

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
 Data File : BN006692.D
 Acq On : 02 Jul 2019 15:10
 Operator : HP/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 02 17:08:25 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	3814	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	14676	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	7925	0.40	ng	0.00
19) Phenanthrene-d10	17.03	188	17058	0.40	ng	0.00
27) Chrysene-d12	21.26	240	14582	0.40	ng	0.00
34) Perylene-d12	23.49	264	16097	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	8283	0.89	ng	0.00
5) Phenol-d6	6.81	99	10615	0.86	ng	-0.02
8) Nitrobenzene-d5	8.78	82	9042	0.92	ng	-0.01
11) 2-Methylnaphthalene-d10	11.99	152	17075	0.74	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	2905	0.78	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	25570	0.87	ng	0.00
25) Fluoranthene-d10	19.07	212	37071	0.74	ng	0.00
29) Terphenyl-d14	19.68	244	27508	0.90	ng	0.00

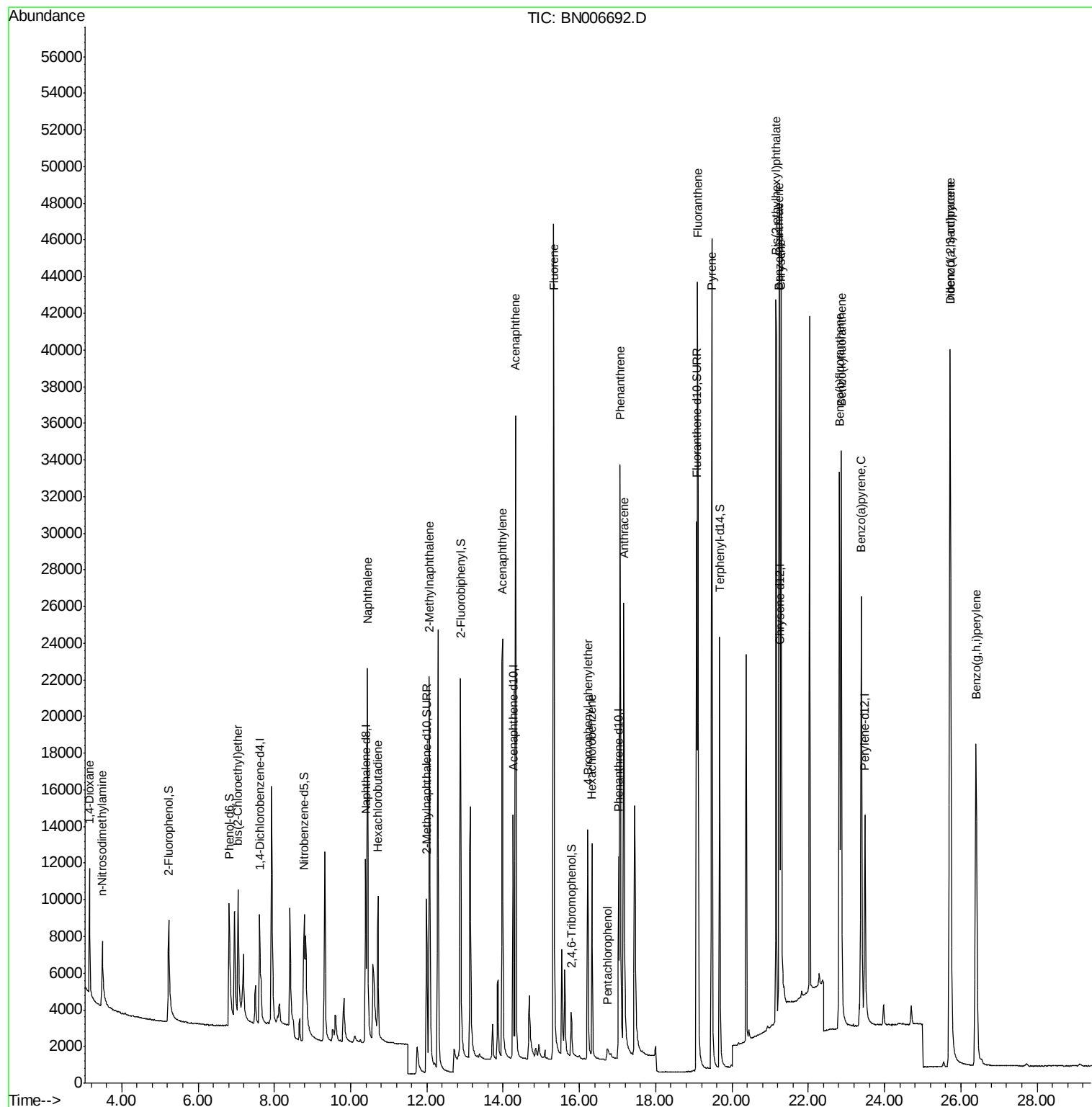
Target Compounds					Qvalue
2) 1,4-Dioxane	3.16	88	4390	0.832 ng	94
3) n-Nitrosodimethylamine	3.49	42	3374	0.813 ng	97
6) bis(2-Chloroethyl)ether	7.05	93	8084	0.732 ng	99
9) Naphthalene	10.44	128	30419	0.789 ng	98
10) Hexachlorobutadiene	10.72	225	6328	0.798 ng	# 99
12) 2-Methylnaphthalene	12.07	142	20299	0.762 ng	100
16) Acenaphthylene	13.99	152	30278	0.801 ng	100
17) Acenaphthene	14.32	154	19636	0.789 ng	99
18) Fluorene	15.32	166	24188	0.770 ng	100
20) 4-Bromophenyl-phenylether	16.22	248	7654	0.810 ng	93
21) Hexachlorobenzene	16.33	284	9376	0.785 ng	100
22) Pentachlorophenol	16.74	266	1089	0.572 ng	94
23) Phenanthrene	17.07	178	37417	0.771 ng	100
24) Anthracene	17.16	178	33523	0.797 ng	99
26) Fluoranthene	19.10	202	44135	0.749 ng	100
28) Pyrene	19.47	202	45141	0.885 ng	99
30) Benzo(a)anthracene	21.24	228	38833	0.815 ng	99
31) Chrysene	21.29	228	40249	0.783 ng	100
32) Bis(2-ethylhexyl)phthalate	21.15	149	42990	1.792 ng	100
33) Indeno(1,2,3-cd)pyrene	25.72	276	47833	0.920 ng	100
35) Benzo(b)fluoranthene	22.82	252	39159	0.715 ng	96
36) Benzo(k)fluoranthene	22.86	252	44547	0.763 ng	96
37) Benzo(a)pyrene	23.39	252	38947	0.761 ng	94
38) Dibenzo(a,h)anthracene	25.72	278	38227	0.855 ng	96
39) Benzo(g,h,i)perylene	26.40	276	39435	0.883 ng	97

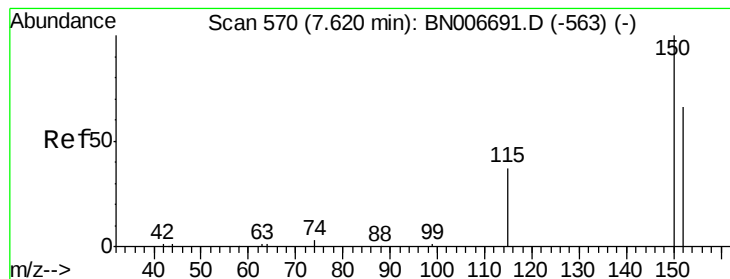
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN006692.D

Acq: 02 Jul 2019 15:10

Instrument :

BNA_N

ClientSampleId :

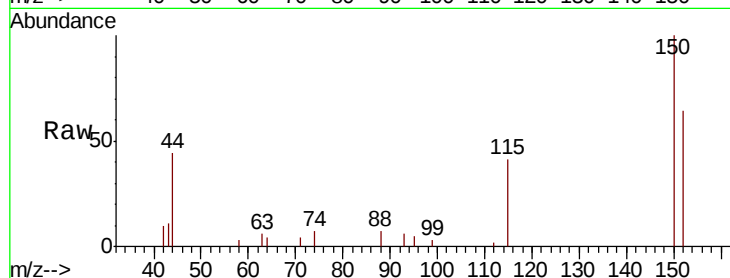
Tot Ion:152 Resp: 3814

Ion Ratio Lower Upper

152 100

150 157.4 120.6 181.0

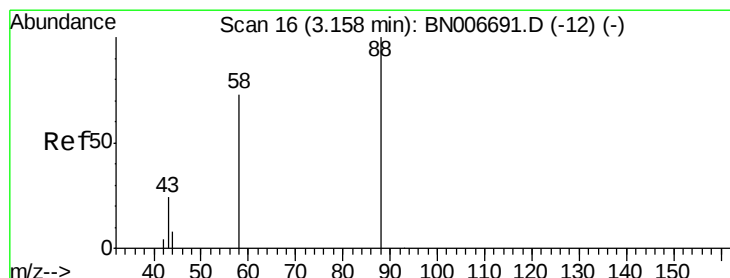
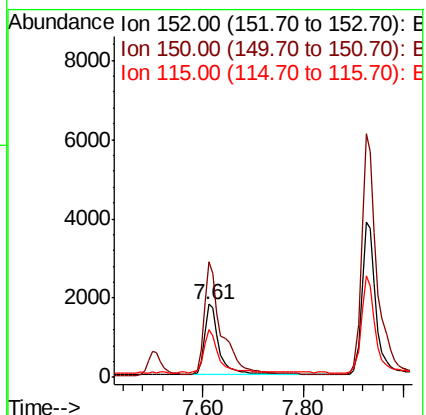
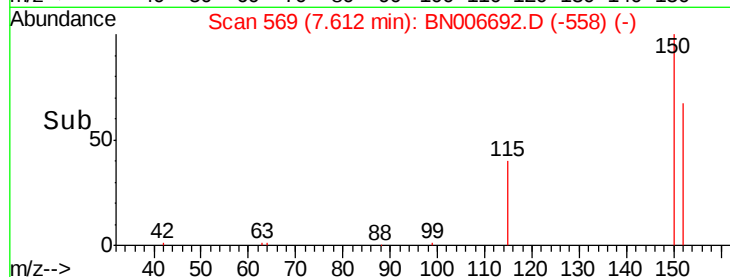
115 65.2 51.0 76.6



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: 0.832 ng

RT: 3.16 min Scan# 16

Delta R.T. -0.00 min

Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

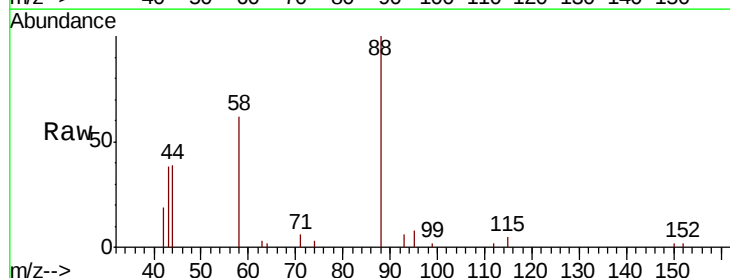
Tgt Ion: 88 Resp: 4390

Ion Ratio Lower Upper

88 100

58 79.7 61.1 91.7

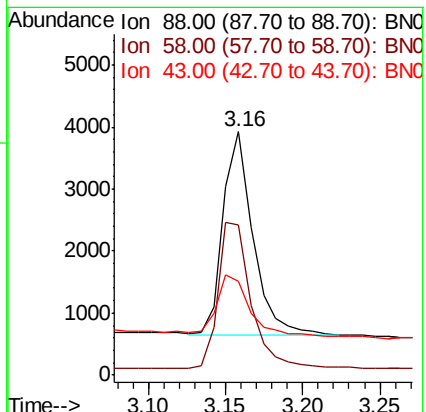
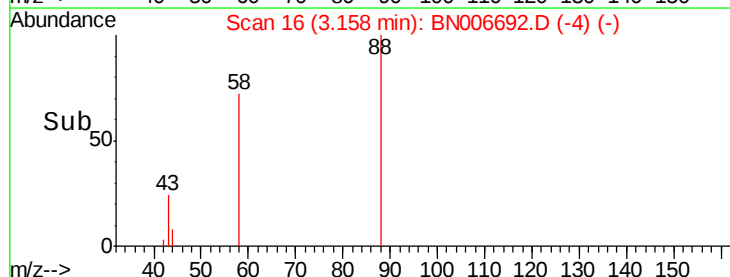
43 33.8 32.4 48.6



