

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
 Data File : BN006688.D
 Acq On : 02 Jul 2019 11:52
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 02 17:07:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 02 17:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4539	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	17616	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	9730	0.40	ng	0.00
19) Phenanthrene-d10	17.03	188	22412	0.40	ng	0.00
27) Chrysene-d12	21.27	240	23606	0.40	ng	0.01
34) Perylene-d12	23.51	264	27639	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	5654	0.51	ng	0.00
5) Phenol-d6	6.81	99	6757	0.46	ng	-0.02
8) Nitrobenzene-d5	8.77	82	5699	0.48	ng	-0.03
11) 2-Methylnaphthalene-d10	11.99	152	11156	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	2891	0.63	ng	-0.01
15) 2-Fluorobiphenyl	12.87	172	15797	0.44	ng	-0.01
25) Fluoranthene-d10	19.07	212	29153	0.44	ng	0.00
29) Terphenyl-d14	19.68	244	22755	0.46	ng	0.00

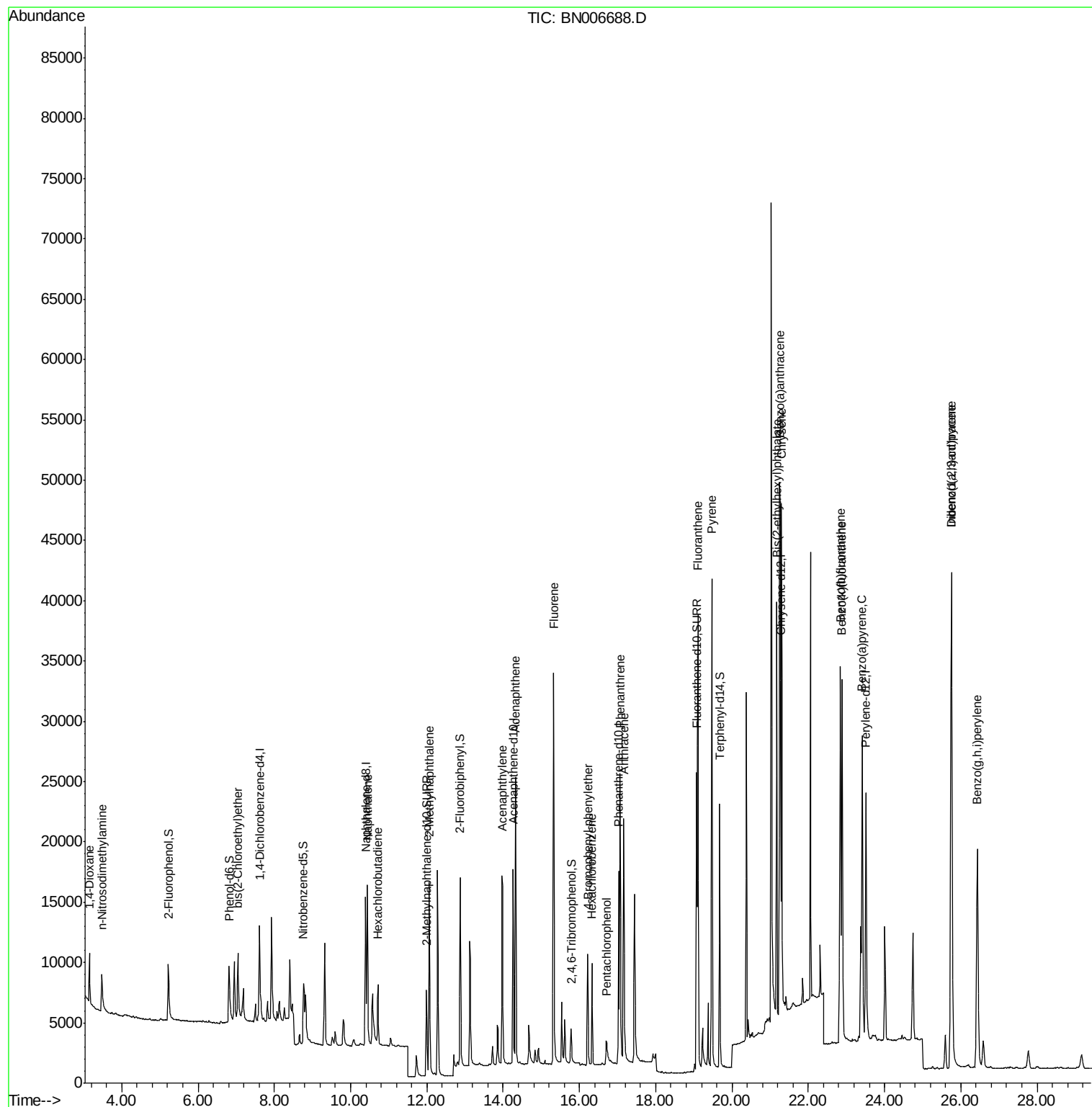
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	2725	0.434	ng	96
3) n-Nitrosodimethylamine	3.48	42	2577	0.522	ng	# 95
6) bis(2-Chloroethyl)ether	7.05	93	5907	0.449	ng	94
9) Naphthalene	10.44	128	19306	0.417	ng	99
10) Hexachlorobutadiene	10.72	225	4091	0.430	ng	# 100
12) 2-Methylnaphthalene	12.07	142	13105	0.410	ng	98
16) Acenaphthylene	13.98	152	19852	0.428	ng	100
17) Acenaphthene	14.32	154	12866	0.421	ng	98
18) Fluorene	15.32	166	16151	0.419	ng	100
20) 4-Bromophenyl-phenylether	16.22	248	5489	0.442	ng	92
21) Hexachlorobenzene	16.33	284	6475	0.413	ng	99
22) Pentachlorophenol	16.71	266	1839	0.735	ng	87
23) Phenanthrene	17.07	178	26701	0.419	ng	100
24) Anthracene	17.16	178	24776	0.448	ng	99
26) Fluoranthene	19.11	202	35227	0.455	ng	100
28) Pyrene	19.47	202	37563	0.455	ng	99
30) Benzo(a)anthracene	21.25	228	36589	0.474	ng	99
31) Chrysene	21.30	228	36606	0.440	ng	99
32) Bis(2-ethylhexyl)phthalate	21.17	149	31024	0.799	ng	98
33) Indeno(1,2,3-cd)pyrene	25.75	276	45924	0.545	ng	99
35) Benzo(b)fluoranthene	22.84	252	39504	0.420	ng	98
36) Benzo(k)fluoranthene	22.89	252	39583	0.395	ng	97
37) Benzo(a)pyrene	23.42	252	38086	0.433	ng	95
38) Dibenzo(a,h)anthracene	25.76	278	37329	0.486	ng	98
39) Benzo(g,h,i)perylene	26.44	276	37358	0.487	ng	98

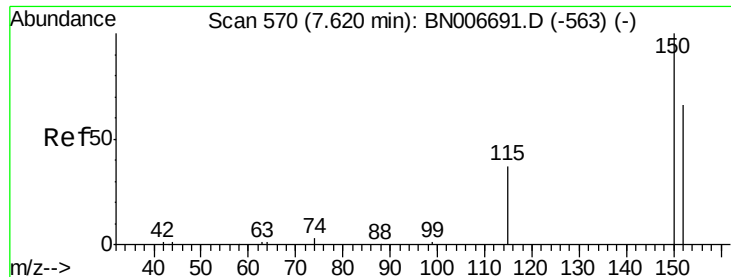
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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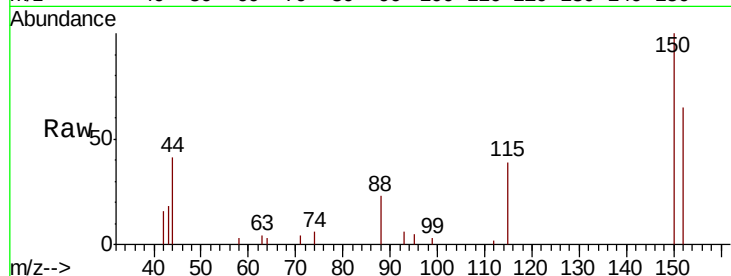


#1

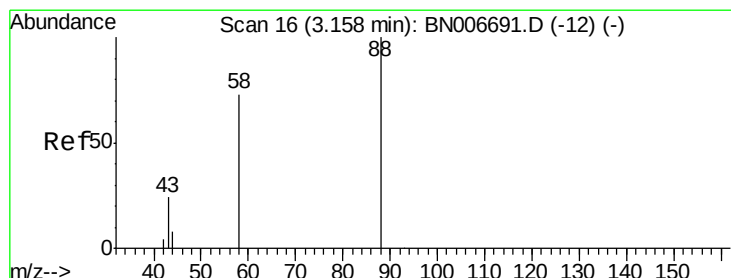
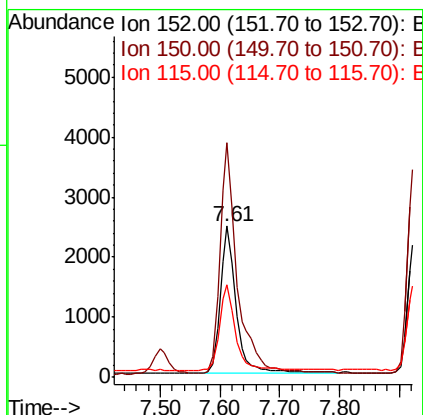
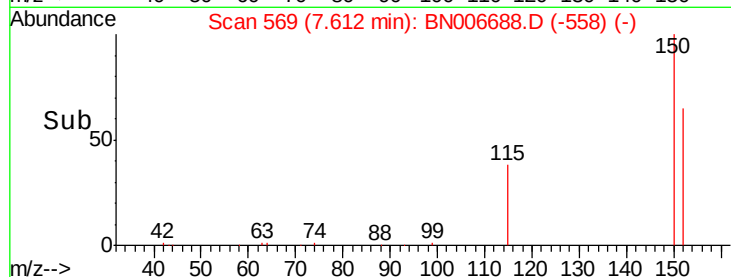
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 569
Delta R.T. -0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 4539
Ion Ratio Lower Upper
152 100
150 154.8 120.6 181.0
115 61.0 51.0 76.6



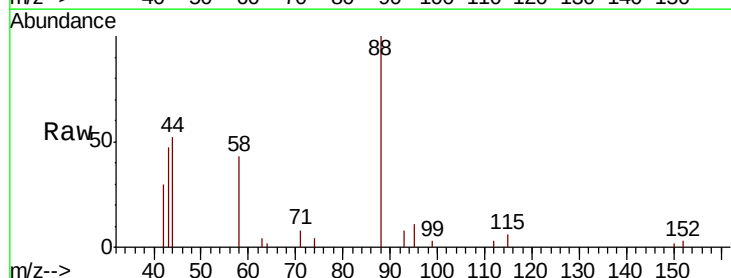
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



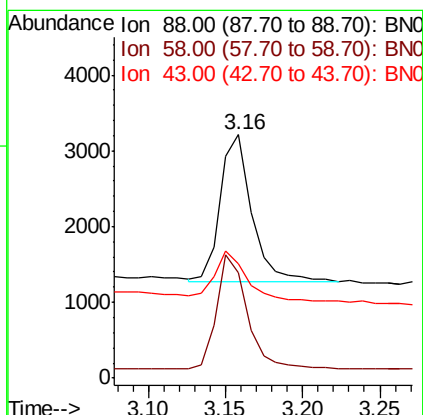
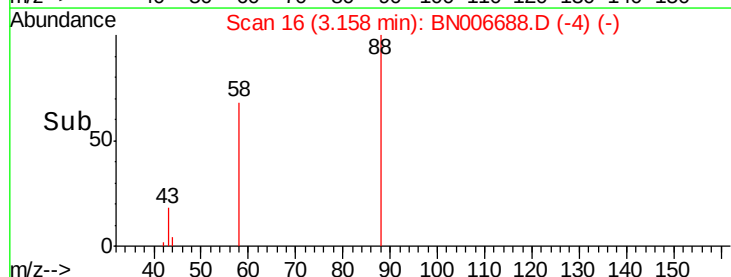
#2

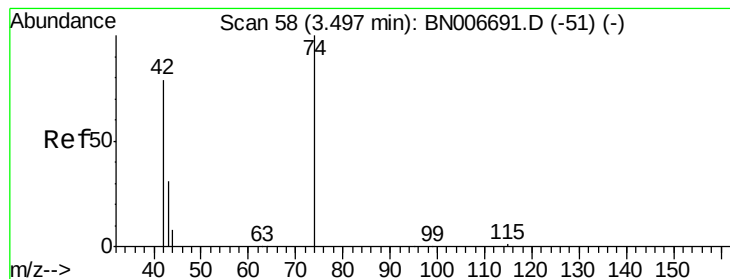
1,4-Dioxane
Concen: 0.434 ng
RT: 3.16 min Scan# 16
Delta R.T. -0.00 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion: 88 Resp: 2725
Ion Ratio Lower Upper
88 100
58 75.2 61.1 91.7
43 35.6 32.4 48.6



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: 0.522 ng

RT: 3.48 min Scan# 56

Delta R.T. -0.02 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

Instrument :

BNA_N

ClientSampled :

