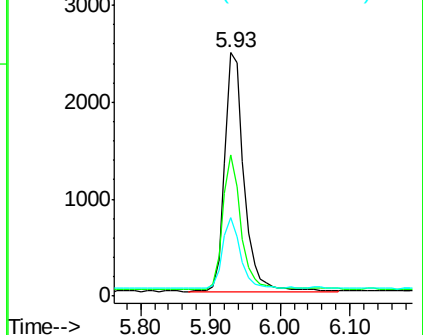
63 27.6 116.8 175.2#

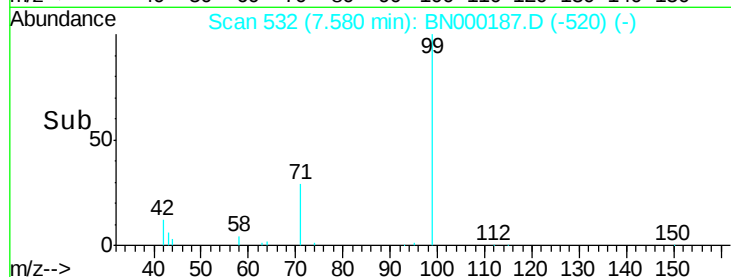
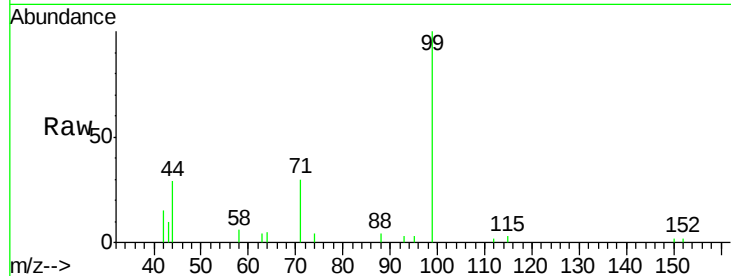
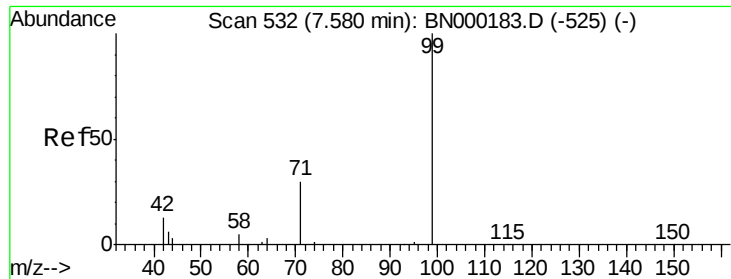


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

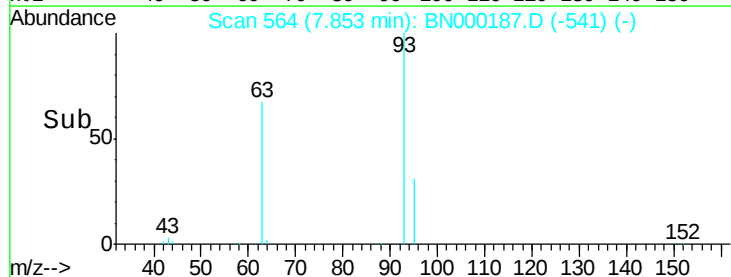
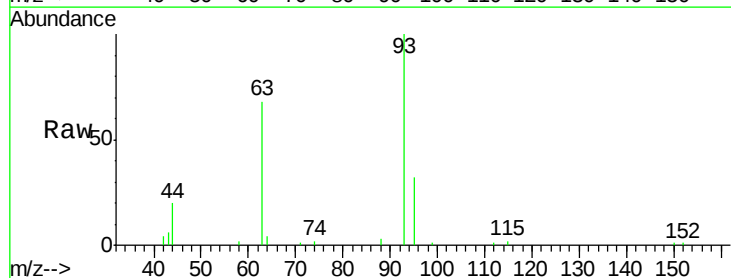
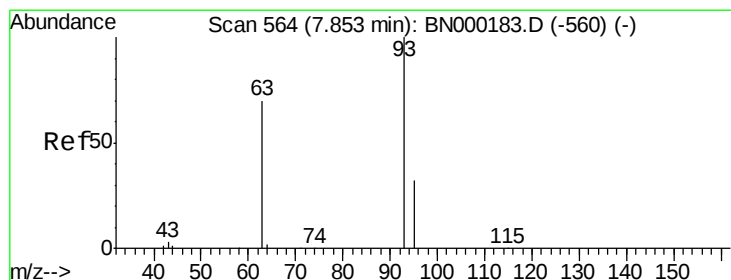
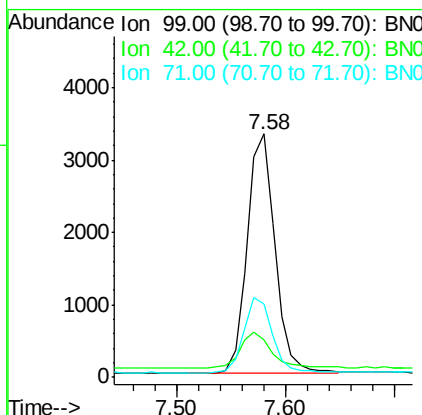




#5
 Phenol-d6
 Concen: 0.386 ng
 RT: 7.58 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BN000187.D
 Acq: 27 Feb 2018 12:42

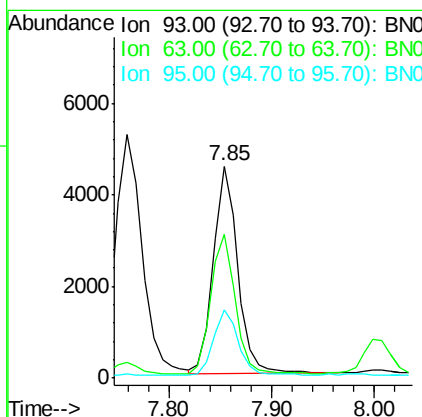
Instrument :
 BNA_N
 ClientSampleId :
 ICVBE022718

Tgt Ion: 99 Resp: 5903
 Ion Ratio Lower Upper
 99 100
 42 16.3 20.2 30.2#
 71 31.5 28.4 42.6



#6
 bis(2-Chloroethyl)ether
 Concen: 0.387 ng
 RT: 7.85 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BN000187.D
 Acq: 27 Feb 2018 12:42

Tgt Ion: 93 Resp: 7527
 Ion Ratio Lower Upper
 93 100
 63 68.3 56.0 84.0
 95 31.6 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 860

Delta R.T. 0.00 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_N

ClientSampleId :

ICVBE022718

Tgt Ion:136 Resp: 20600

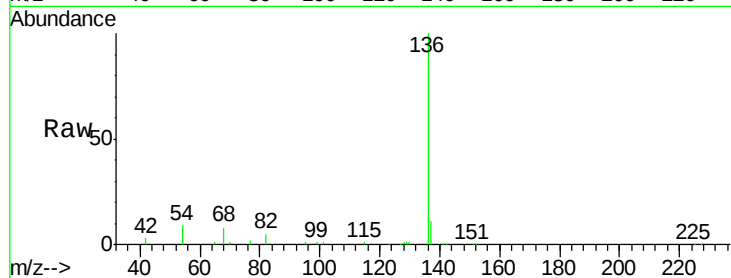
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 9.0 29.1 43.7#

68 8.4 6.2 9.2

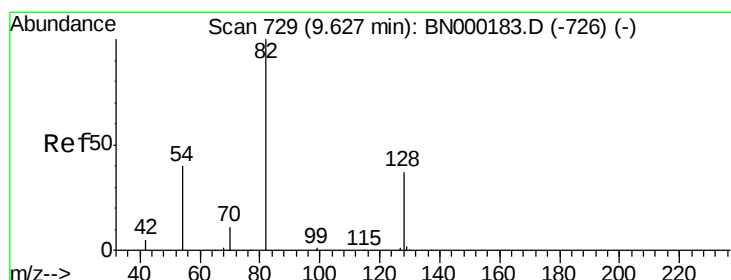
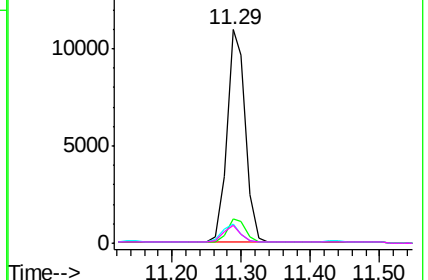
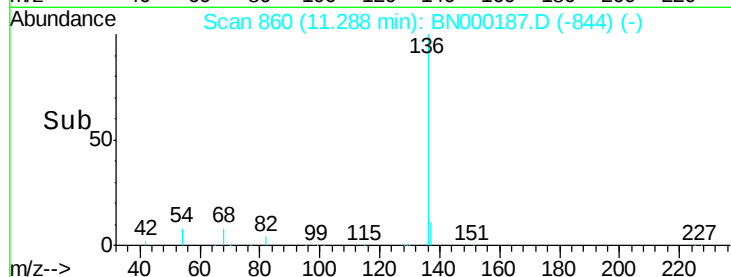


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.391 ng

RT: 9.63 min Scan# 729

Delta R.T. 0.00 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

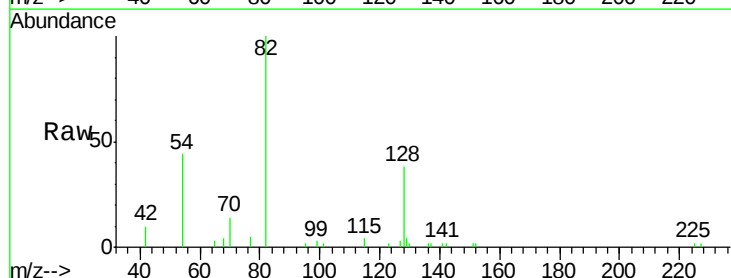
Tgt Ion: 82 Resp: 4773

Ion Ratio Lower Upper

82 100

128 37.9 150.0 225.0#

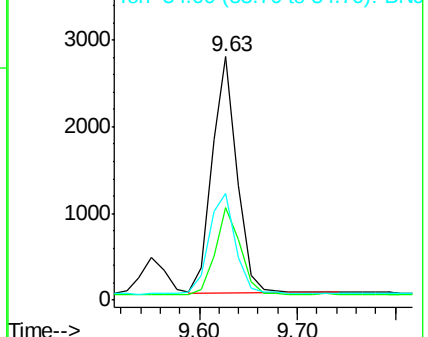
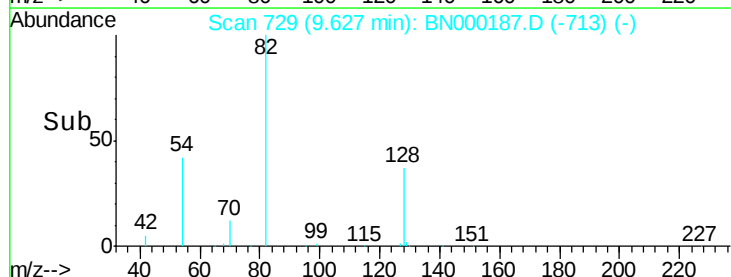
54 43.6 154.2 231.4#