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



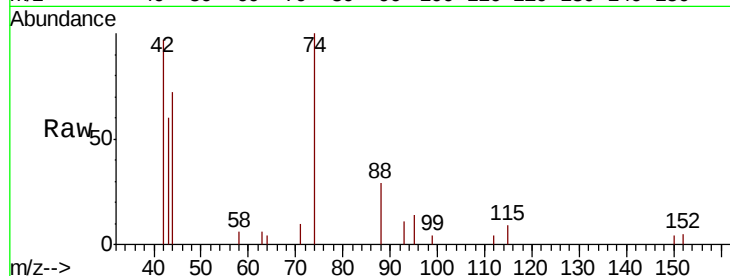


#3

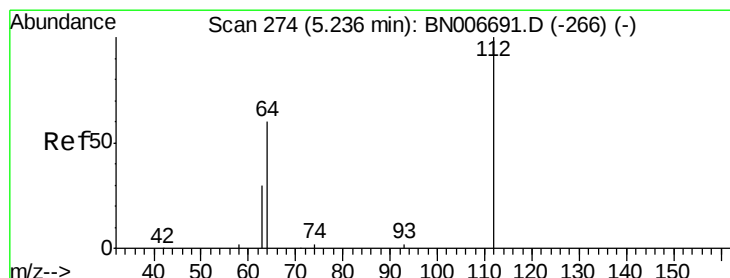
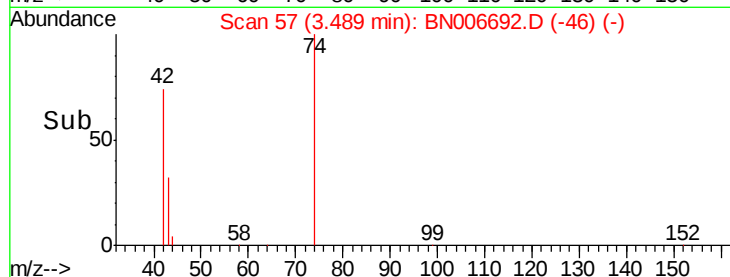
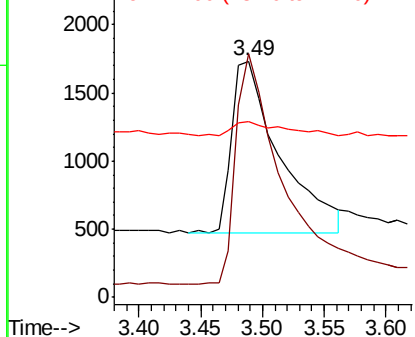
n-Nitrosodimethylamine
 Concen: 0.813 ng
 RT: 3.49 min Scan# 57
 Delta R.T. -0.01 min
 Lab File: BN006692.D
 Acq: 02 Jul 2019 15:10

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 42 Resp: 3374
 Ion Ratio Lower Upper
 42 100
 74 129.6 106.6 160.0
 44 8.1 8.0 12.0



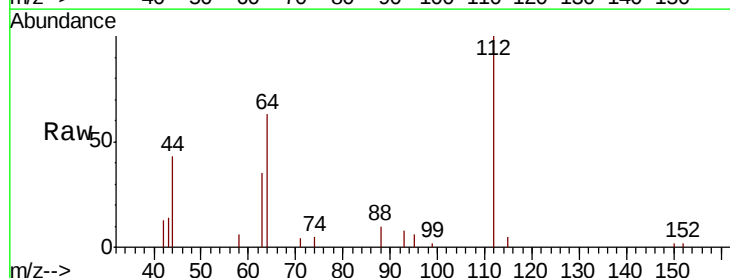
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



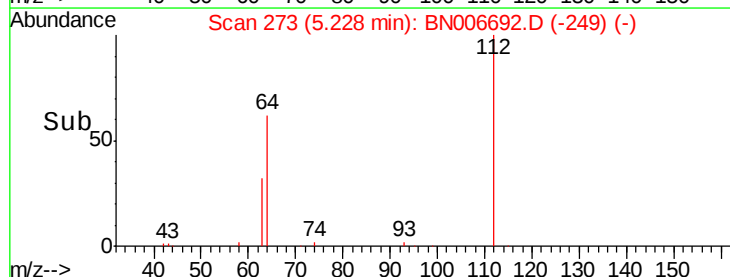
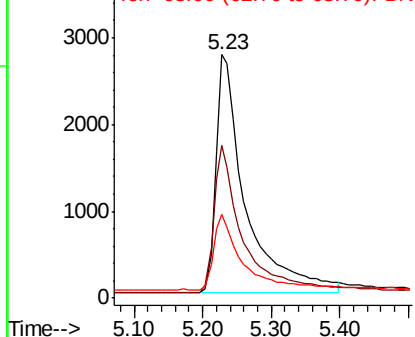
#4

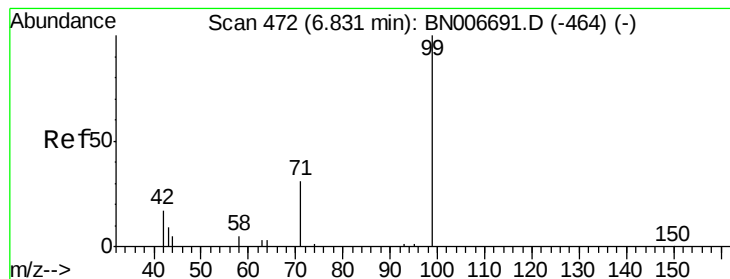
2-Fluorophenol
 Concen: 0.885 ng
 RT: 5.23 min Scan# 273
 Delta R.T. -0.01 min
 Lab File: BN006692.D
 Acq: 02 Jul 2019 15:10

Tgt Ion: 112 Resp: 8283
 Ion Ratio Lower Upper
 112 100
 64 60.2 49.8 74.6
 63 31.0 25.8 38.6



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: 0.857 ng

RT: 6.81 min Scan# 470

Delta R.T. -0.02 min

Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

Instrument :

BNA_N

ClientSampled :

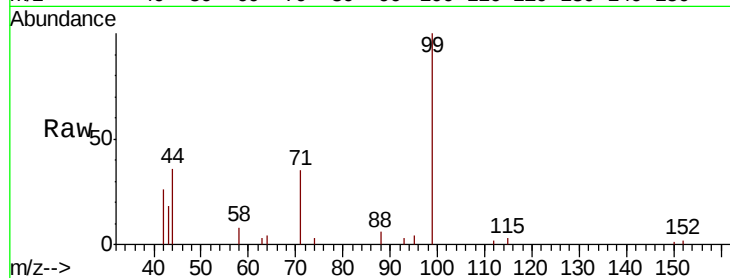
Tot Ion: 99 Resp: 10615

Ion Ratio Lower Upper

99 100

42 19.3 16.6 25.0

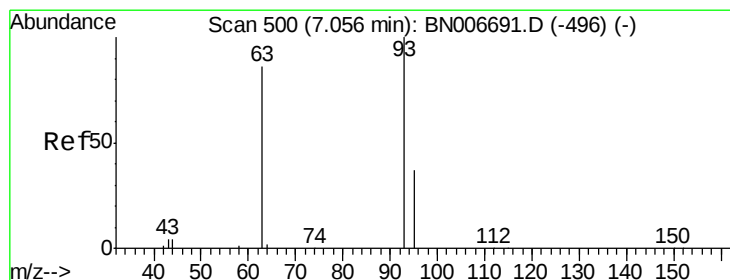
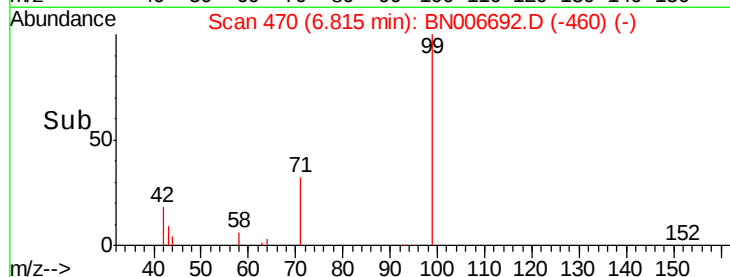
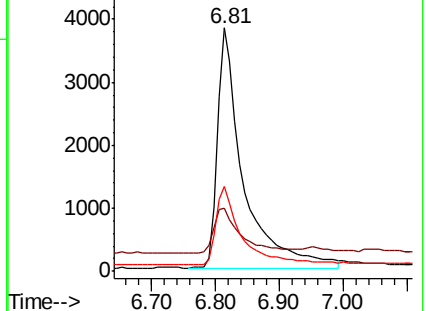
71 32.9 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006692.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006692.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006692.D (-460) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.732 ng

RT: 7.05 min Scan# 499

Delta R.T. -0.01 min

Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

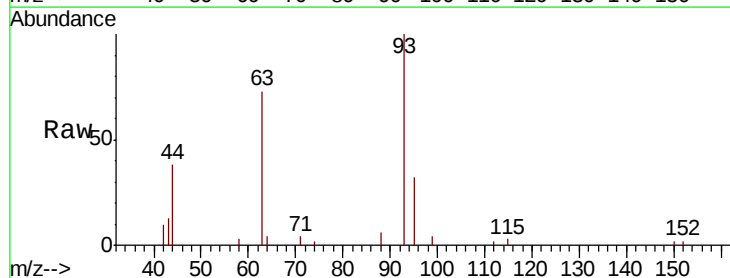
Tgt Ion: 93 Resp: 8084

Ion Ratio Lower Upper

93 100

63 73.0 58.6 87.8

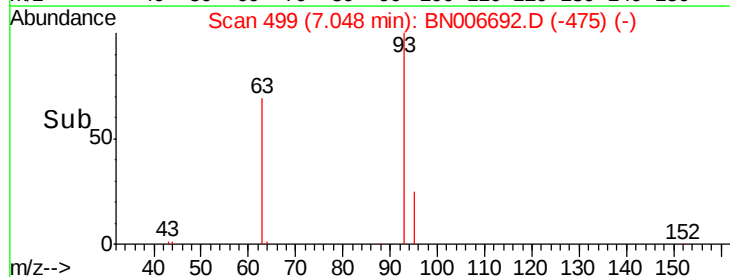
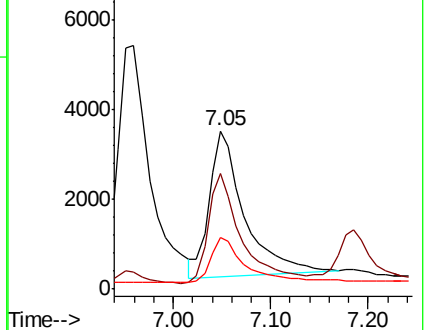
95 34.0 28.3 42.5

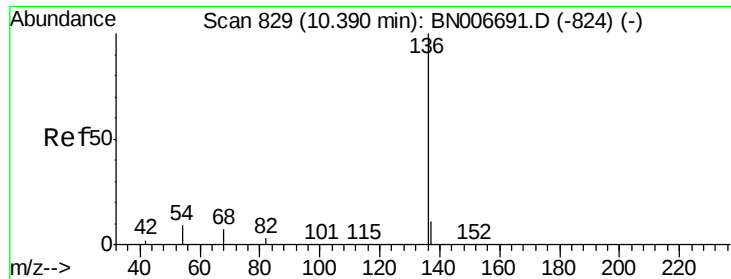


Abundance Ion 93.00 (92.70 to 93.70): BN006692.D (-475) (-)

Ion 63.00 (62.70 to 63.70): BN006692.D (-475) (-)

Ion 95.00 (94.70 to 95.70): BN006692.D (-475) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 829

Delta R.T. -0.00 min

Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 14676

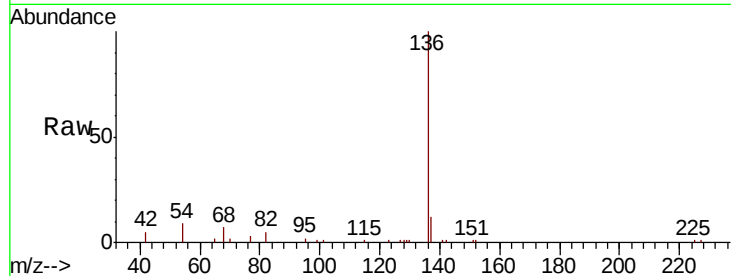
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 9.2 8.4 12.6

68 7.2 6.8 10.2

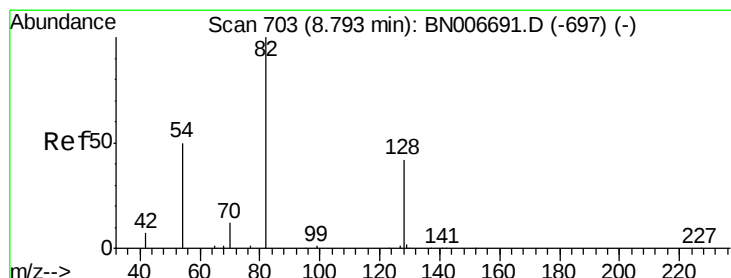
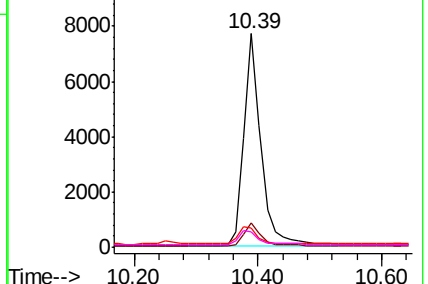
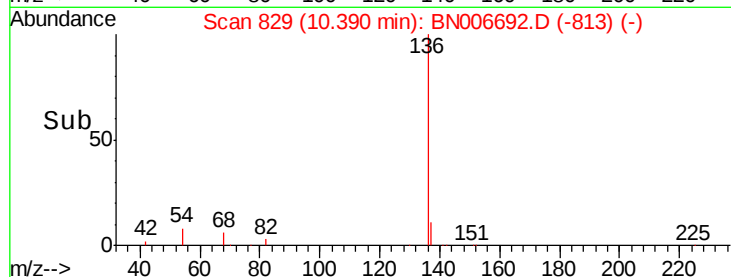