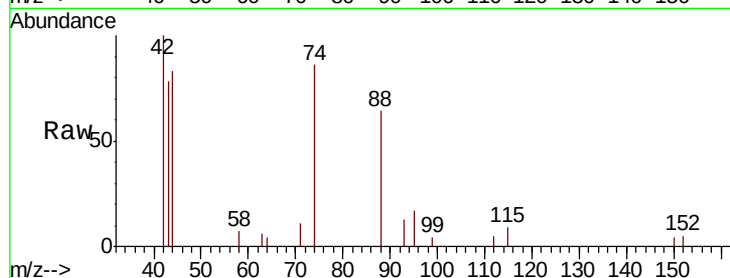
Tot Ion: 42 Resp: 2577

Ion Ratio Lower Upper

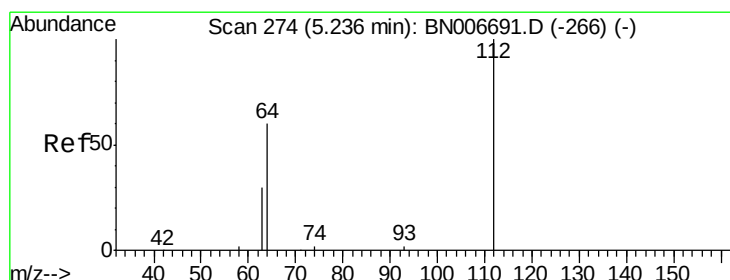
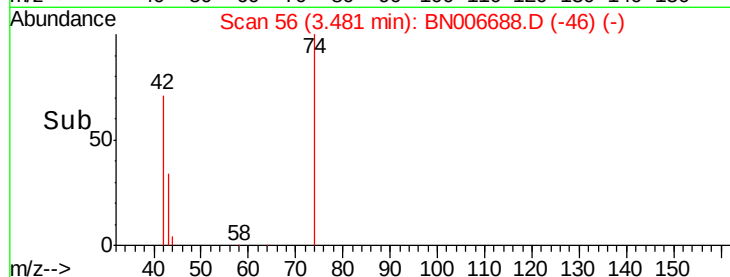
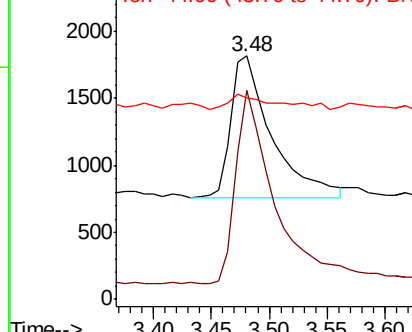
42 100

74 127.9 106.6 160.0

44 7.6 8.0 12.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.508 ng

RT: 5.23 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

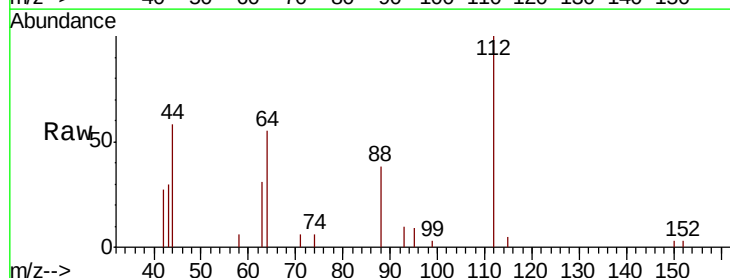
Tgt Ion: 112 Resp: 5654

Ion Ratio Lower Upper

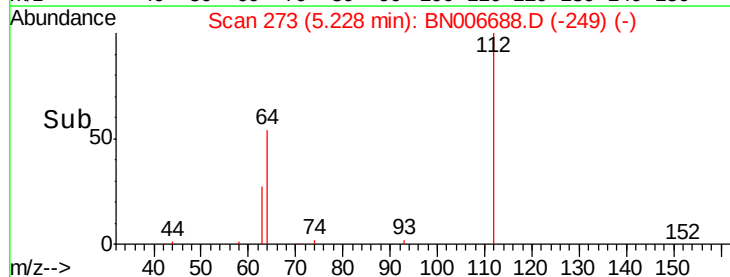
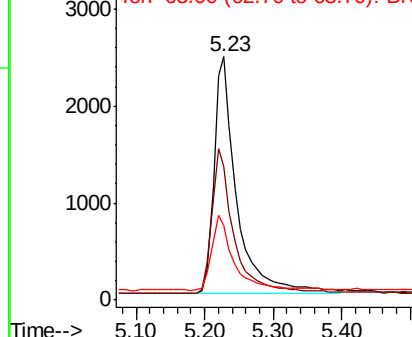
112 100

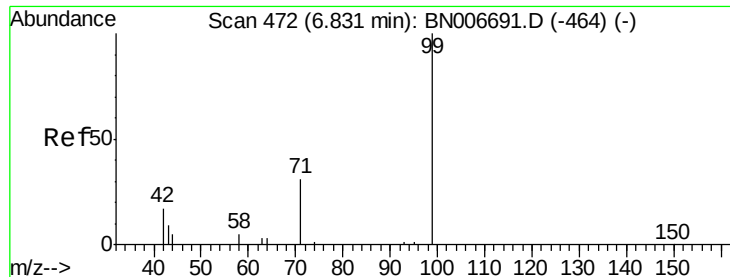
64 60.6 49.8 74.6

63 30.9 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.459 ng

RT: 6.81 min Scan# 470

Delta R.T. -0.02 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

Instrument :

BNA_N

ClientSampleId :

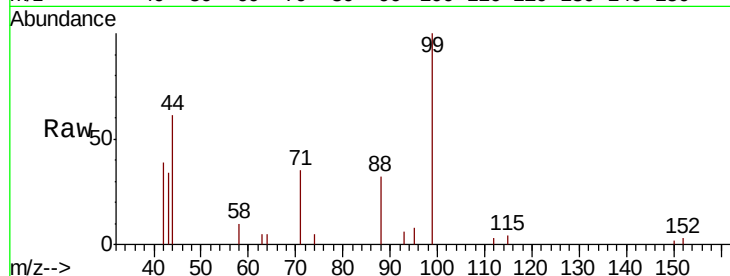
Tot Ion: 99 Resp: 6757

Ion Ratio Lower Upper

99 100

42 20.1 16.6 25.0

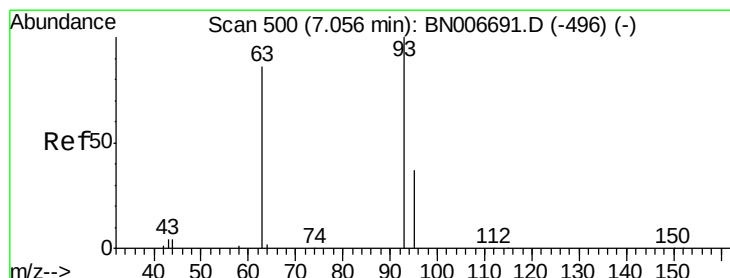
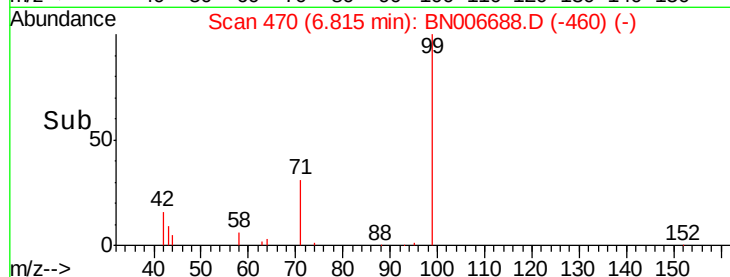
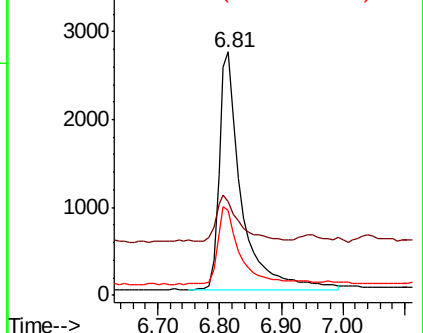
71 31.7 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006691.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006691.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006691.D (-464) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.449 ng

RT: 7.05 min Scan# 499

Delta R.T. -0.01 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

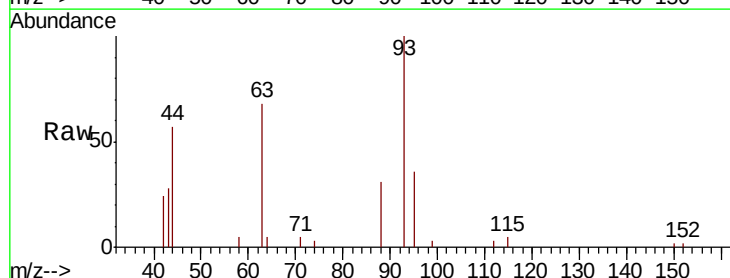
Tgt Ion: 93 Resp: 5907

Ion Ratio Lower Upper

93 100

63 69.7 58.6 87.8

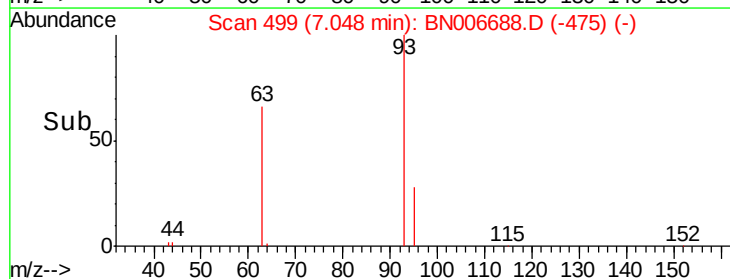
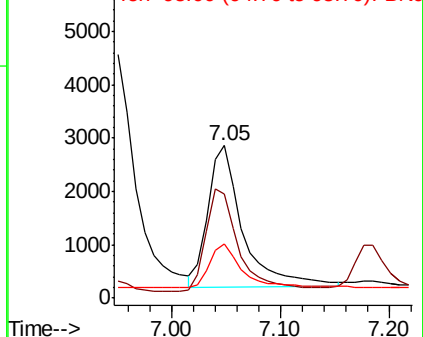
95 30.5 28.3 42.5

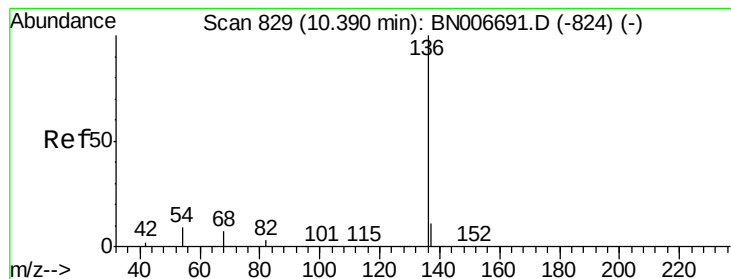


Abundance Ion 93.00 (92.70 to 93.70): BN006691.D (-496) (-)

Ion 63.00 (62.70 to 63.70): BN006691.D (-496) (-)

Ion 95.00 (94.70 to 95.70): BN006691.D (-496) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 829

Delta R.T. -0.00 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 17616

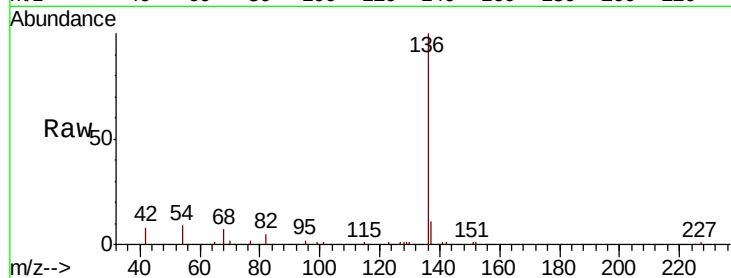
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 8.5 8.4 12.6

68 7.0 6.8 10.2

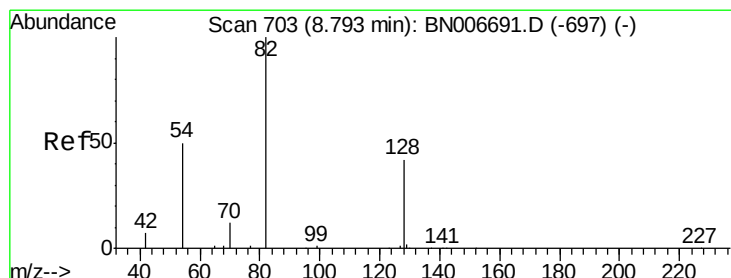
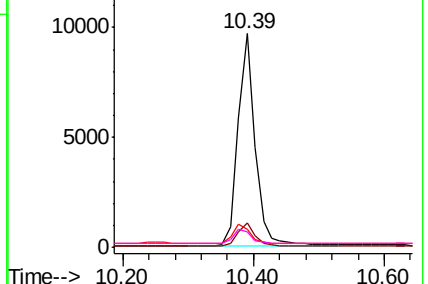
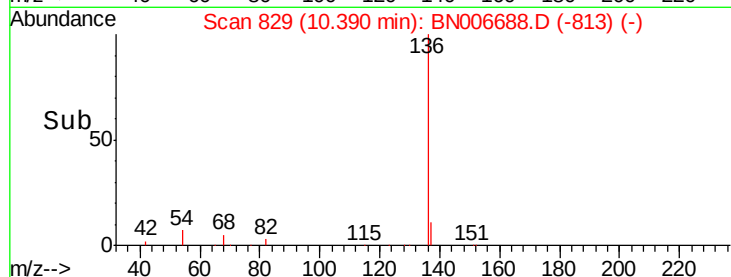


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.481 ng

RT: 8.77 min Scan# 701

Delta R.T. -0.03 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

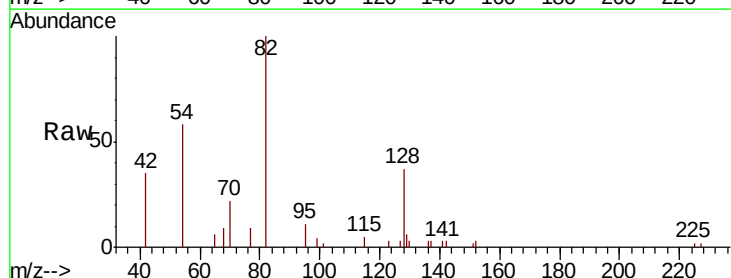
Tgt Ion: 82 Resp: 5699

Ion Ratio Lower Upper

82 100

128 36.8 36.1 54.1

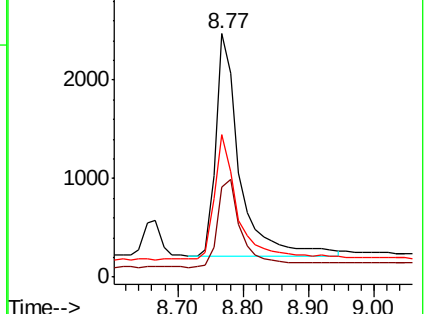
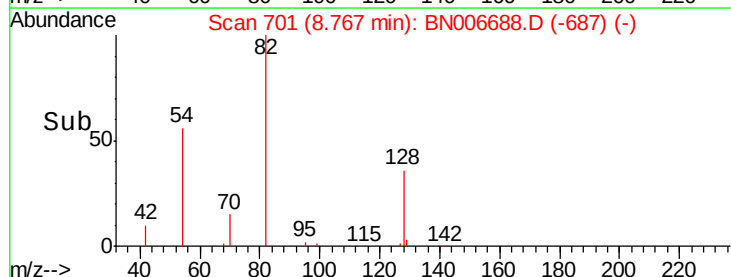
54 58.5 44.5 66.7

