

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062819\
 Data File : BN006611.D
 Acq On : 28 Jun 2019 13:47
 Operator : HP/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 28 18:38:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 18:31:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3832	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	16716	0.40	ng	0.00
13) Acenaphthene-d10	14.28	164	10592	0.40	ng	0.00
19) Phenanthrene-d10	17.04	188	24950	0.40	ng	0.00
27) Chrysene-d12	21.28	240	24817	0.40	ng	0.01
34) Perylene-d12	23.54	264	24958	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	3640	0.39	ng	0.00
5) Phenol-d6	6.83	99	4698	0.38	ng	0.00
8) Nitrobenzene-d5	8.81	82	4135	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.01	152	10739	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	1807	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.89	172	15877	0.40	ng	0.00
25) Fluoranthene-d10	19.09	212	29163	0.40	ng	0.00
29) Terphenyl-d14	19.69	244	21380	0.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	2292	0.432	ng	93
3) n-Nitrosodimethylamine	3.50	42	1539	0.369	ng	97
6) bis(2-Chloroethyl)ether	7.07	93	4534	0.409	ng	98
9) Naphthalene	10.45	128	18034	0.411	ng	100
10) Hexachlorobutadiene	10.73	225	3743	0.415	ng	# 98
12) 2-Methylnaphthalene	12.08	142	12517	0.412	ng	99
16) Acenaphthylene	14.00	152	19597	0.388	ng	99
17) Acenaphthene	14.33	154	13890	0.417	ng	99
18) Fluorene	15.34	166	17251	0.411	ng	99
20) 4-Bromophenyl-phenylether	16.23	248	5576	0.403	ng	95
21) Hexachlorobenzene	16.35	284	7248	0.415	ng	100
22) Pentachlorophenol	16.74	266	916	0.422	ng	98
23) Phenanthrene	17.08	178	28604	0.403	ng	100
24) Anthracene	17.17	178	23413	0.380	ng	100
26) Fluoranthene	19.12	202	34997	0.406	ng	100
28) Pyrene	19.48	202	36087	0.416	ng	100
30) Benzo(a)anthracene	21.26	228	31379	0.387	ng	97
31) Chrysene	21.32	228	36410	0.416	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	14288	0.350	ng	100
33) Indeno(1,2,3-cd)pyrene	25.78	276	34968	0.395	ng	100
35) Benzo(b)fluoranthene	22.87	252	35824	0.422	ng	99
36) Benzo(k)fluoranthene	22.91	252	38880	0.430	ng	100
37) Benzo(a)pyrene	23.44	252	33440	0.421	ng	99
38) Dibenzo(a,h)anthracene	25.79	278	28058	0.405	ng	99
39) Benzo(g,h,i)perylene	26.47	276	28132	0.406	ng	100

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

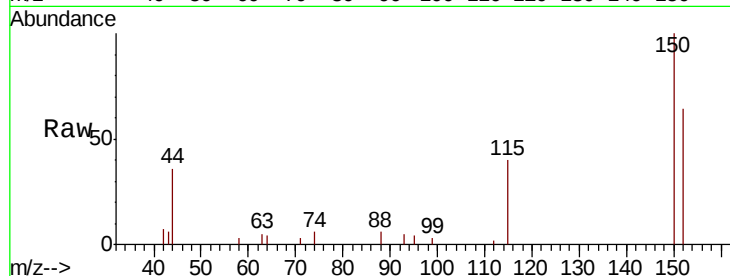


#1

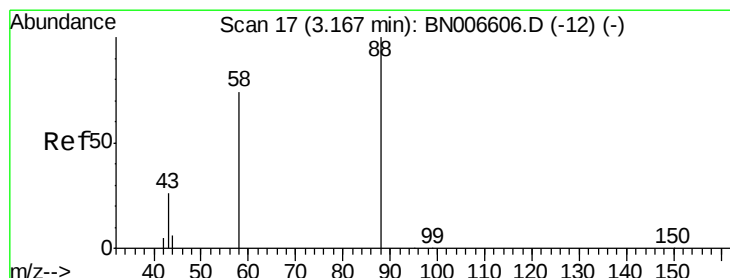
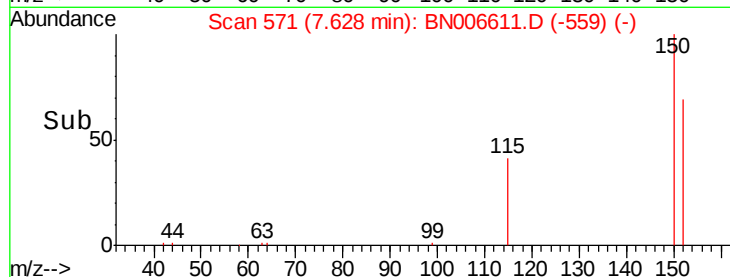
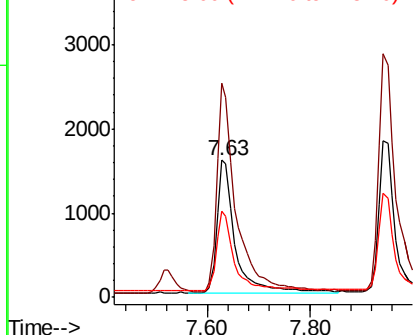
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. 0.00 min
Lab File: BN006611.D
Acq: 28 Jun 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3832
Ion Ratio Lower Upper
152 100
150 155.6 122.2 183.2
115 62.5 50.0 75.0



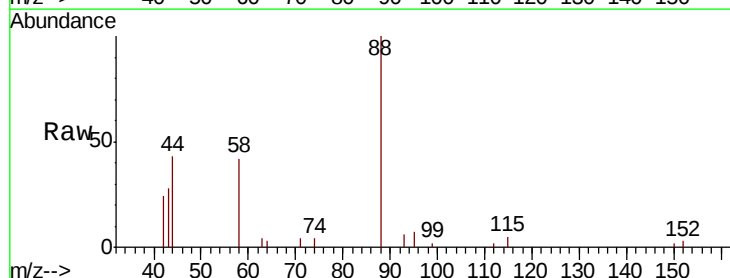
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



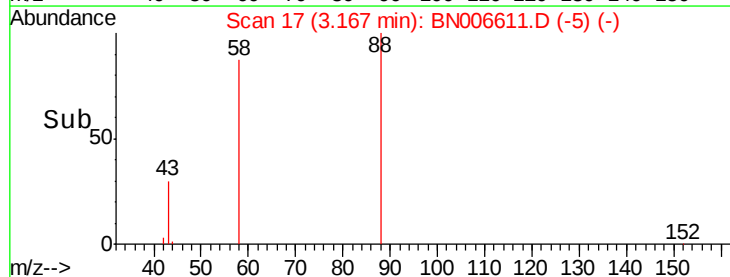
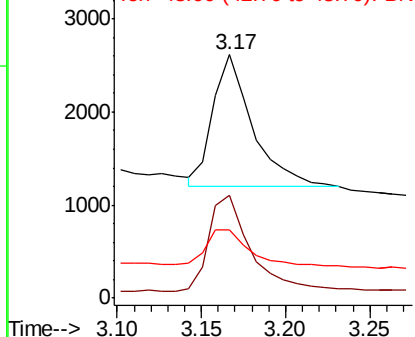
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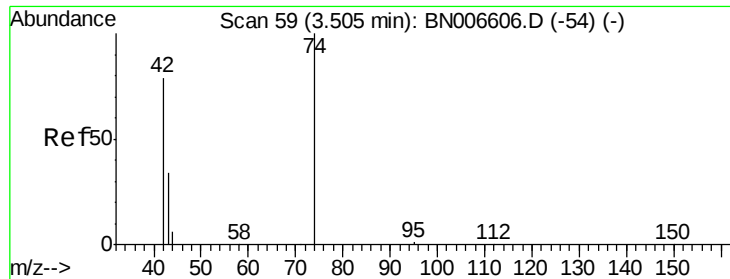
1,4-Dioxane
Concen: 0.432 ng
RT: 3.17 min Scan# 17
Delta R.T. 0.00 min
Lab File: BN006611.D
Acq: 28 Jun 2019 13:47

Tgt Ion: 88 Resp: 2292
Ion Ratio Lower Upper
88 100
58 76.9 68.0 102.0
43 30.4 25.8 38.6



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



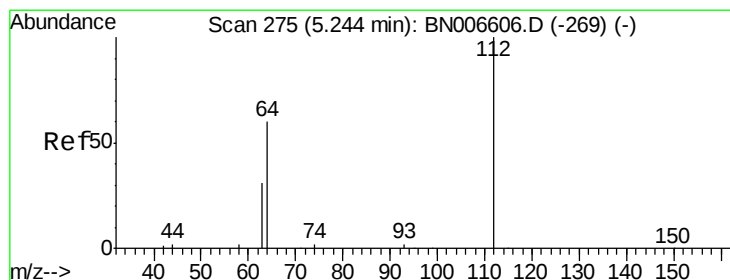
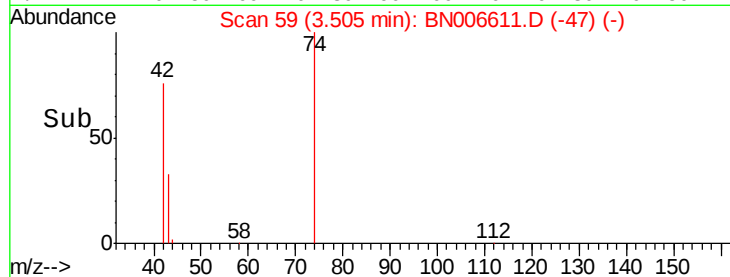
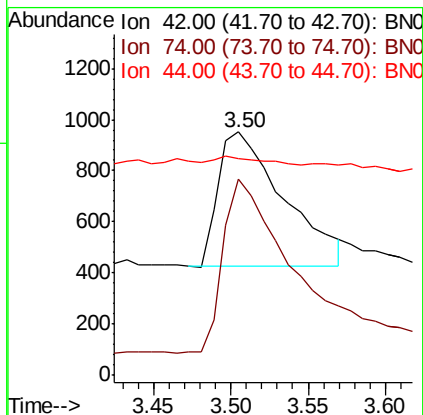
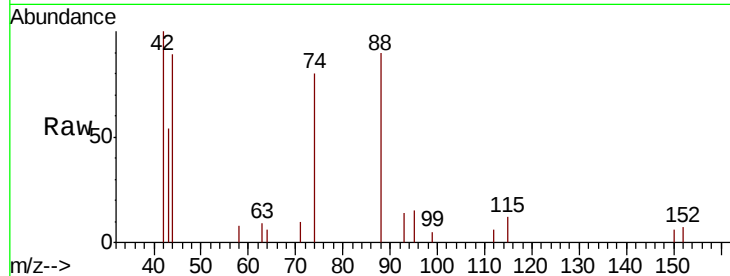


#3

n-Nitrosodimethylamine
 Concen: 0.369 ng
 RT: 3.50 min Scan# 59
 Delta R.T. 0.00 min
 Lab File: BN006611.D
 Acq: 28 Jun 2019 13:47

Instrument :
 BNA_N
 ClientSampleId :

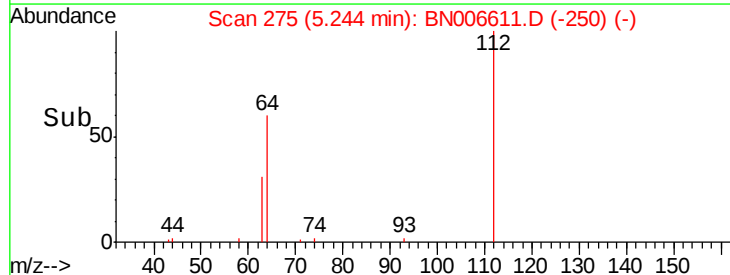
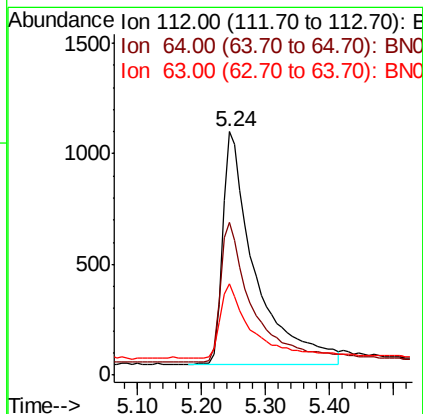
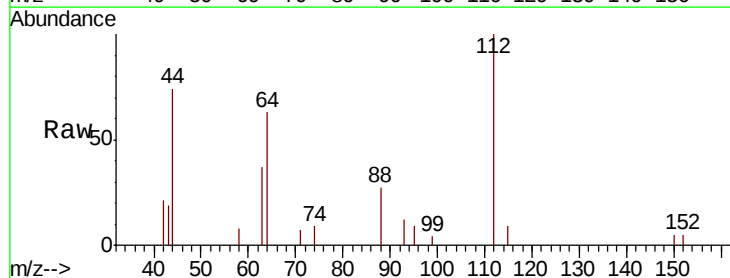
Tot Ion: 42 Resp: 1539
 Ion Ratio Lower Upper
 42 100
 74 130.3 101.2 151.8
 44 4.1 3.7 5.5