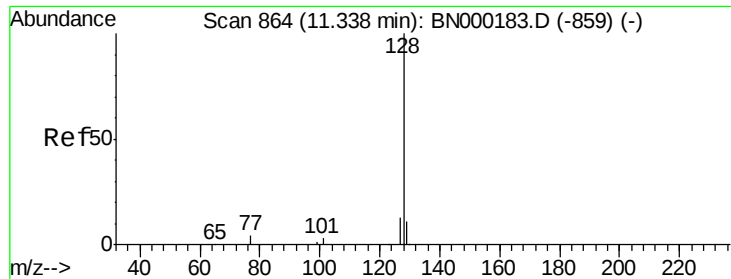


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.401 ng

RT: 11.34 min Scan# 864

Delta R.T. 0.00 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

Instrument :

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ClientSampleId :

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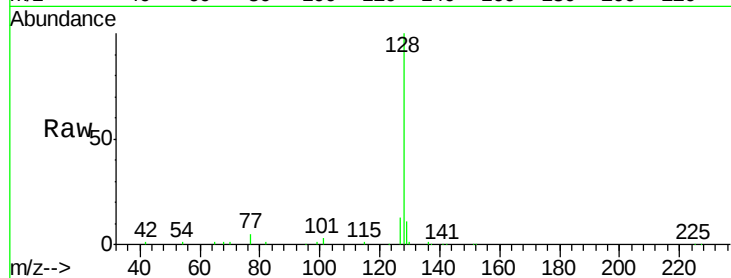
Tgt Ion:128 Resp: 24128

Ion Ratio Lower Upper

128 100

129 11.1 8.0 12.0

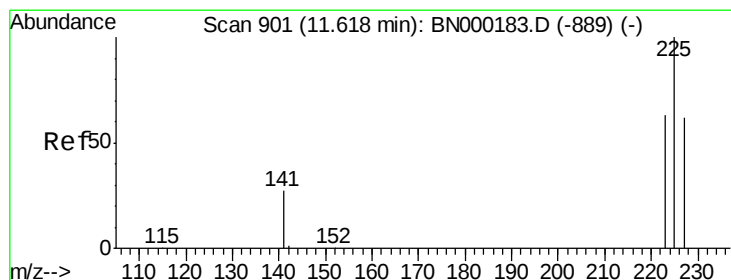
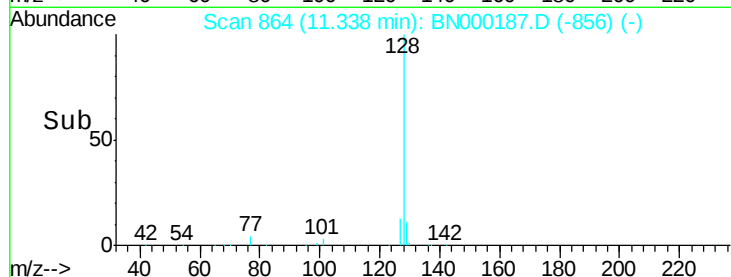
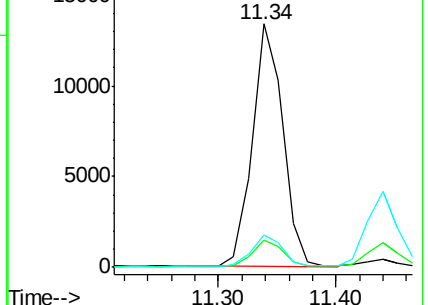
127 13.3 9.6 14.4



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



#10

Hexachlorobutadiene

Concen: 0.407 ng

RT: 11.62 min Scan# 902

Delta R.T. 0.00 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

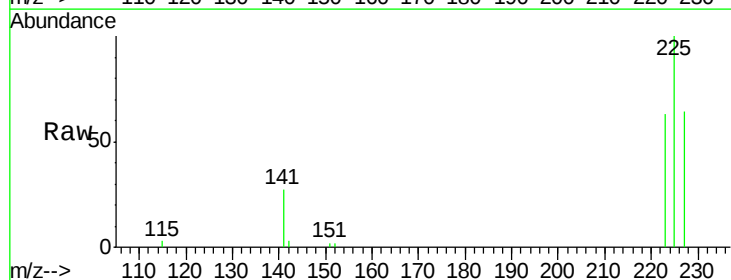
Tgt Ion:225 Resp: 4154

Ion Ratio Lower Upper

225 100

223 63.1 53.0 79.6

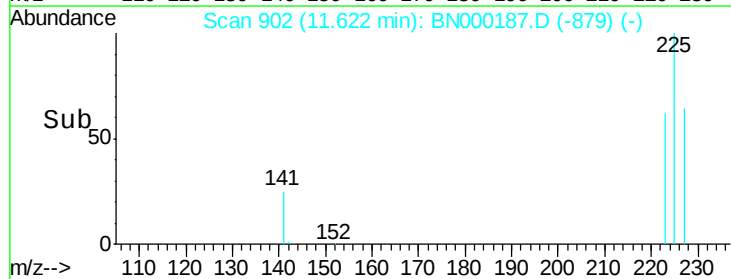
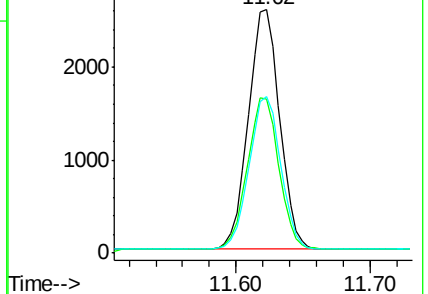
227 64.1 51.4 77.2

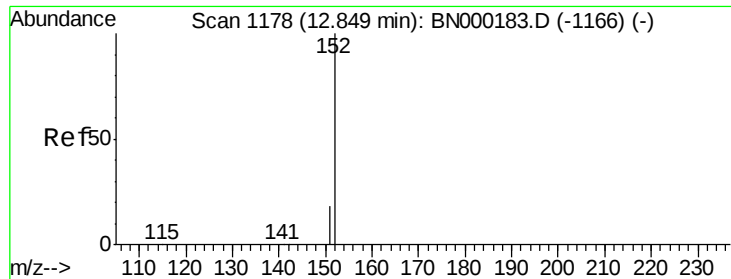


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

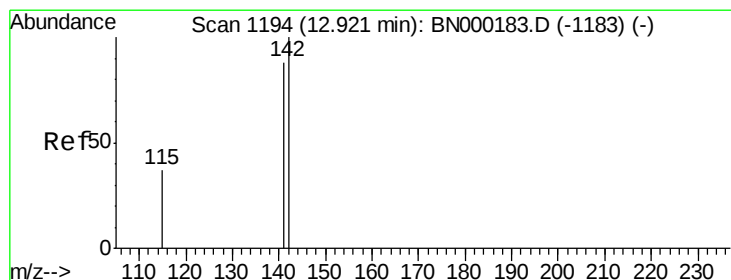
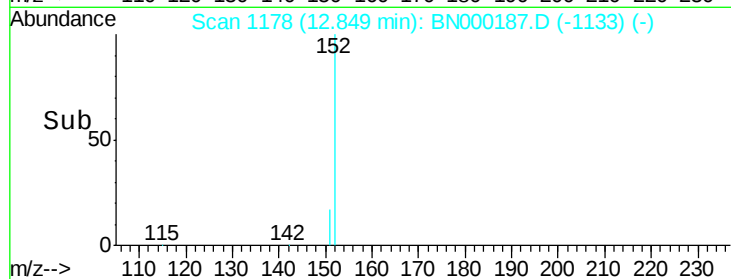
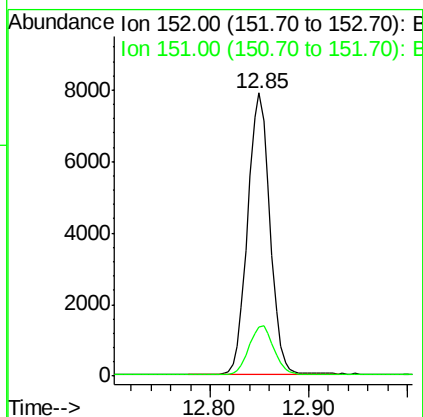
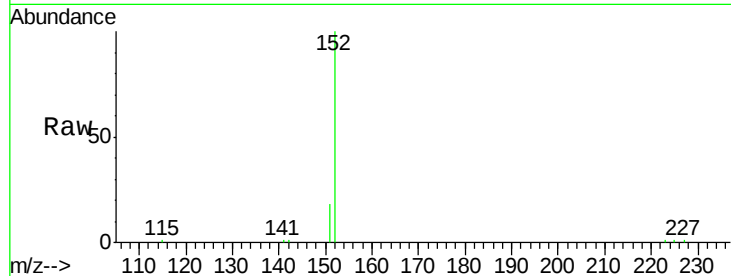




#11
 2-Methylnaphthalene-d10
 Concen: 0.398 ng
 RT: 12.85 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BN000187.D
 Acq: 27 Feb 2018 12:42

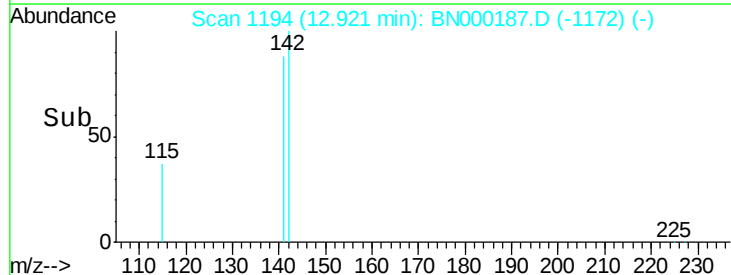
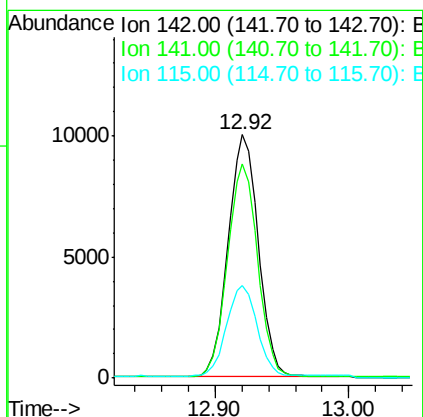
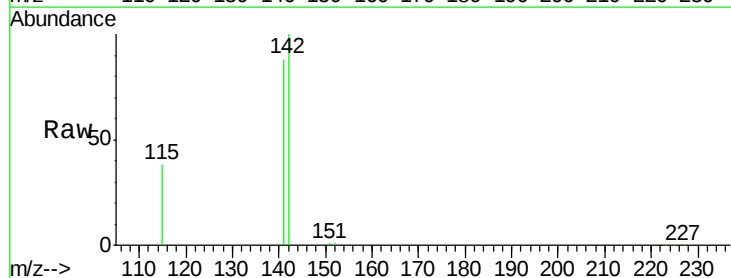
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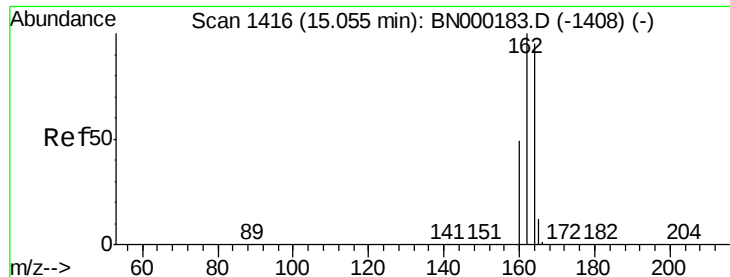
Tgt Ion:152 Resp: 12359
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.395 ng
 RT: 12.92 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BN000187.D
 Acq: 27 Feb 2018 12:42