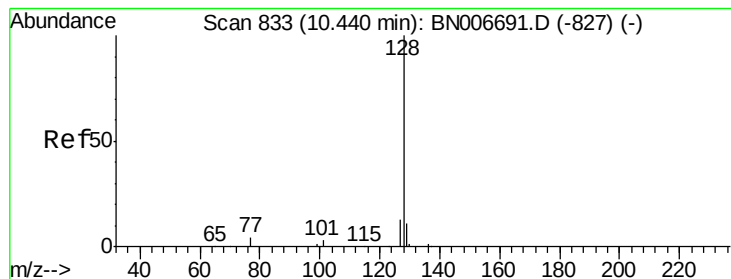


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.417 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.00 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

Instrument :

BNA_N

ClientSampleId :

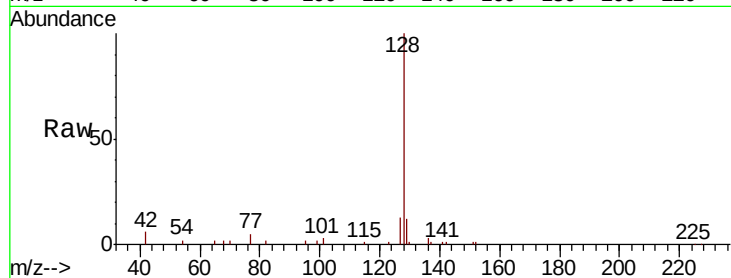
Tot Ion:128 Resp: 19306

Ion Ratio Lower Upper

128 100

129 11.7 9.6 14.4

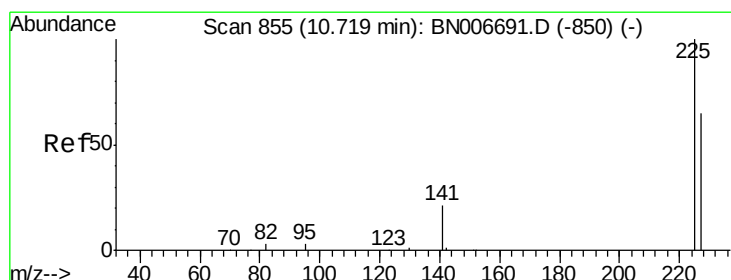
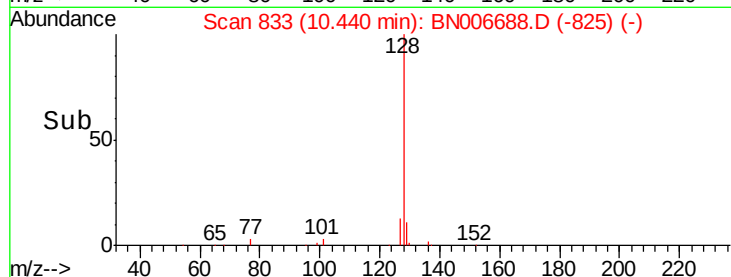
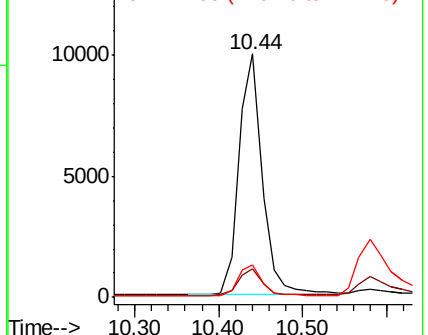
127 13.3 11.0 16.4



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: 0.430 ng

RT: 10.72 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

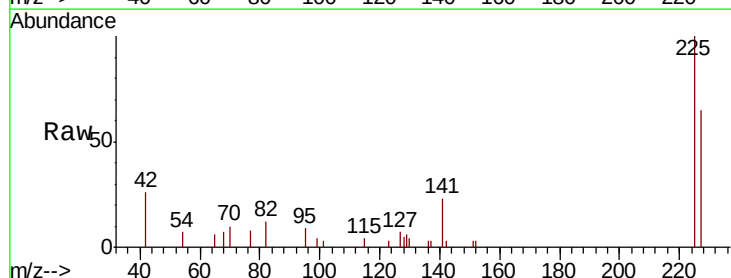
Tgt Ion:225 Resp: 4091

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

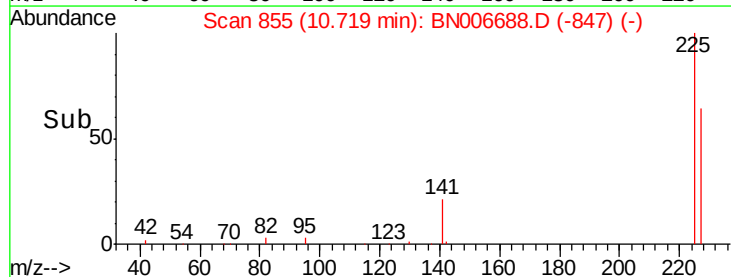
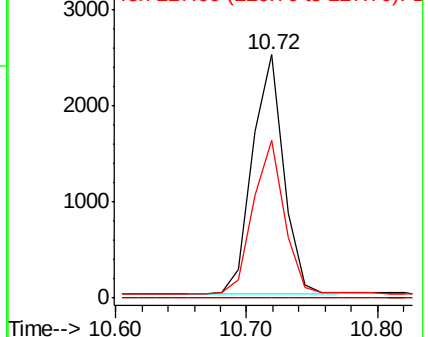
227 64.0 50.9 76.3

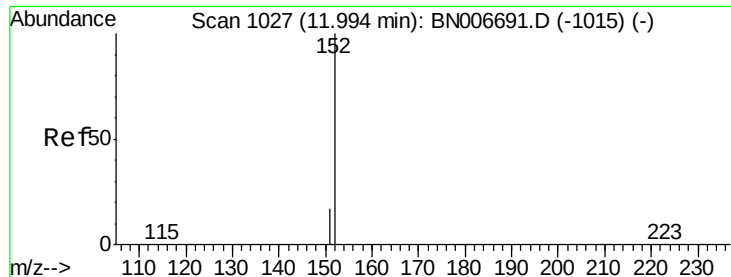


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

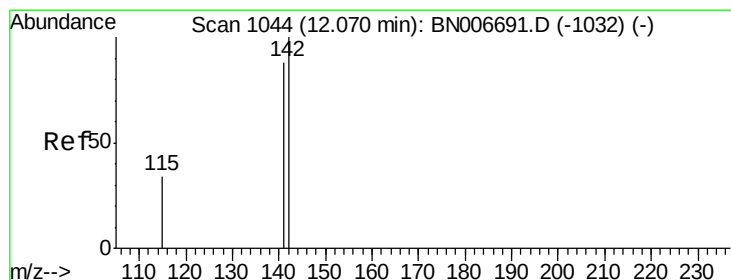
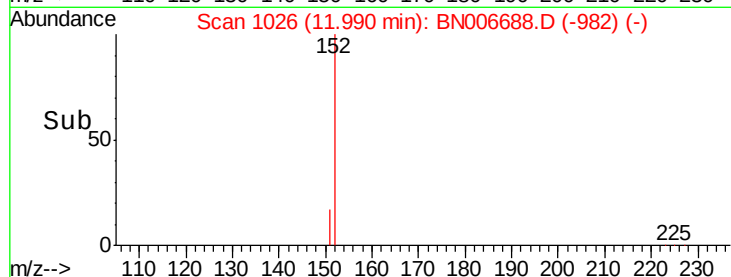
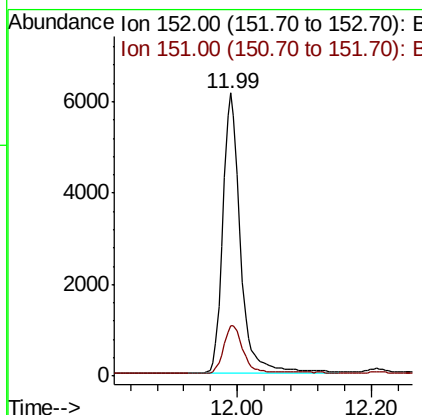
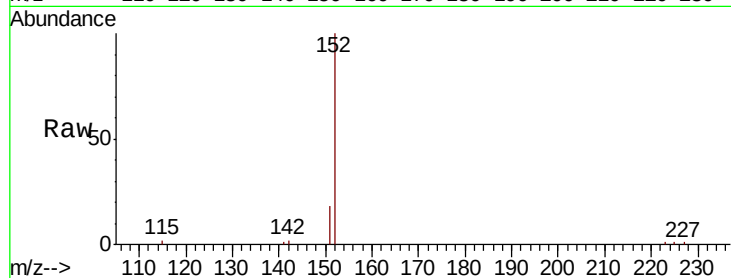




#11
 2-Methylnaphthalene-d10
 Concen: 0.402 ng
 RT: 11.99 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BN006688.D
 Acq: 02 Jul 2019 11:52

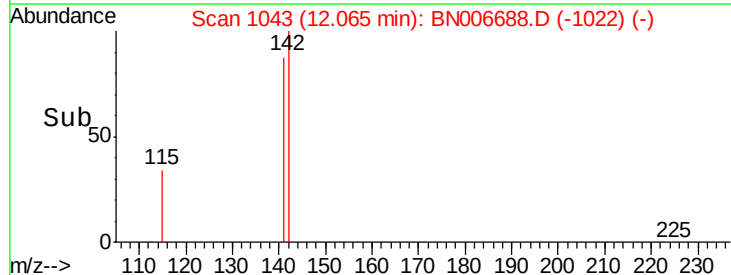
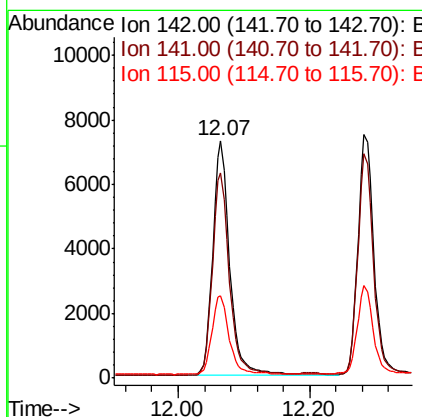
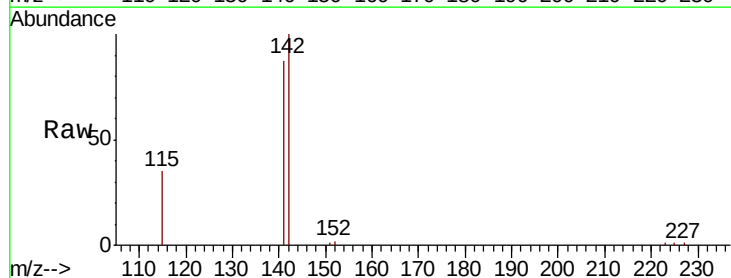
Instrument :
 BNA_N
 ClientSampleId :

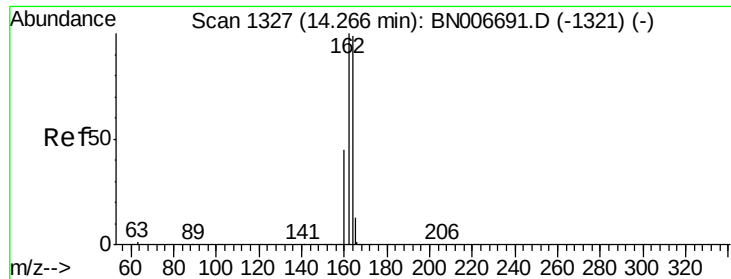
Tot Ion:152 Resp: 11156
 Ion Ratio Lower Upper
 152 100
 151 18.6 14.9 22.3



#12
 2-Methylnaphthalene
 Concen: 0.410 ng
 RT: 12.07 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BN006688.D
 Acq: 02 Jul 2019 11:52

Tgt Ion:142 Resp: 13105
 Ion Ratio Lower Upper
 142 100
 141 86.6 70.3 105.5
 115 34.7 28.9 43.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

Instrument :

BNA_N

ClientSampleId :

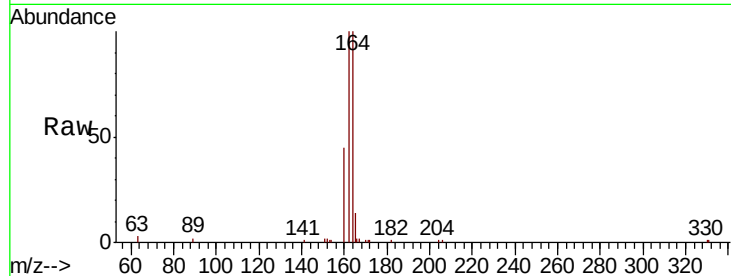
Tot Ion:164 Resp: 9730

Ion Ratio Lower Upper

164 100

162 100.4 80.8 121.2

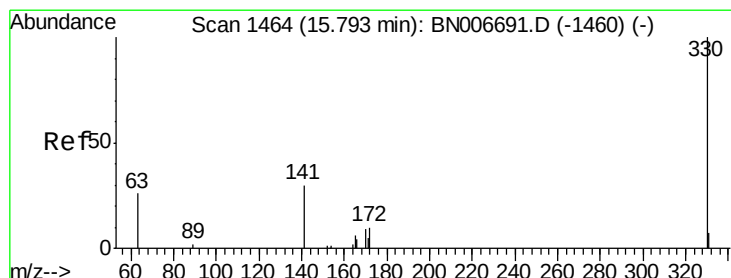
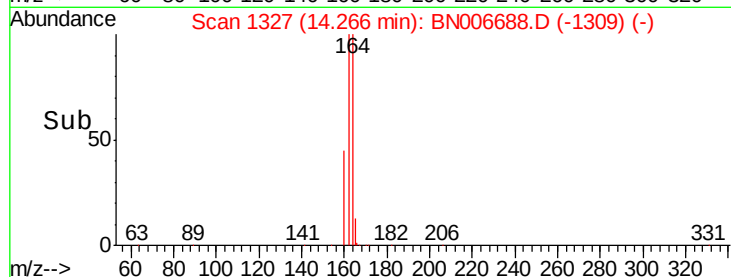
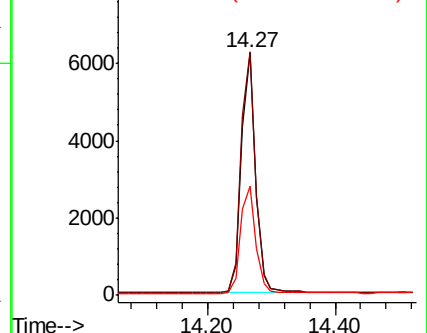
160 45.3 37.0 55.6



