

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091219\
 Data File : BN007611.D
 Acq On : 12 Sep 2019 17:19
 Operator : HP/JU
 Sample : PB122882BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 13 02:16:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:27:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	8061	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	30929	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	17294	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	35868	0.40	ng	0.00
27) Chrysene-d12	21.27	240	35856	0.40	ng	0.00
34) Perylene-d12	23.50	264	36210	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	8908	0.35	ng	0.00
5) Phenol-d6	6.89	99	11405	0.36	ng	0.00
8) Nitrobenzene-d5	8.86	82	9818	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	21845	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2044	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	30550	0.40	ng	0.00
25) Fluoranthene-d10	19.11	212	47133	0.42	ng	0.00
29) Terphenyl-d14	19.72	244	39938	0.42	ng	0.00

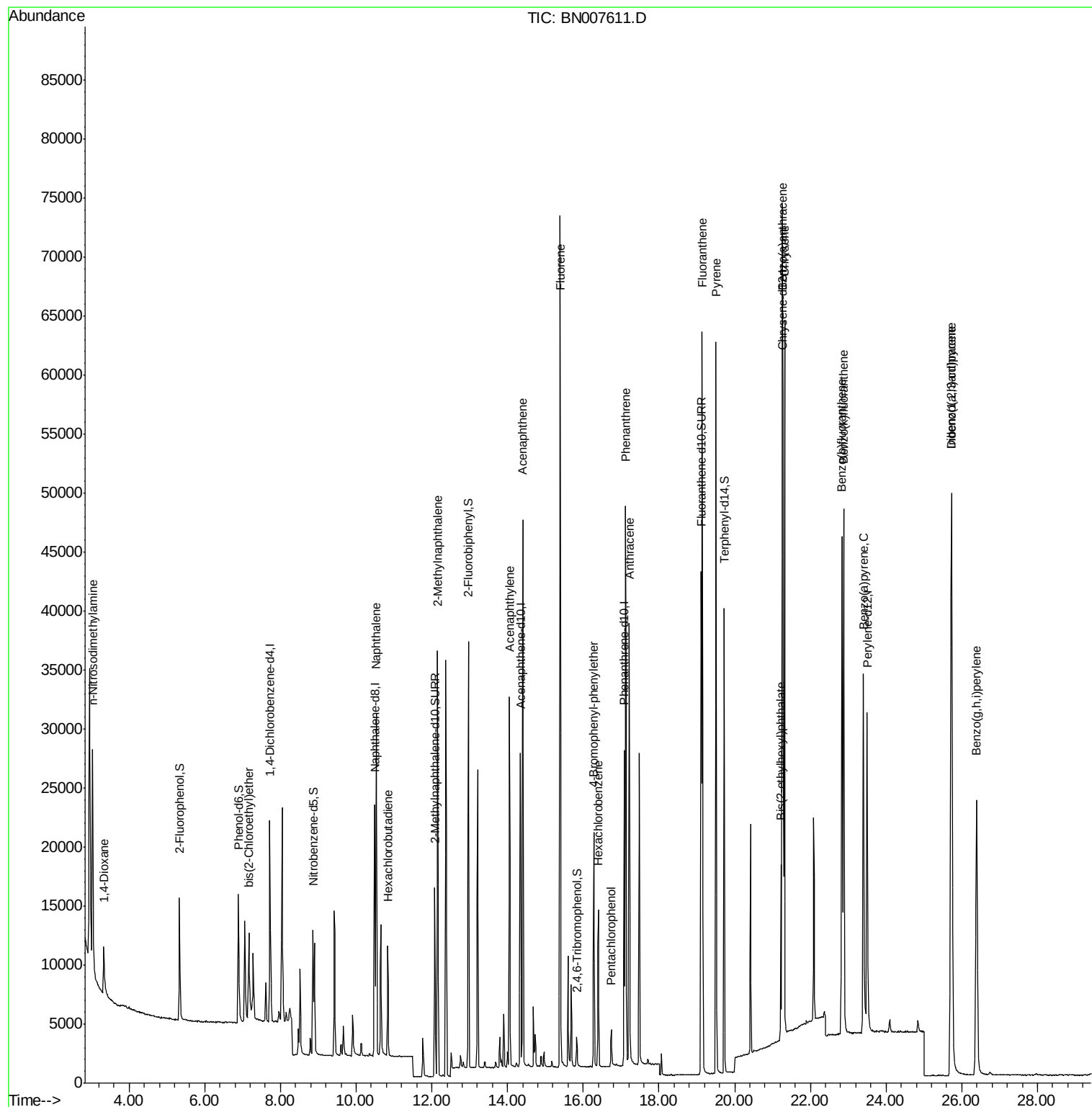
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	3546	0.367	ng	98
3) n-Nitrosodimethylamine	3.03	42	2868	0.654	ng	# 1
6) bis(2-Chloroethyl)ether	7.16	93	8417	0.356	ng	97
9) Naphthalene	10.53	128	37719	0.426	ng	99
10) Hexachlorobutadiene	10.84	225	7570	0.424	ng	# 100
12) 2-Methylnaphthalene	12.15	142	25053	0.421	ng	99
16) Acenaphthylene	14.05	152	33681	0.374	ng	100
17) Acenaphthene	14.40	154	22900	0.390	ng	99
18) Fluorene	15.39	166	29248	0.395	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	9389	0.423	ng	95
21) Hexachlorobenzene	16.40	284	10236	0.432	ng	99
22) Pentachlorophenol	16.74	266	2020	0.328	ng	97
23) Phenanthrene	17.12	178	48688	0.430	ng	100
24) Anthracene	17.22	178	40741	0.406	ng	100
26) Fluoranthene	19.14	202	55896	0.423	ng	100
28) Pyrene	19.51	202	55010	0.422	ng	100
30) Benzo(a)anthracene	21.26	228	49861	0.392	ng	99
31) Chrysene	21.31	228	57368	0.434	ng	98
32) Bis(2-ethylhexyl)phthalate	21.22	149	14322	0.332	ng	99
33) Indeno(1,2,3-cd)pyrene	25.72	276	60481	0.428	ng	100
35) Benzo(b)fluoranthene	22.83	252	52847	0.402	ng	98
36) Benzo(k)fluoranthene	22.88	252	54764	0.407	ng	99
37) Benzo(a)pyrene	23.40	252	45406	0.389	ng	99
38) Dibenzo(a,h)anthracene	25.74	278	50094	0.410	ng	100
39) Benzo(g,h,i)perylene	26.39	276	49108	0.406	ng	99