Tgt Ion:142 Resp: 15577
 Ion Ratio Lower Upper
 142 100
 141 88.1 70.4 105.6
 115 38.1 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.07 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_N

ClientSampleId :

ICVBE022718

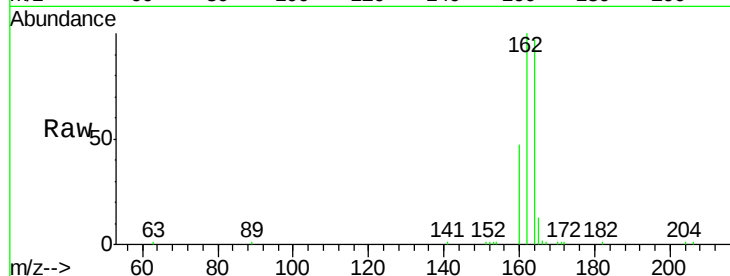
Tgt Ion:164 Resp: 10097

Ion Ratio Lower Upper

164 100

162 103.6 83.1 124.7

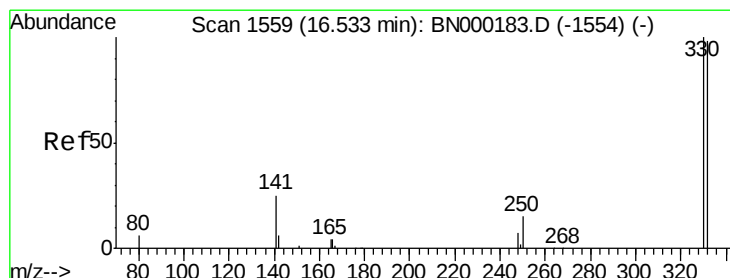
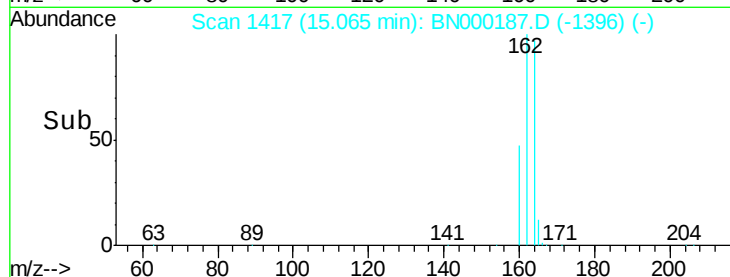
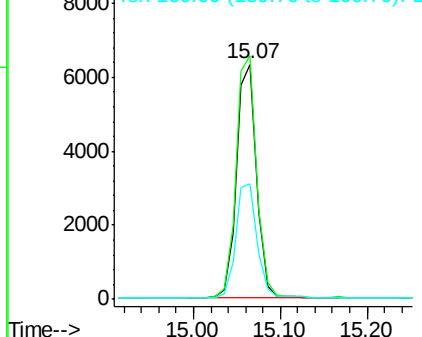
160 49.0 37.1 55.7



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: 0.399 ng

RT: 16.53 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

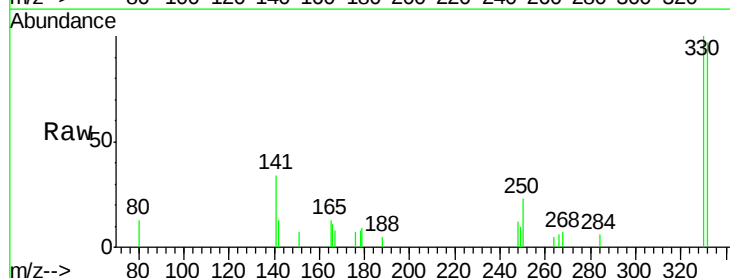
Tgt Ion:330 Resp: 1280

Ion Ratio Lower Upper

330 100

332 97.3 152.7 229.1#

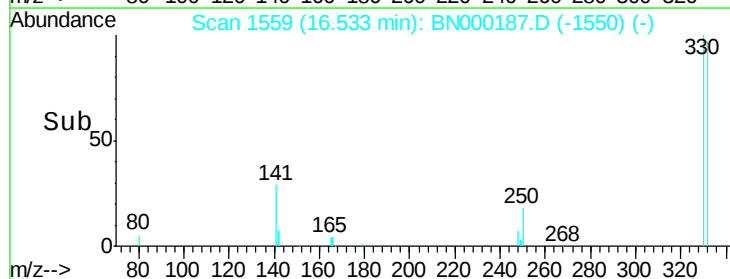
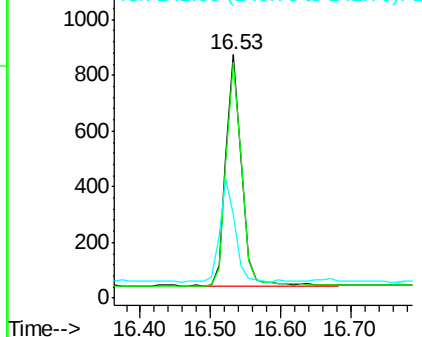
141 43.8 33.7 50.5

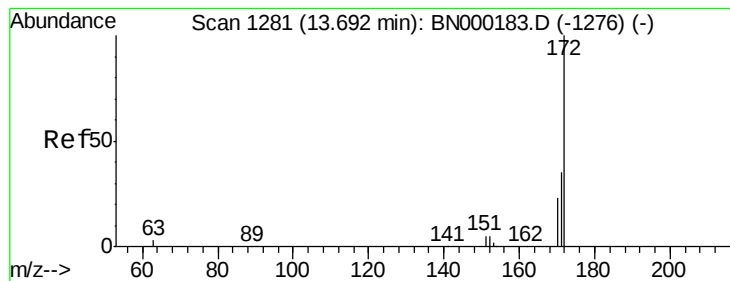


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.410 ng

RT: 13.69 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

Instrument :

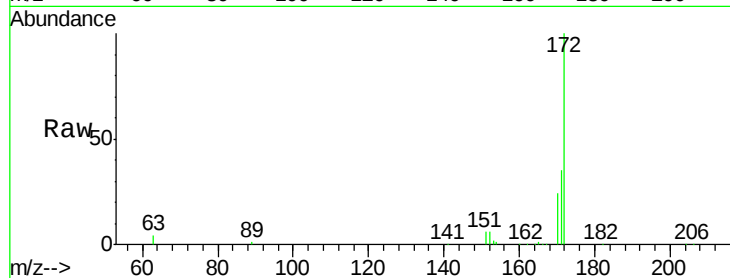
BNA_N

ClientSampleId :

ICVBE022718

Tgt Ion:172 Resp: 19607

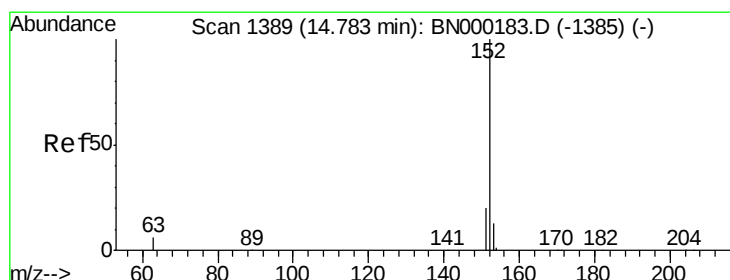
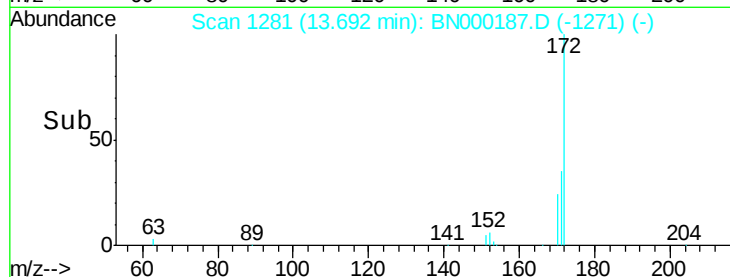
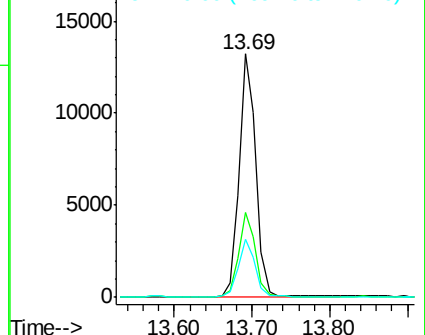
Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.9	44.9
170	23.9	21.8	32.8



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



#16

Acenaphthylene

Concen: 0.378 ng

RT: 14.78 min Scan# 1389

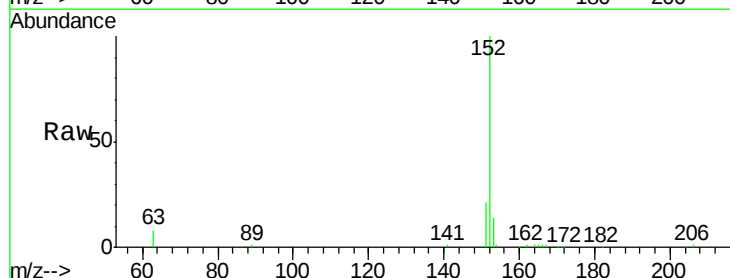
Delta R.T. 0.00 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

Tgt Ion:152 Resp: 18001

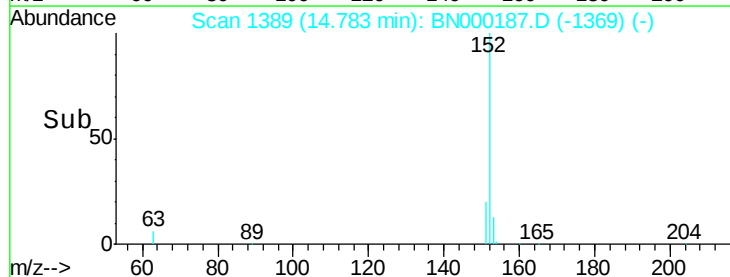
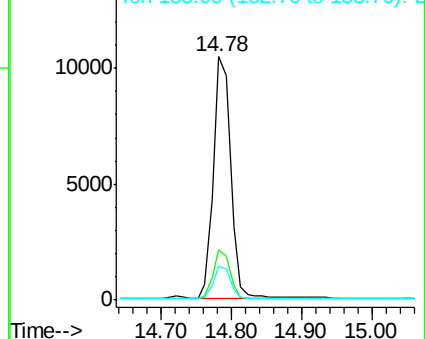
Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.1	10.5	15.7

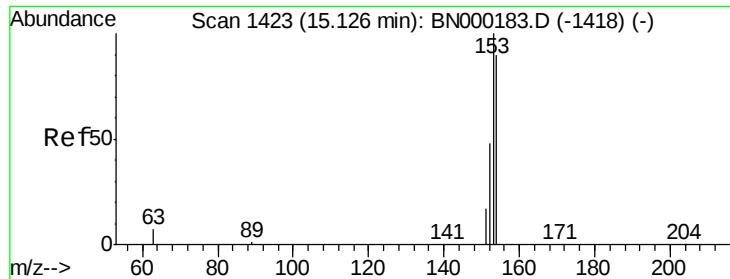


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.400 ng

RT: 15.13 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_N

ClientSampleId :