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: 0.631 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

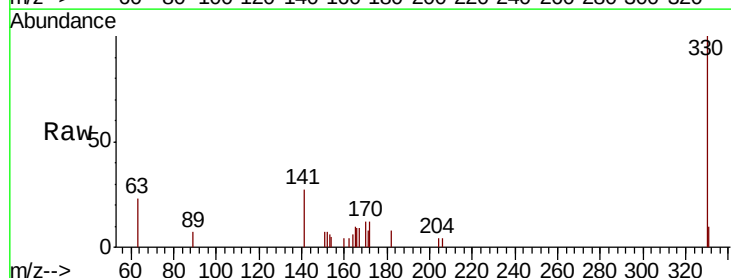
Tgt Ion:330 Resp: 2891

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

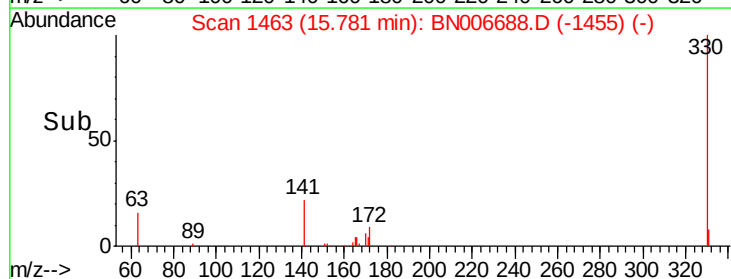
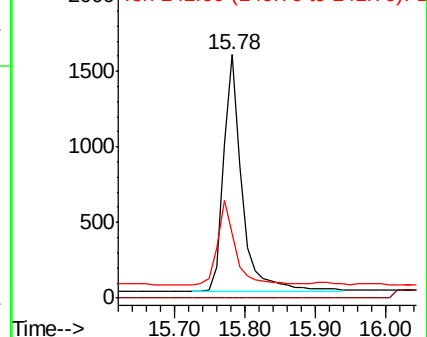
141 34.0 24.8 37.2

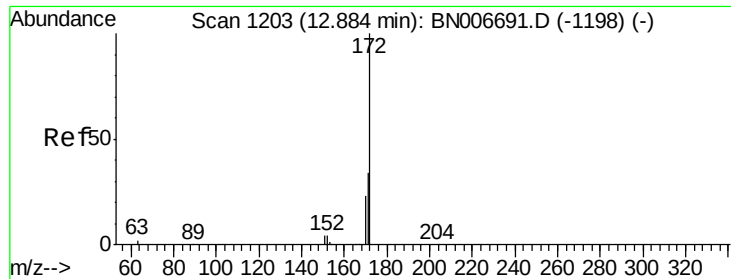


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

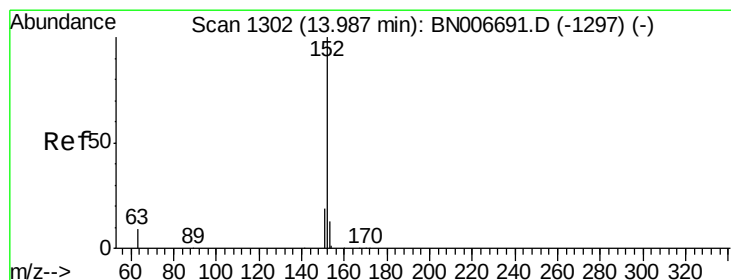
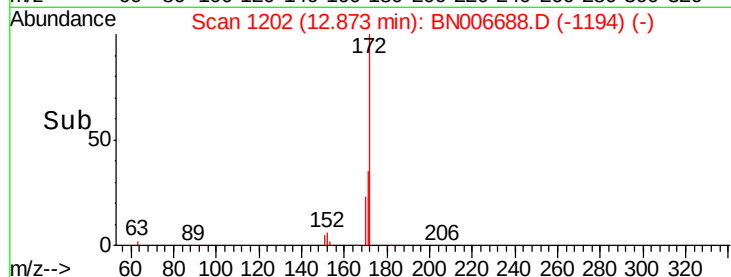
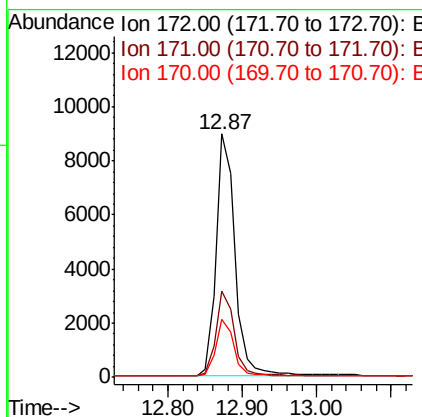
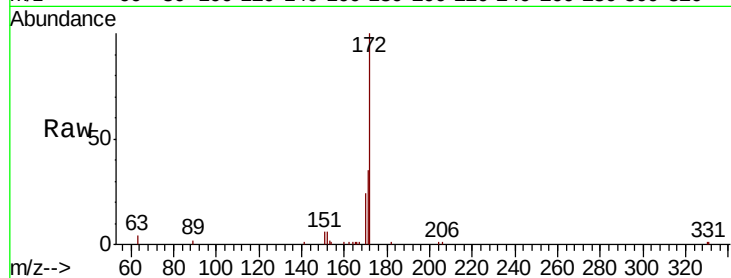




#15
2-Fluorobiphenyl
Concen: 0.438 ng
RT: 12.87 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

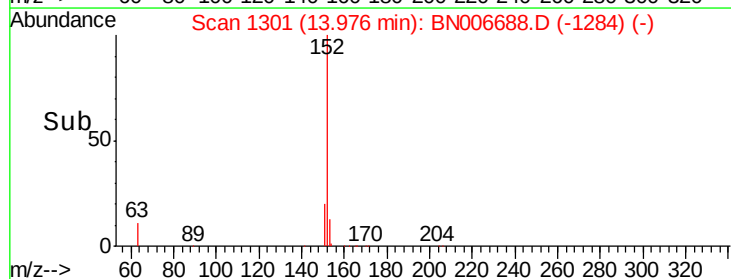
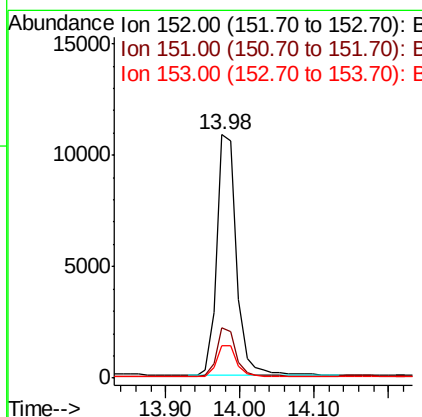
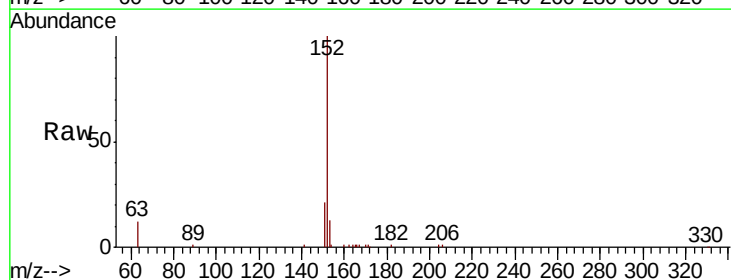
Instrument :
BNA_N
ClientSampleId :

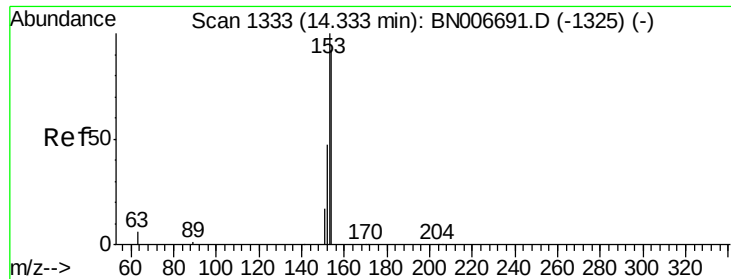
Tot Ion:172 Resp: 15797
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 24.0 18.9 28.3



#16
Acenaphthylene
Concen: 0.428 ng
RT: 13.98 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion:152 Resp: 19852
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.421 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

Instrument :

BNA_N

ClientSampleId :

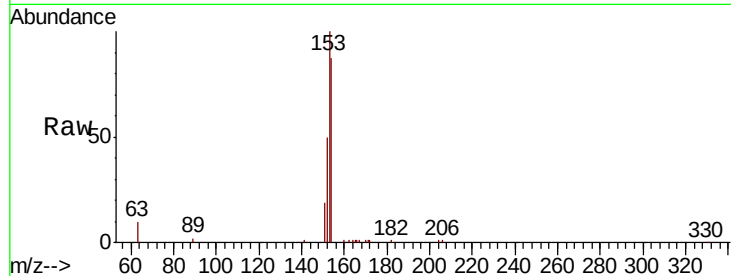
Tot Ion:154 Resp: 12866

Ion Ratio Lower Upper

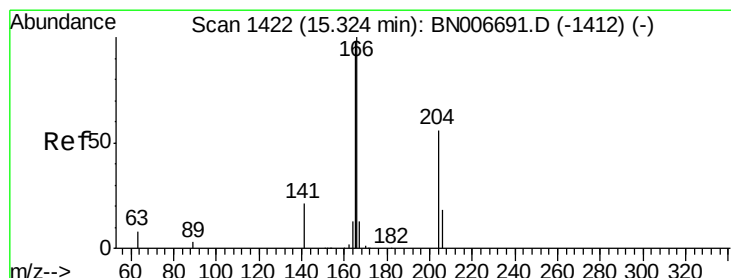
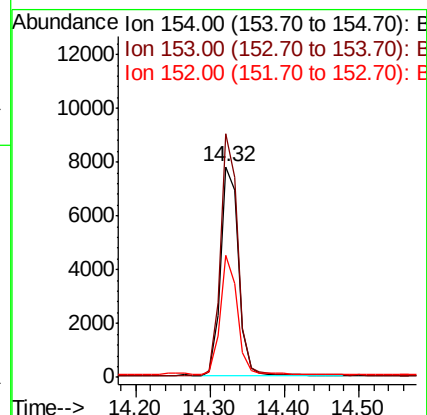
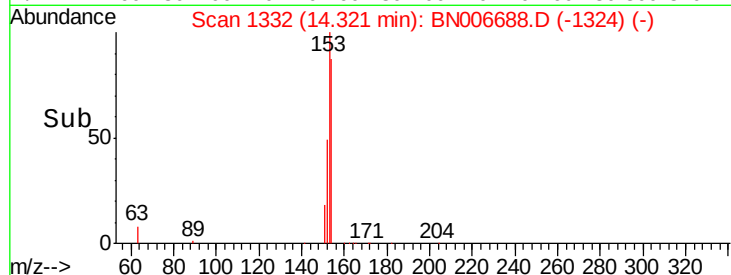
154 100

153 112.6 88.9 133.3

152 55.2 42.8 64.2



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: 0.419 ng

RT: 15.32 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

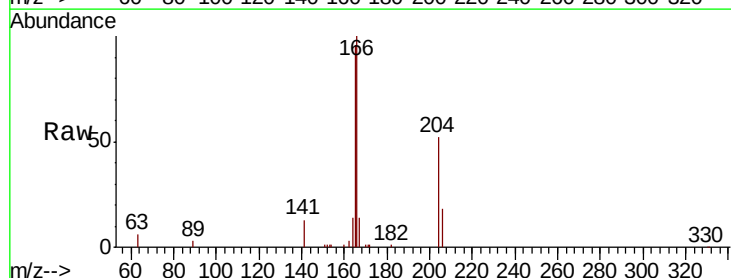
Tgt Ion:166 Resp: 16151

Ion Ratio Lower Upper

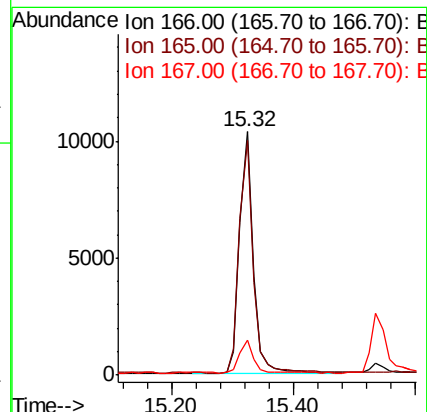
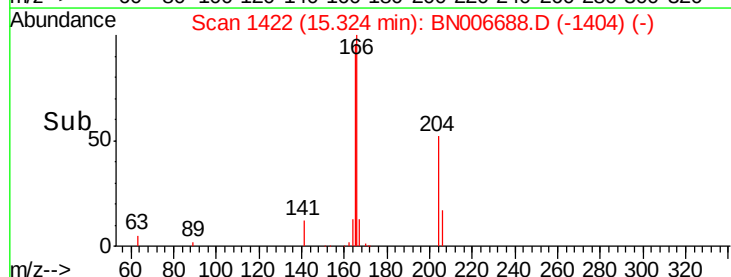
166 100

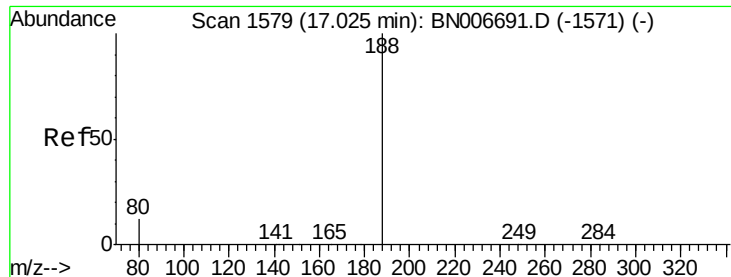
165 97.8 78.0 117.0

167 13.3 10.7 16.1



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: 17.03 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