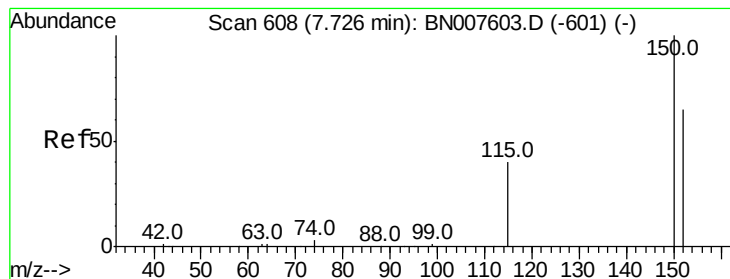
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 607

Delta R.T. -0.01 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

Instrument :

BNA_N

ClientSampleId :

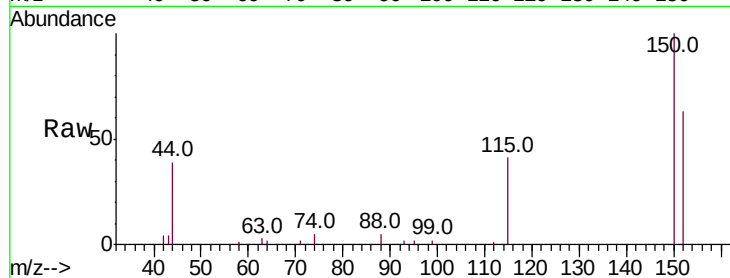
Tot Ion:152 Resp: 8061

Ion Ratio Lower Upper

152 100

150 158.6 122.4 183.6

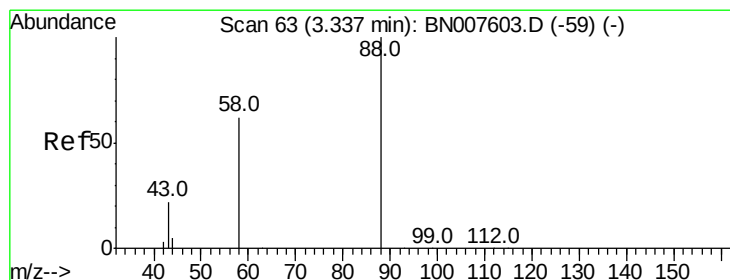
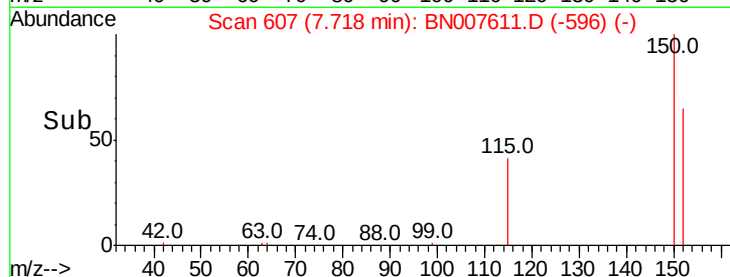
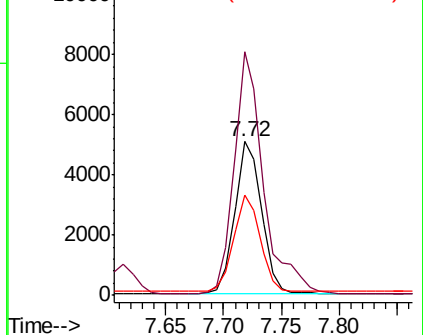
115 65.5 50.4 75.6