ICVBE022718

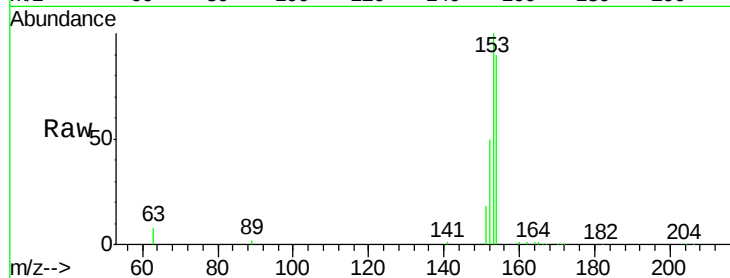
Tgt Ion:154 Resp: 14994

Ion Ratio Lower Upper

154 100

153 112.7 89.2 133.8

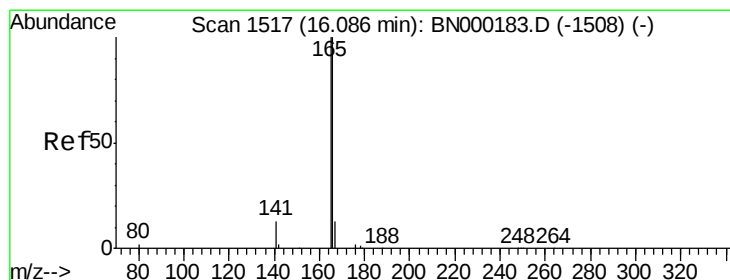
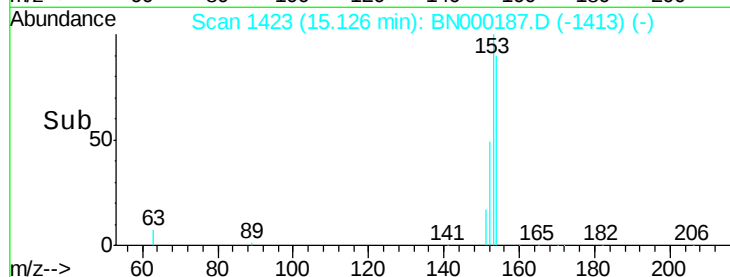
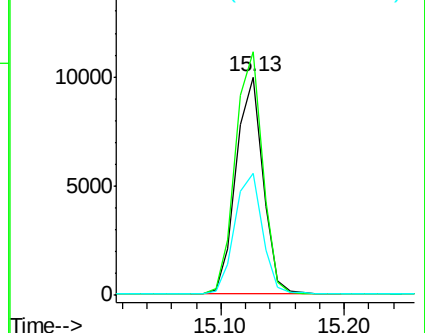
152 57.2 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.393 ng

RT: 16.10 min Scan# 1518

Delta R.T. 0.01 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

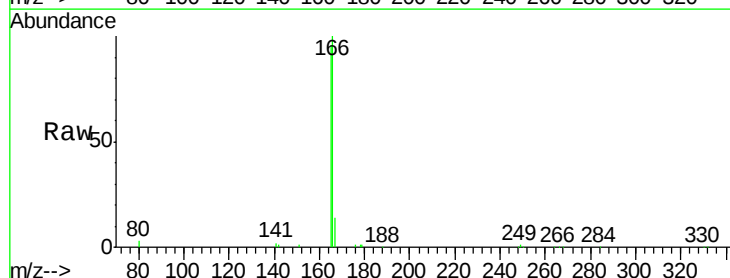
Tgt Ion:166 Resp: 18414

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.6

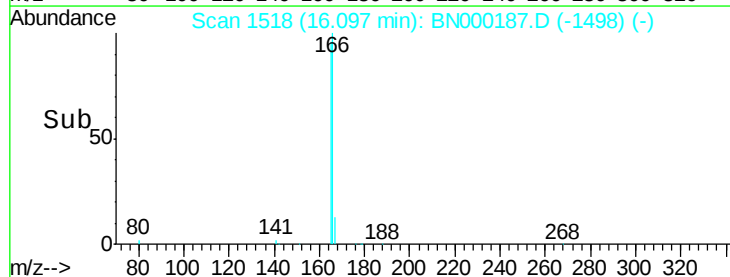
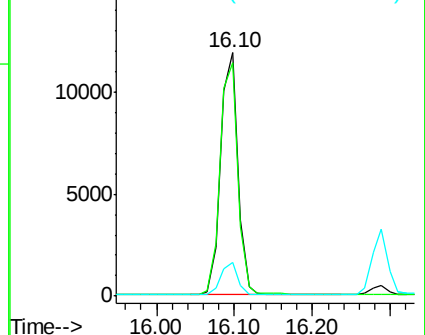
167 13.4 42.4 63.6#

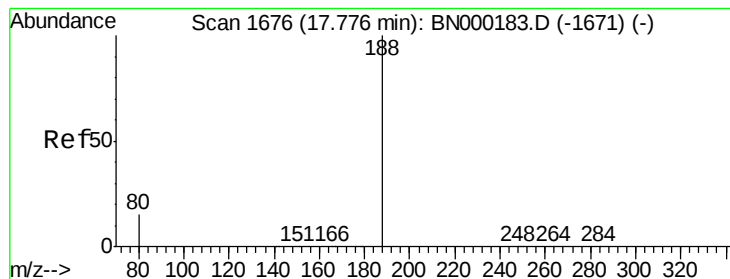


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.78 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_N

ClientSampleId :

ICVBE022718

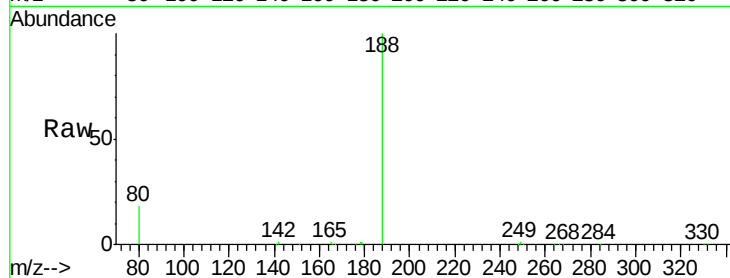
Tgt Ion:188 Resp: 23112

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

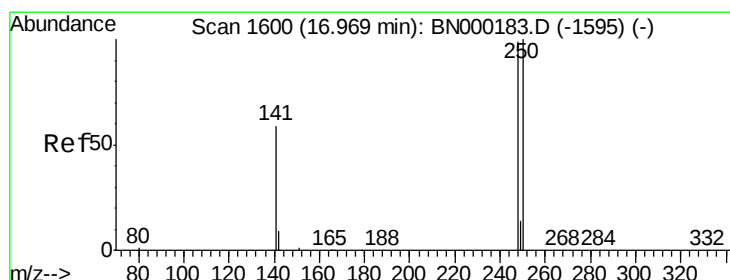
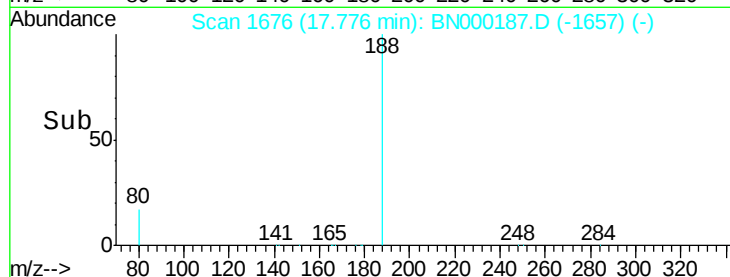
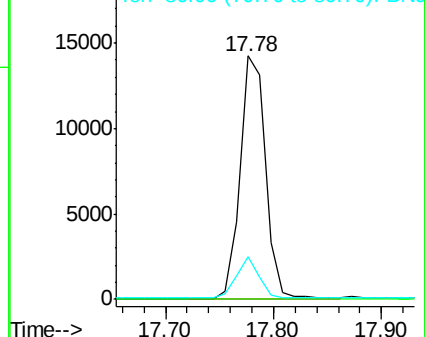
80 17.5 3.6 5.4#



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



#20

4-Bromophenyl-phenylether

Concen: 0.390 ng

RT: 16.97 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

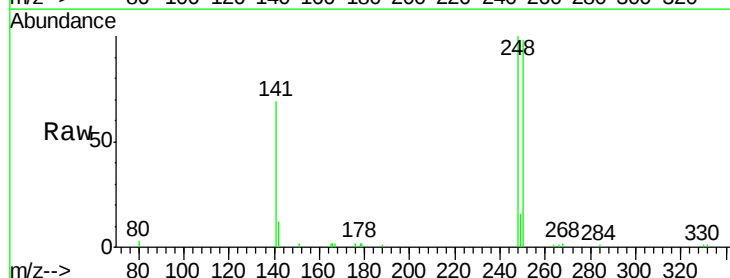
Tgt Ion:248 Resp: 5196

Ion Ratio Lower Upper

248 100

250 98.1 62.7 94.1#

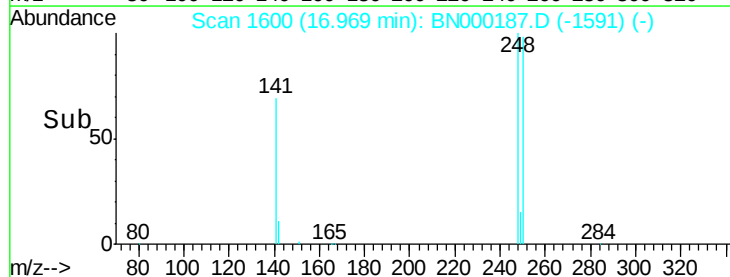
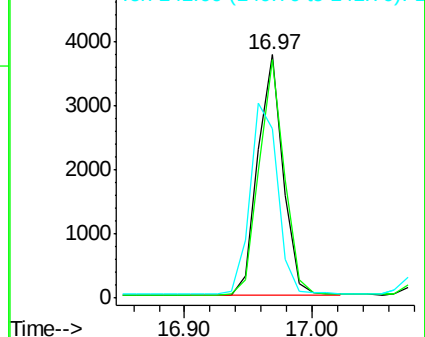
141 69.4 48.2 72.2

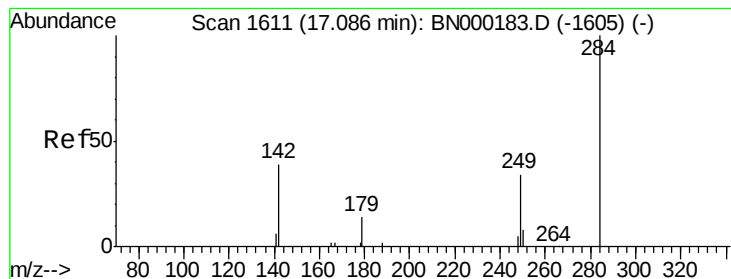


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.400 ng

RT: 17.10 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_N

ClientSampleId :