Instrument :

BNA_N

ClientSampleId :

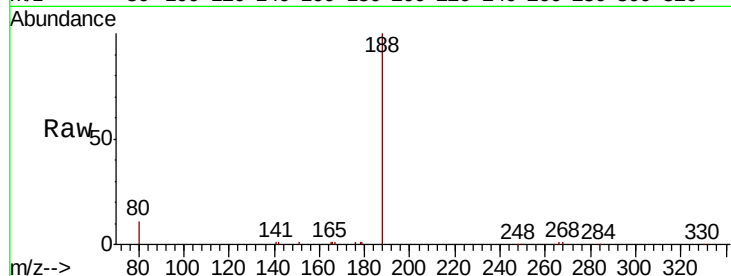
Tot Ion:188 Resp: 22412

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

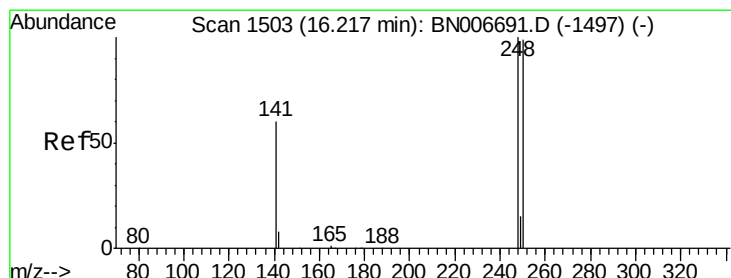
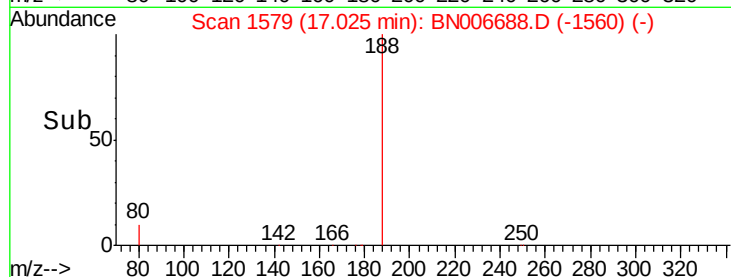
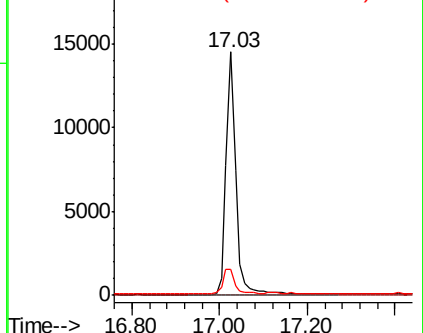
80 10.7 10.3 15.5



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: 0.442 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

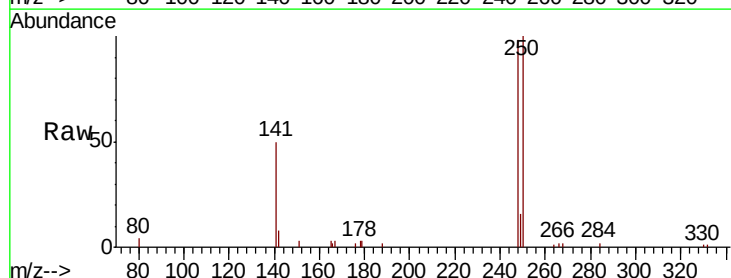
Tgt Ion:248 Resp: 5489

Ion Ratio Lower Upper

248 100

250 102.1 79.0 118.6

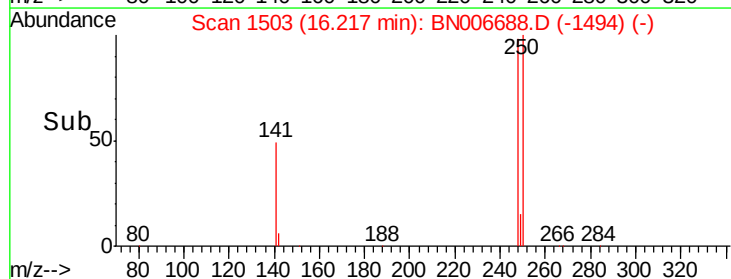
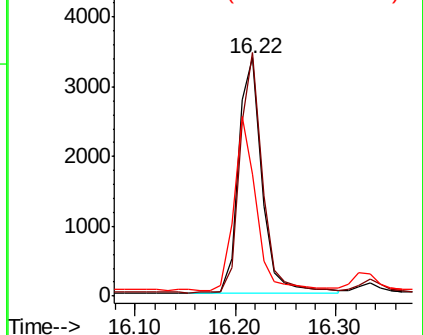
141 51.4 50.2 75.4

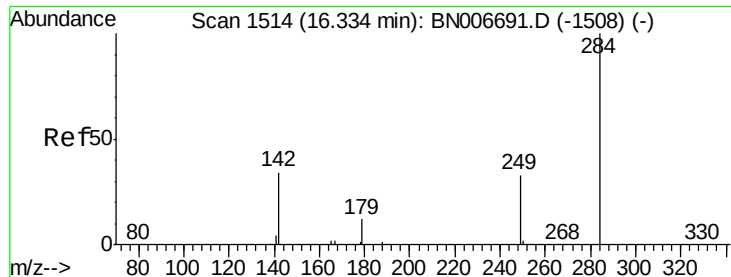


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

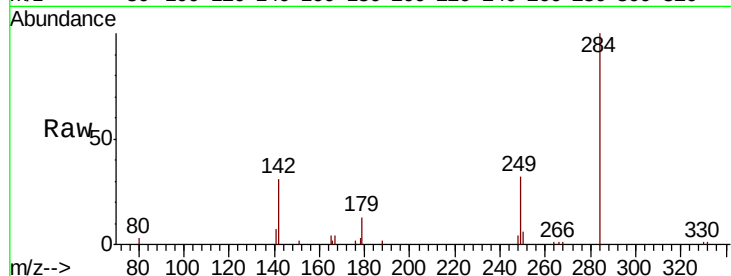




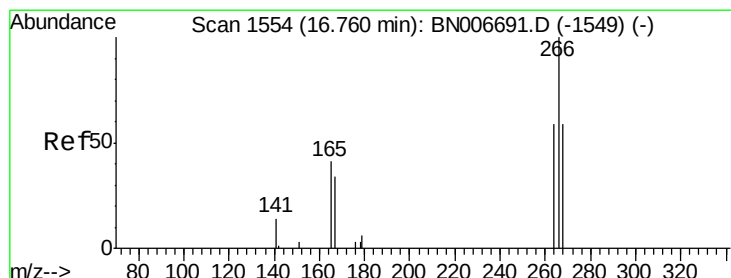
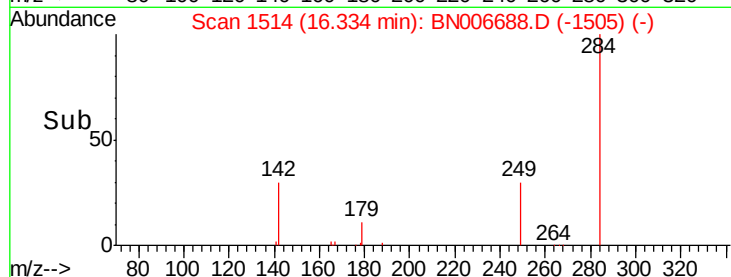
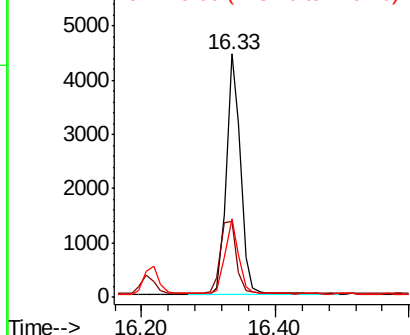
#21
Hexachlorobenzene
Concen: 0.413 ng
RT: 16.33 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 6475
Ion Ratio Lower Upper
284 100
142 34.0 26.9 40.3
249 30.0 24.4 36.6

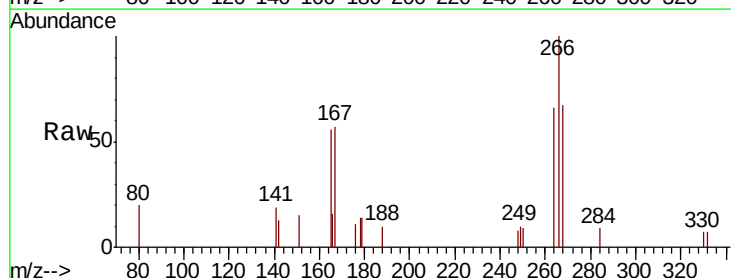


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

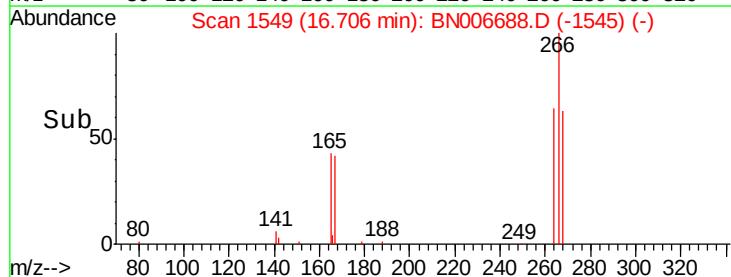
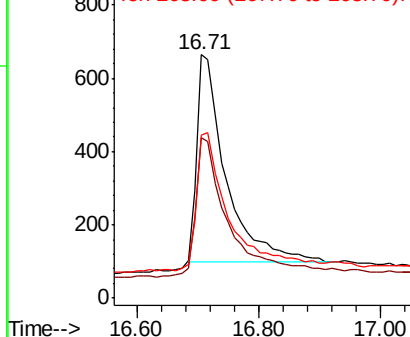


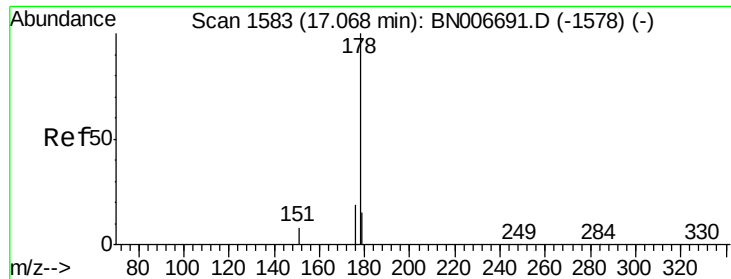
#22
Pentachlorophenol
Concen: 0.735 ng
RT: 16.71 min Scan# 1549
Delta R.T. -0.05 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion:266 Resp: 1839
Ion Ratio Lower Upper
266 100
264 65.9 57.6 86.4
268 66.9 66.6 99.8



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: 0.419 ng

RT: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

Instrument :

BNA_N

ClientSampleId :

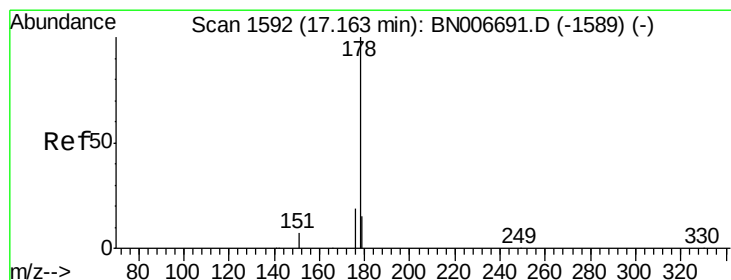
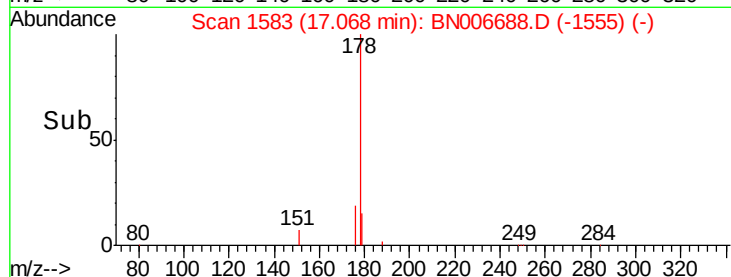
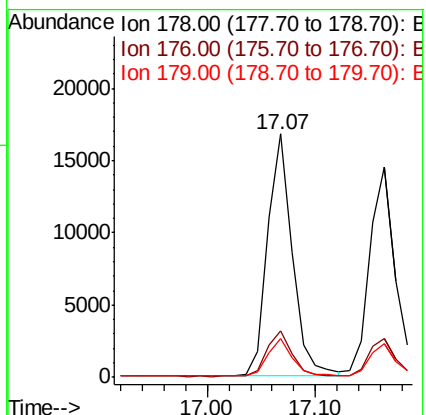
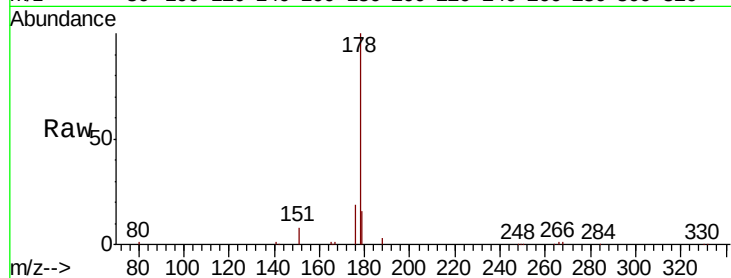
Tot Ion:178 Resp: 26701