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: 0.367 ng

RT: 3.33 min Scan# 62

Delta R.T. -0.01 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

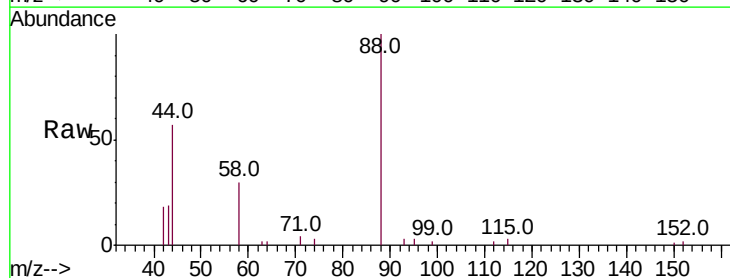
Tgt Ion: 88 Resp: 3546

Ion Ratio Lower Upper

88 100

58 73.3 57.0 85.4

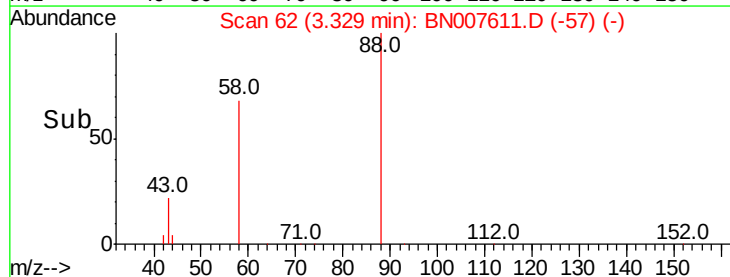
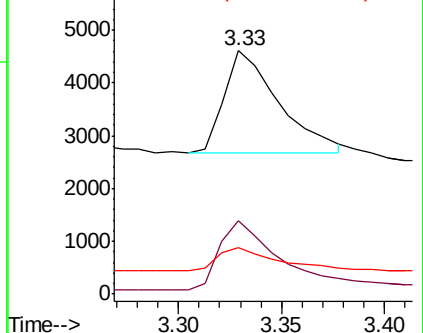
43 24.4 20.0 30.0

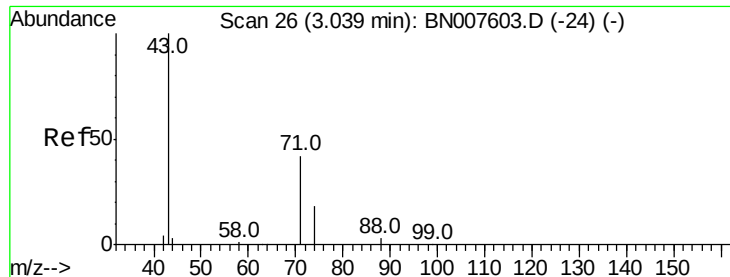


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.654 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

Instrument :

BNA_N

ClientSampleId :