ICVBE022718

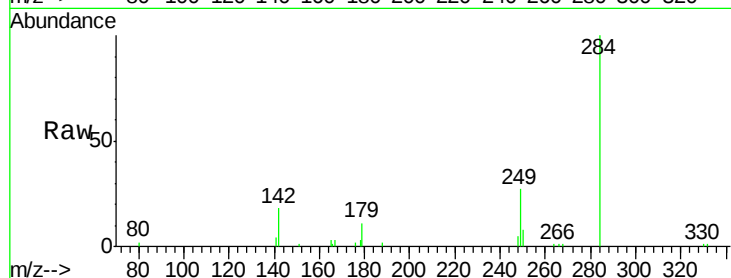
Tgt Ion:284 Resp: 7132

Ion Ratio Lower Upper

284 100

142 42.4 32.0 48.0

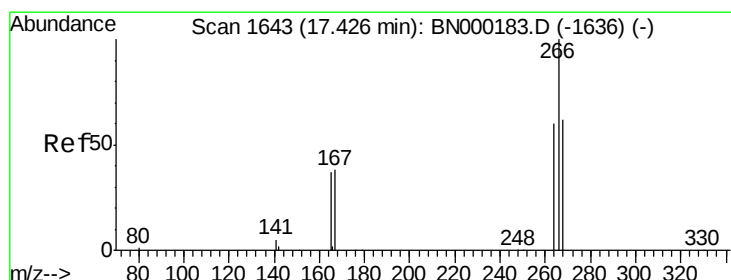
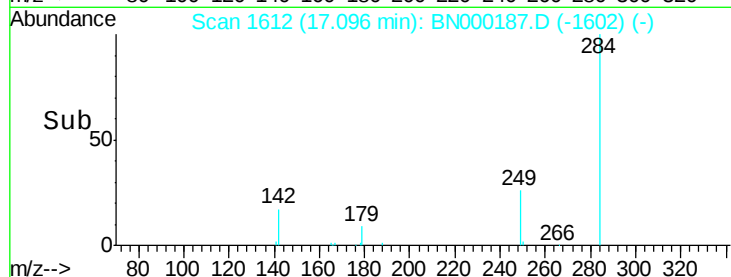
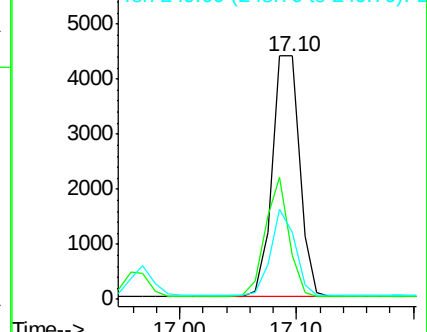
249 31.7 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.380 ng

RT: 17.43 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

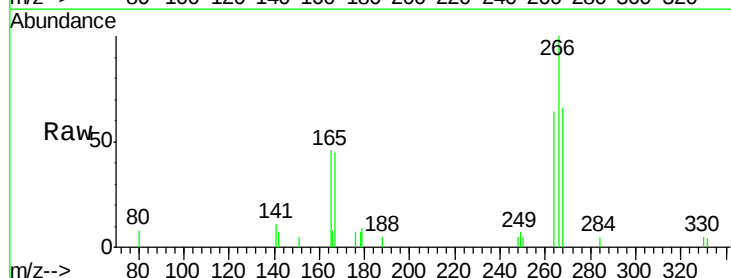
Tgt Ion:266 Resp: 1587

Ion Ratio Lower Upper

266 100

264 63.8 48.0 72.0

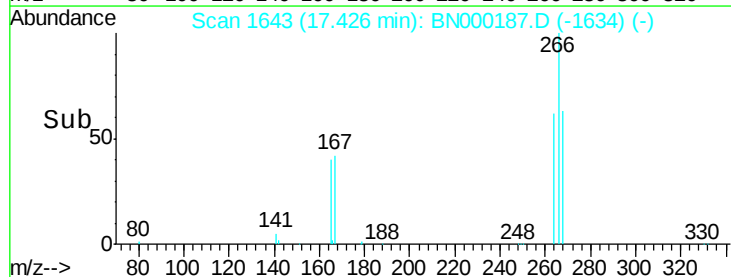
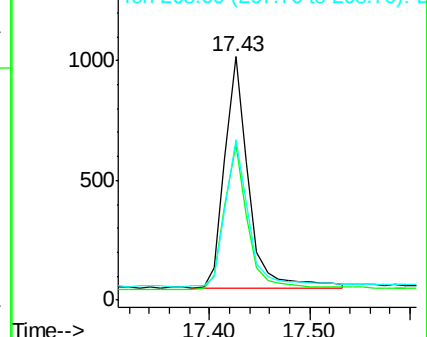
268 66.0 52.0 78.0



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





#23

Phenanthrene

Concen: 0.395 ng

RT: 17.82 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_N

ClientSampleId :

ICVBE022718

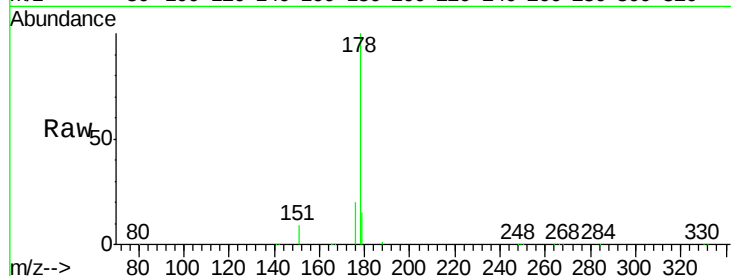
Tgt Ion:178 Resp: 32120

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

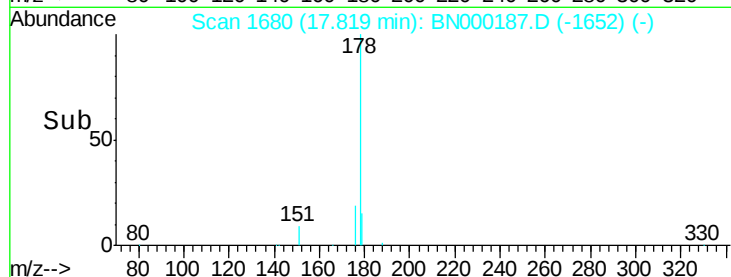
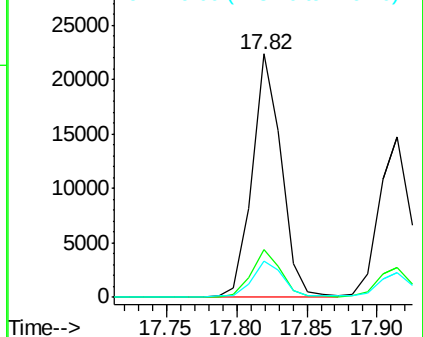
179 15.4 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.378 ng

RT: 17.91 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

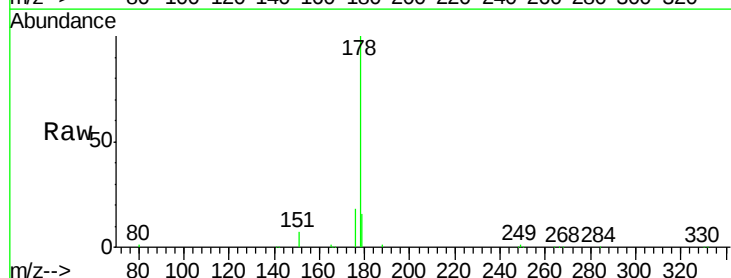
Tgt Ion:178 Resp: 23295

Ion Ratio Lower Upper

178 100

176 18.6 12.8 19.2

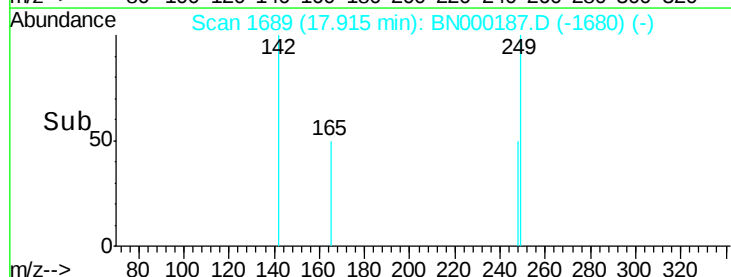
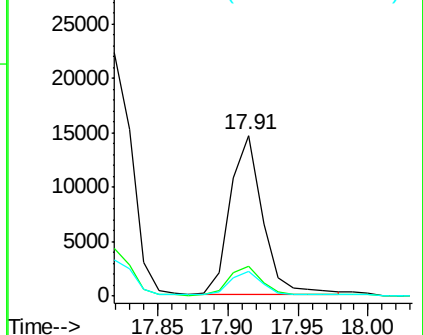
179 15.3 13.0 19.6

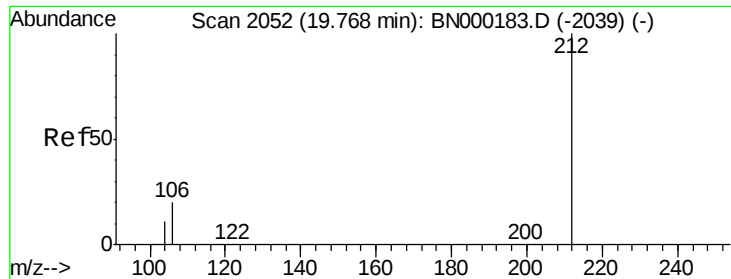


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

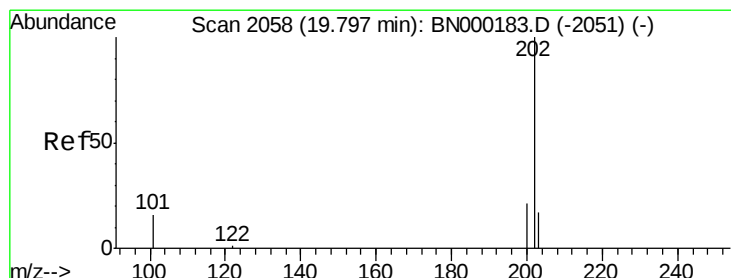
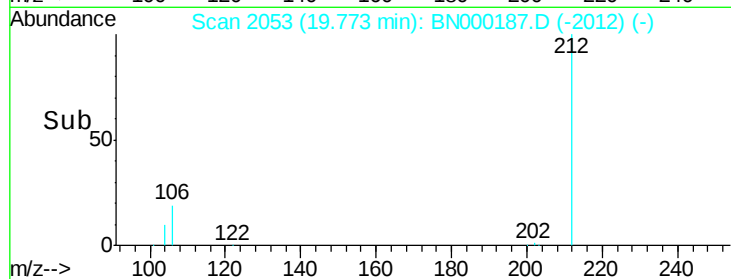
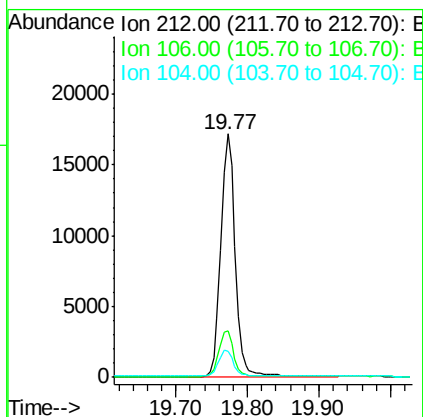
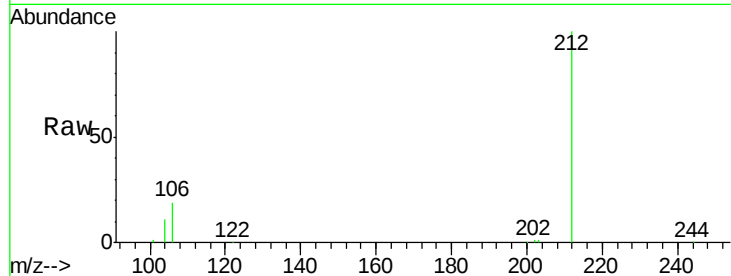