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.916 ng

RT: 8.78 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

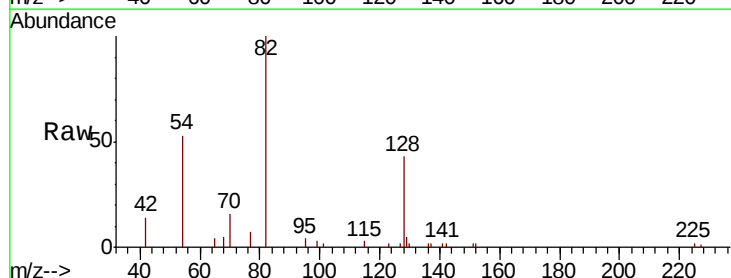
Tgt Ion: 82 Resp: 9042

Ion Ratio Lower Upper

82 100

128 42.9 36.1 54.1

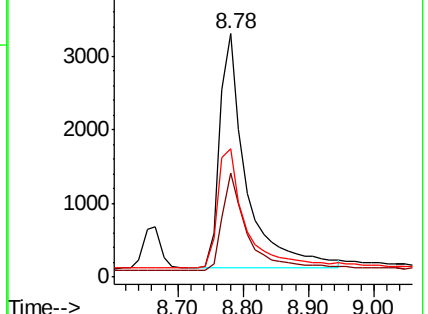
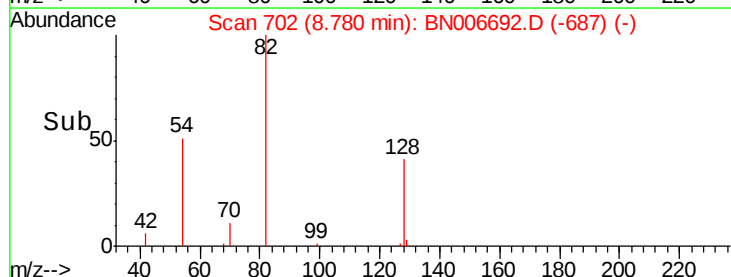
54 52.8 44.5 66.7



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: 0.789 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.00 min

Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

Instrument :

BNA_N

ClientSampleId :

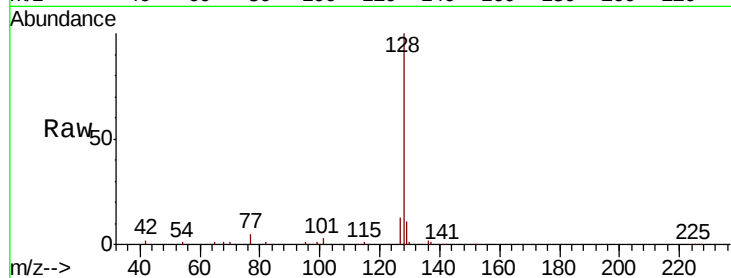
Tot Ion:128 Resp: 30419

Ion Ratio Lower Upper

128 100

129 11.3 9.6 14.4

127 13.1 11.0 16.4

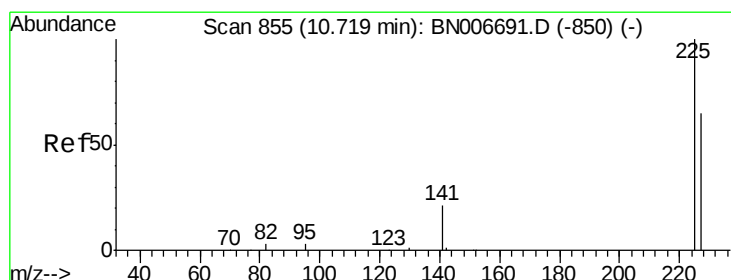
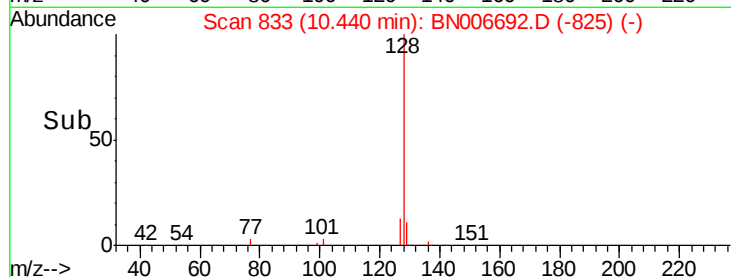
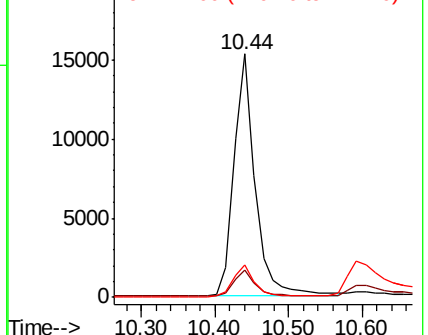


Abundance

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: 0.798 ng

RT: 10.72 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

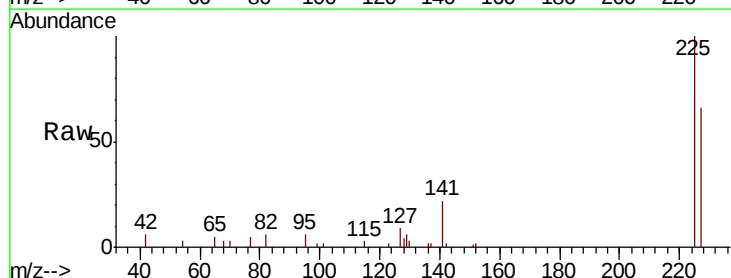
Tgt Ion:225 Resp: 6328

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.3 50.9 76.3

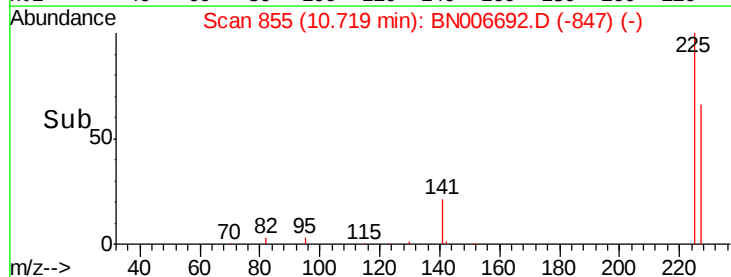
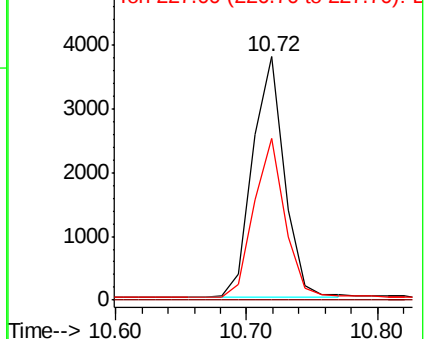


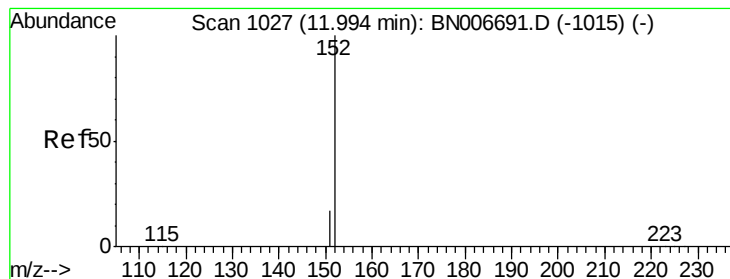
Abundance

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: 0.739 ng

RT: 11.99 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

Instrument :

BNA_N

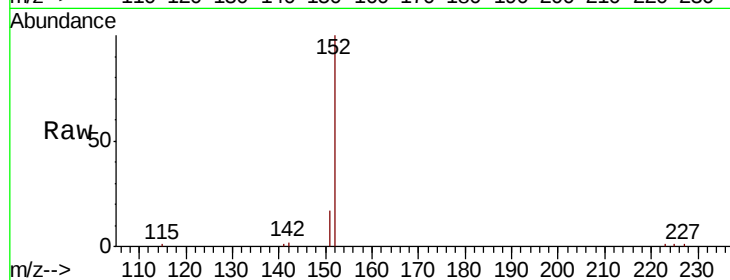
ClientSampleId :

Tot Ion:152 Resp: 17075

Ion Ratio Lower Upper

152 100

151 19.1 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.99

8000

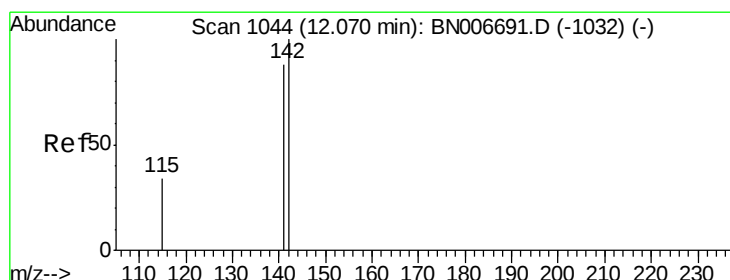
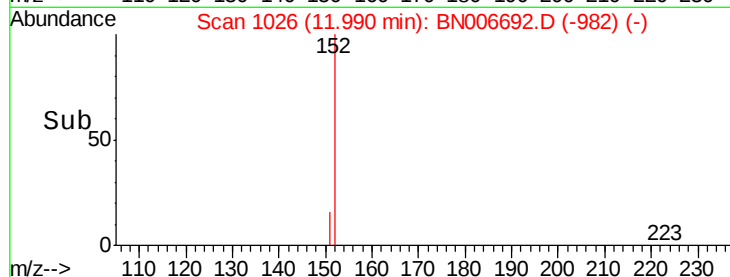
6000

4000

2000

0

Time--> 12.00 12.20



#12

2-Methylnaphthalene

Concen: 0.762 ng

RT: 12.07 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

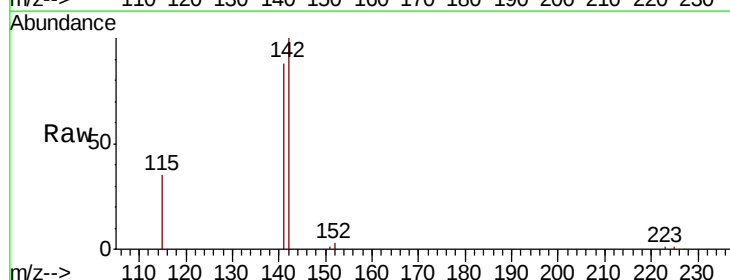
Tgt Ion:142 Resp: 20299

Ion Ratio Lower Upper

142 100

141 88.0 70.3 105.5

115 35.4 28.9 43.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.07

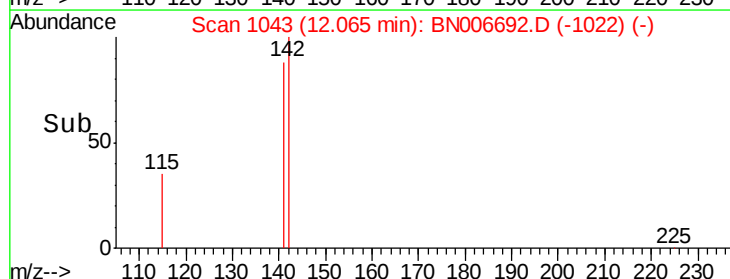
15000

10000

5000

0

Time--> 12.00 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

Instrument :

BNA_N

ClientSampleId :