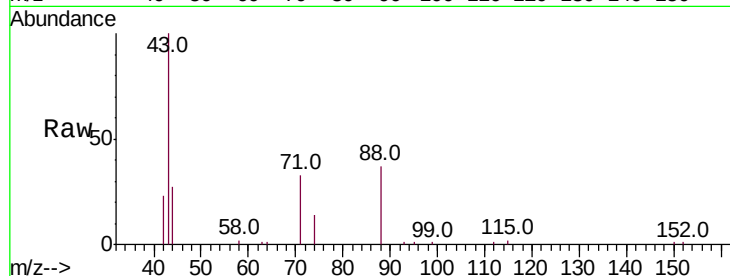
Tot Ion: 42 Resp: 2868

Ion Ratio Lower Upper

42 100

74 97.5 9.8 14.8#

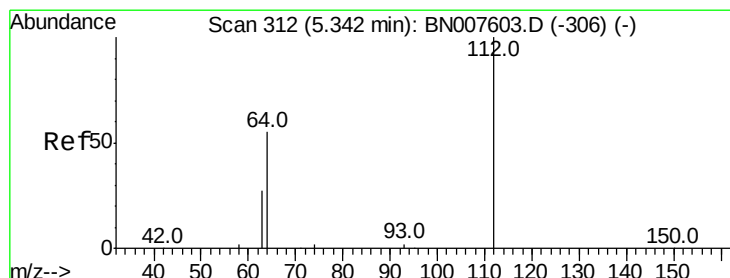
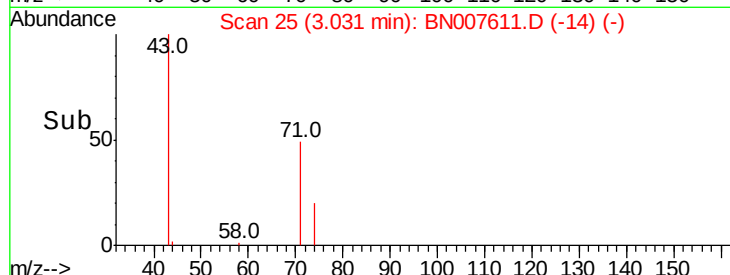
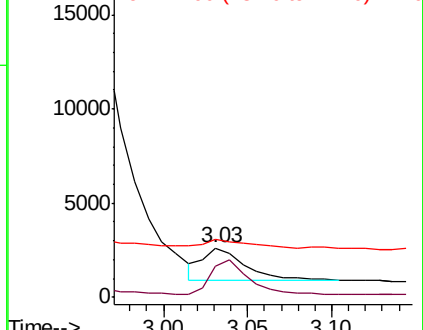
44 26.2 0.0 0.0#



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: 0.345 ng

RT: 5.33 min Scan# 311

Delta R.T. -0.01 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

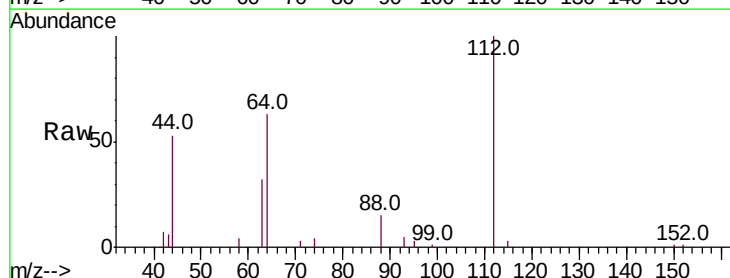
Tgt Ion: 112 Resp: 8908

Ion Ratio Lower Upper

112 100

64 60.3 48.5 72.7

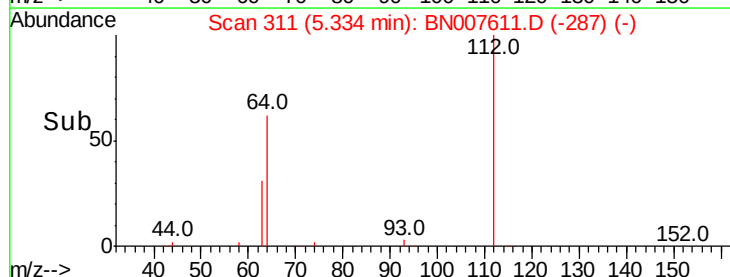
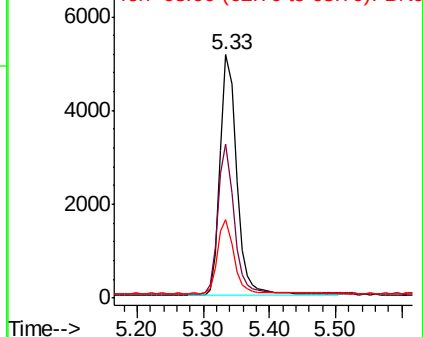
63 30.0 24.4 36.6

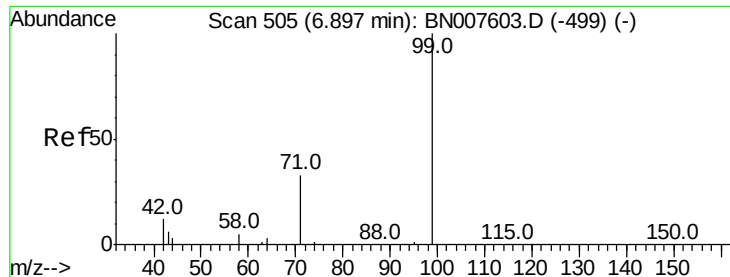


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.363 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