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.3 12.4 18.6



#24

Anthracene

Concen: 0.448 ng

RT: 17.16 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

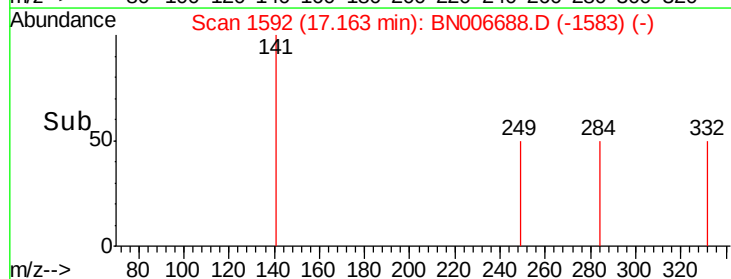
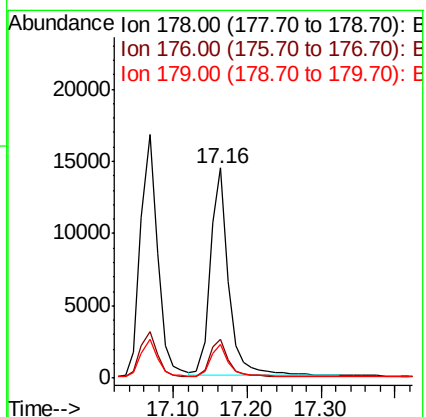
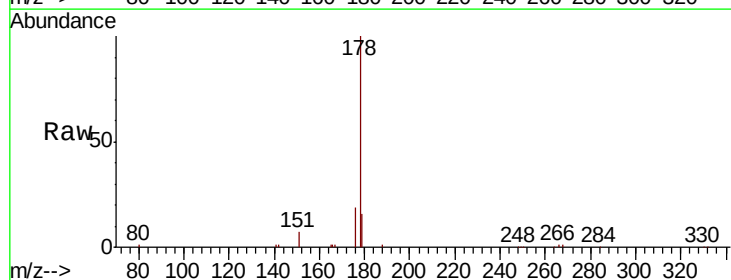
Tgt Ion:178 Resp: 24776

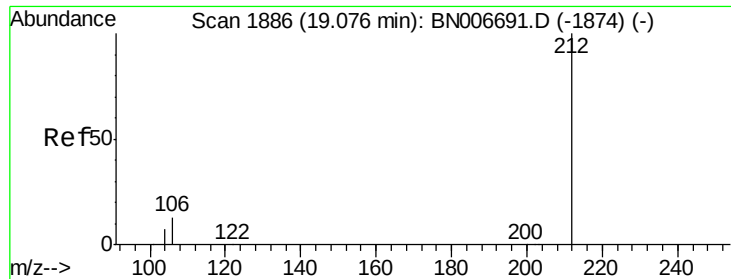
Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.3 11.9 17.9





#25

Fluoranthene-d10

Concen: 0.443 ng

RT: 19.07 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

Instrument :

BNA_N

ClientSampled :

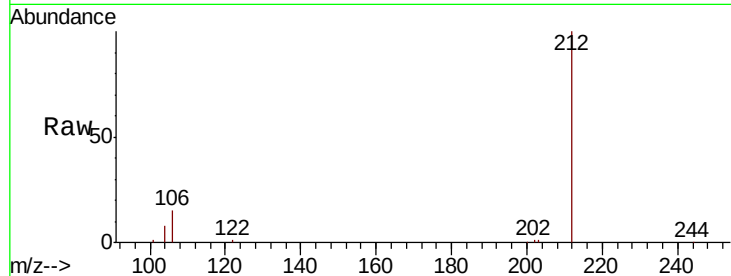
Tot Ion:212 Resp: 29153

Ion Ratio Lower Upper

212 100

106 14.0 11.0 16.6

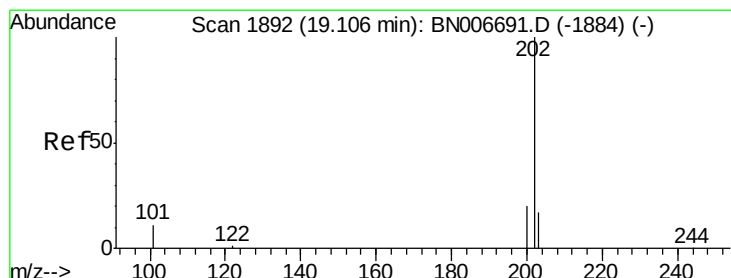
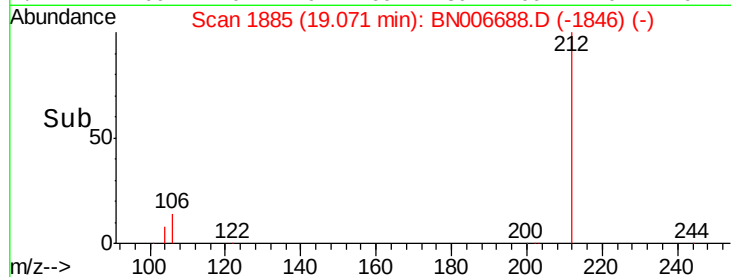
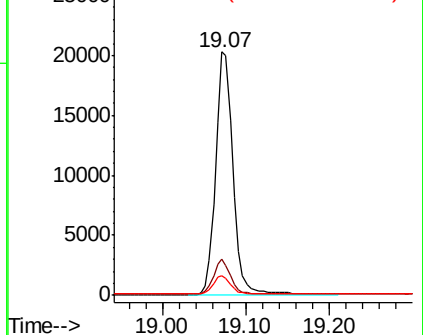
104 7.4 6.1 9.1



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



#26

Fluoranthene

Concen: 0.455 ng

RT: 19.11 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

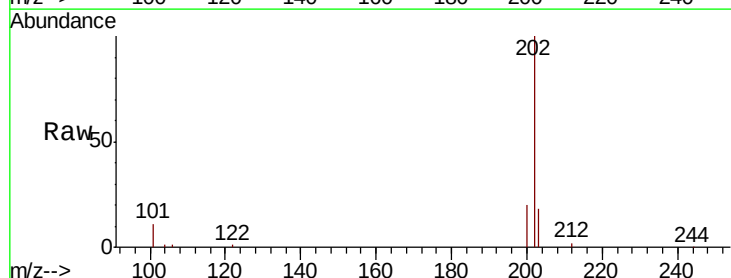
Tgt Ion:202 Resp: 35227

Ion Ratio Lower Upper

202 100

101 11.2 8.7 13.1

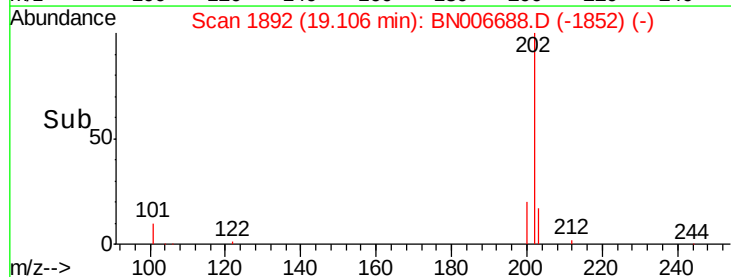
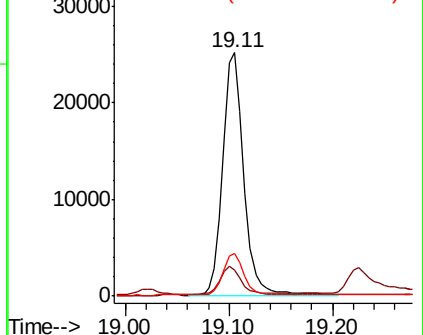
203 17.2 13.8 20.6

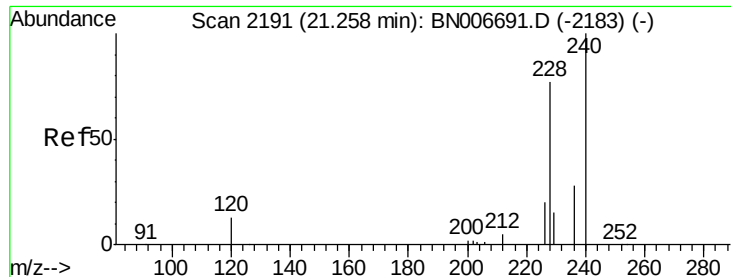


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

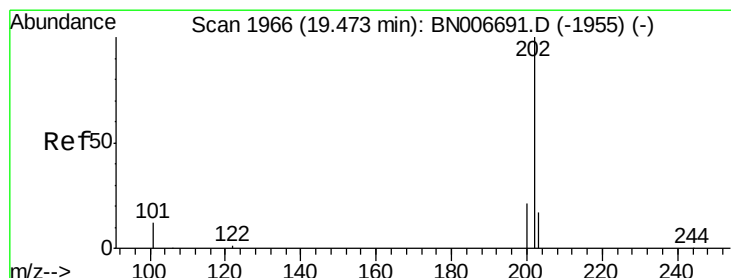
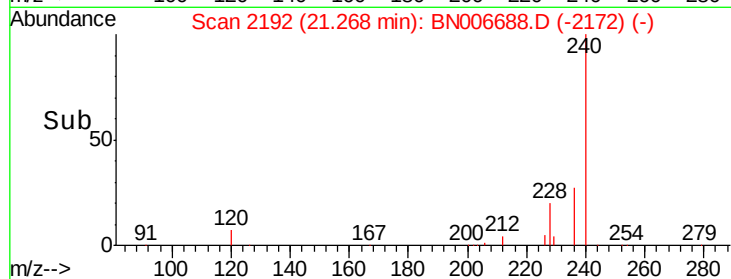
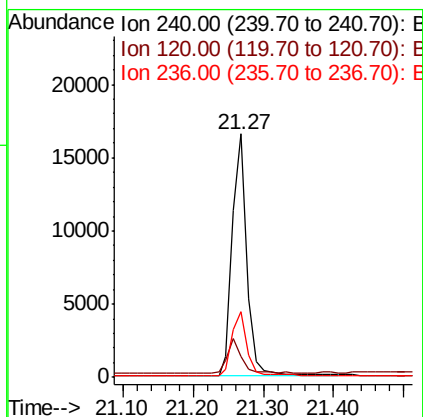
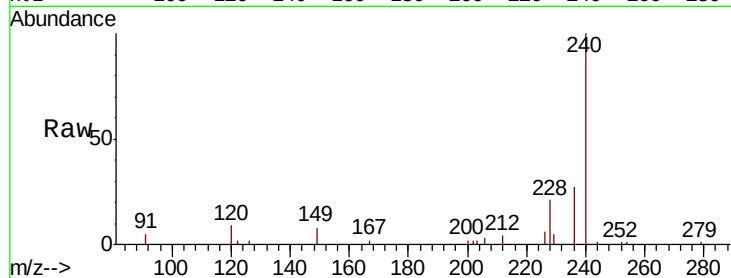




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

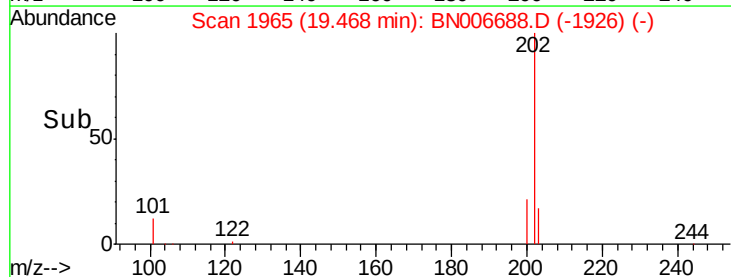
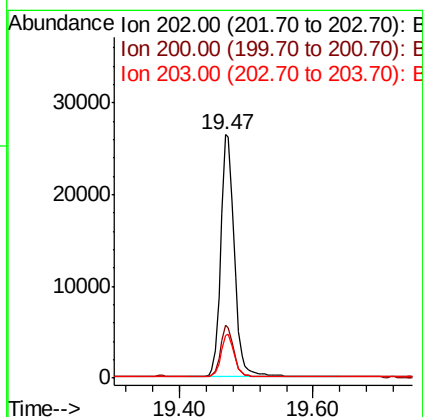
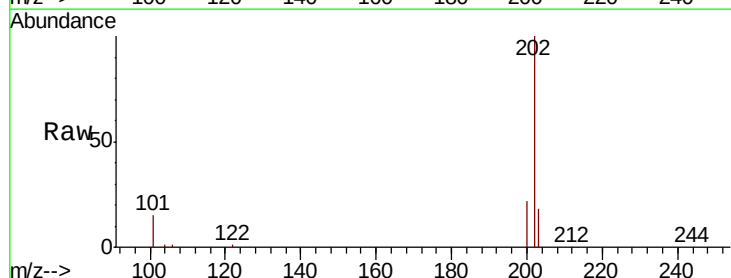
Instrument :
BNA_N
ClientSampleId :

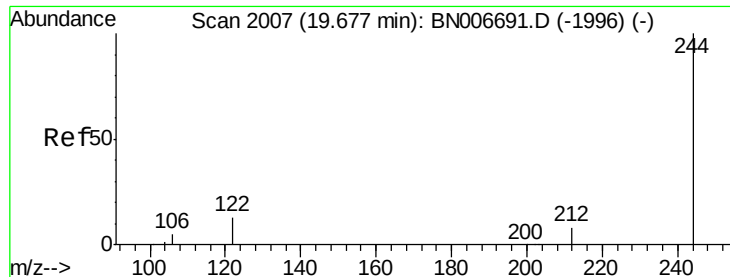
Tot Ion:240 Resp: 23606
Ion Ratio Lower Upper
240 100
120 8.7 12.9 19.3#
236 27.1 23.2 34.8



#28
Pyrene
Concen: 0.455 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion:202 Resp: 37563
Ion Ratio Lower Upper
202 100
200 20.7 16.8 25.2
203 17.4 14.2 21.2





#29

Terphenyl-d14

Concen: 0.460 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

Instrument :

BNA_N

ClientSampleId :