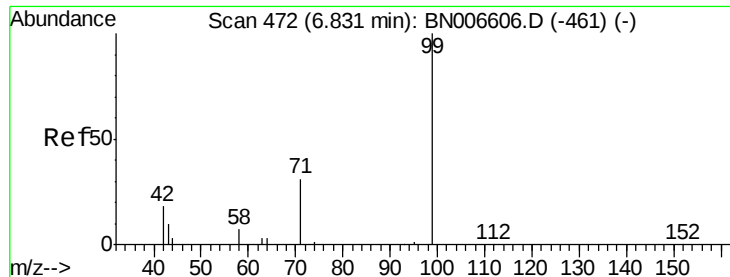


#4

2-Fluorophenol
 Concen: 0.387 ng
 RT: 5.24 min Scan# 275
 Delta R.T. 0.00 min
 Lab File: BN006611.D
 Acq: 28 Jun 2019 13:47

Tgt Ion: 112 Resp: 3640
 Ion Ratio Lower Upper
 112 100
 64 60.8 49.0 73.4
 63 31.7 24.5 36.7





#5

Phenol-d6

Concen: 0.378 ng

RT: 6.83 min Scan# 472

Delta R.T. 0.00 min

Lab File: BN006611.D

Acq: 28 Jun 2019 13:47

Instrument :

BNA_N

ClientSampleId :

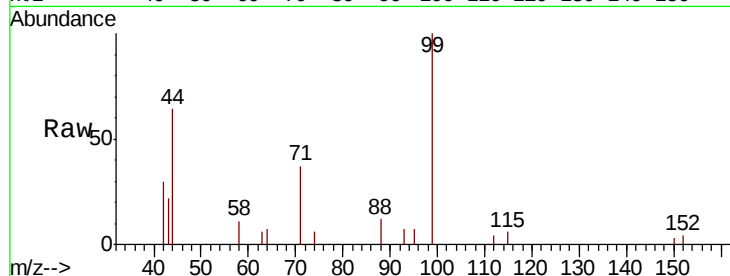
Tot Ion: 99 Resp: 4698

Ion Ratio Lower Upper

99 100

42 19.7 16.1 24.1

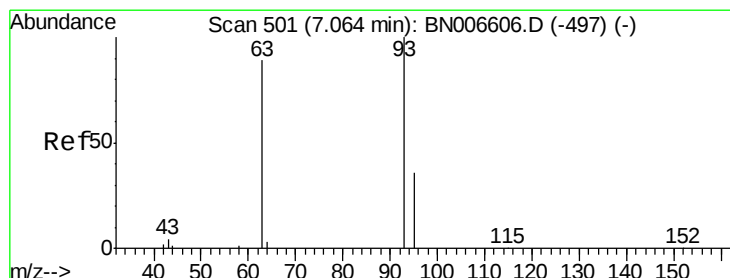
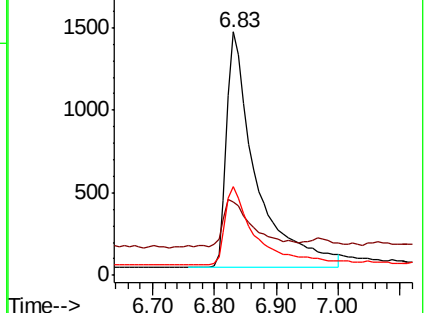
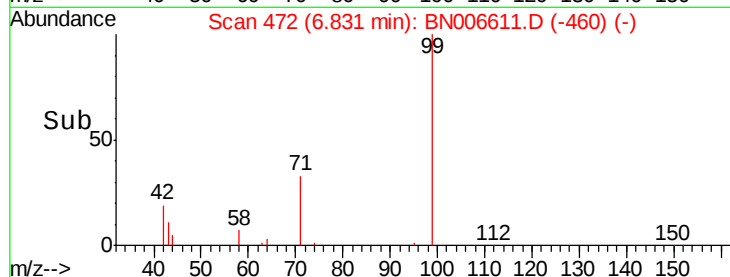
71 34.0 27.0 40.4



Abundance Ion 99.00 (98.70 to 99.70): BN006611.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006611.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006611.D (-460) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.409 ng

RT: 7.07 min Scan# 502

Delta R.T. 0.01 min

Lab File: BN006611.D

Acq: 28 Jun 2019 13:47

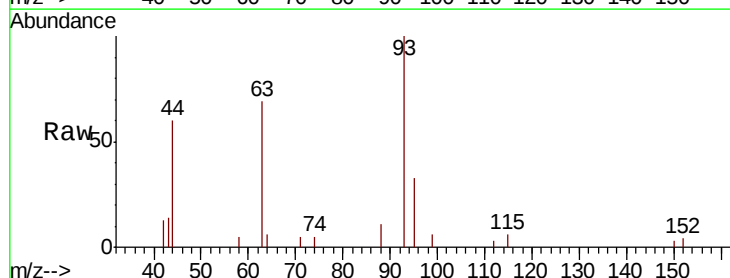
Tgt Ion: 93 Resp: 4534

Ion Ratio Lower Upper

93 100

63 63.9 52.5 78.7

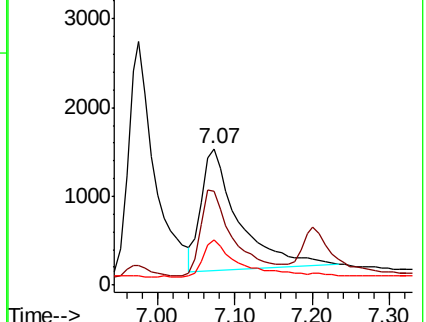
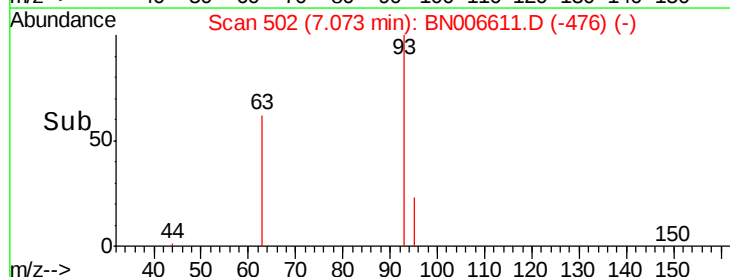
95 31.1 24.2 36.4

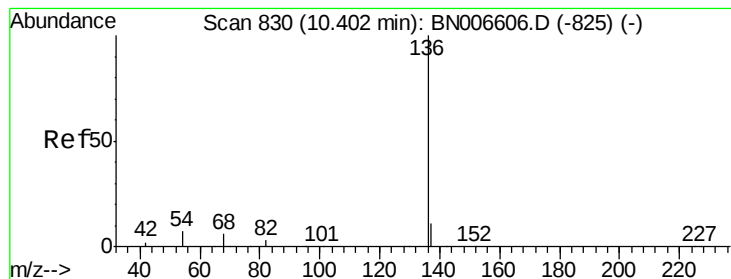


Abundance Ion 93.00 (92.70 to 93.70): BN006611.D (-476) (-)

Ion 63.00 (62.70 to 63.70): BN006611.D (-476) (-)

Ion 95.00 (94.70 to 95.70): BN006611.D (-476) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. 0.00 min

Lab File: BN006611.D

Acq: 28 Jun 2019 13:47

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 16716

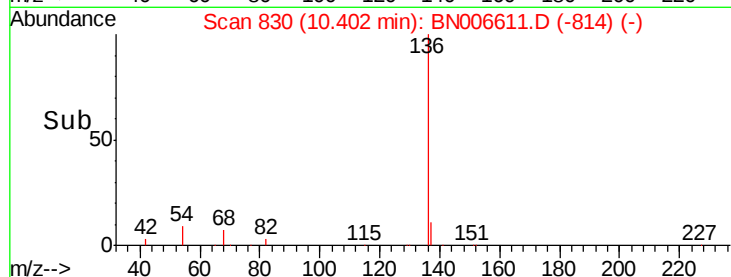
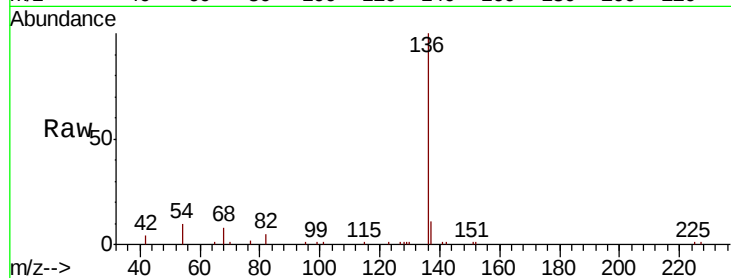
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 10.5 6.7 10.1#

68 7.7 5.3 7.9

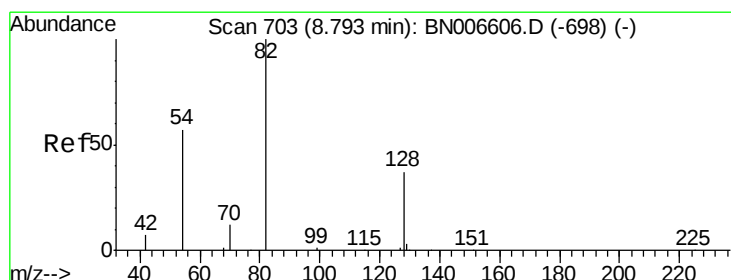
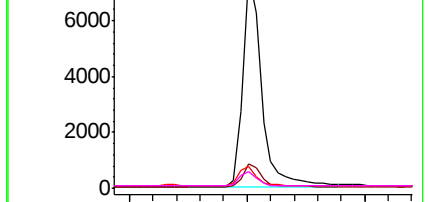


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.368 ng

RT: 8.81 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN006611.D

Acq: 28 Jun 2019 13:47

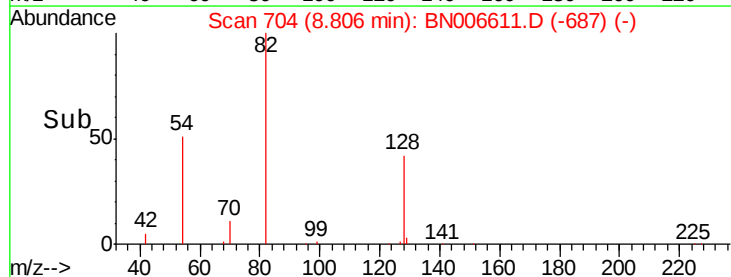
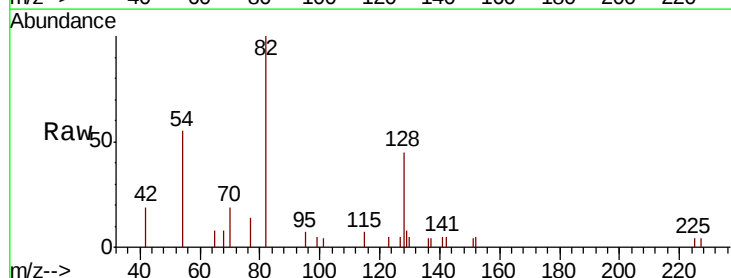
Tgt Ion: 82 Resp: 4135

Ion Ratio Lower Upper

82 100

128 45.3 32.6 49.0

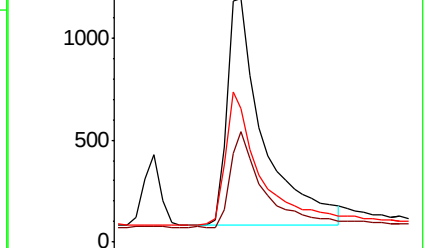
54 54.8 48.2 72.4

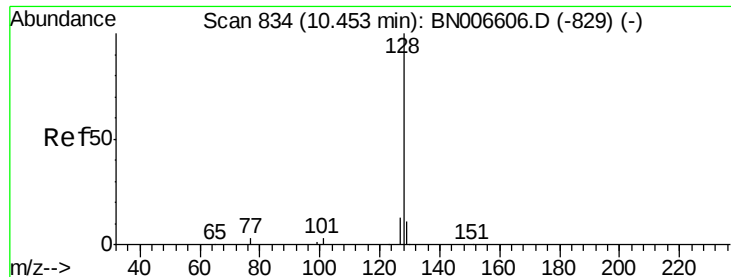


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.411 ng

RT: 10.45 min Scan# 834

Delta R.T. 0.00 min

Lab File: BN006611.D

Acq: 28 Jun 2019 13:47

Instrument :

BNA_N

ClientSampleId :