Instrument :

BNA_N

ClientSampleId :

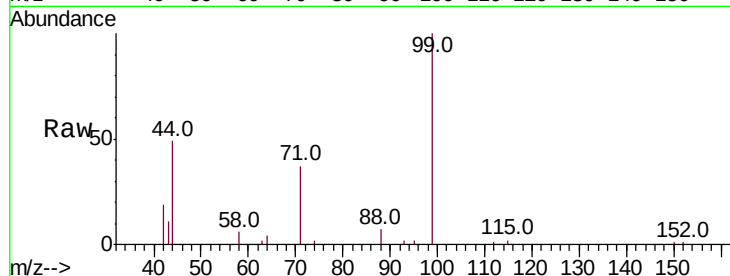
Tot Ion: 99 Resp: 11405

Ion Ratio Lower Upper

99 100

42 14.6 11.8 17.6

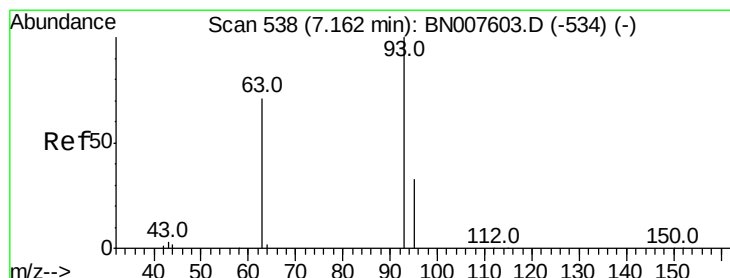
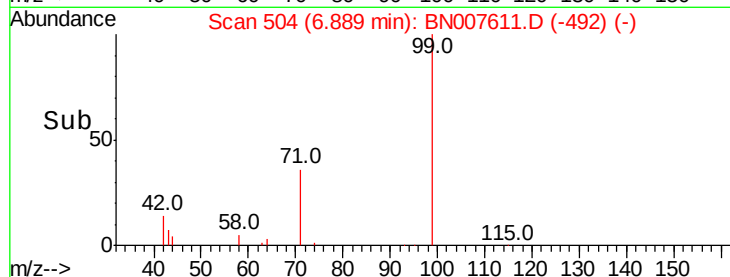
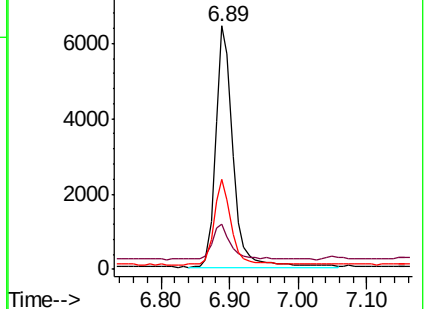
71 35.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BN007603.D (-499) (-)

Ion 42.00 (41.70 to 42.70): BN007603.D (-499) (-)

Ion 71.00 (70.70 to 71.70): BN007603.D (-499) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.356 ng

RT: 7.16 min Scan# 538

Delta R.T. 0.00 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

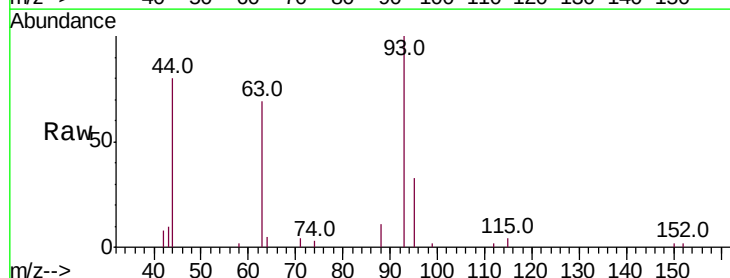
Tgt Ion: 93 Resp: 8417

Ion Ratio Lower Upper

93 100

63 79.6 61.2 91.8

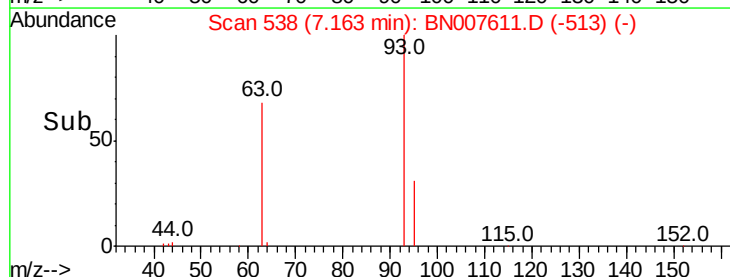
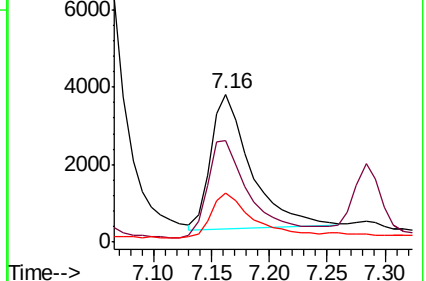
95 34.6 27.2 40.8