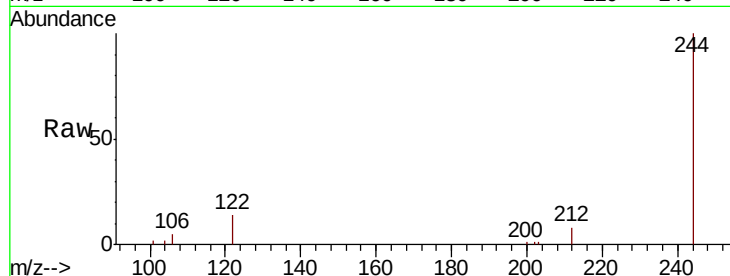
Tot Ion:244 Resp: 22755

Ion Ratio Lower Upper

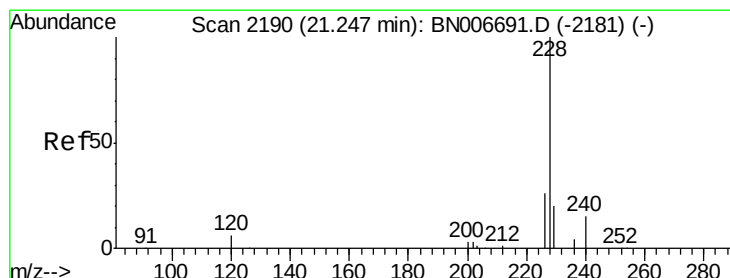
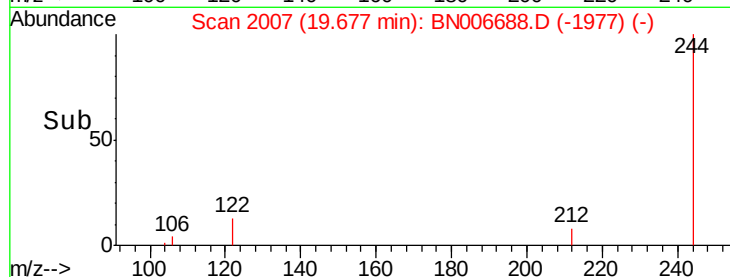
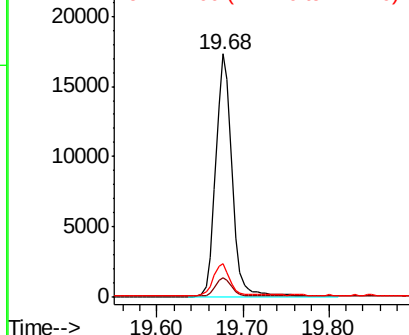
244 100

212 8.1 7.0 10.4

122 13.9 11.5 17.3



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



#30

Benzo(a)anthracene

Concen: 0.474 ng

RT: 21.25 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

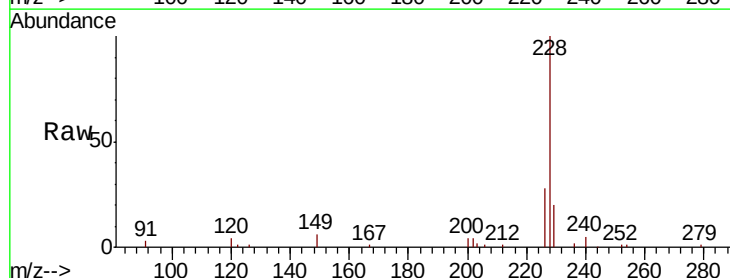
Tgt Ion:228 Resp: 36589

Ion Ratio Lower Upper

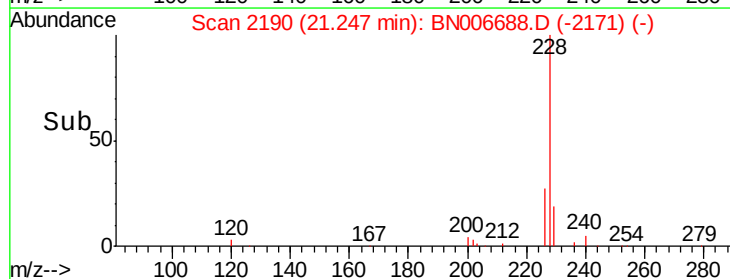
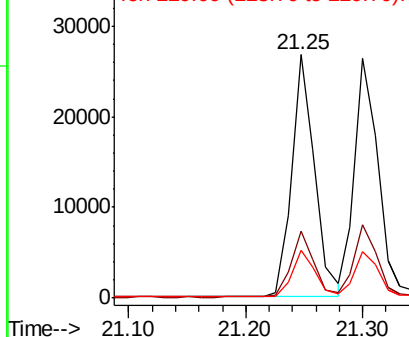
228 100

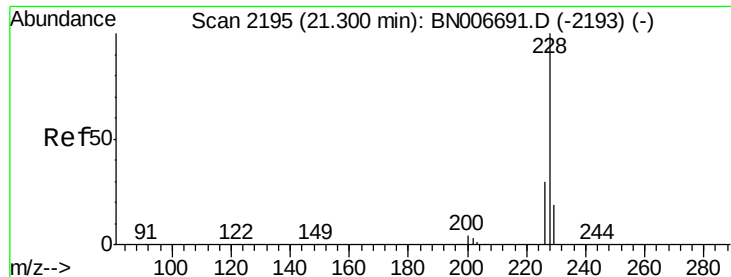
226 27.6 21.5 32.3

229 19.8 16.2 24.4



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: 0.440 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

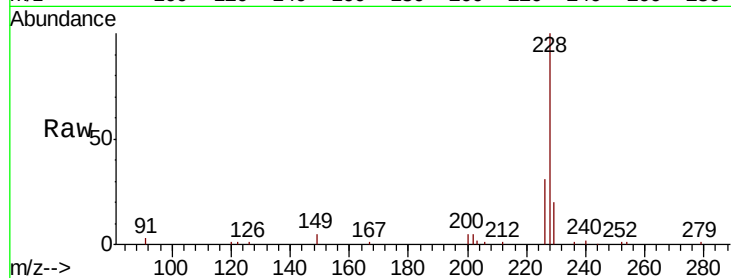
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 36606

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.2
229	19.6	15.8	23.6

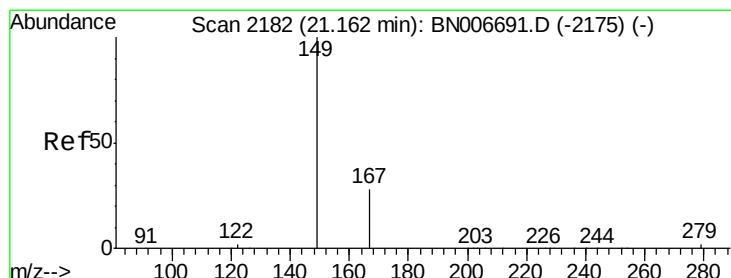
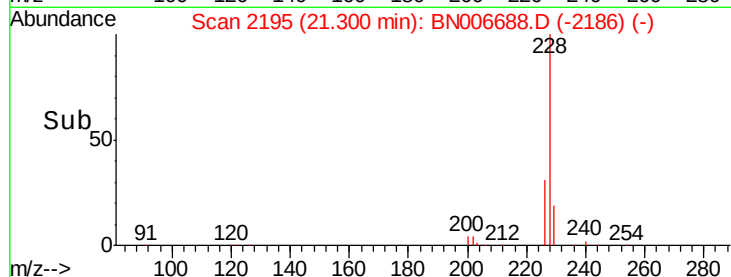
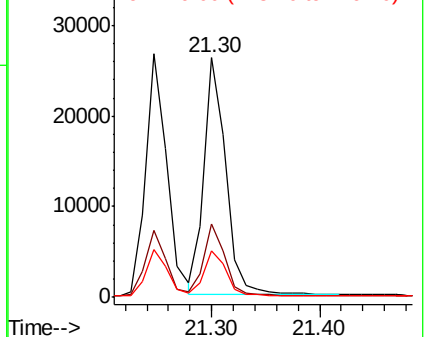


Abundance

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: 0.799 ng

RT: 21.17 min Scan# 2183

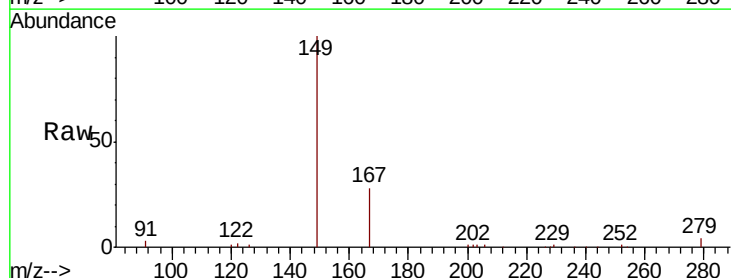
Delta R.T. 0.01 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

Tgt Ion:149 Resp: 31024

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.9	34.3
279	3.8	3.2	4.8

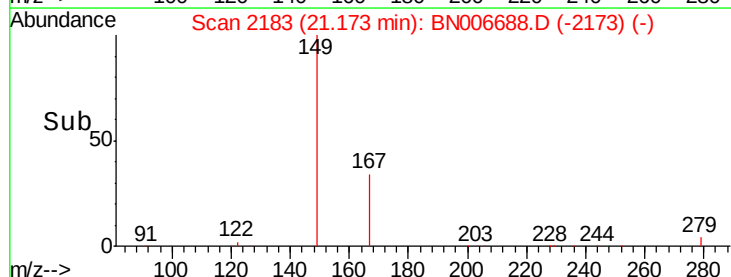
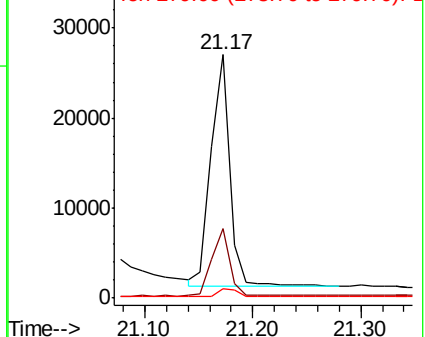


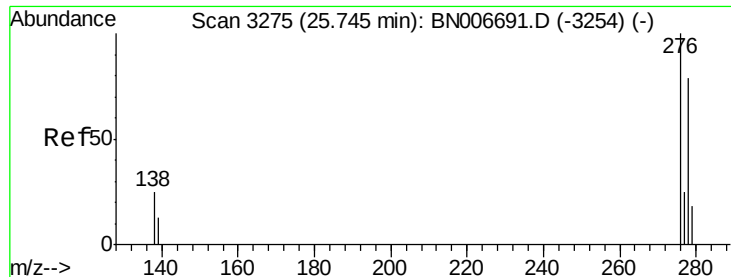
Abundance

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

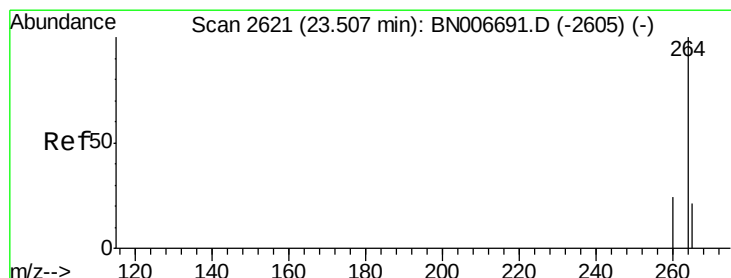
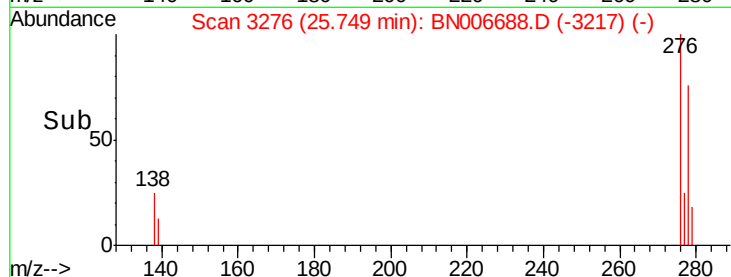
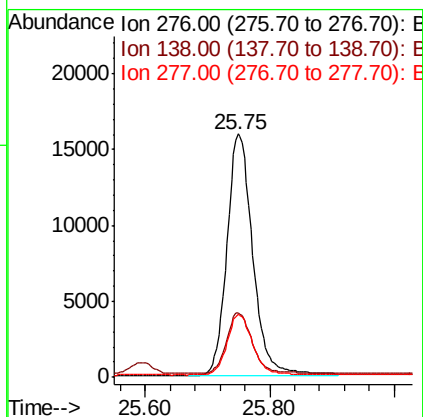
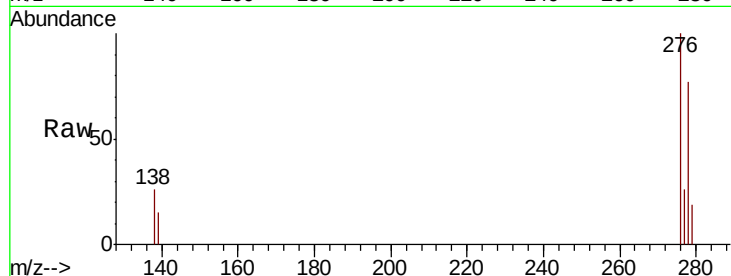




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.545 ng
 RT: 25.75 min Scan# 3276
 Delta R.T. 0.00 min
 Lab File: BN006688.D
 Acq: 02 Jul 2019 11:52

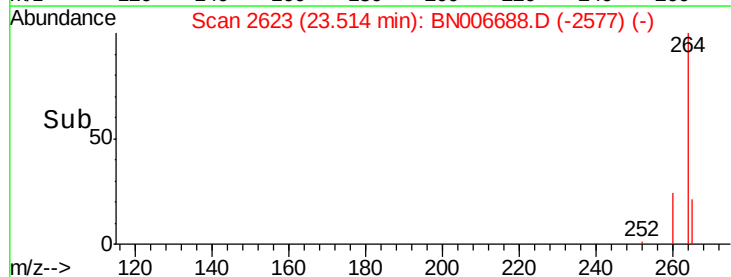
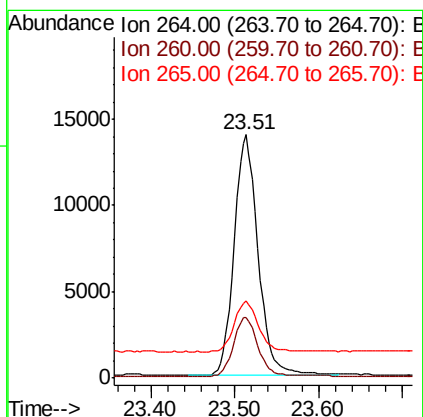
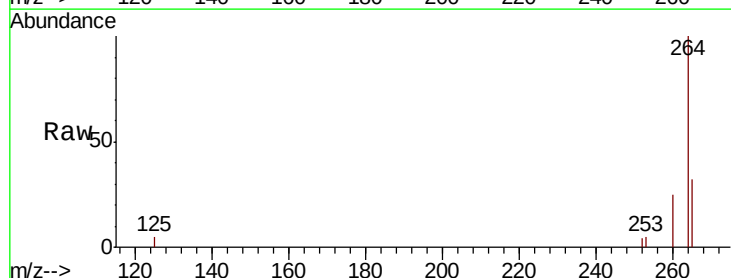
Instrument :
 BNA_N
 ClientSampleId :