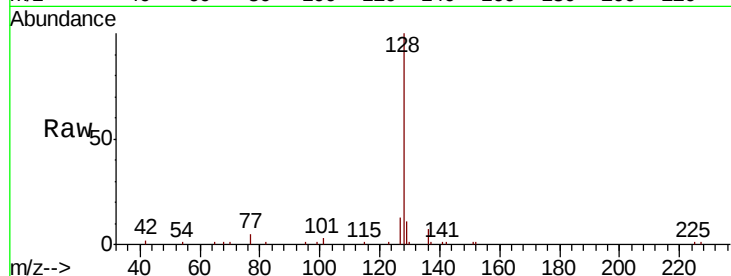
Tot Ion:128 Resp: 18034

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

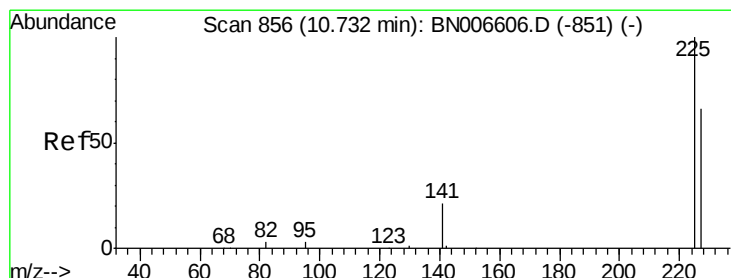
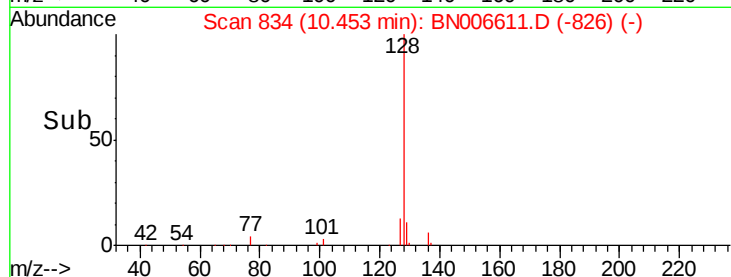
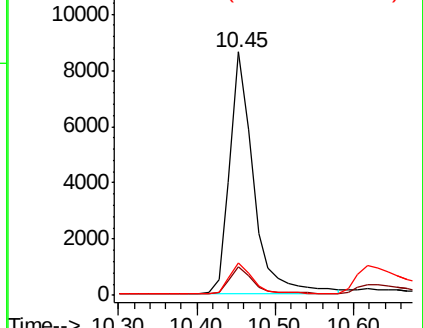
127 13.4 10.8 16.2



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: 0.415 ng

RT: 10.73 min Scan# 856

Delta R.T. 0.00 min

Lab File: BN006611.D

Acq: 28 Jun 2019 13:47

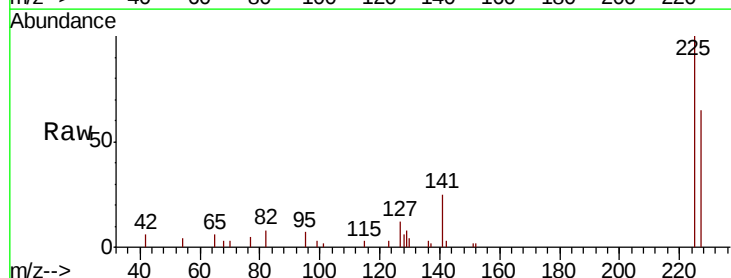
Tgt Ion:225 Resp: 3743

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

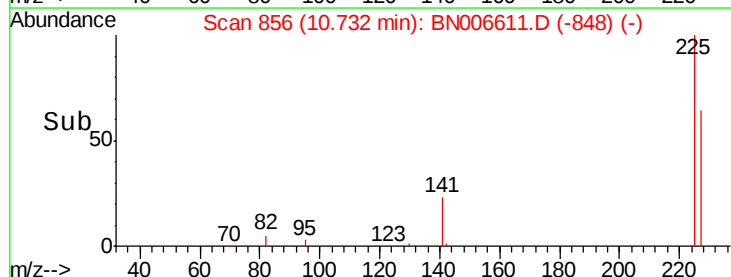
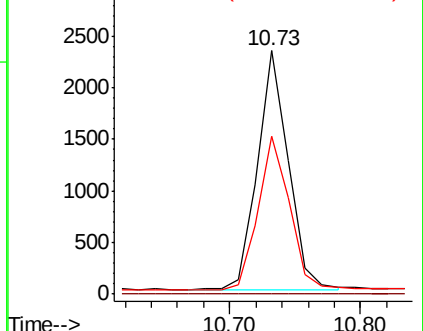
227 65.6 51.3 76.9

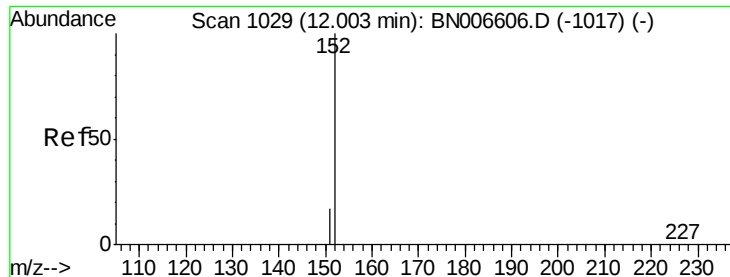


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

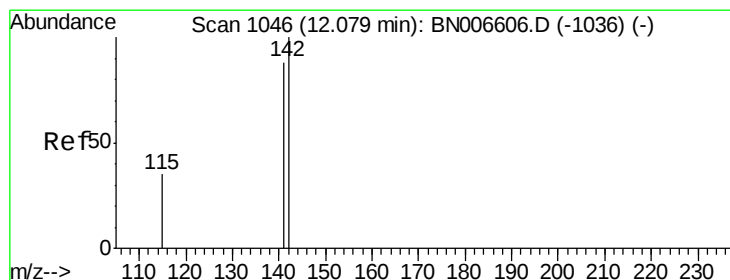
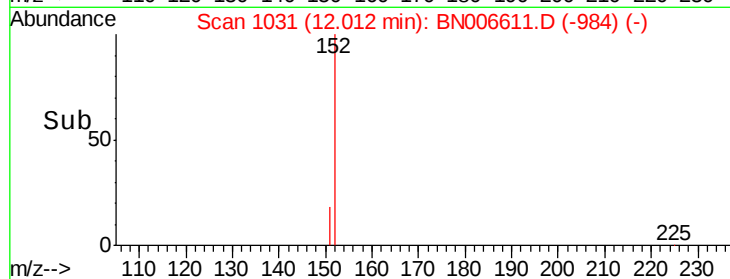
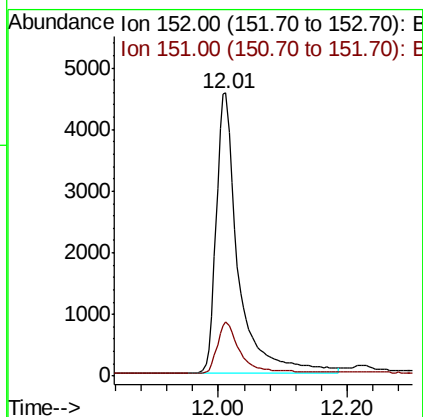
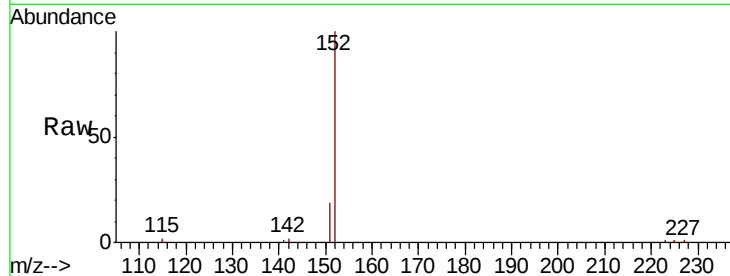




#11
 2-Methylnaphthalene-d10
 Concen: 0.408 ng
 RT: 12.01 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BN006611.D
 Acq: 28 Jun 2019 13:47

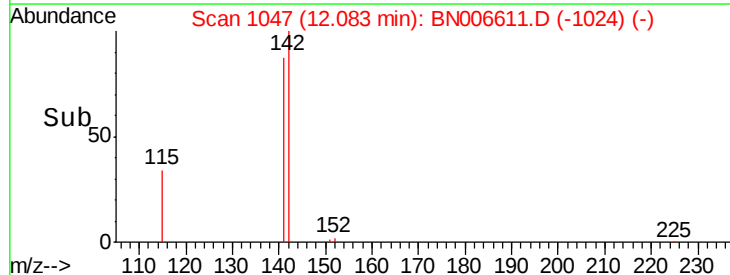
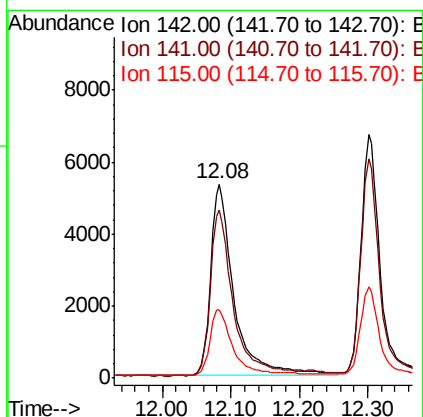
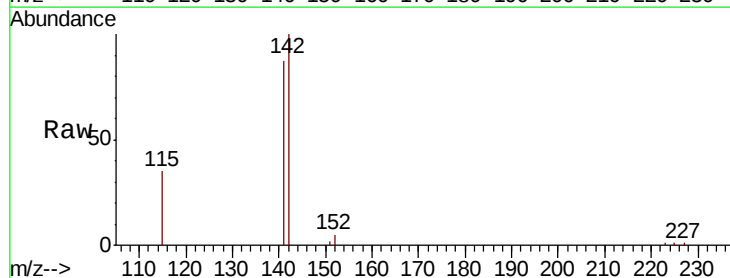
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:152 Resp: 10739
 Ion Ratio Lower Upper
 152 100
 151 18.6 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.412 ng
 RT: 12.08 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BN006611.D
 Acq: 28 Jun 2019 13:47

Tgt Ion:142 Resp: 12517
 Ion Ratio Lower Upper
 142 100
 141 86.6 70.2 105.4
 115 35.4 28.5 42.7

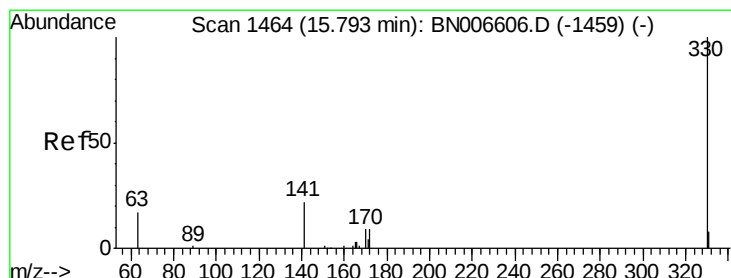
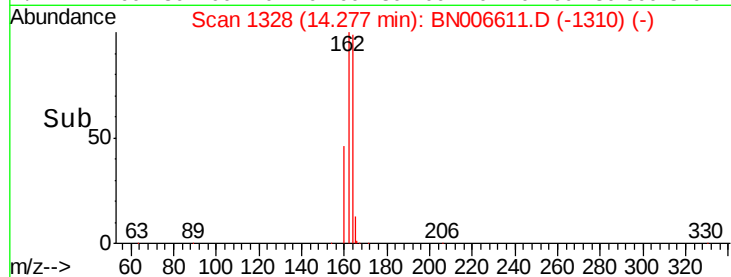
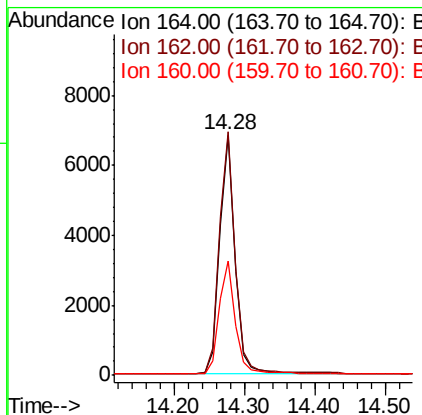
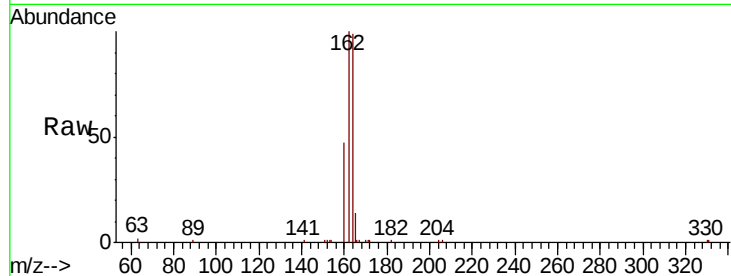




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.28 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BN006611.D
Acq: 28 Jun 2019 13:47

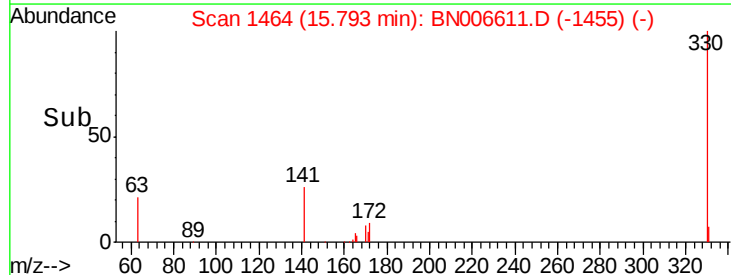
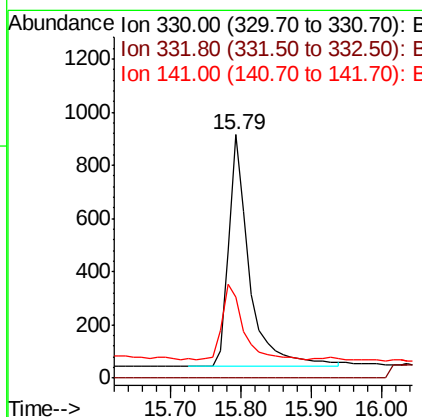
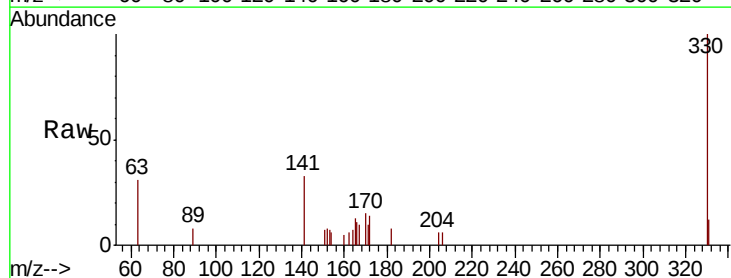
Instrument :
BNA_N
ClientSampleId :