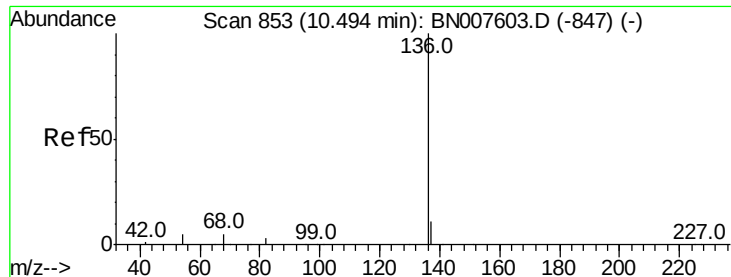


Abundance Ion 93.00 (92.70 to 93.70): BN007603.D (-534) (-)

Ion 63.00 (62.70 to 63.70): BN007603.D (-534) (-)

Ion 95.00 (94.70 to 95.70): BN007603.D (-534) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. 0.00 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 30929

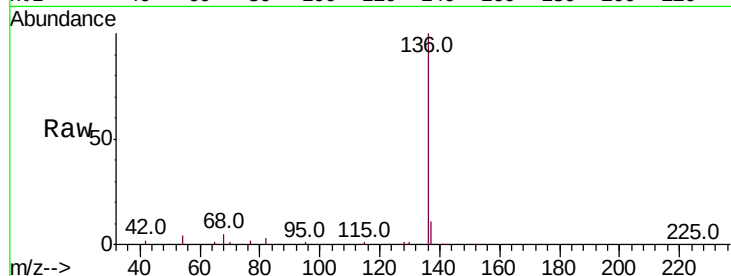
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 4.4 4.2 6.4

68 5.1 4.6 7.0

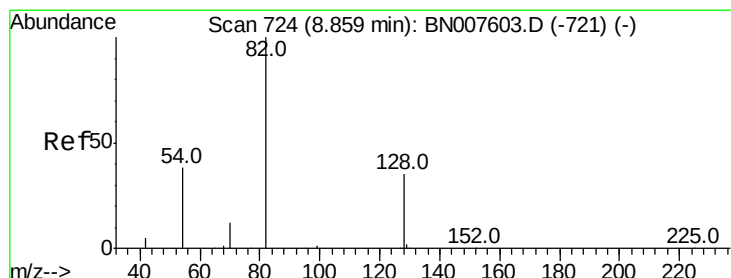
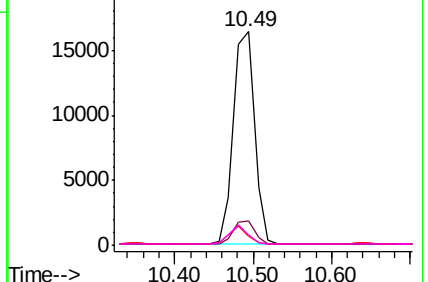
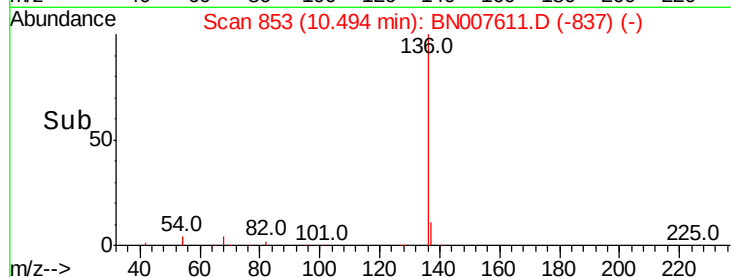