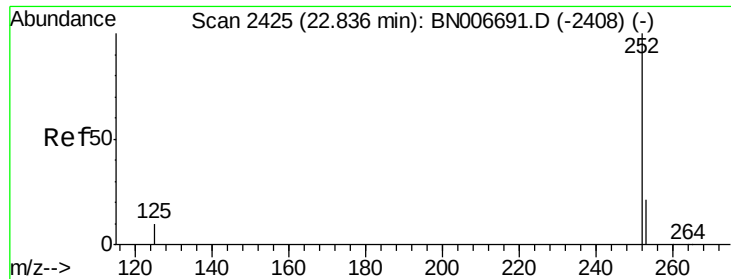
Tot Ion:276 Resp: 45924
 Ion Ratio Lower Upper
 276 100
 138 25.1 19.5 29.3
 277 25.0 19.7 29.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.51 min Scan# 2623
 Delta R.T. 0.01 min
 Lab File: BN006688.D
 Acq: 02 Jul 2019 11:52

Tgt Ion:264 Resp: 27639
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.2 30.2
 265 31.7 33.7 50.5#

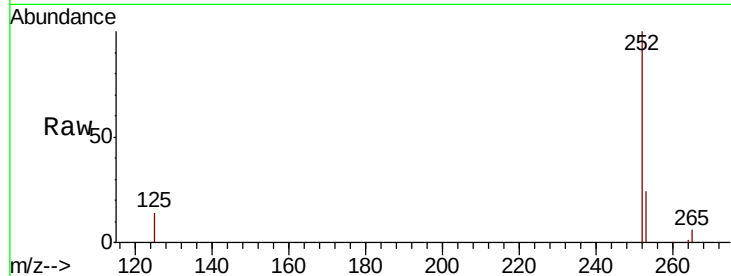




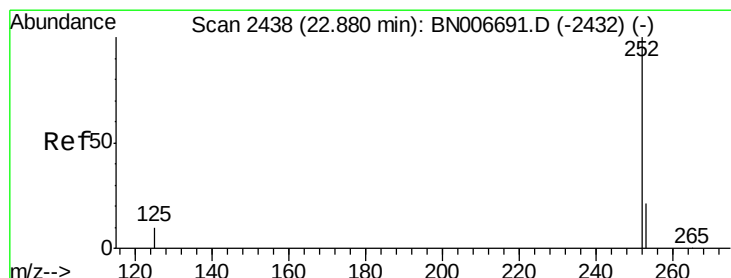
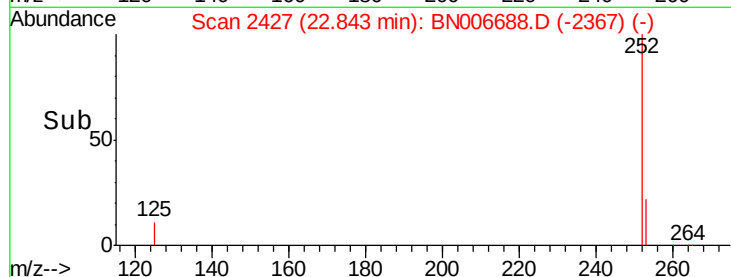
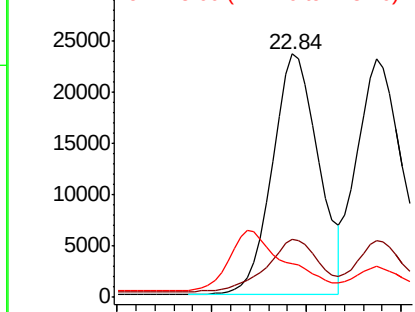
#35
Benzo(b)fluoranthene
Concen: 0.420 ng
RT: 22.84 min Scan# 2427
Delta R.T. 0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 39504
Ion Ratio Lower Upper
252 100
253 24.0 20.2 30.2
125 14.0 11.5 17.3

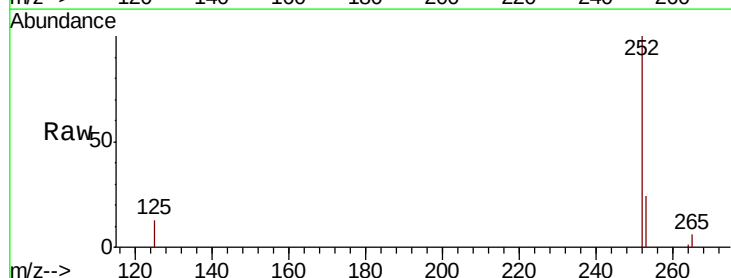


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

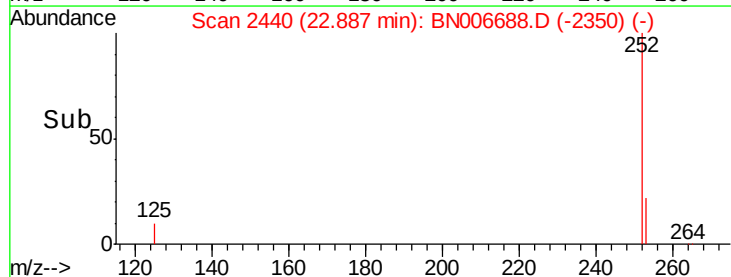
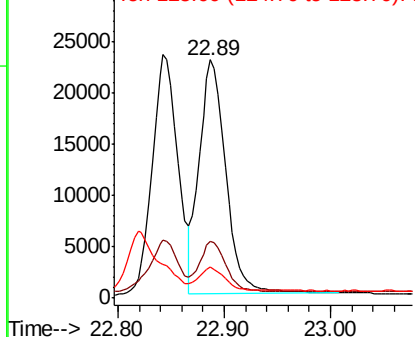


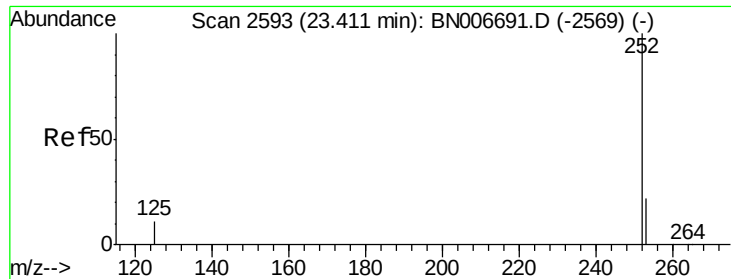
#36
Benzo(k)fluoranthene
Concen: 0.395 ng
RT: 22.89 min Scan# 2440
Delta R.T. 0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion:252 Resp: 39583
Ion Ratio Lower Upper
252 100
253 23.9 20.1 30.1
125 12.8 11.4 17.0



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: 0.433 ng

RT: 23.42 min Scan# 2595

Delta R.T. 0.01 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

Instrument :

BNA_N

ClientSampleId :

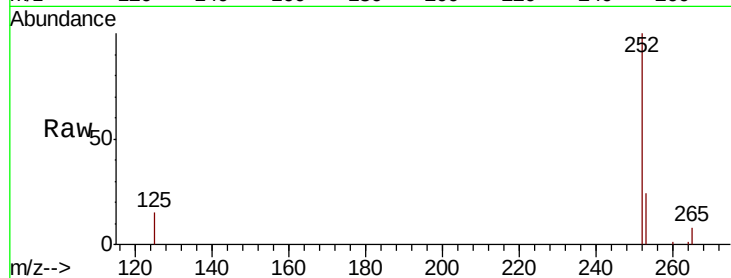
Tot Ion:252 Resp: 38086

Ion Ratio Lower Upper

252 100

253 24.5 21.4 32.2

125 14.6 13.3 19.9

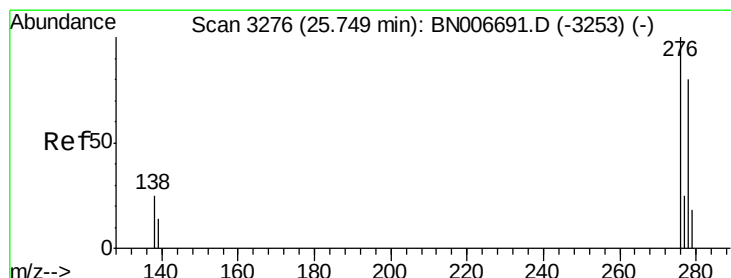
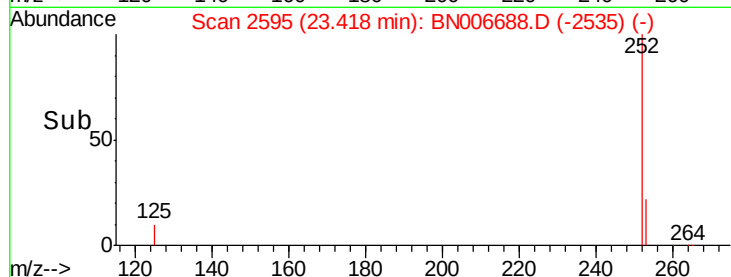
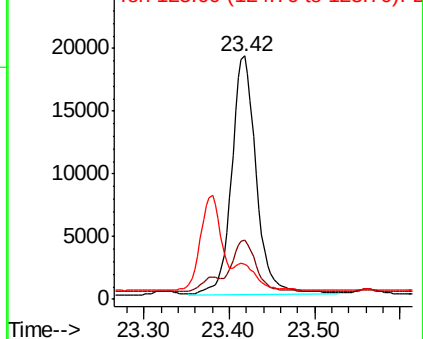


Abundance

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: 0.486 ng

RT: 25.76 min Scan# 3278

Delta R.T. 0.01 min

Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

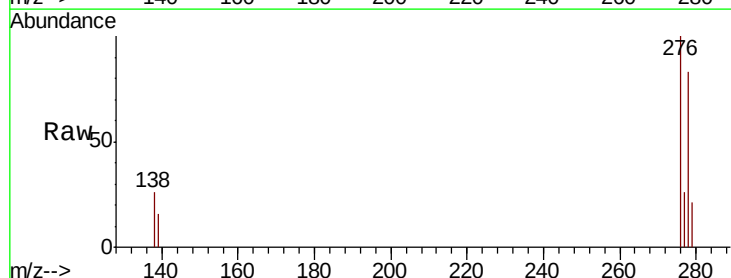
Tgt Ion:278 Resp: 37329

Ion Ratio Lower Upper

278 100

139 19.2 16.2 24.4

279 24.8 20.7 31.1

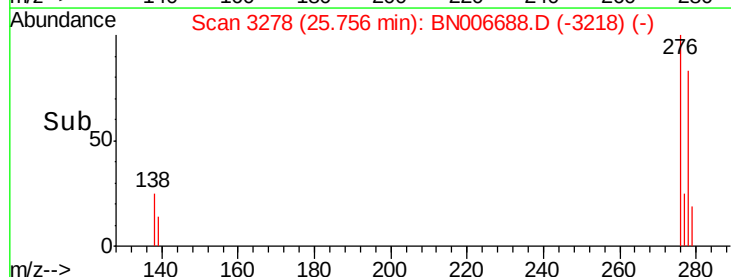
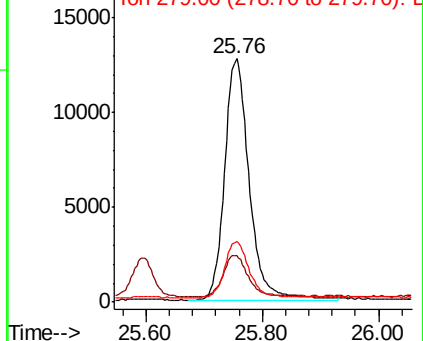


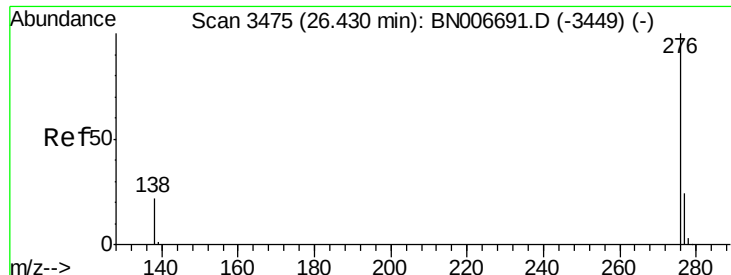
Abundance

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(a,h,i)perylene

Concen: 0.487 ng

RT: 26.44 min Scan# 3477

Delta R.T. 0.01 min

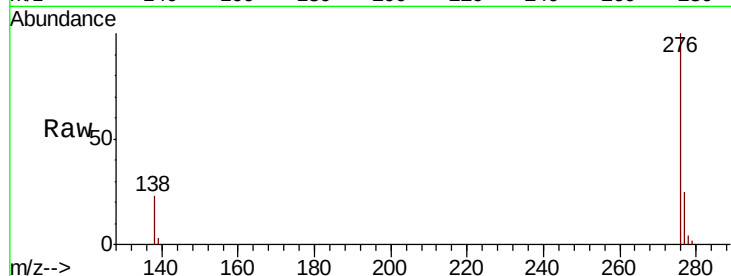
Lab File: BN006688.D

Acq: 02 Jul 2019 11:52

Instrument :

BNA_N

ClientSampleId :



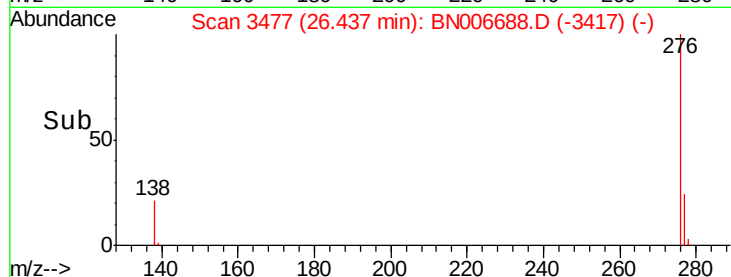
Tot Ion: 276 Resp: 37358

Ion Ratio Lower Upper

276 100

277 24.6 20.6 30.8

138 23.3 19.7 29.5



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