Tot Ion:164 Resp: 10592
Ion Ratio Lower Upper
164 100
162 101.5 80.0 120.0
160 47.4 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.362 ng
RT: 15.79 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BN006611.D
Acq: 28 Jun 2019 13:47

Tgt Ion:330 Resp: 1807
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.5 26.5 39.7

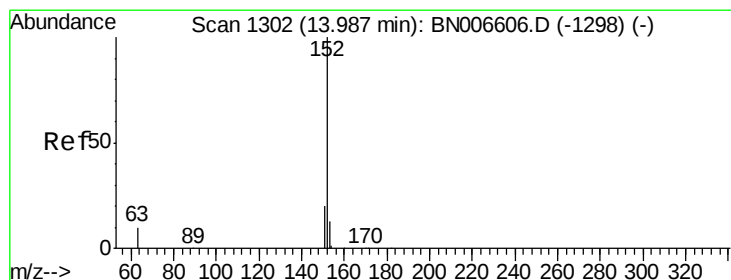
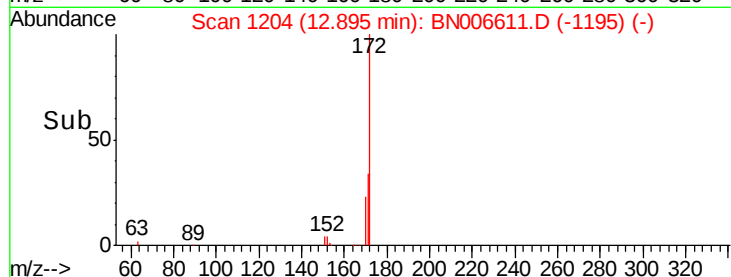
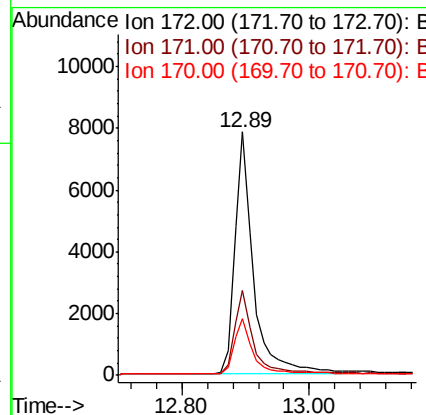
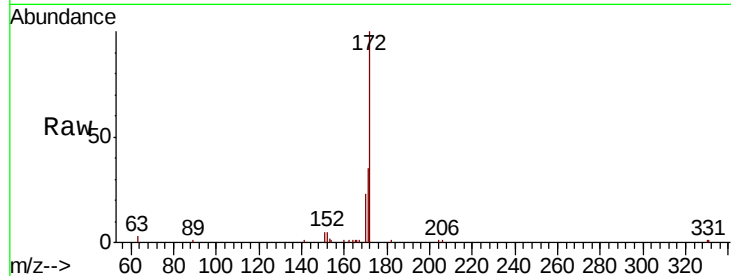




#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.89 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BN006611.D
Acq: 28 Jun 2019 13:47

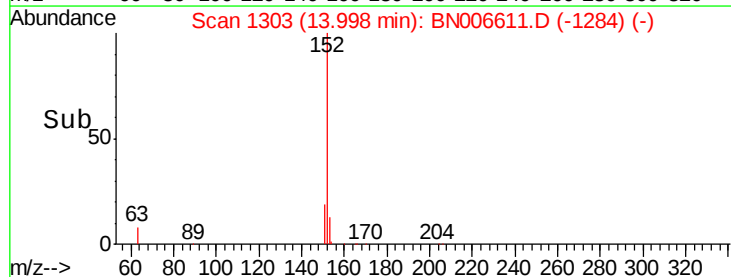
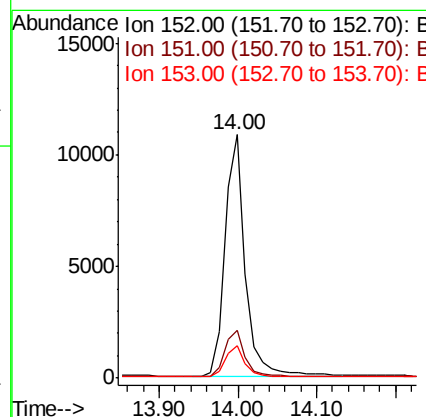
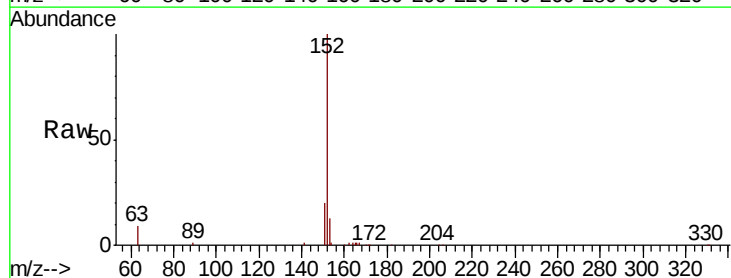
Instrument :
BNA_N
ClientSampled :

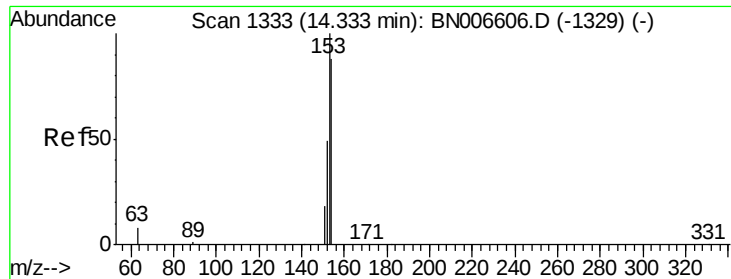
Tot Ion:172 Resp: 15877
Ion Ratio Lower Upper
172 100
171 34.7 27.0 40.4
170 23.3 17.7 26.5



#16
Acenaphthylene
Concen: 0.388 ng
RT: 14.00 min Scan# 1303
Delta R.T. 0.01 min
Lab File: BN006611.D
Acq: 28 Jun 2019 13:47

Tgt Ion:152 Resp: 19597
Ion Ratio Lower Upper
152 100
151 19.8 15.5 23.3
153 13.0 10.5 15.7

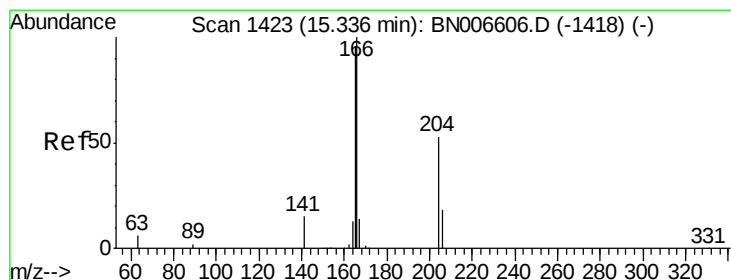
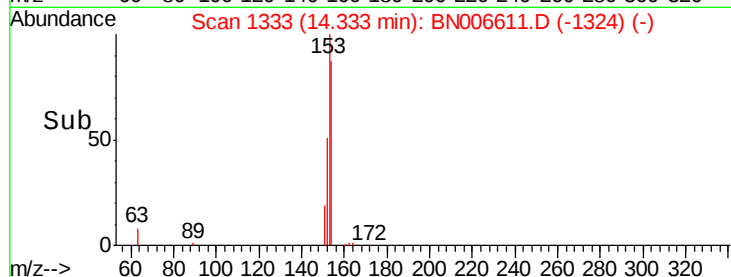
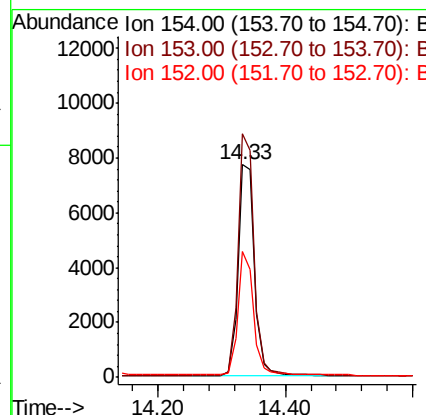
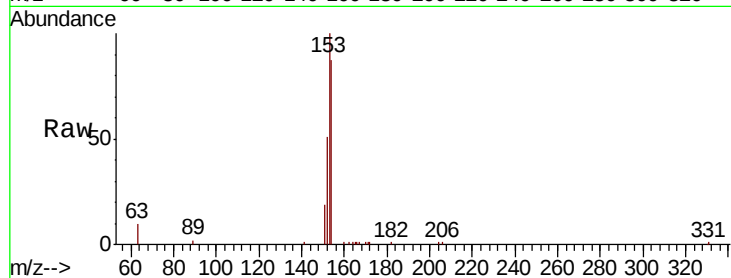




#17
Acenaphthene
Concen: 0.417 ng
RT: 14.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BN006611.D
Acq: 28 Jun 2019 13:47

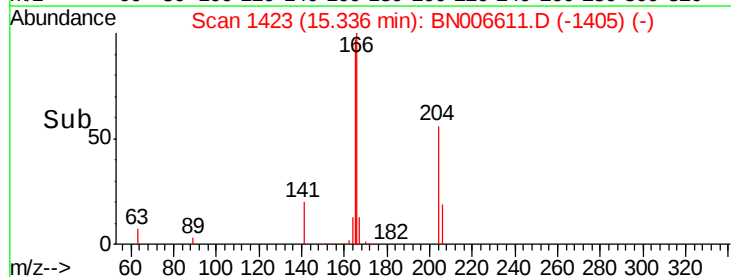
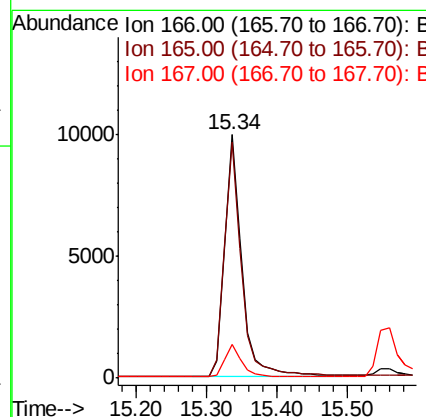
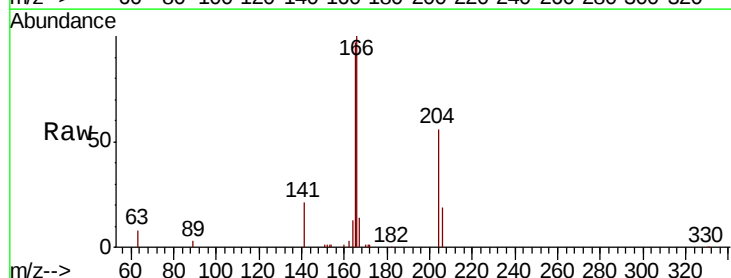
Instrument :
BNA_N
ClientSampleId :

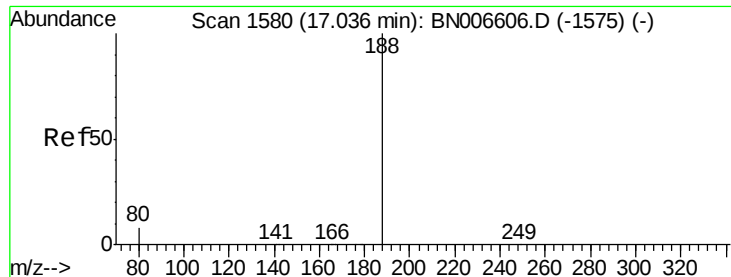
Tot Ion:154 Resp: 13890
Ion Ratio Lower Upper
154 100
153 111.9 90.2 135.2
152 54.8 44.2 66.2



#18
Fluorene
Concen: 0.411 ng
RT: 15.34 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BN006611.D
Acq: 28 Jun 2019 13:47

Tgt Ion:166 Resp: 17251
Ion Ratio Lower Upper
166 100
165 97.2 78.4 117.6
167 13.6 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.04 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BN006611.D

Acq: 28 Jun 2019 13:47

Instrument :

BNA_N

ClientSampleId :