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.398 ng

RT: 8.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

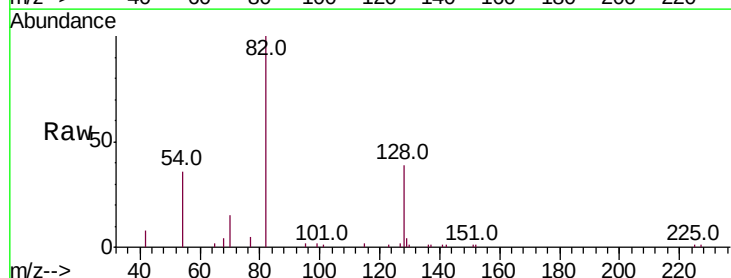
Tgt Ion: 82 Resp: 9818

Ion Ratio Lower Upper

82 100

128 38.7 27.9 41.9

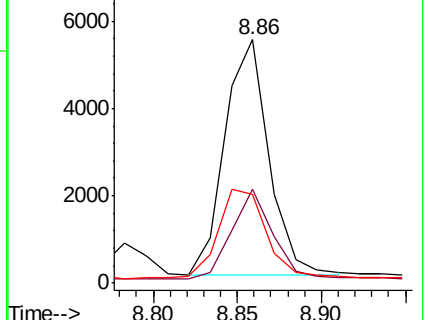
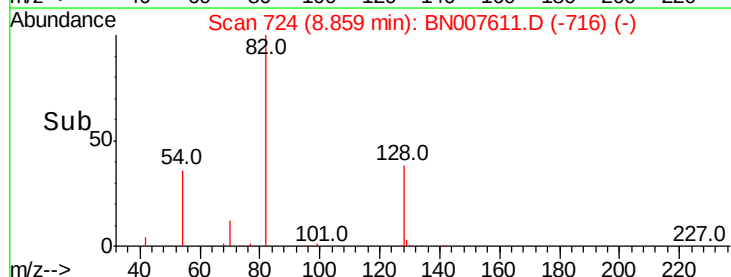
54 36.5 30.9 46.3

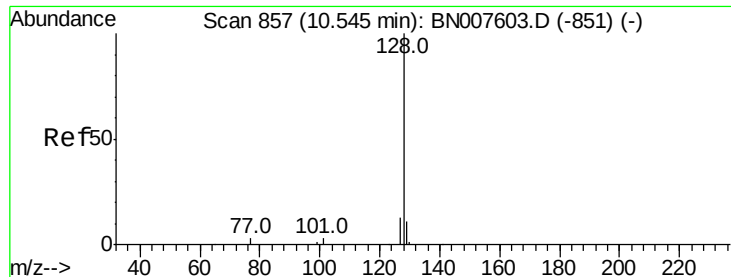


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.426 ng

RT: 10.53 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

Instrument :

BNA_N

ClientSampleId :

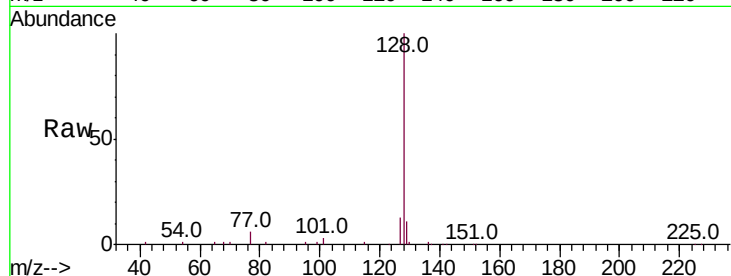
Tot Ion:128 Resp: 37719

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

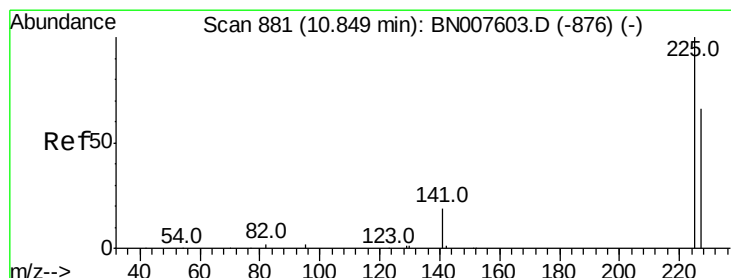
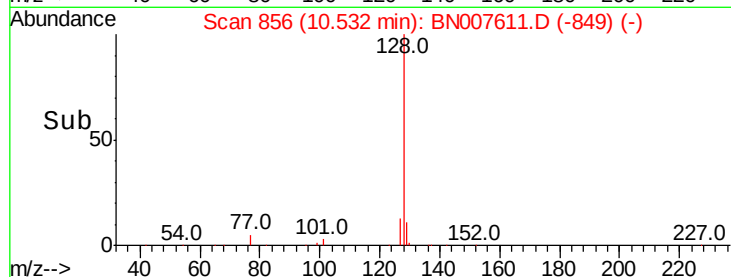
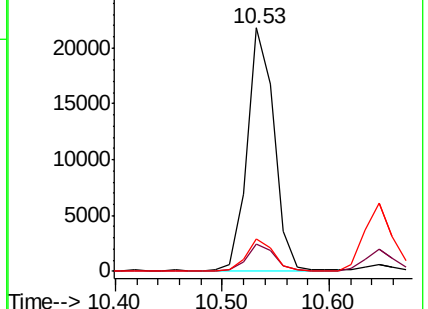
127 13.4 10.4 15.6