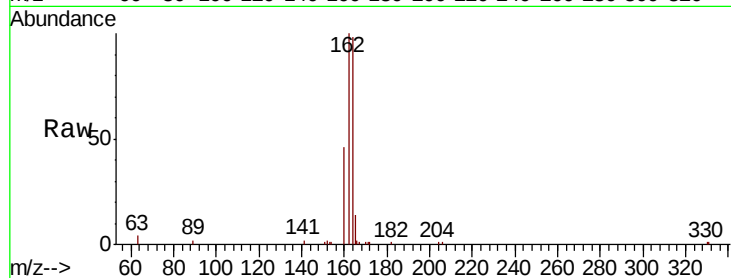
Tot Ion:164 Resp: 7925

Ion Ratio Lower Upper

164 100

162 102.4 80.8 121.2

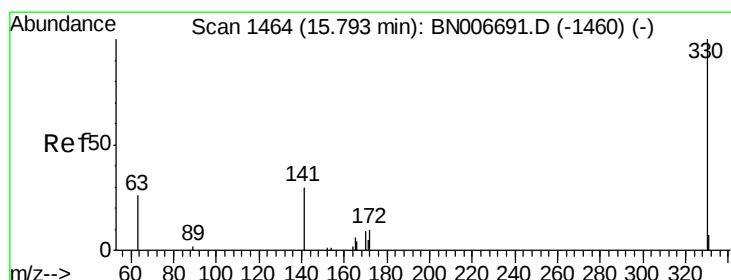
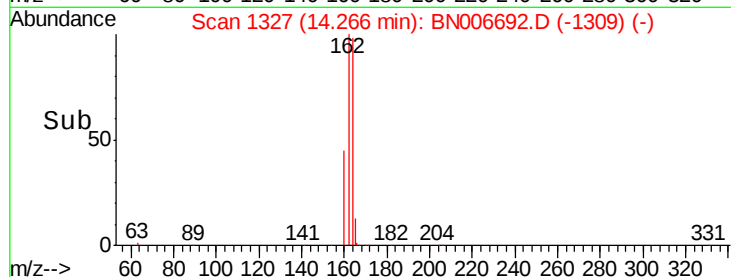
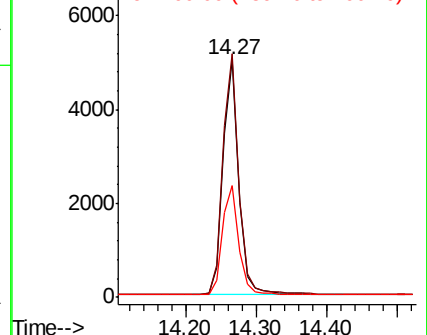
160 47.0 37.0 55.6



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: 0.778 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

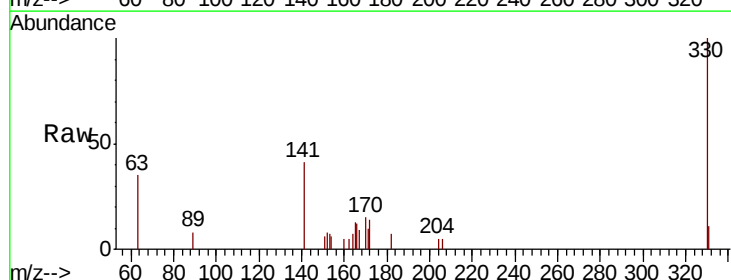
Tgt Ion:330 Resp: 2905

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

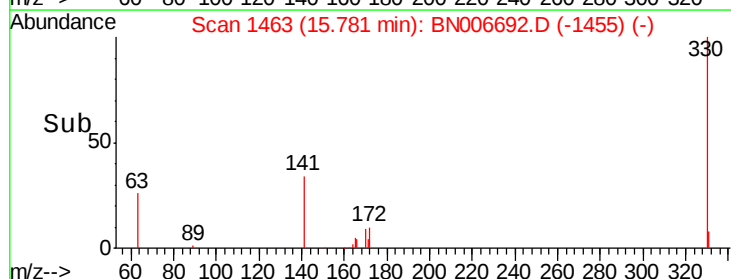
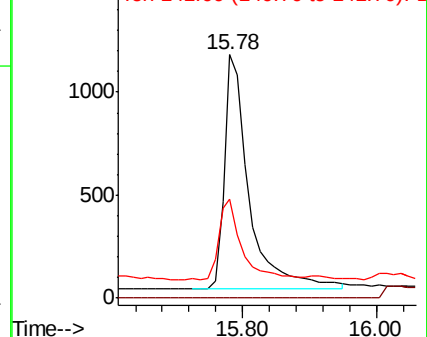
141 32.7 24.8 37.2



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

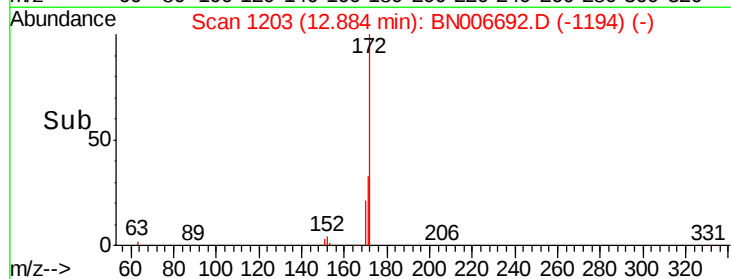
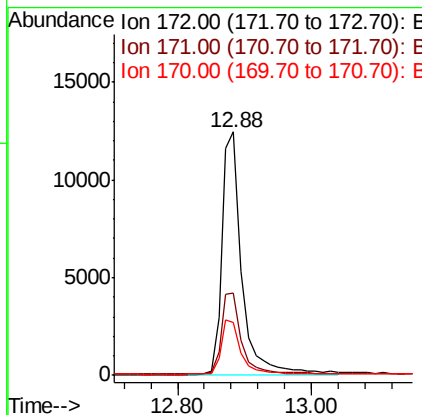
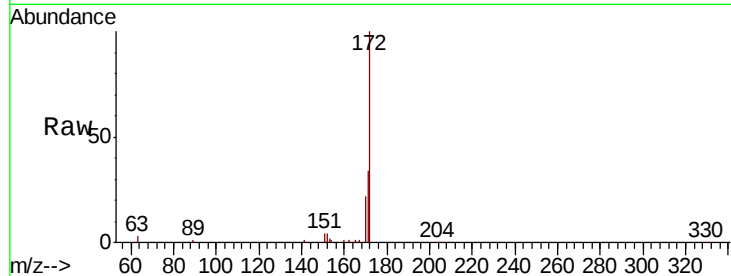




#15
2-Fluorobiphenyl
Concen: 0.871 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

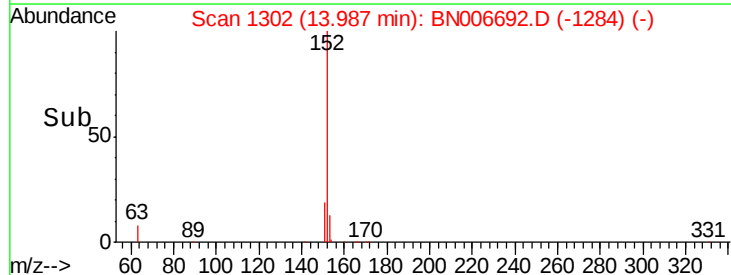
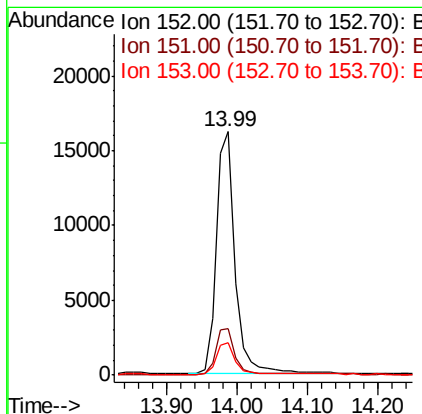
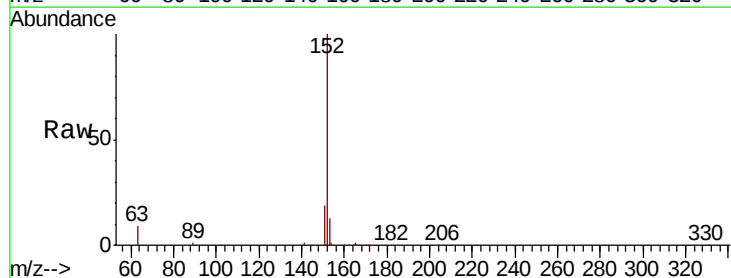
Instrument :
BNA_N
ClientSampleId :

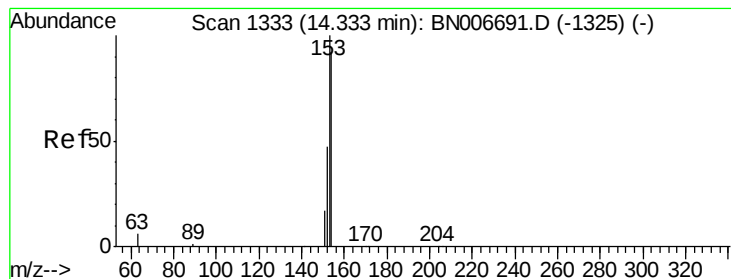
Tot Ion:172 Resp: 25570
Ion Ratio Lower Upper
172 100
171 33.7 27.8 41.6
170 21.8 18.9 28.3



#16
Acenaphthylene
Concen: 0.801 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion:152 Resp: 30278
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.789 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

Instrument :

BNA_N

ClientSampleId :

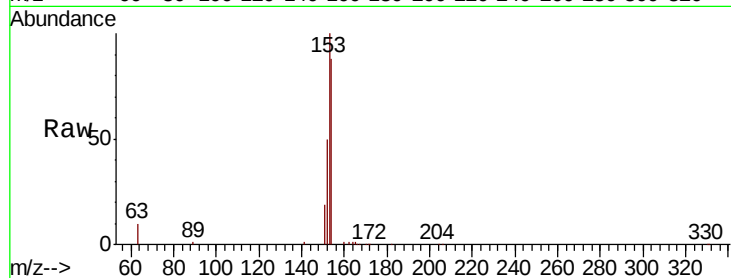
Tot Ion:154 Resp: 19636

Ion Ratio Lower Upper

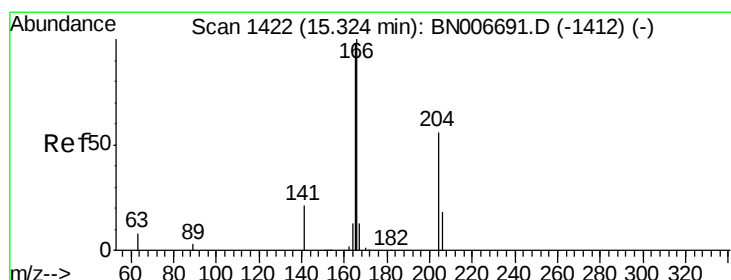
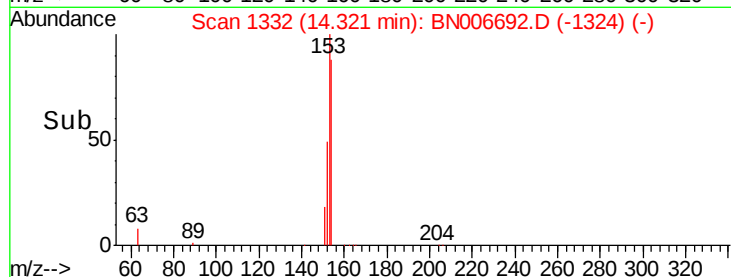
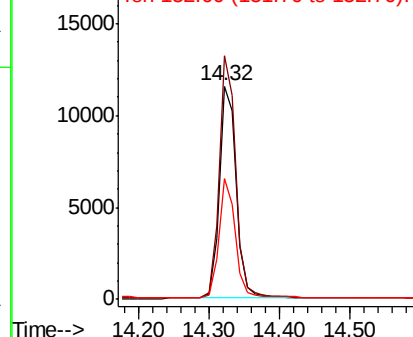
154 100

153 111.9 88.9 133.3

152 53.9 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: 0.770 ng

RT: 15.32 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

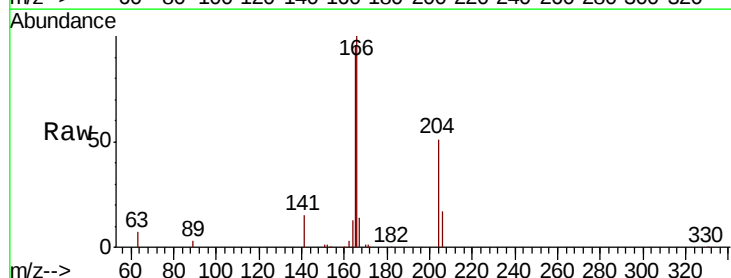
Tgt Ion:166 Resp: 24188

Ion Ratio Lower Upper

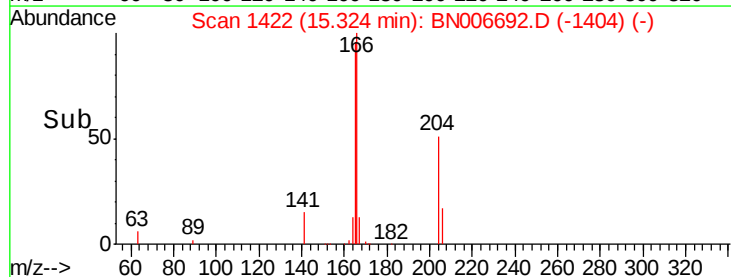
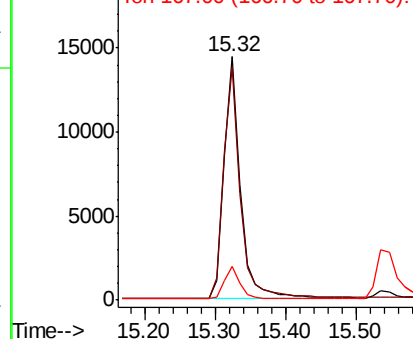
166 100