#25
 Fluoranthene-d10
 Concen: 0.387 ng
 RT: 19.77 min Scan# 2053
 Delta R.T. 0.00 min
 Lab File: BN000187.D
 Acq: 27 Feb 2018 12:42

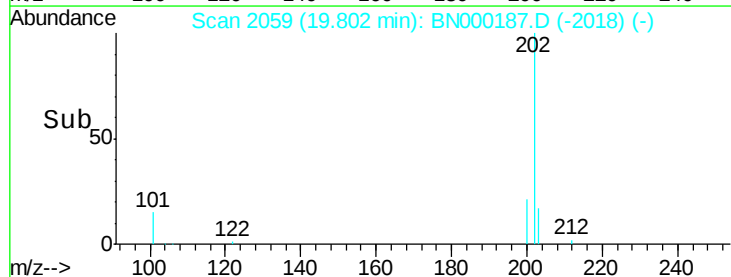
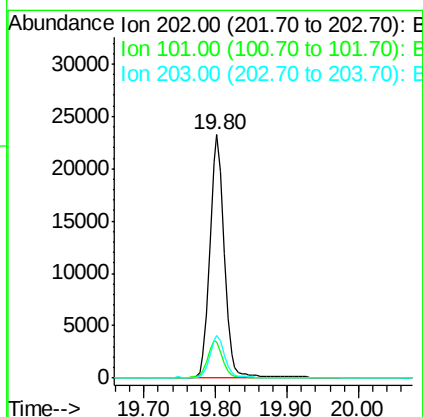
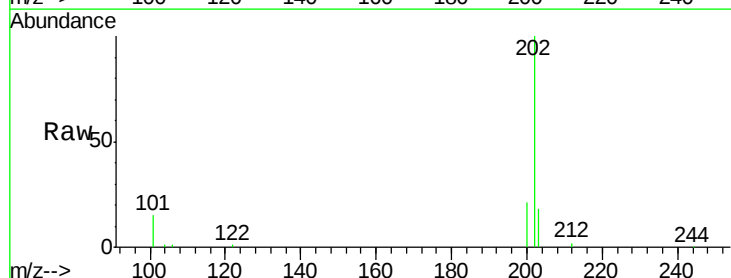
Instrument :
 BNA_N
 ClientSampleId :
 ICVBE022718

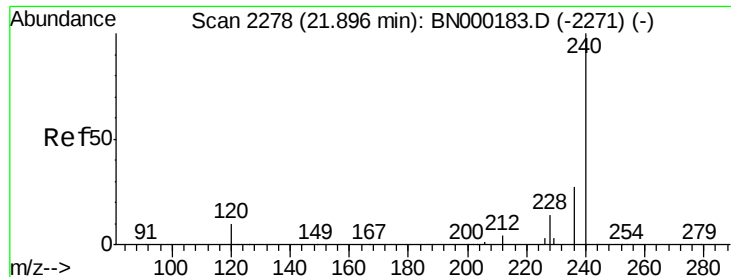
Tgt Ion: 212 Resp: 23898
 Ion Ratio Lower Upper
 212 100
 106 19.0 2.8 4.2#
 104 10.7 1.6 2.4#



#26
 Fluoranthene
 Concen: 0.382 ng
 RT: 19.80 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BN000187.D
 Acq: 27 Feb 2018 12:42

Tgt Ion: 202 Resp: 32255
 Ion Ratio Lower Upper
 202 100
 101 15.5 9.8 14.8#
 203 16.9 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.90 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_N

ClientSampleId :

ICVBE022718

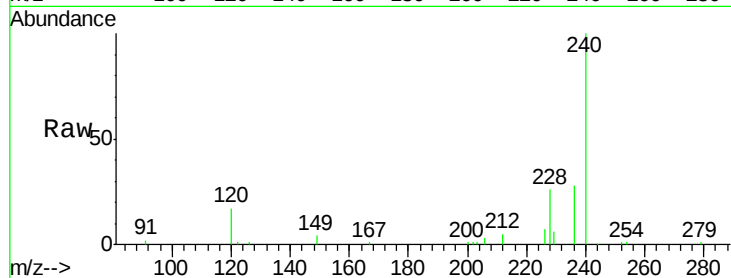
Tgt Ion:240 Resp: 20895

Ion Ratio Lower Upper

240 100

120 17.0 5.5 8.3#

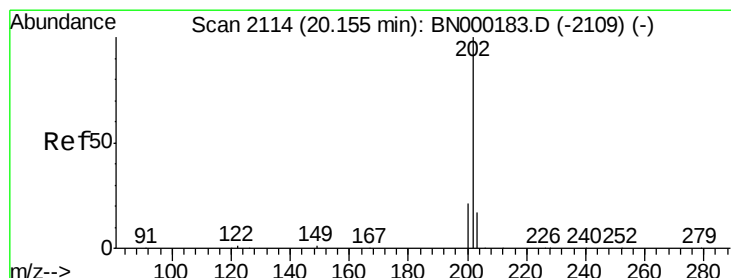
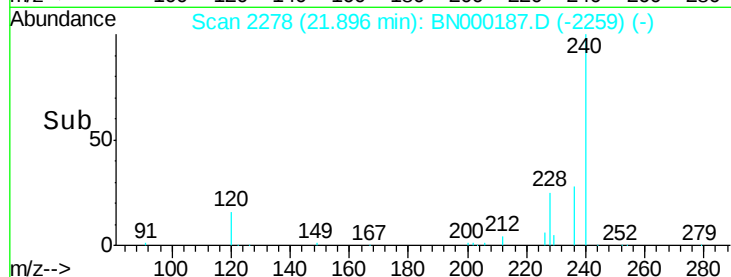
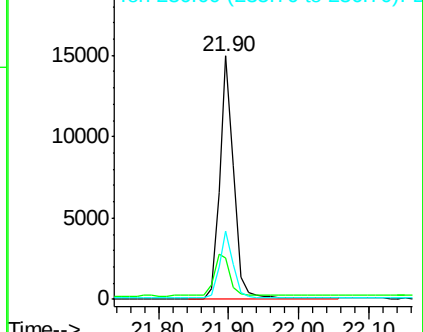
236 28.1 20.7 31.1



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



#28

Pyrene

Concen: 0.402 ng

RT: 20.15 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

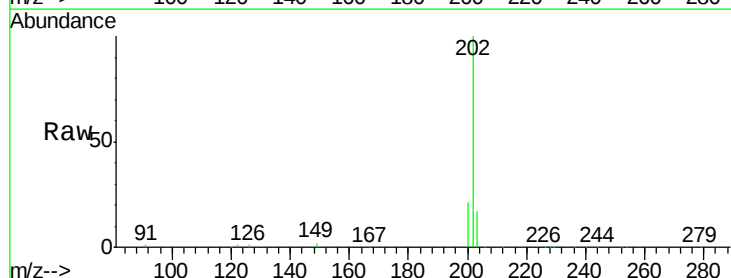
Tgt Ion:202 Resp: 32946

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

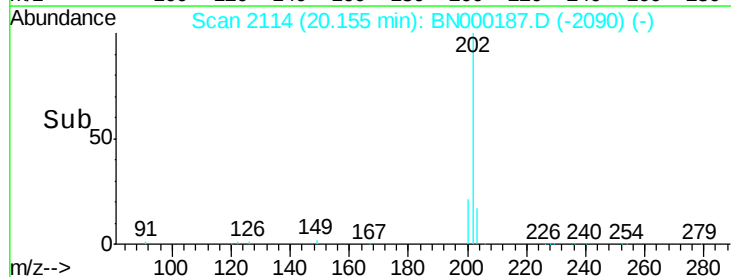
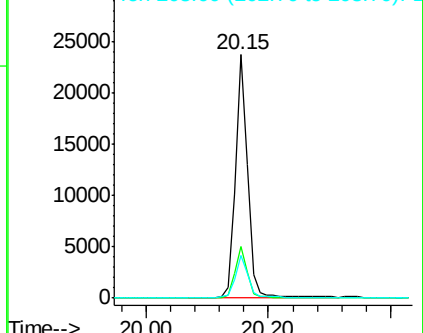
203 17.3 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.411 ng

RT: 20.35 min Scan# 2132

Delta R.T. 0.01 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_N

ClientSampleId :

ICVBE022718

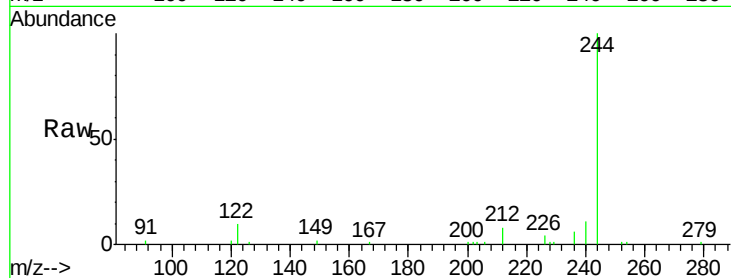
Tgt Ion:244 Resp: 15091

Ion Ratio Lower Upper

244 100

212 7.9 25.4 38.0#

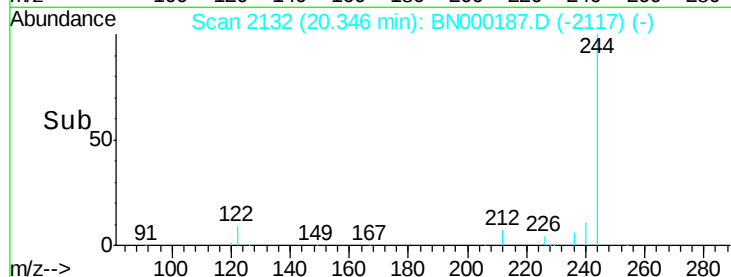
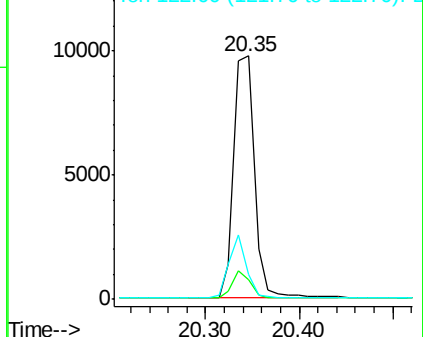
122 9.9 8.1 12.1



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



#30

Benzo(a)anthracene

Concen: 0.382 ng

RT: 21.88 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

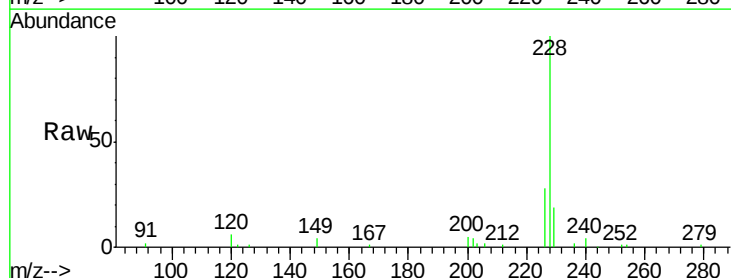
Tgt Ion:228 Resp: 25161

Ion Ratio Lower Upper

228 100

226 28.1 24.0 36.0

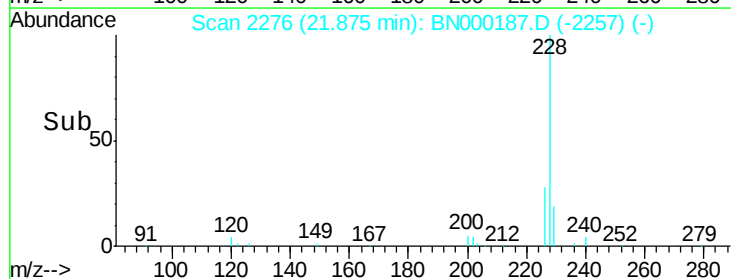
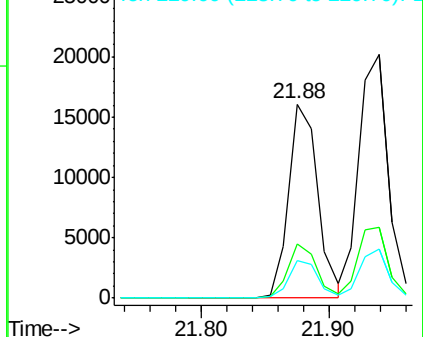
229 19.1 16.0 24.0