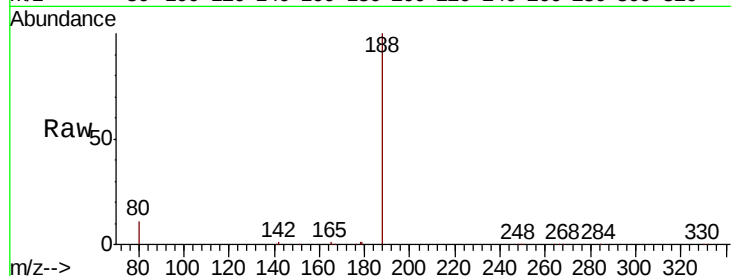
Tot Ion:188 Resp: 24950

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

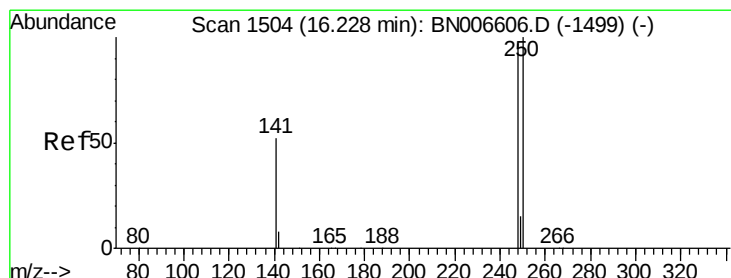
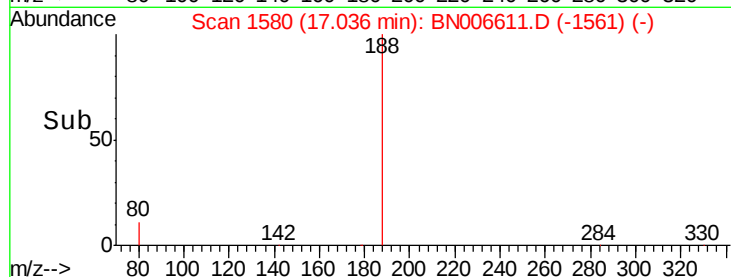
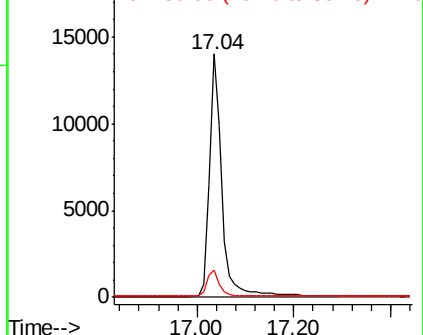
80 11.1 7.1 10.7#



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: 0.403 ng

RT: 16.23 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BN006611.D

Acq: 28 Jun 2019 13:47

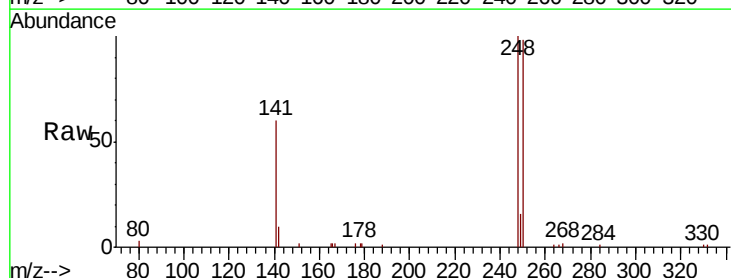
Tgt Ion:248 Resp: 5576

Ion Ratio Lower Upper

248 100

250 98.4 82.2 123.4

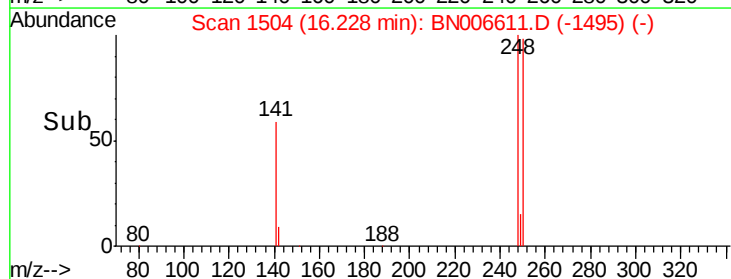
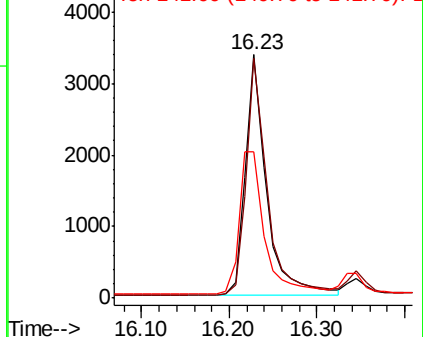
141 60.2 43.8 65.8

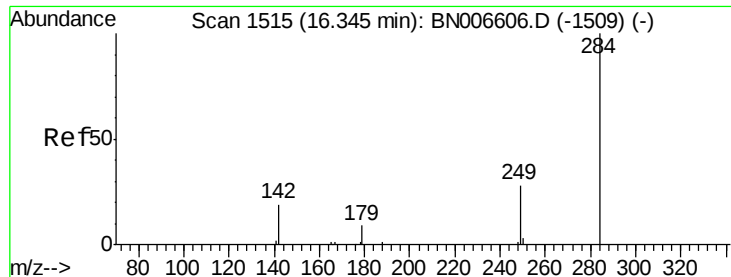


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.415 ng

RT: 16.35 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BN006611.D

Acq: 28 Jun 2019 13:47

Instrument :

BNA_N

ClientSampleId :

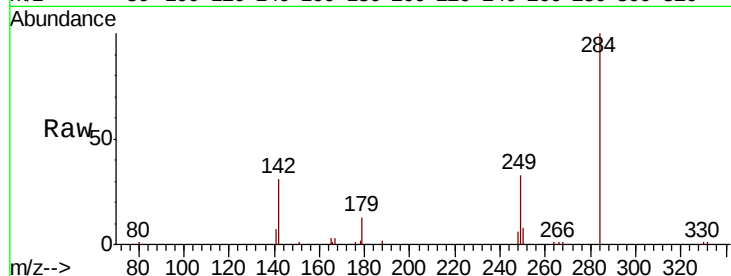
Tot Ion:284 Resp: 7248

Ion Ratio Lower Upper

284 100

142 34.1 27.5 41.3

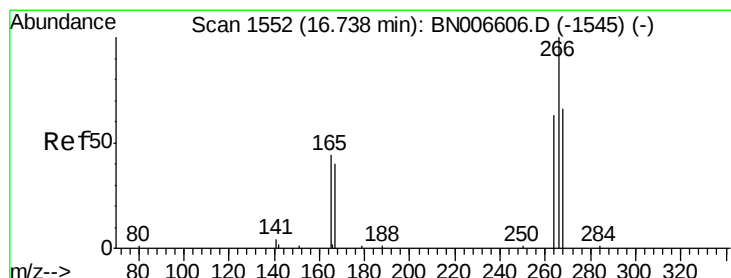
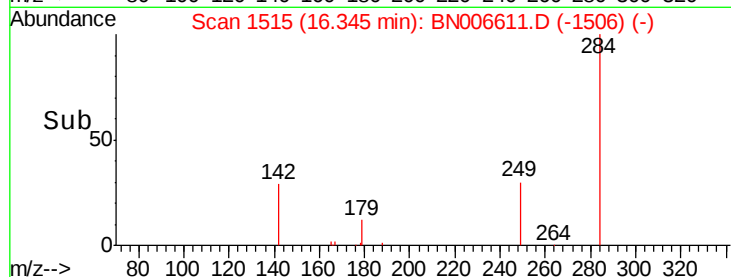
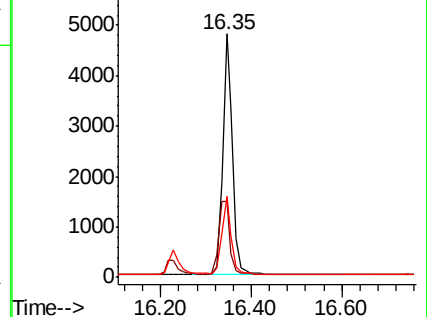
249 30.9 24.7 37.1



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: 0.422 ng

RT: 16.74 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BN006611.D

Acq: 28 Jun 2019 13:47

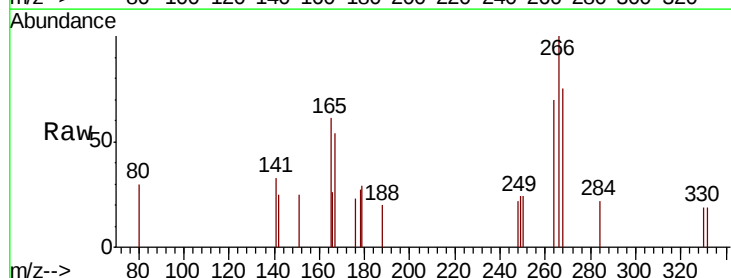
Tgt Ion:266 Resp: 916

Ion Ratio Lower Upper

266 100

264 70.2 56.2 84.4

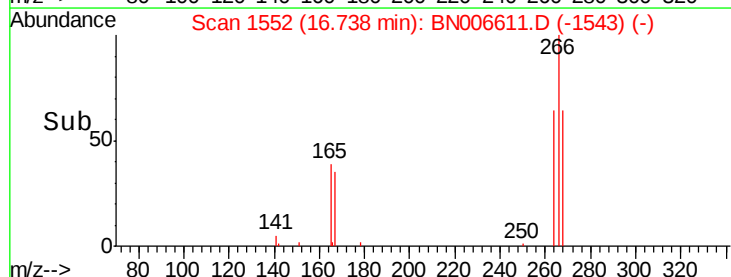
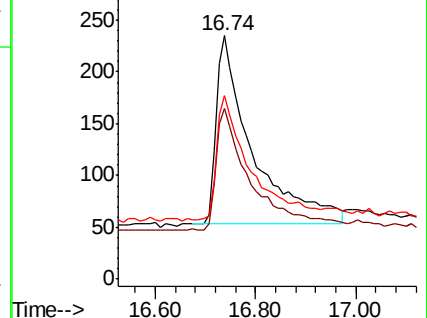
268 75.3 63.0 94.4

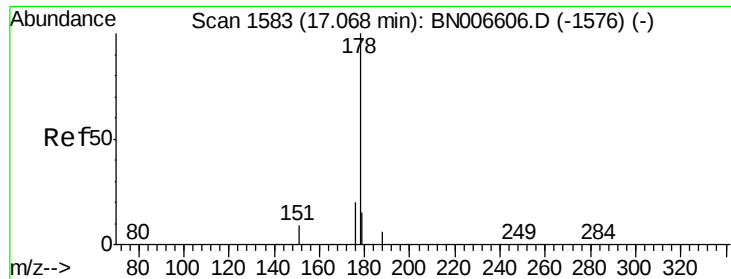


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.403 ng

RT: 17.08 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BN006611.D

Acq: 28 Jun 2019 13:47

Instrument :

BNA_N

ClientSampleId :

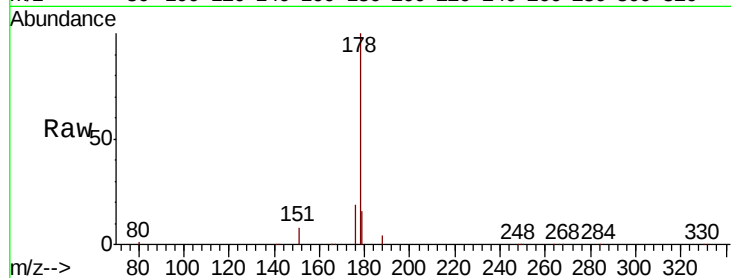
Tot Ion:178 Resp: 28604

Ion Ratio Lower Upper

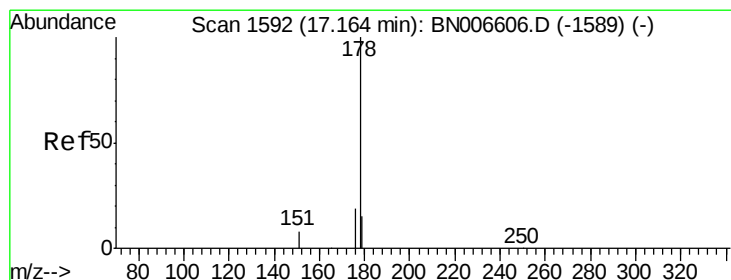
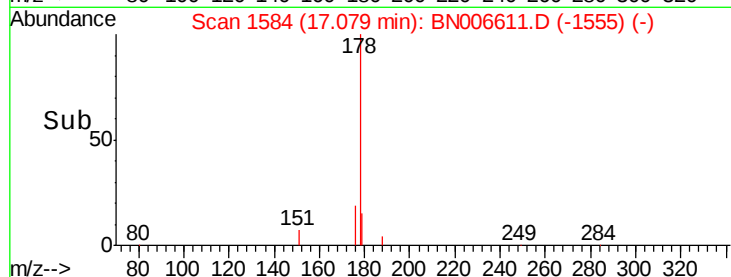
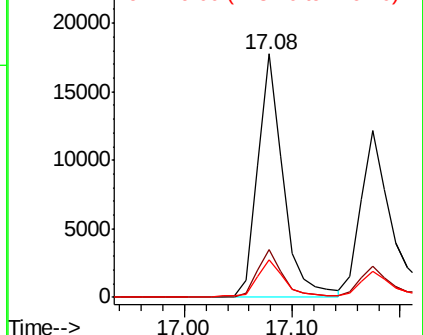
178 100