165 97.2 78.0 117.0

167 13.4 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: BN006692.D

Acq: 02 Jul 2019 15:10

Instrument :

BNA_N

ClientSampleId :

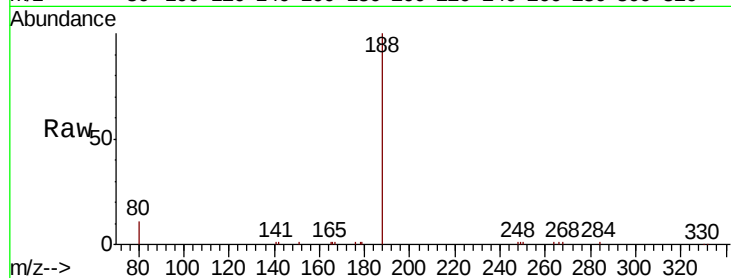
Tot Ion:188 Resp: 17058

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

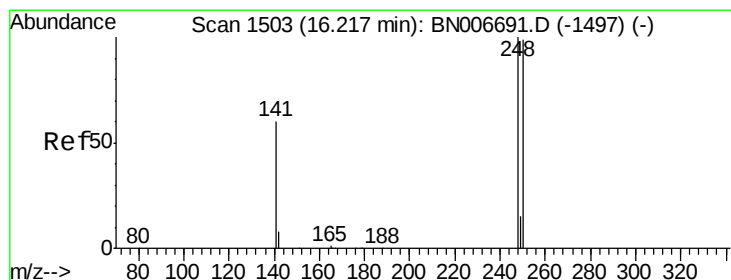
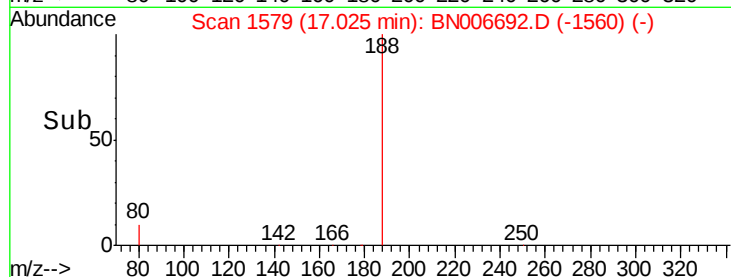
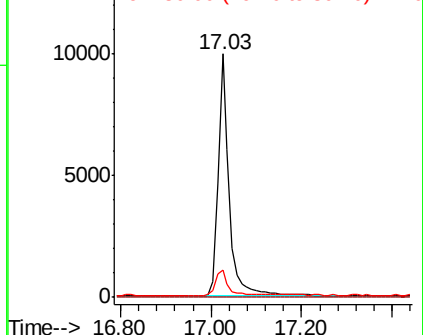
80 11.2 10.3 15.5



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: 0.810 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

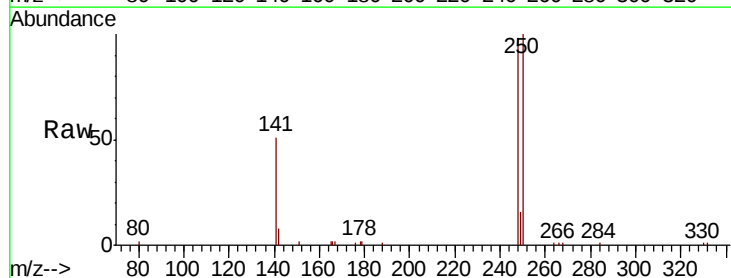
Tgt Ion:248 Resp: 7654

Ion Ratio Lower Upper

248 100

250 101.8 79.0 118.6

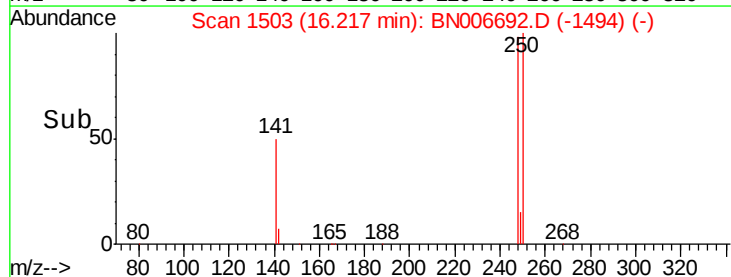
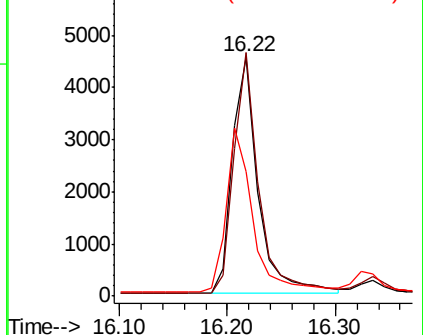
141 52.3 50.2 75.4



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

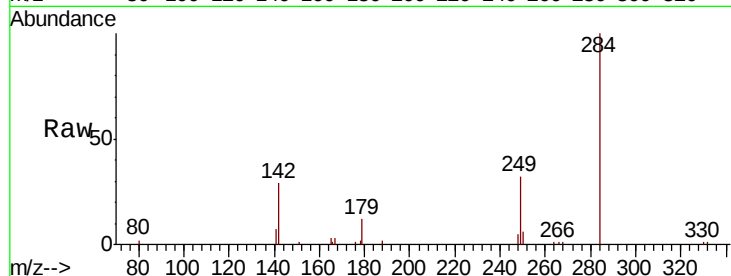




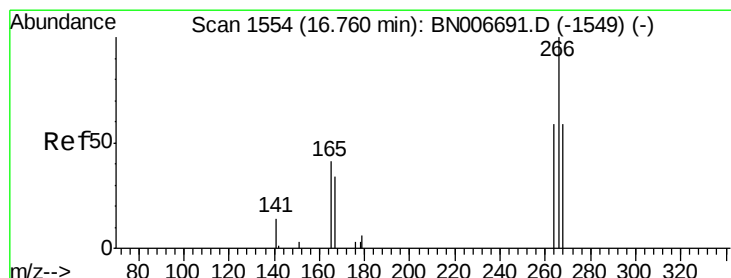
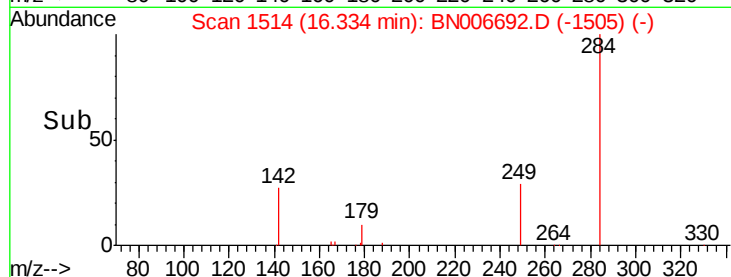
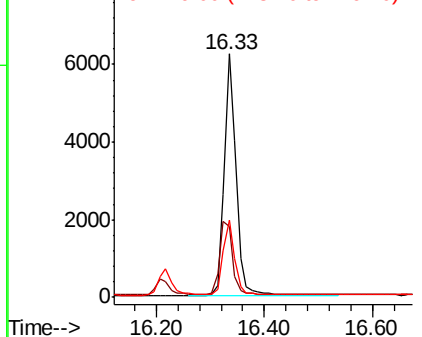
#21
Hexachlorobenzene
Concen: 0.785 ng
RT: 16.33 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 9376
Ion Ratio Lower Upper
284 100
142 33.4 26.9 40.3
249 30.5 24.4 36.6

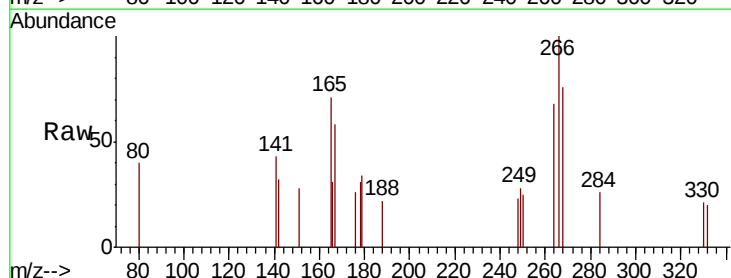


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

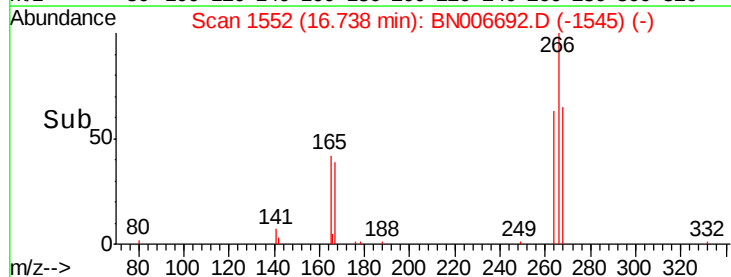
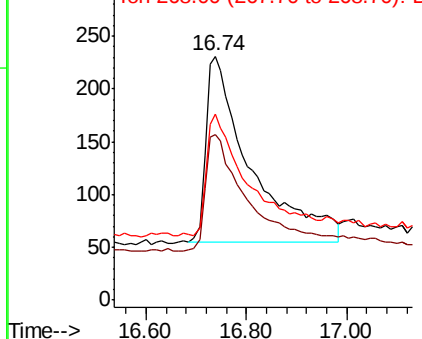


#22
Pentachlorophenol
Concen: 0.572 ng
RT: 16.74 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion:266 Resp: 1089
Ion Ratio Lower Upper
266 100
264 68.0 57.6 86.4
268 76.2 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: 0.771 ng

RT: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

Instrument :

BNA_N

ClientSampleId :

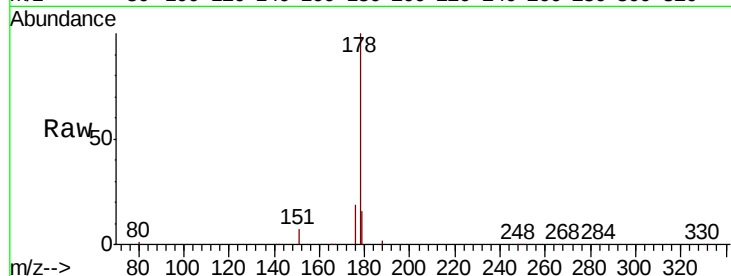
Tot Ion:178 Resp: 37417

Ion Ratio Lower Upper

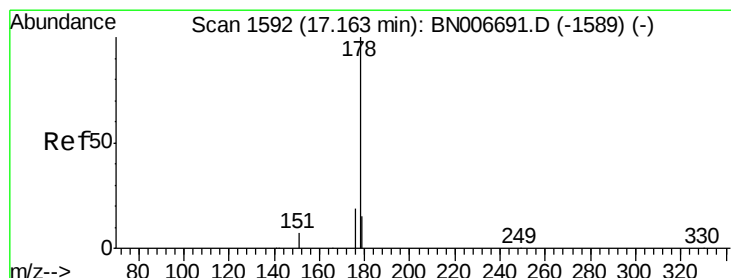
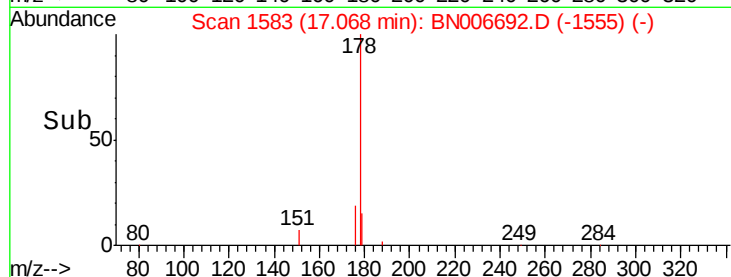
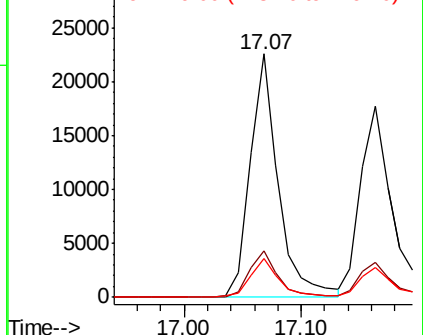
178 100