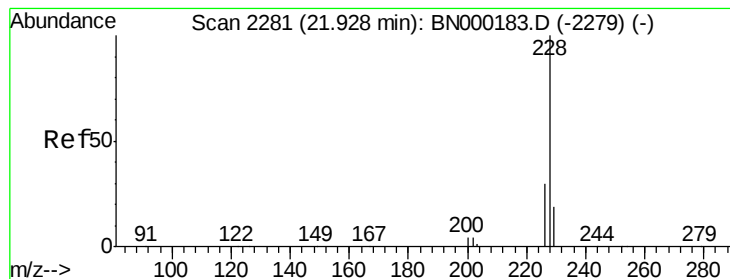


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.413 ng

RT: 21.94 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_N

ClientSampleId :

ICVBE022718

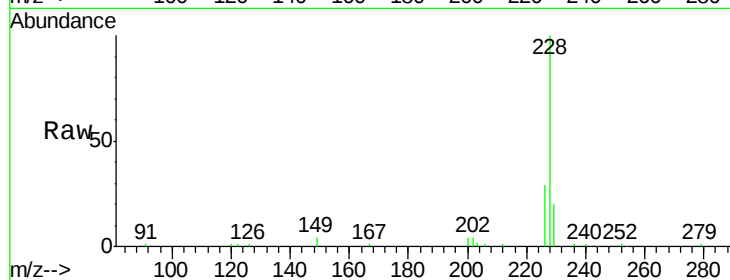
Tgt Ion:228 Resp: 31783

Ion Ratio Lower Upper

228 100

226 29.3 24.0 36.0

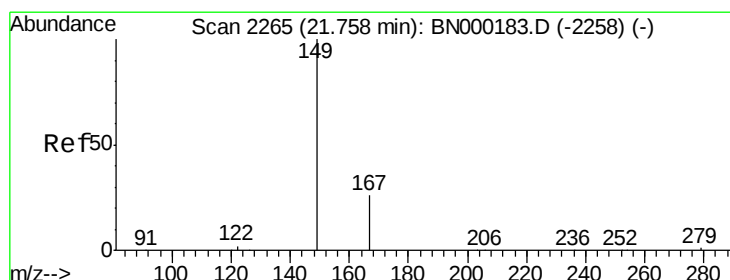
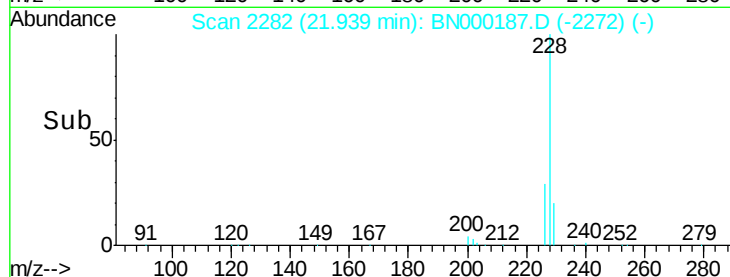
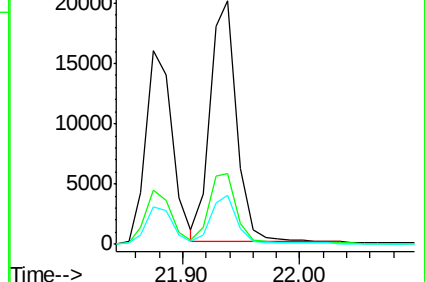
229 20.1 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.375 ng

RT: 21.77 min Scan# 2266

Delta R.T. 0.01 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

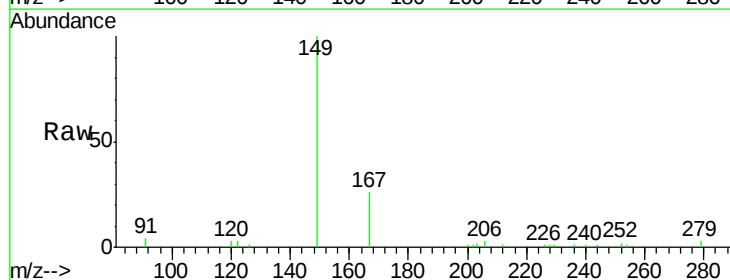
Tgt Ion:149 Resp: 9196

Ion Ratio Lower Upper

149 100

167 26.1 20.0 30.0

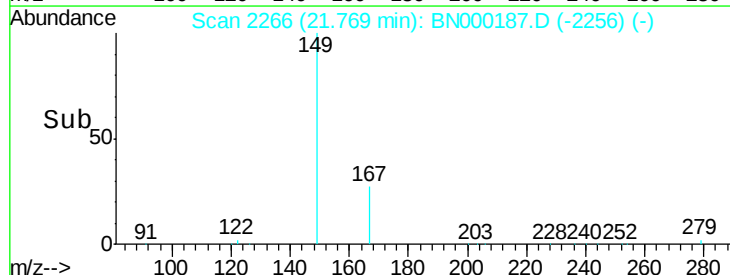
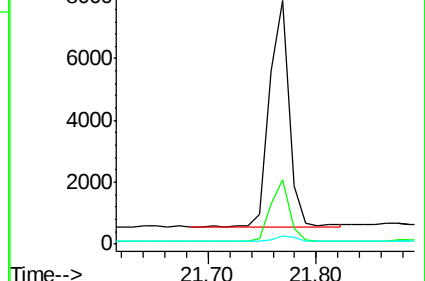
279 2.3 1.6 2.4



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





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.435 ng

RT: 26.93 min Scan# 3647

Delta R.T. 0.01 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_N

ClientSampleId :

ICVBE022718

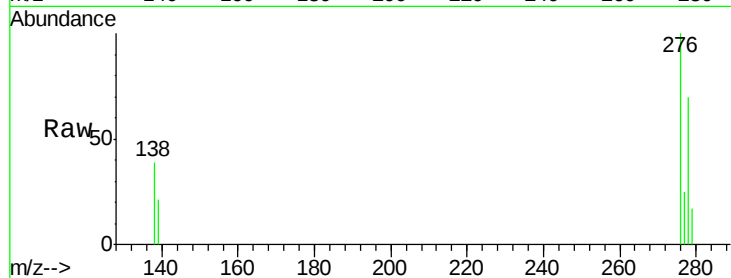
Tgt Ion:276 Resp: 31233

Ion Ratio Lower Upper

276 100

138 38.6 22.5 33.7#

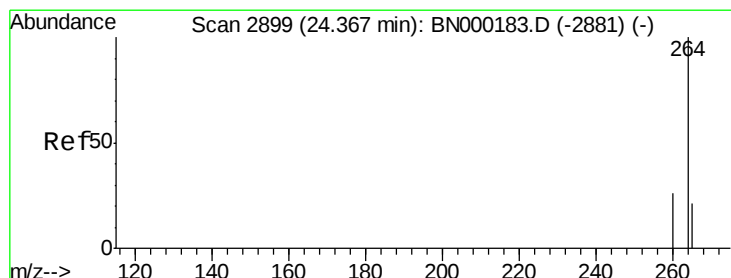
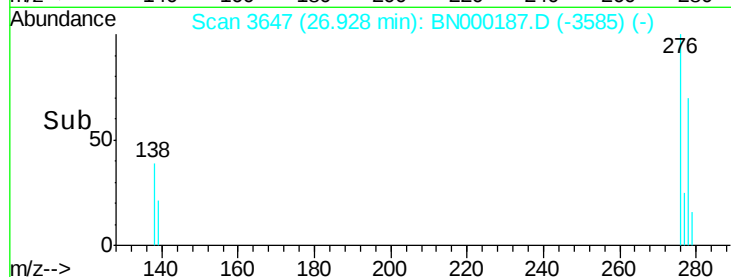
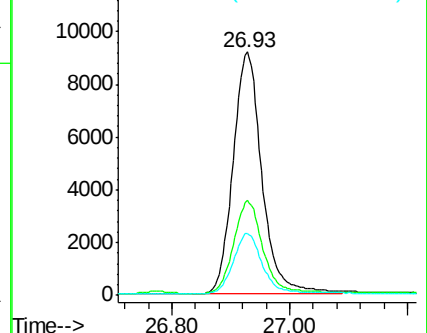
277 25.1 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.37 min Scan# 2901

Delta R.T. 0.01 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

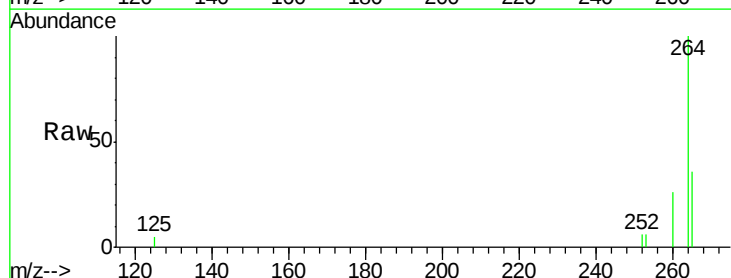
Tgt Ion:264 Resp: 17656

Ion Ratio Lower Upper

264 100

260 26.3 20.5 30.7

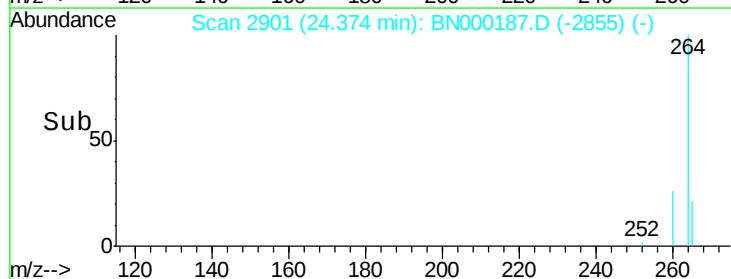
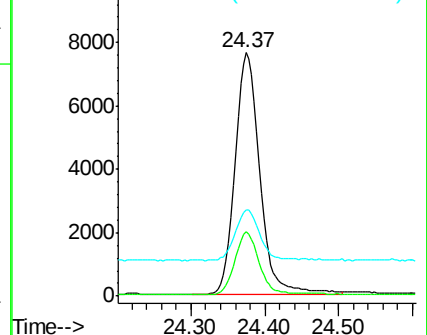
265 35.5 22.8 34.2#



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





#35

Benzo(b)fluoranthene

Concen: 0.405 ng

RT: 23.62 min Scan# 2680

Delta R.T. 0.01 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_N

ClientSampleId :