176 19.3 15.3 22.9

179 15.4 12.2 18.4



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: 0.380 ng

RT: 17.17 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BN006611.D

Acq: 28 Jun 2019 13:47

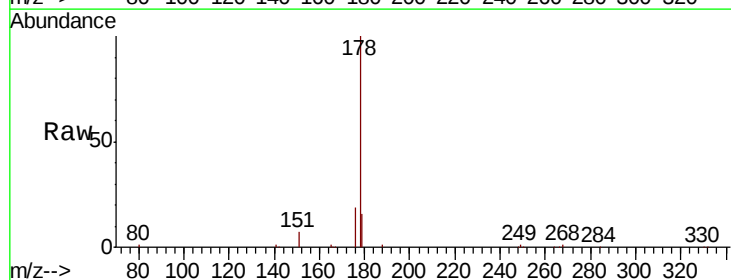
Tgt Ion:178 Resp: 23413

Ion Ratio Lower Upper

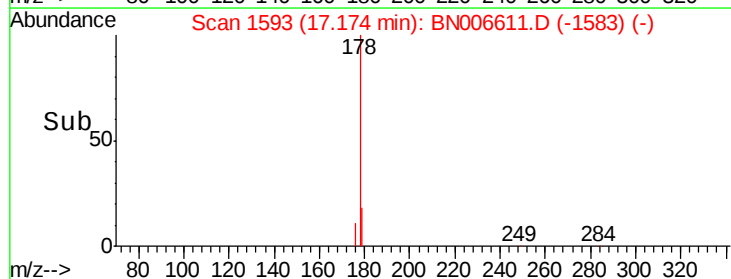
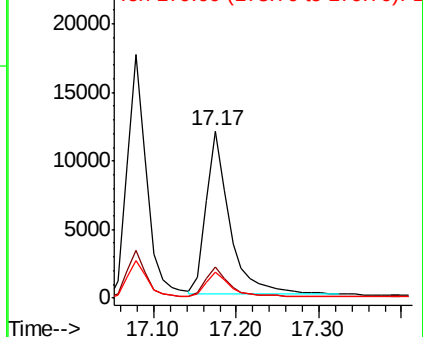
178 100

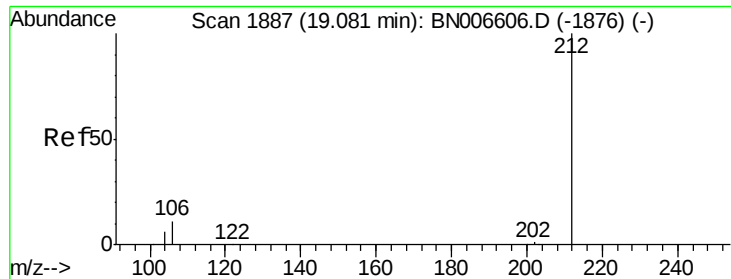
176 18.5 14.9 22.3

179 15.4 12.2 18.4



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

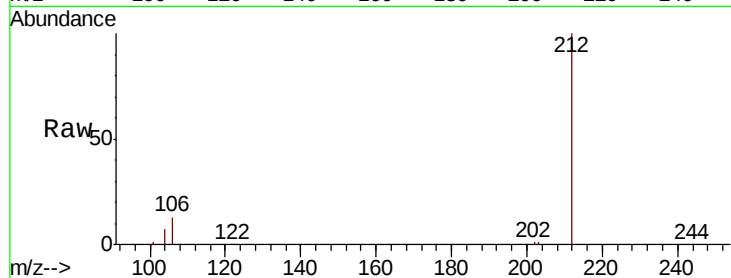




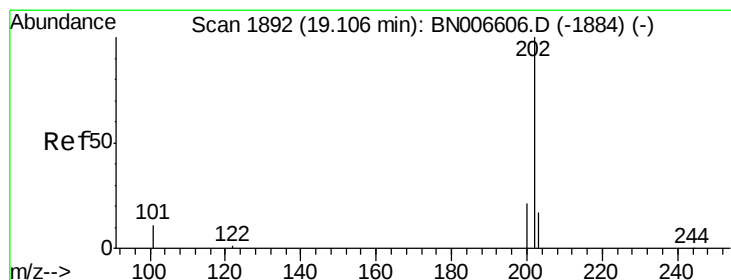
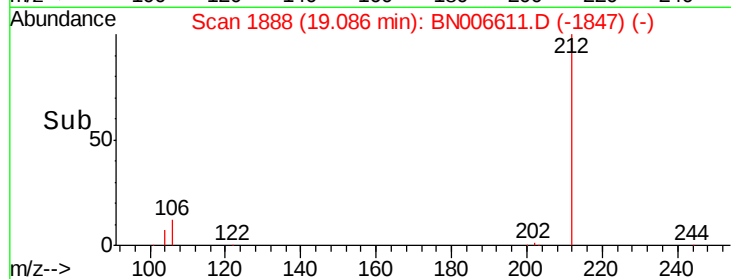
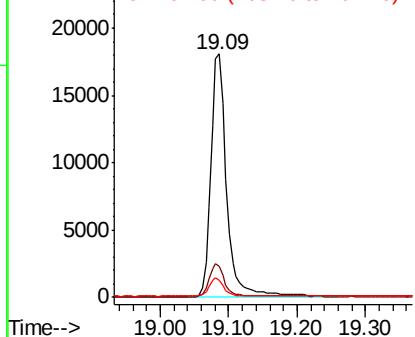
#25
 Fluoranthene-d10
 Concen: 0.398 ng
 RT: 19.09 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: BN006611.D
 Acq: 28 Jun 2019 13:47

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:212 Resp: 29163
 Ion Ratio Lower Upper
 212 100
 106 13.2 10.6 15.8
 104 7.2 5.8 8.6

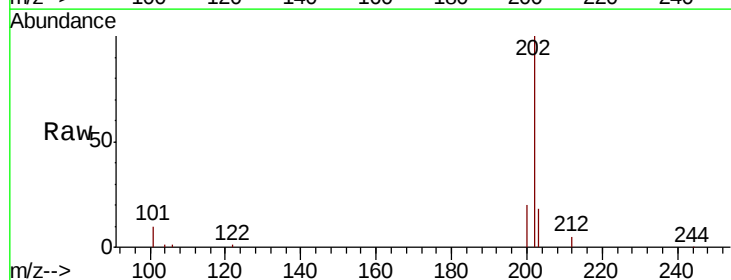


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

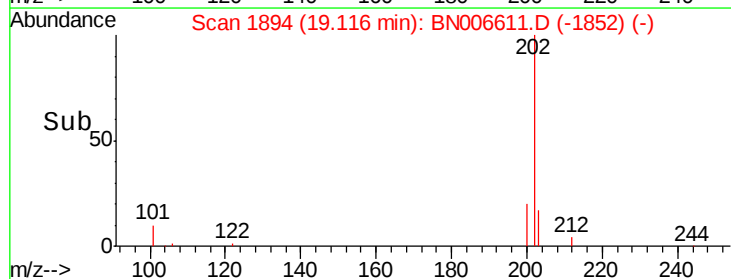
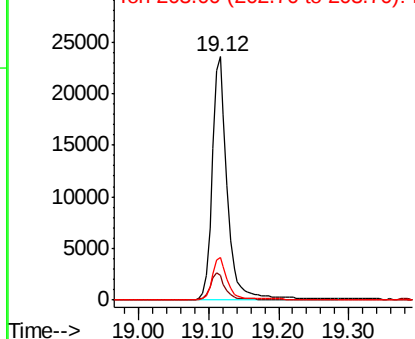


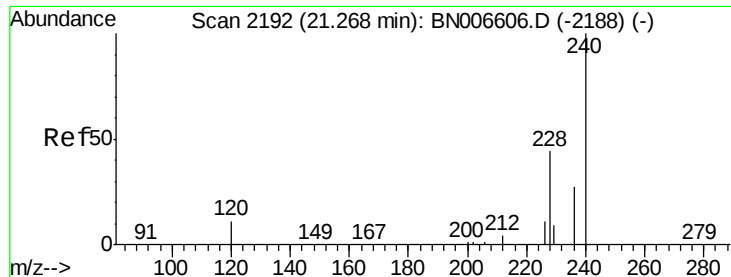
#26
 Fluoranthene
 Concen: 0.406 ng
 RT: 19.12 min Scan# 1894
 Delta R.T. 0.01 min
 Lab File: BN006611.D
 Acq: 28 Jun 2019 13:47

Tgt Ion:202 Resp: 34997
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.9 13.3
 203 17.2 13.6 20.4



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

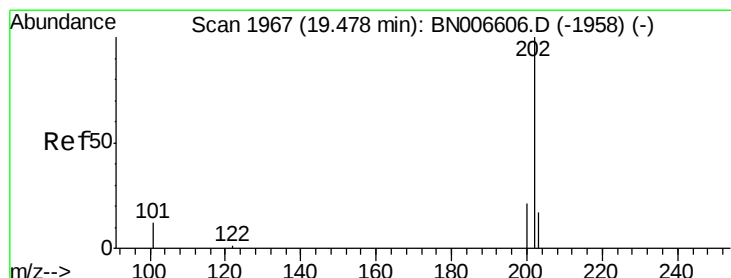
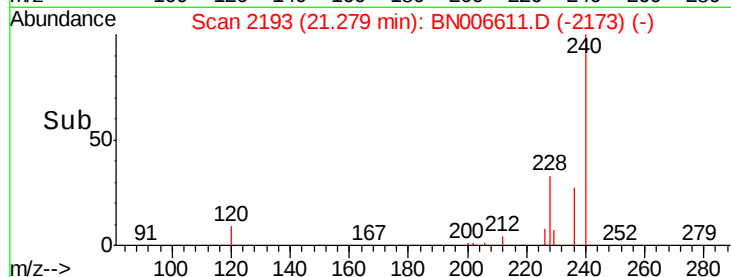
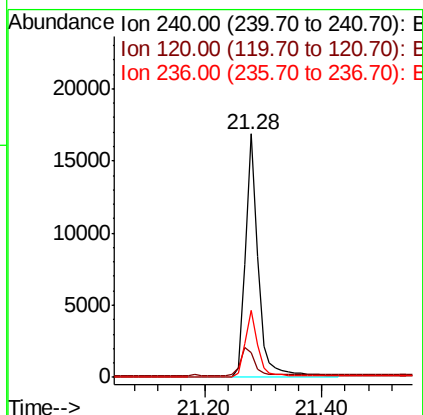
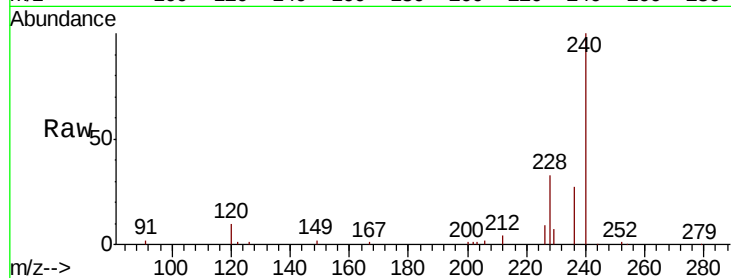




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BN006611.D
Acq: 28 Jun 2019 13:47

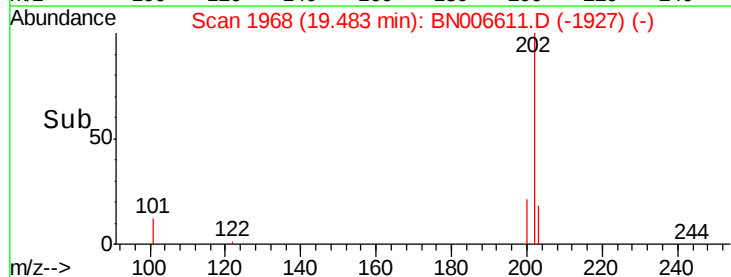
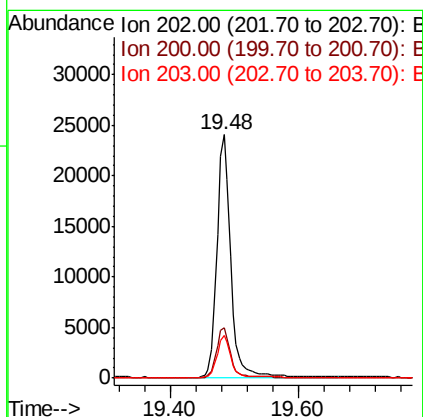
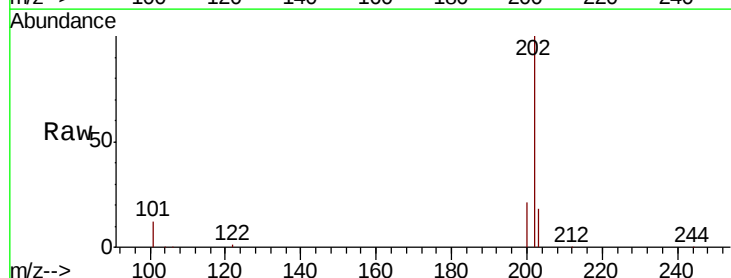
Instrument :
BNA_N
ClientSampleId :