176 19.0 15.3 22.9

179 15.4 12.4 18.6



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: 0.797 ng

RT: 17.16 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

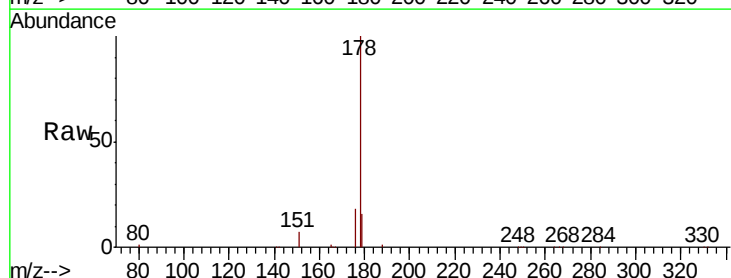
Tgt Ion:178 Resp: 33523

Ion Ratio Lower Upper

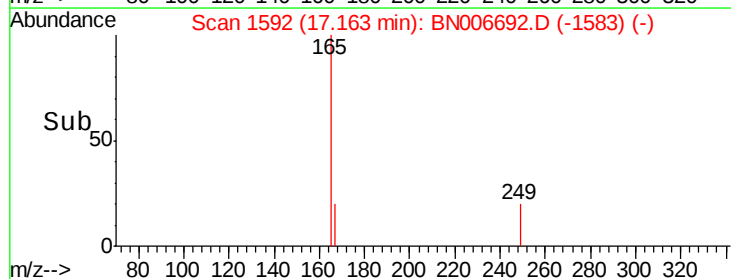
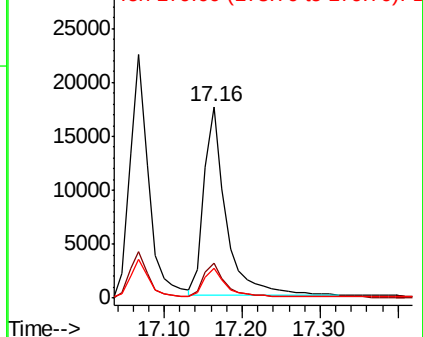
178 100

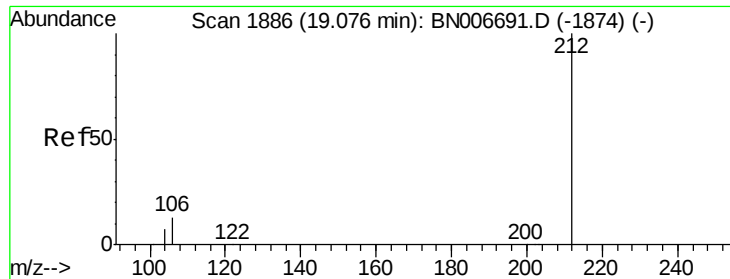
176 18.5 14.8 22.2

179 15.3 11.9 17.9



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

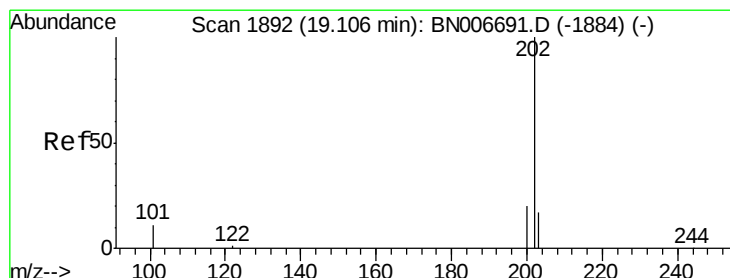
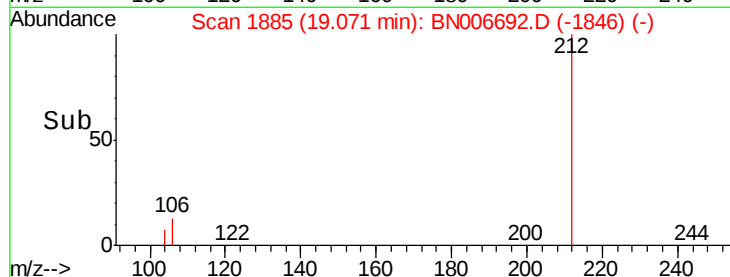
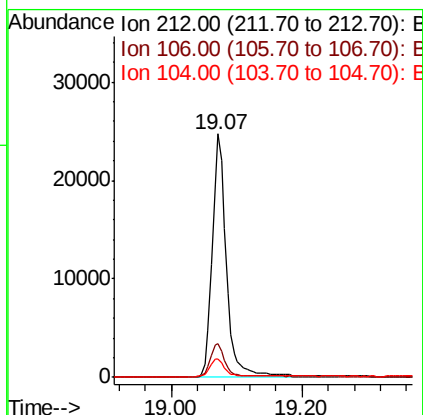
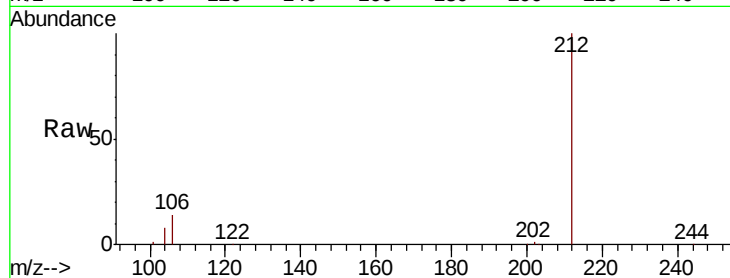




#25
 Fluoranthene-d10
 Concen: 0.740 ng
 RT: 19.07 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BN006692.D
 Acq: 02 Jul 2019 15:10

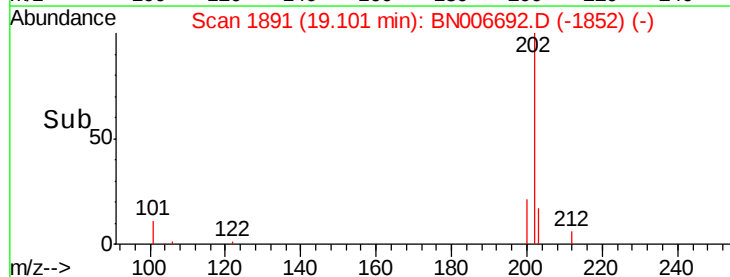
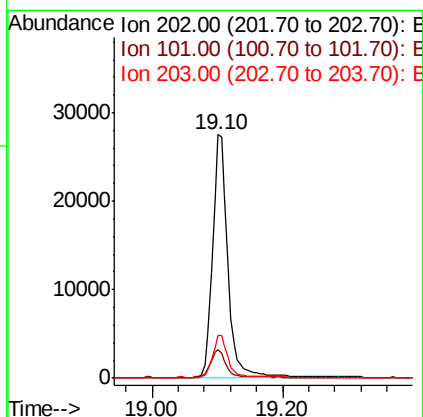
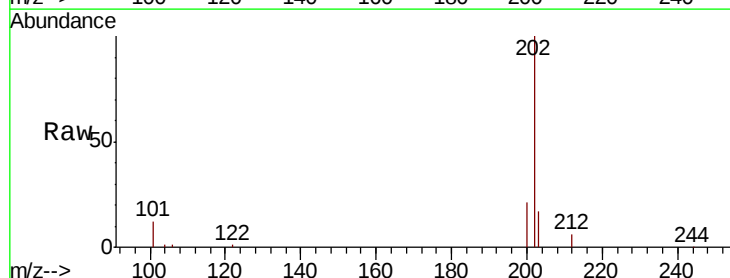
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:212 Resp: 37071
 Ion Ratio Lower Upper
 212 100
 106 13.9 11.0 16.6
 104 7.5 6.1 9.1



#26
 Fluoranthene
 Concen: 0.749 ng
 RT: 19.10 min Scan# 1891
 Delta R.T. -0.01 min
 Lab File: BN006692.D
 Acq: 02 Jul 2019 15:10

Tgt Ion:202 Resp: 44135
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.7 13.1
 203 17.0 13.8 20.6

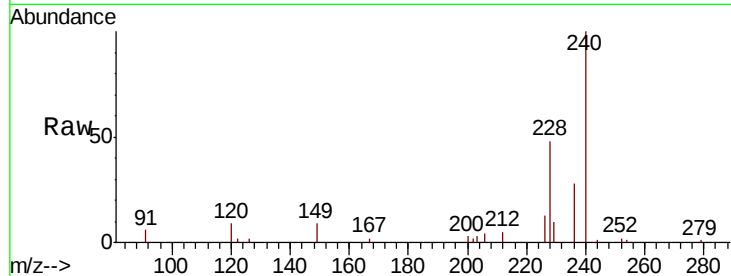




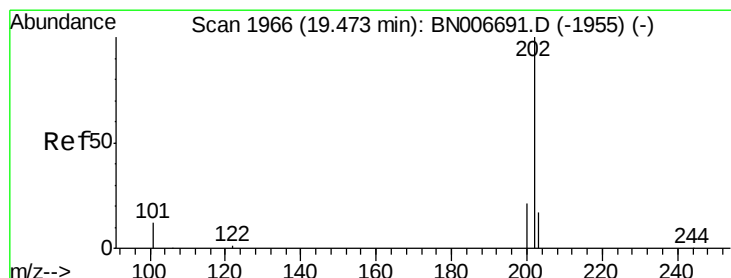
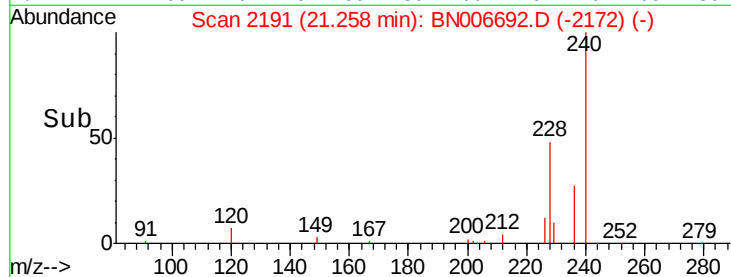
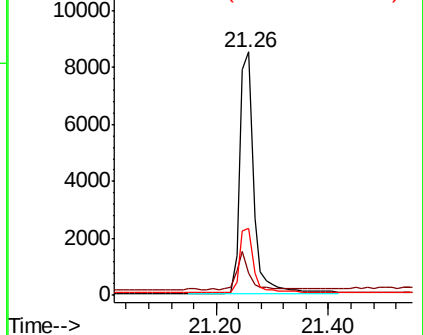
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Instrument :
BNA_N
ClientSampled :

Tot Ion:240 Resp: 14582
Ion Ratio Lower Upper
240 100
120 9.2 12.9 19.3#
236 27.5 23.2 34.8

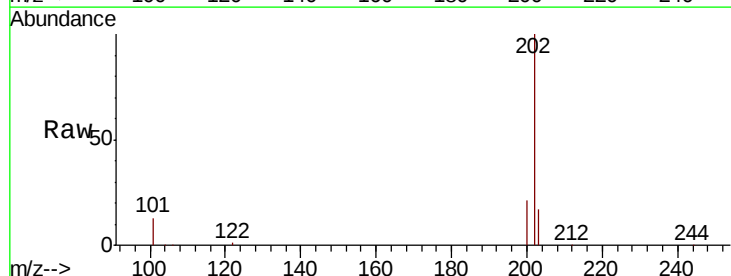


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

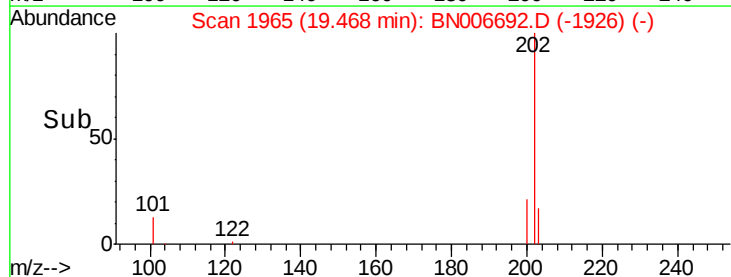
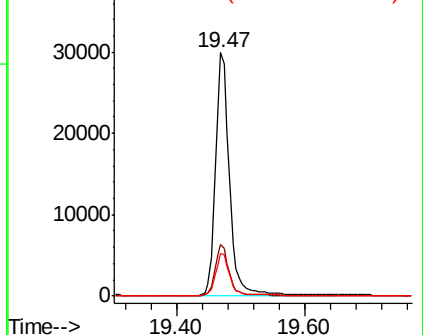


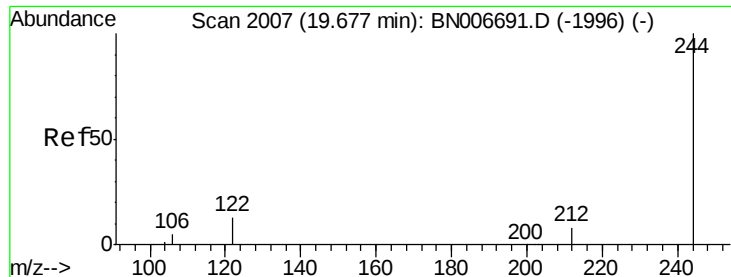
#28
Pyrene
Concen: 0.885 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion:202 Resp: 45141
Ion Ratio Lower Upper
202 100
200 20.7 16.8 25.2
203 17.5 14.2 21.2



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: 0.901 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

Instrument :