ICVBE022718

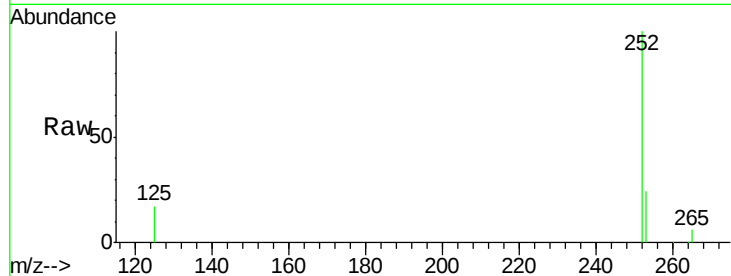
Tgt Ion:252 Resp: 32646

Ion Ratio Lower Upper

252 100

253 23.7 20.0 30.0

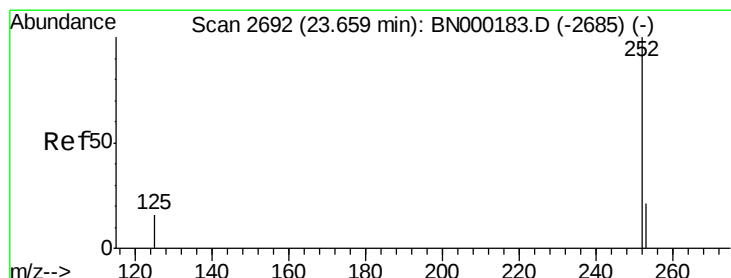
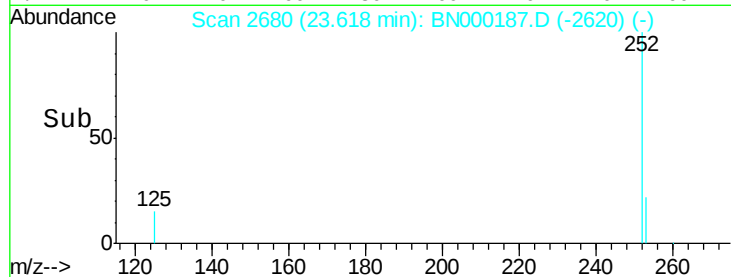
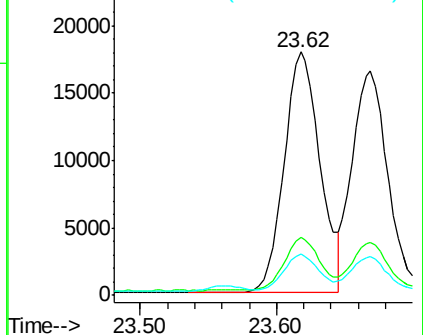
125 16.8 16.0 24.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.391 ng

RT: 23.67 min Scan# 2695

Delta R.T. 0.01 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

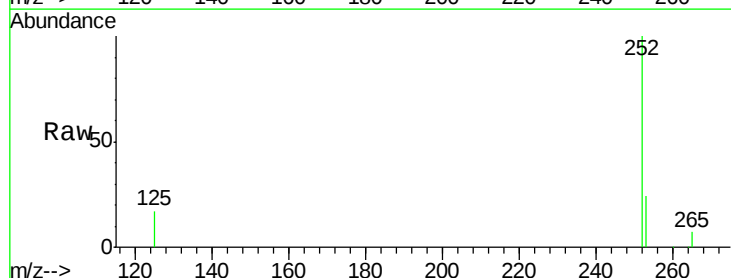
Tgt Ion:252 Resp: 30802

Ion Ratio Lower Upper

252 100

253 23.6 16.0 24.0

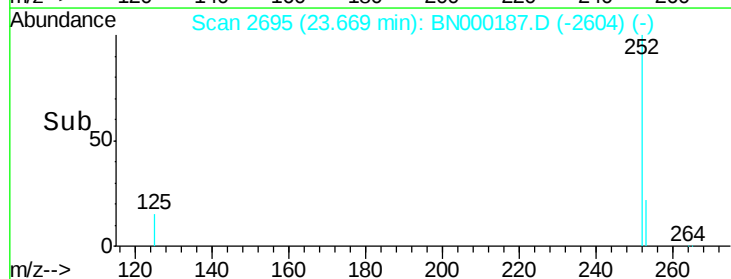
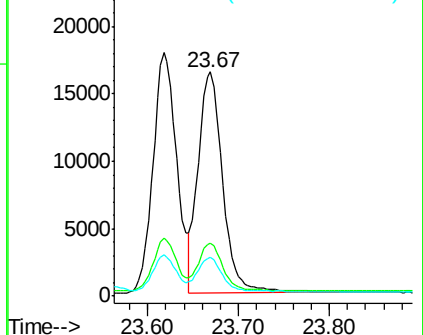
125 17.2 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.396 ng

RT: 24.26 min Scan# 2869

Delta R.T. 0.01 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_N

ClientSampleId :

ICVBE022718

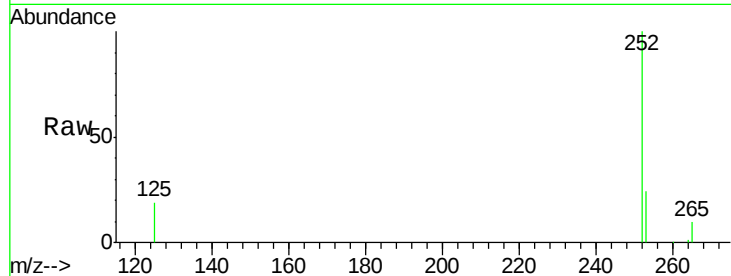
Tgt Ion:252 Resp: 26004

Ion Ratio Lower Upper

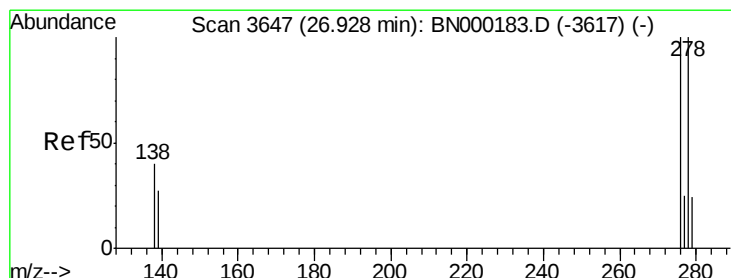
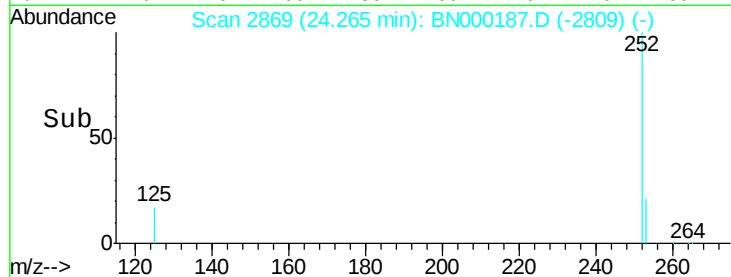
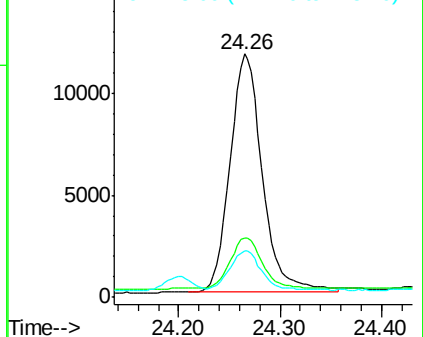
252 100

253 24.1 16.0 24.0#

125 19.2 12.0 18.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.429 ng

RT: 26.94 min Scan# 3650

Delta R.T. 0.01 min

Lab File: BN000187.D

Acq: 27 Feb 2018 12:42

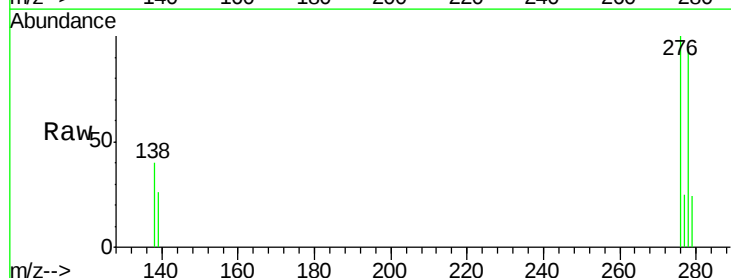
Tgt Ion:278 Resp: 25087

Ion Ratio Lower Upper

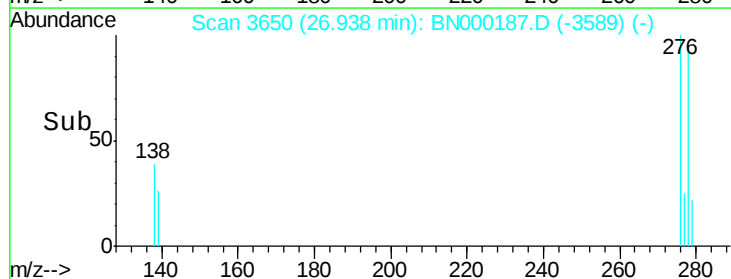
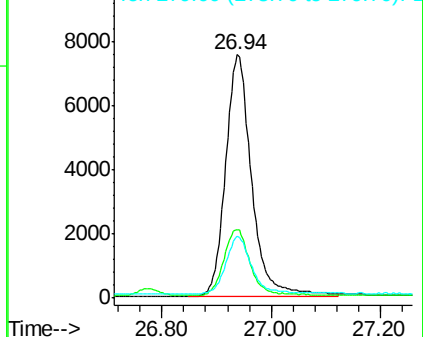
278 100

139 28.2 16.0 24.0#

279 25.2 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.397 ng

RT: 27.71 min Scan# 3876

Delta R.T. 0.01 min

Lab File: BN000187.D

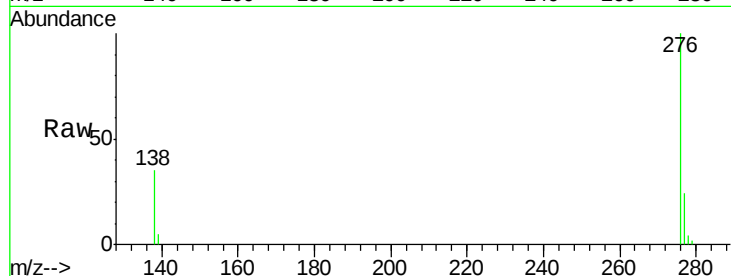
Acq: 27 Feb 2018 12:42

Instrument :

BNA_N

ClientSampleId :

ICVBE022718



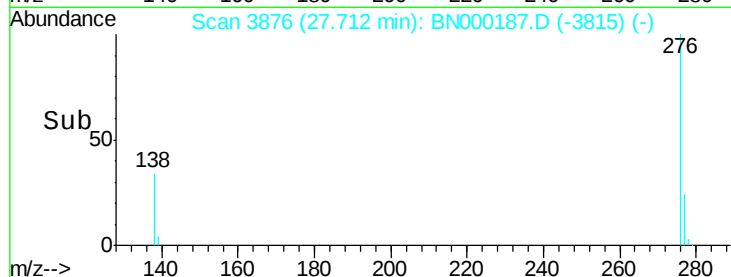
Tgt Ion: 276 Resp: 27418

Ion Ratio Lower Upper

276 100

277 24.2 16.0 24.0#

138 34.7 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