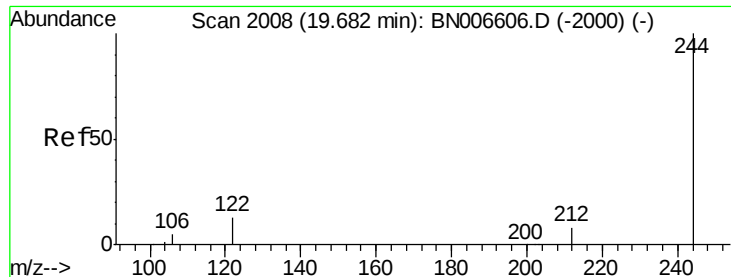
Tot Ion:240 Resp: 24817
Ion Ratio Lower Upper
240 100
120 10.3 9.9 14.9
236 27.5 22.2 33.4



#28
Pyrene
Concen: 0.416 ng
RT: 19.48 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BN006611.D
Acq: 28 Jun 2019 13:47

Tgt Ion:202 Resp: 36087
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 0.411 ng

RT: 19.69 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BN006611.D

Acq: 28 Jun 2019 13:47

Instrument :

BNA_N

ClientSampleId :

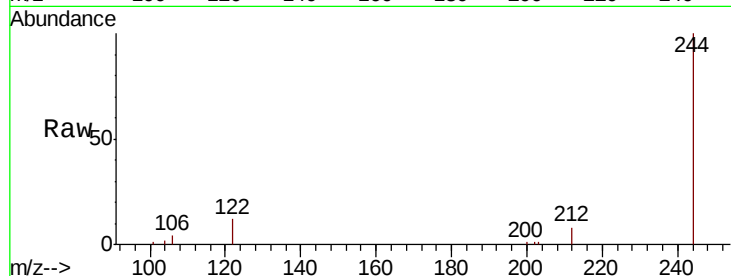
Tot Ion:244 Resp: 21380

Ion Ratio Lower Upper

244 100

212 8.2 6.7 10.1

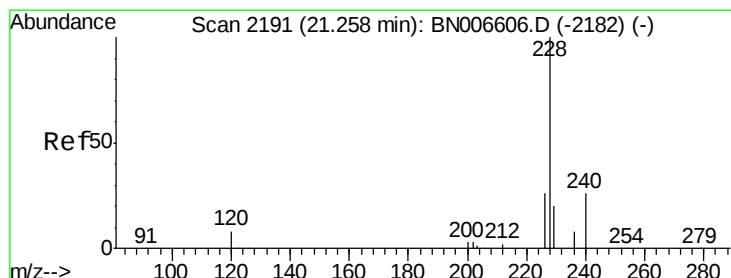
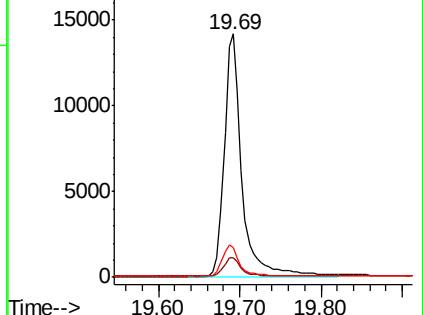
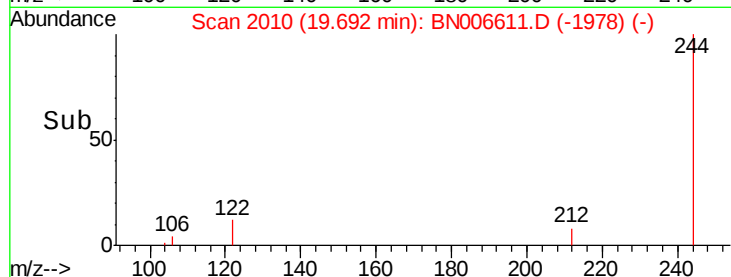
122 12.1 11.0 16.6



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: 0.387 ng

RT: 21.26 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BN006611.D

Acq: 28 Jun 2019 13:47

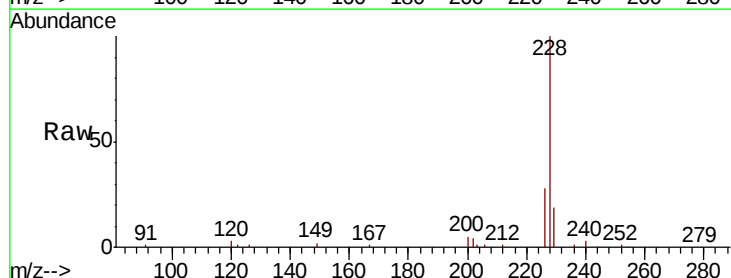
Tgt Ion:228 Resp: 31379

Ion Ratio Lower Upper

228 100

226 28.3 21.2 31.8

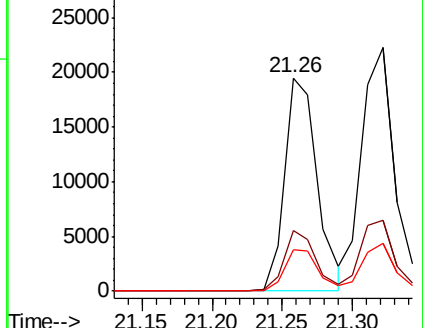
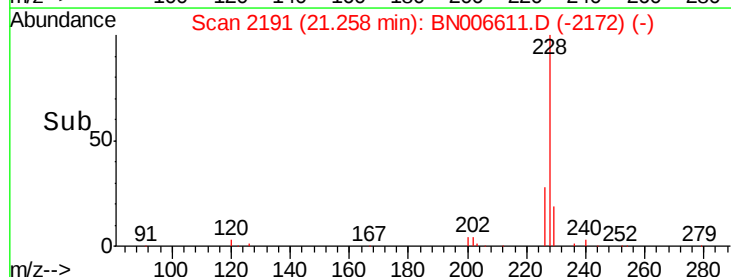
229 19.5 16.1 24.1



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: 0.416 ng

RT: 21.32 min Scan# 2197

Delta R.T. 0.01 min

Lab File: BN006611.D

Acq: 28 Jun 2019 13:47

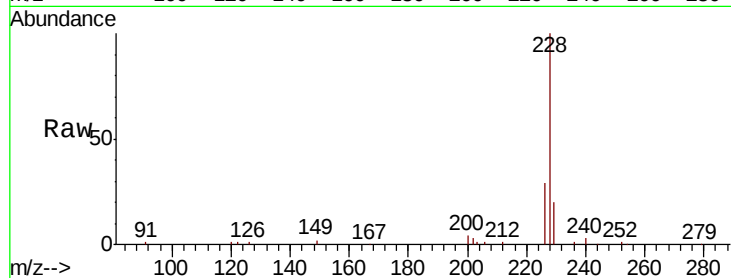
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 36410

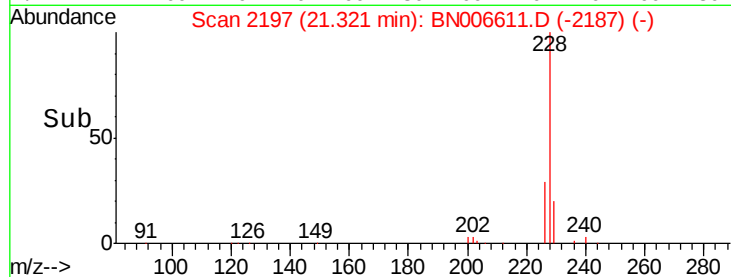
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.6
229	19.8	15.9	23.9



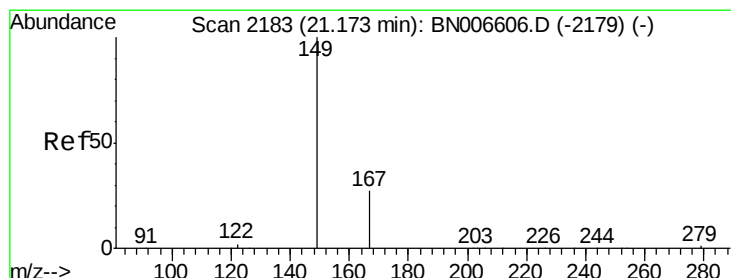
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.350 ng

RT: 21.18 min Scan# 2184

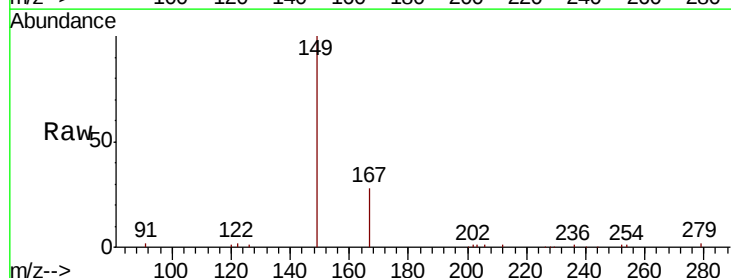
Delta R.T. 0.01 min

Lab File: BN006611.D

Acq: 28 Jun 2019 13:47

Tgt Ion:149 Resp: 14288

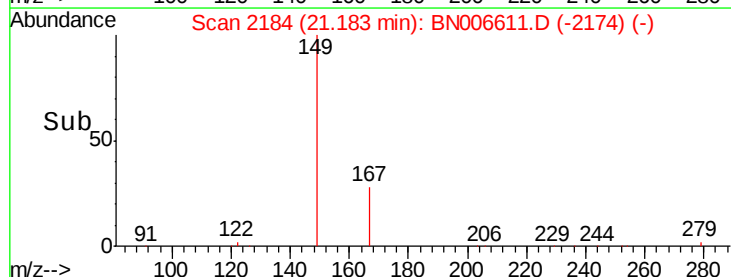
Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.9	34.3
279	4.0	3.3	4.9



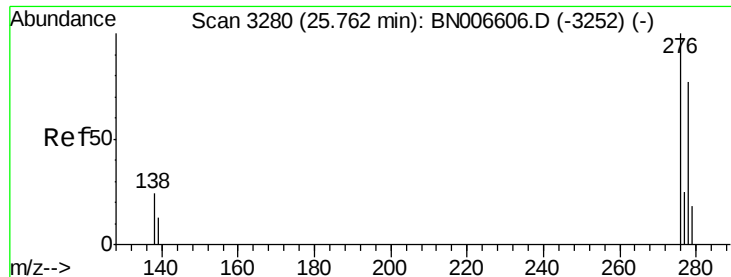
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



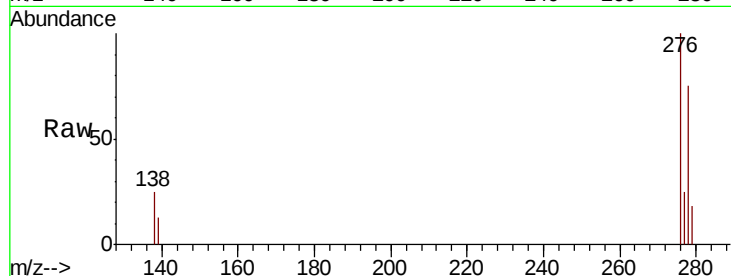
Time-->



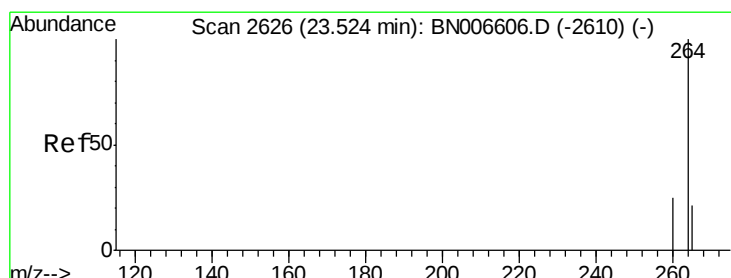
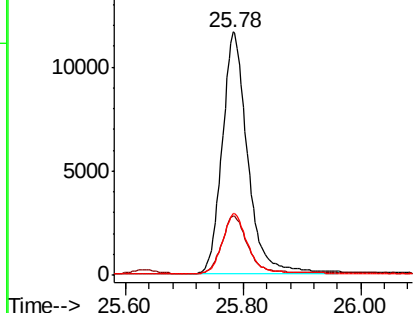
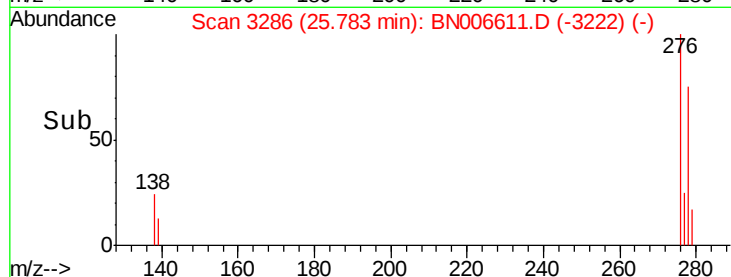
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.395 ng
 RT: 25.78 min Scan# 3286
 Delta R.T. 0.02 min
 Lab File: BN006611.D
 Acq: 28 Jun 2019 13:47

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 34968
 Ion Ratio Lower Upper
 276 100
 138 23.7 19.3 28.9
 277 24.8 19.9 29.9