BNA_N

ClientSampled :

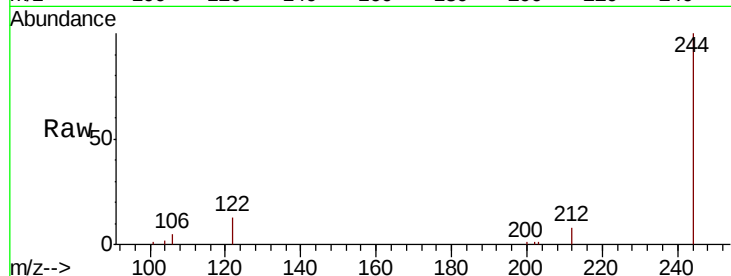
Tot Ion:244 Resp: 27508

Ion Ratio Lower Upper

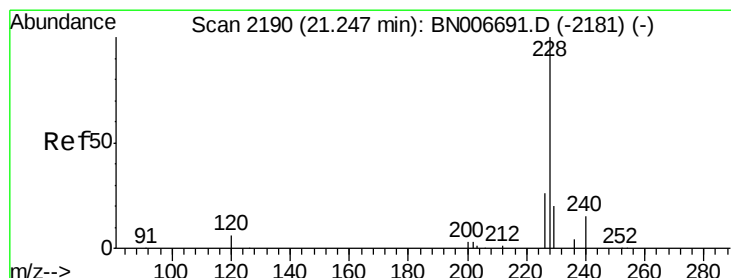
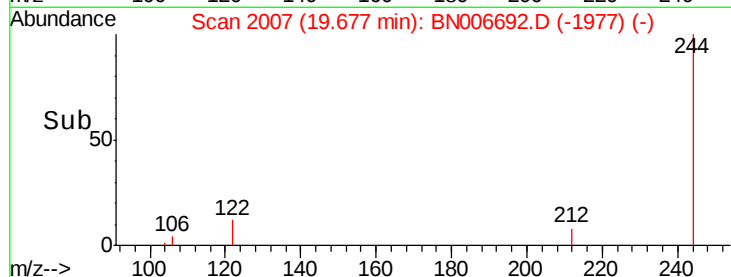
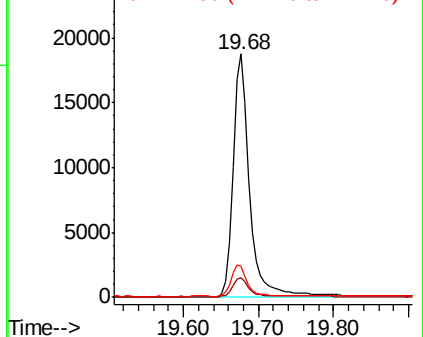
244 100

212 8.0 7.0 10.4

122 12.6 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: 0.815 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

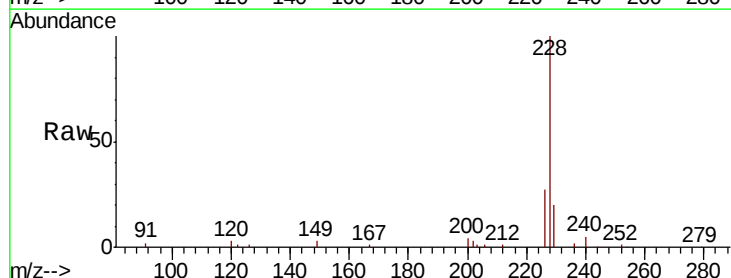
Tgt Ion:228 Resp: 38833

Ion Ratio Lower Upper

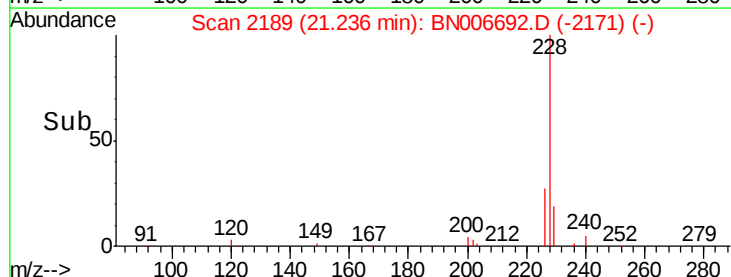
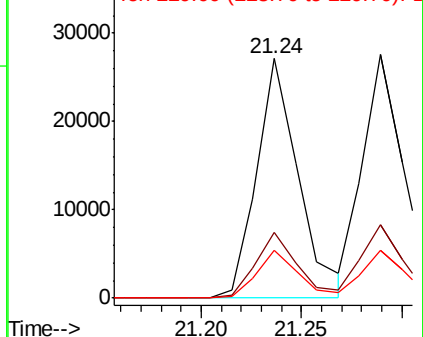
228 100

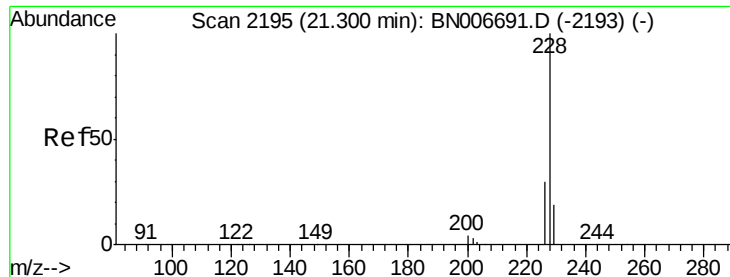
226 27.3 21.5 32.3

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: 0.783 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

Instrument :

BNA_N

ClientSampleId :

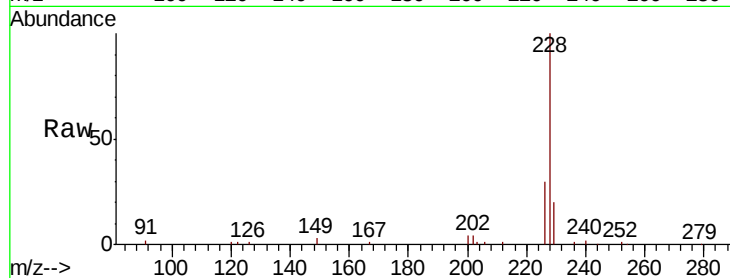
Tot Ion:228 Resp: 40249

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

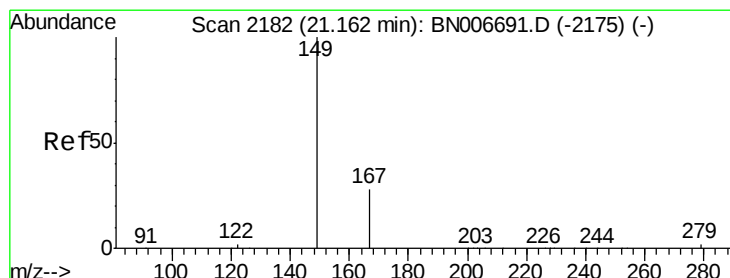
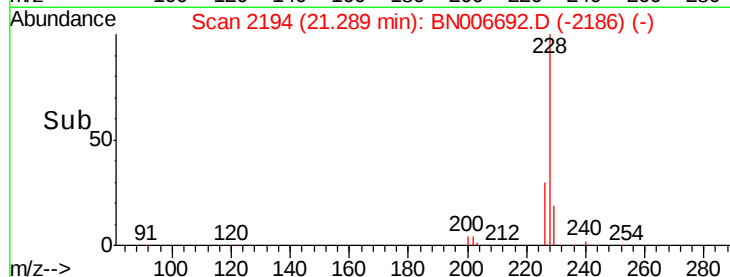
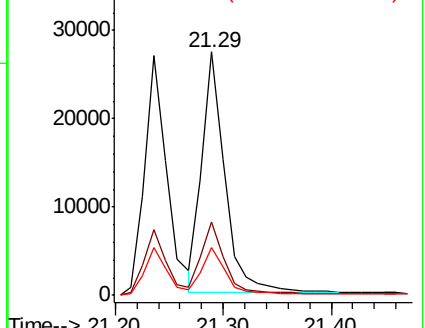
229 19.6 15.8 23.6



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: 1.792 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

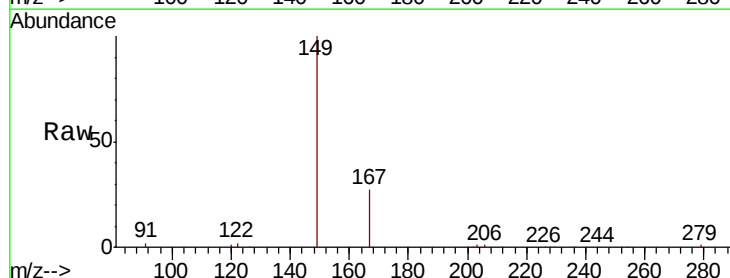
Tgt Ion:149 Resp: 42990

Ion Ratio Lower Upper

149 100

167 28.7 22.9 34.3

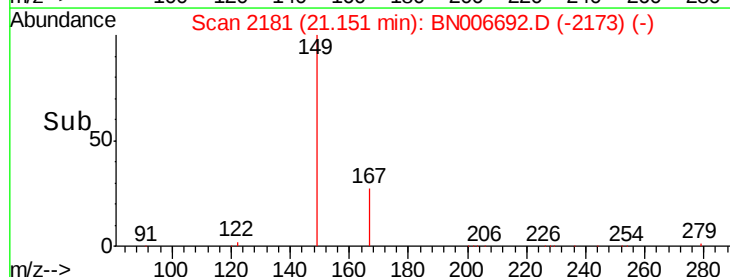
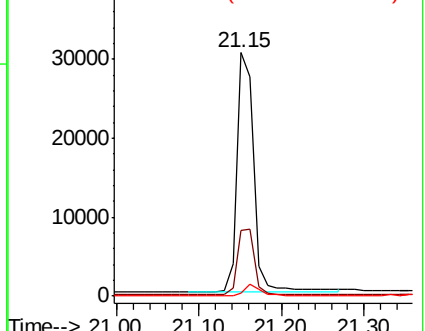
279 3.9 3.2 4.8



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

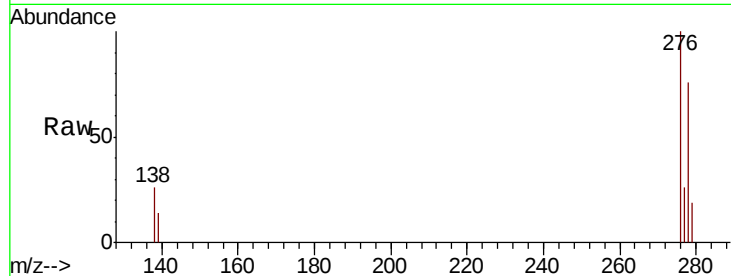




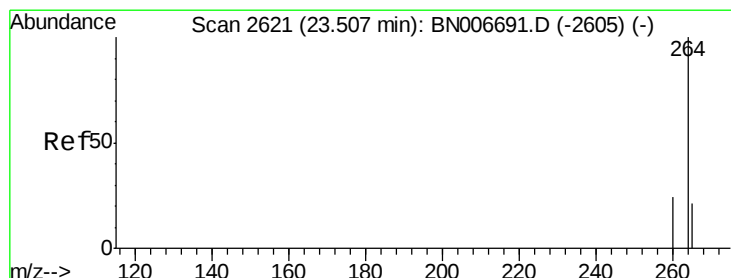
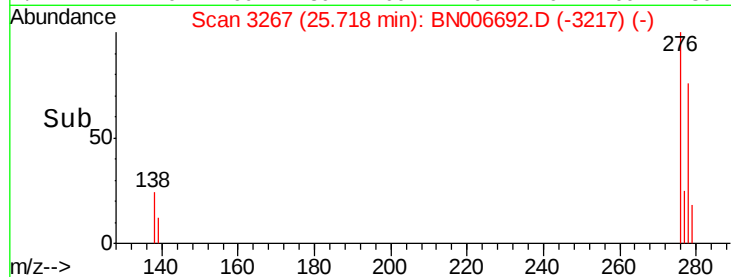
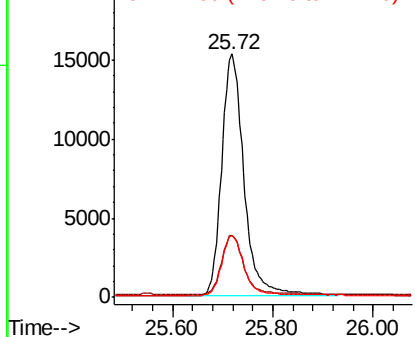
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.920 ng
 RT: 25.72 min Scan# 3267
 Delta R.T. -0.03 min
 Lab File: BN006692.D
 Acq: 02 Jul 2019 15:10

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 47833
 Ion Ratio Lower Upper
 276 100
 138 24.6 19.5 29.3
 277 24.7 19.7 29.5

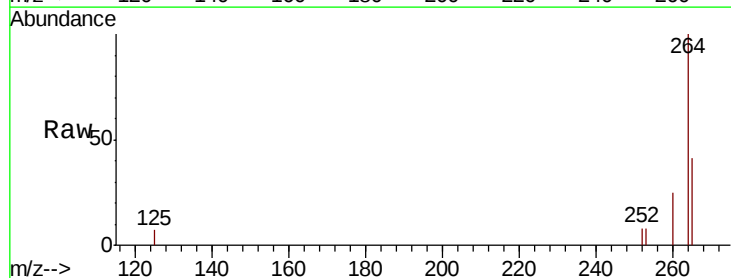


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

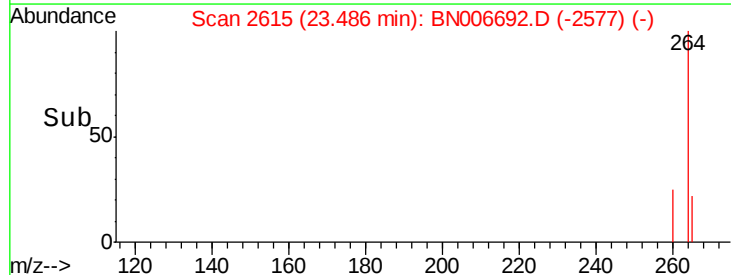
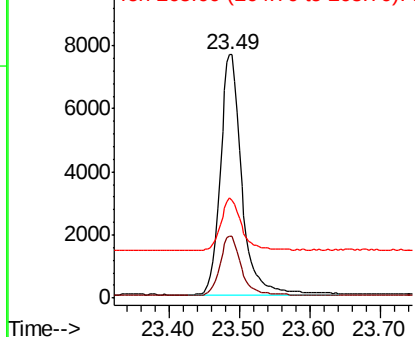


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.49 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BN006692.D
 Acq: 02 Jul 2019 15:10

Tgt Ion:264 Resp: 16097
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.2 30.2
 265 40.9 33.7 50.5



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

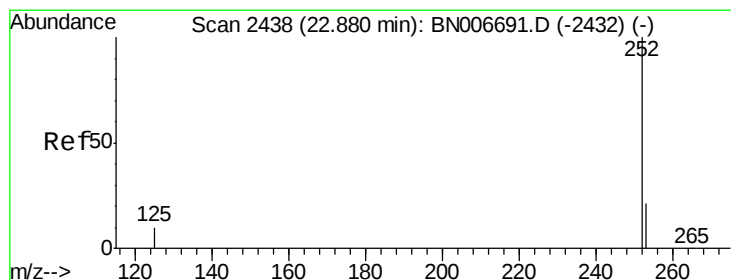
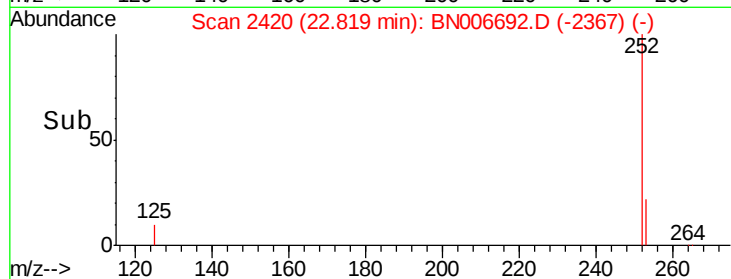
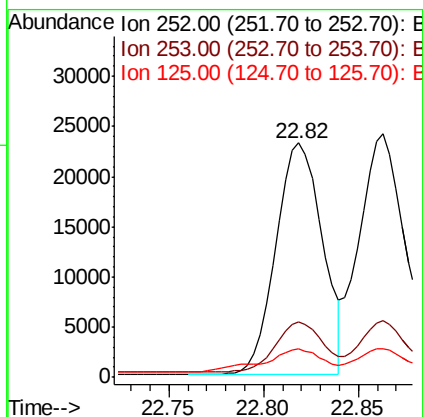
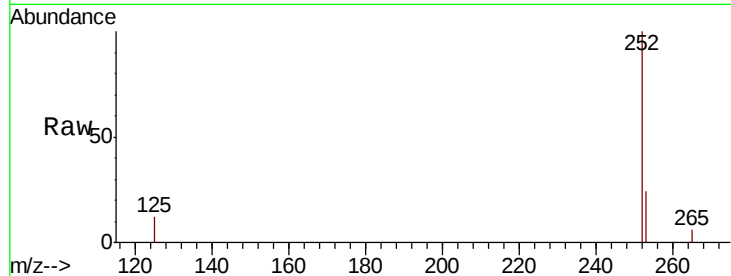




#35
Benzo(b)fluoranthene
Concen: 0.715 ng
RT: 22.82 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

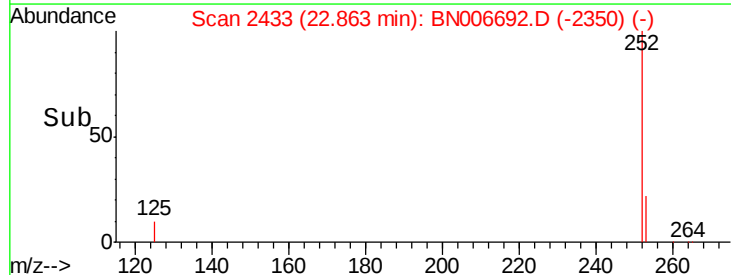
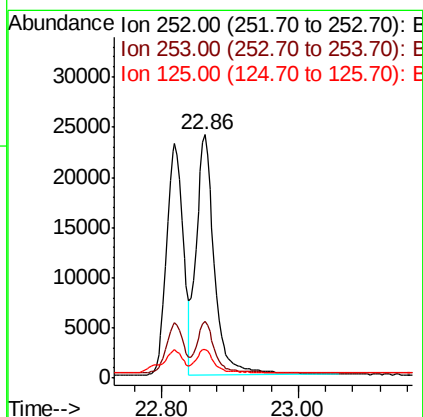
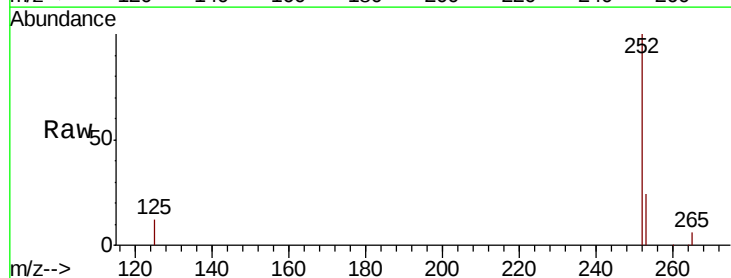
Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 39159
Ion Ratio Lower Upper
252 100
253 23.6 20.2 30.2
125 12.0 11.5 17.3



#36
Benzo(k)fluoranthene
Concen: 0.763 ng
RT: 22.86 min Scan# 2433
Delta R.T. -0.02 min
Lab File: BN006692.D
Acq: 02 Jul 2019 15:10

Tgt Ion:252 Resp: 44547
Ion Ratio Lower Upper
252 100
253 23.5 20.1 30.1
125 11.7 11.4 17.0





#37

Benzo(a)pyrene

Concen: 0.761 ng

RT: 23.39 min Scan# 2587

Delta R.T. -0.02 min

Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

Instrument :

BNA_N

ClientSampleId :

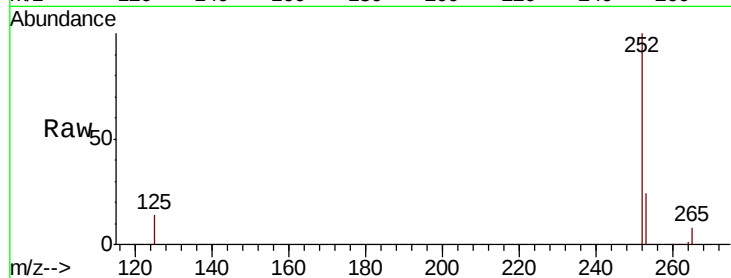
Tot Ion:252 Resp: 38947

Ion Ratio Lower Upper

252 100

253 24.2 21.4 32.2

125 13.5 13.3 19.9

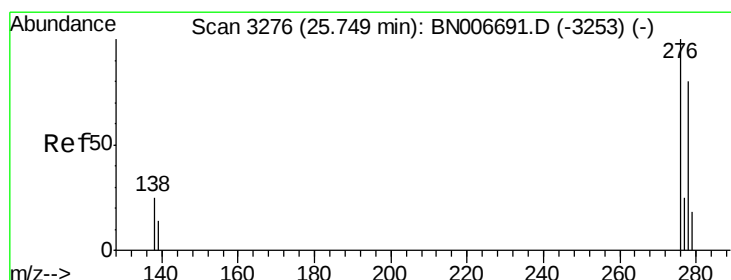
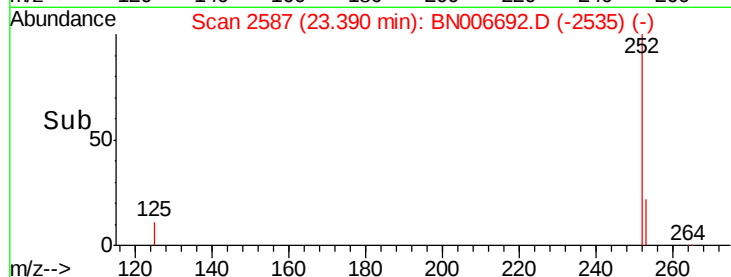
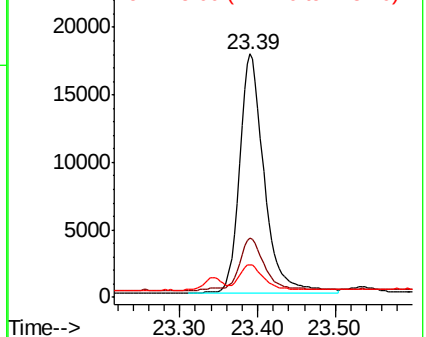


Abundance

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: 0.855 ng

RT: 25.72 min Scan# 3269

Delta R.T. -0.02 min

Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

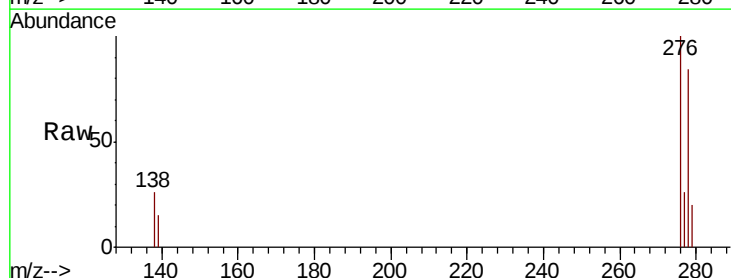
Tgt Ion:278 Resp: 38227

Ion Ratio Lower Upper

278 100

139 17.9 16.2 24.4

279 24.4 20.7 31.1

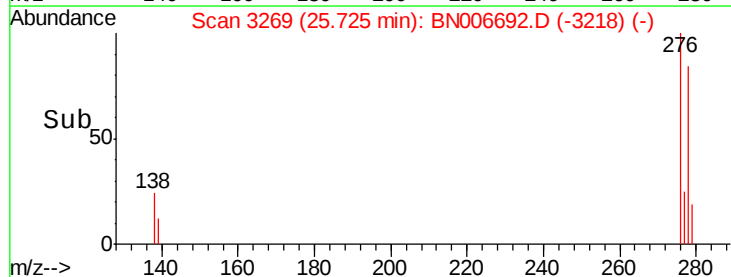
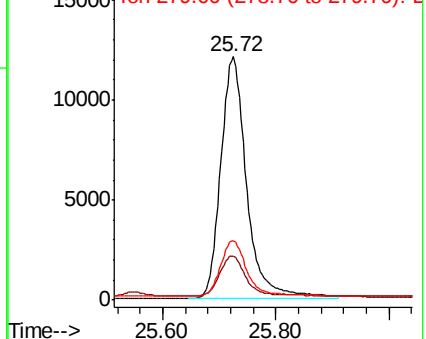


Abundance

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: 0.883 ng

RT: 26.40 min Scan# 3466

Delta R.T. -0.03 min

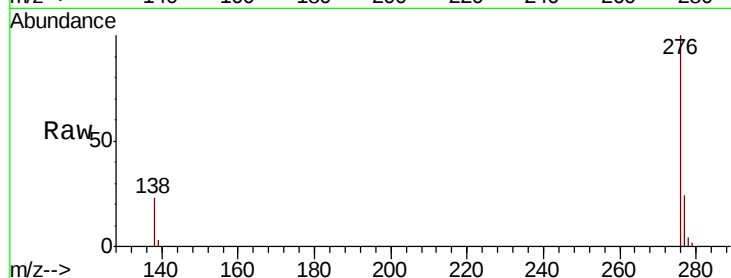
Lab File: BN006692.D

Acq: 02 Jul 2019 15:10

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 39435

Ion Ratio Lower Upper

276 100

277 24.4 20.6 30.8

138 22.8 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