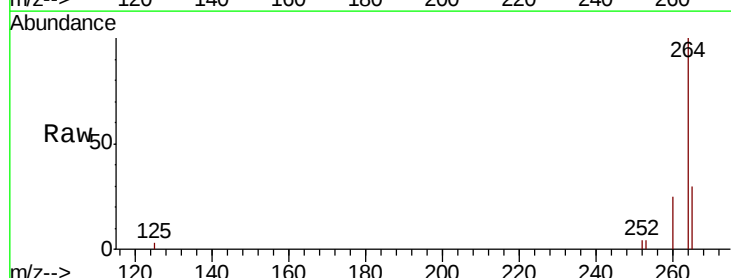


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

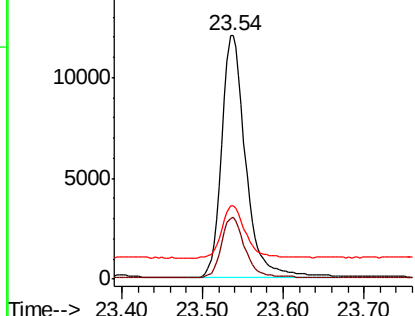
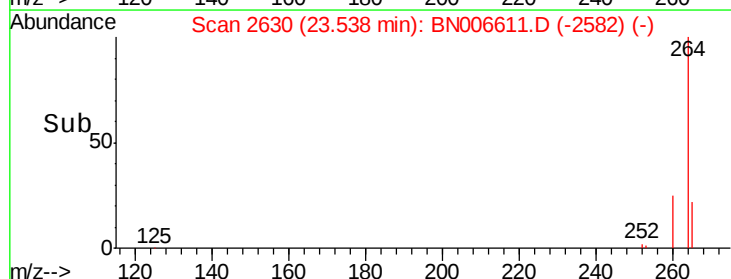


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.54 min Scan# 2630
 Delta R.T. 0.01 min
 Lab File: BN006611.D
 Acq: 28 Jun 2019 13:47

Tgt Ion:264 Resp: 24958
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.2 30.2
 265 30.1 23.3 34.9



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: 0.422 ng

RT: 22.87 min Scan# 2434

Delta R.T. 0.01 min

Lab File: BN006611.D

Acq: 28 Jun 2019 13:47

Instrument :

BNA_N

ClientSampleId :

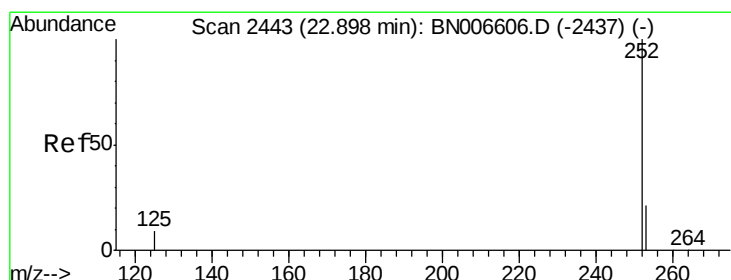
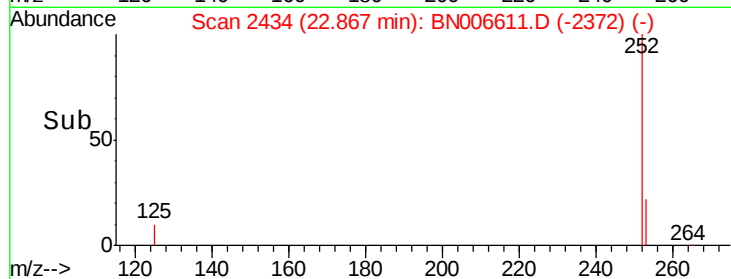
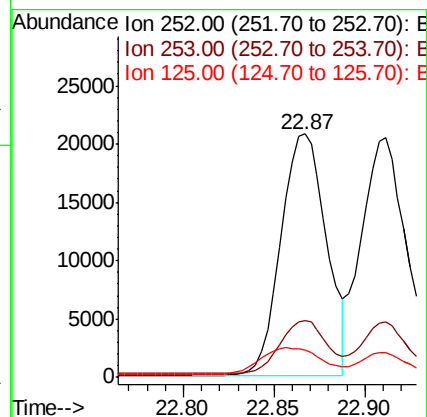
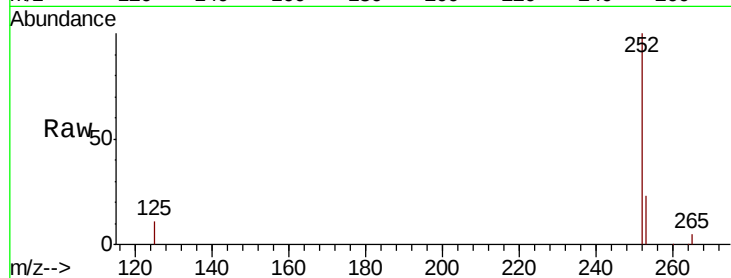
Tot Ion:252 Resp: 35824

Ion Ratio Lower Upper

252 100

253 23.4 18.4 27.6

125 11.3 8.7 13.1



#36

Benzo(k)fluoranthene

Concen: 0.430 ng

RT: 22.91 min Scan# 2447

Delta R.T. 0.01 min

Lab File: BN006611.D

Acq: 28 Jun 2019 13:47

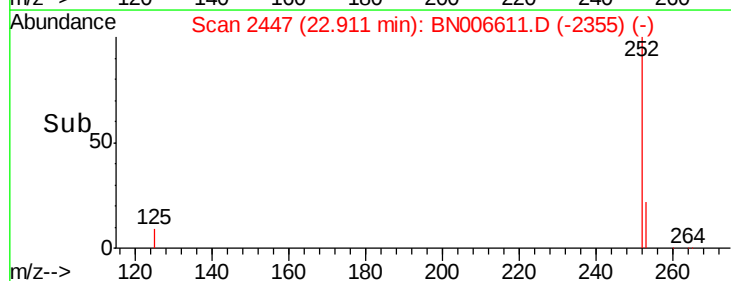
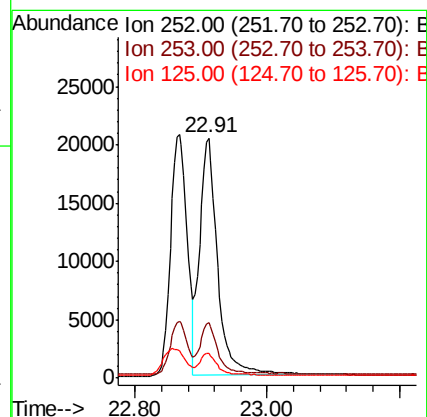
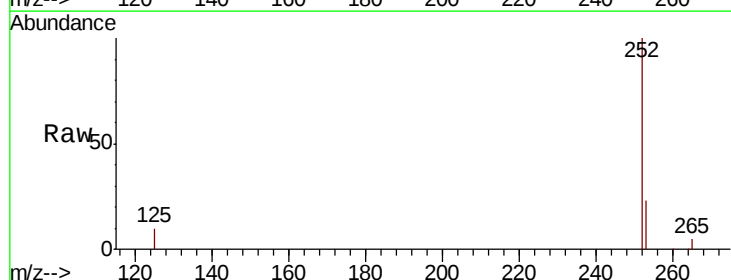
Tgt Ion:252 Resp: 38880

Ion Ratio Lower Upper

252 100

253 23.2 18.3 27.5

125 10.4 8.4 12.6

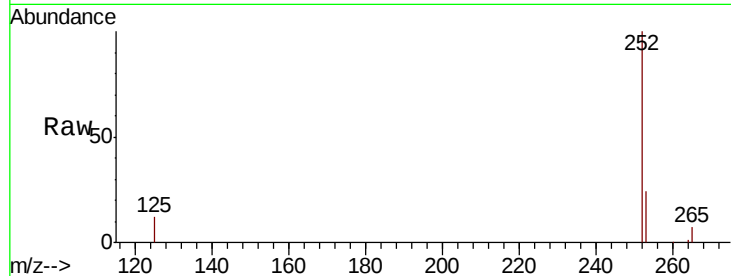




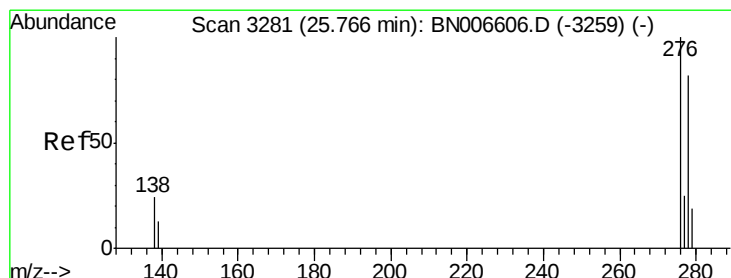
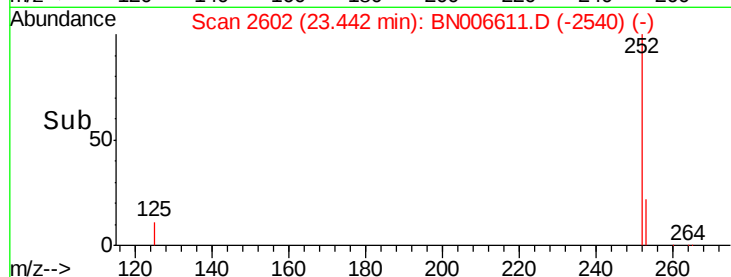
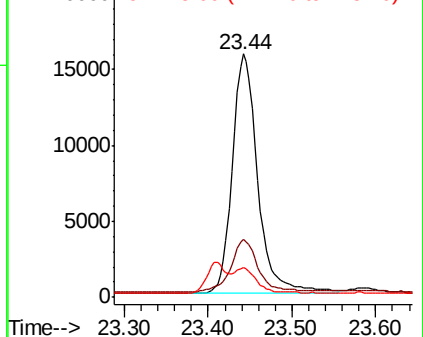
#37
Benzo(a)pyrene
Concen: 0.421 ng
RT: 23.44 min Scan# 2602
Delta R.T. 0.01 min
Lab File: BN006611.D
Acq: 28 Jun 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 33440
Ion Ratio Lower Upper
252 100
253 23.7 18.8 28.2
125 12.2 9.4 14.2

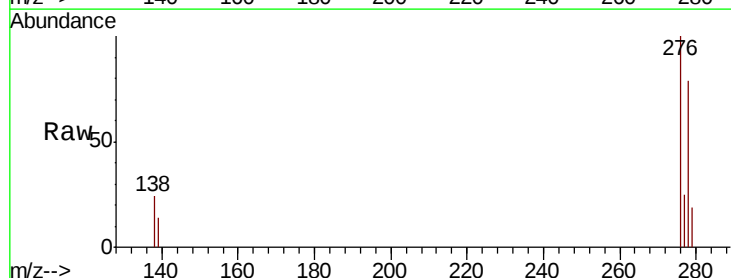


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

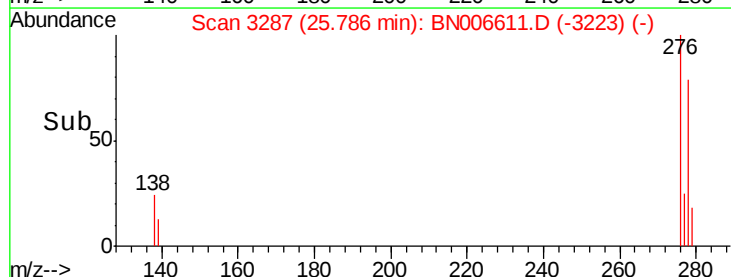
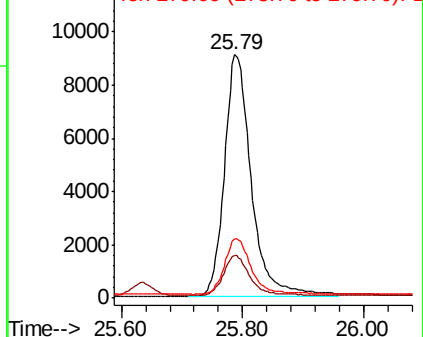


#38
Dibenzo(a,h)anthracene
Concen: 0.405 ng
RT: 25.79 min Scan# 3287
Delta R.T. 0.02 min
Lab File: BN006611.D
Acq: 28 Jun 2019 13:47

Tgt Ion:278 Resp: 28058
Ion Ratio Lower Upper
278 100
139 17.3 13.5 20.3
279 24.6 19.4 29.2



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: 0.406 ng

RT: 26.47 min Scan# 3487

Delta R.T. 0.02 min

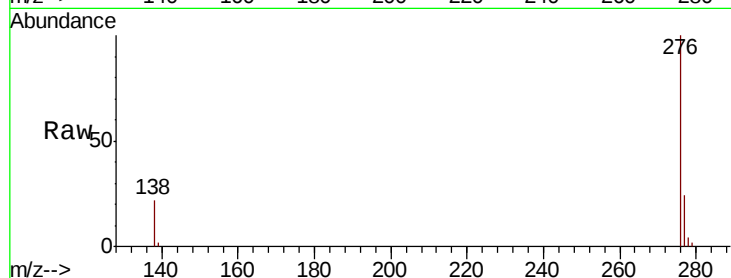
Lab File: BN006611.D

Acq: 28 Jun 2019 13:47

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 28132

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 22.2 17.7 26.5

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