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: 0.424 ng

RT: 10.84 min Scan# 880

Delta R.T. -0.01 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

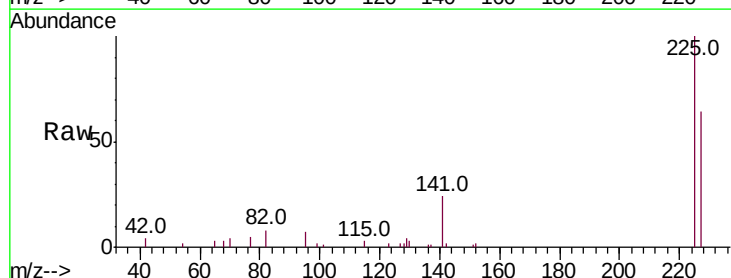
Tgt Ion:225 Resp: 7570

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

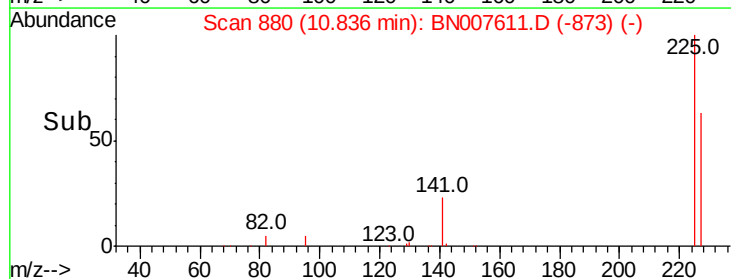
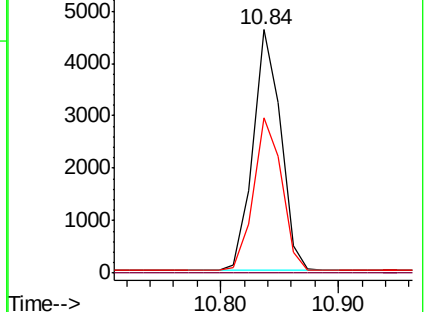
227 64.4 51.3 76.9

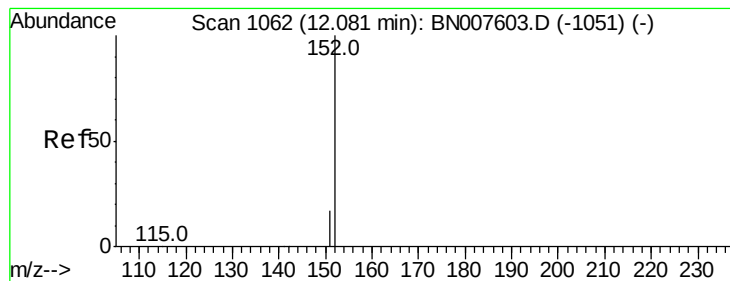


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.417 ng

RT: 12.08 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

Instrument :

BNA_N

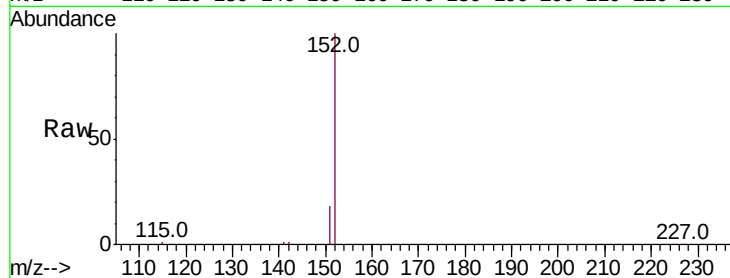
ClientSampleId :

Tot Ion:152 Resp: 21845

Ion Ratio Lower Upper

152 100

151 19.2 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

15000

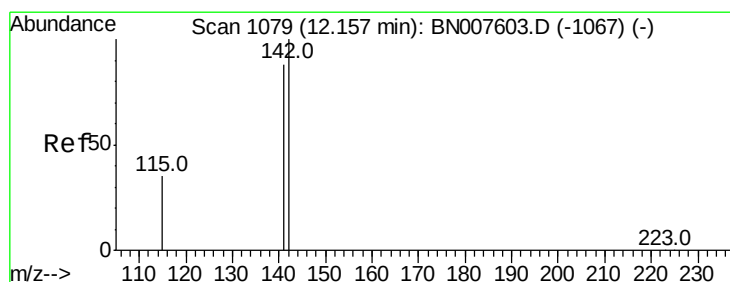
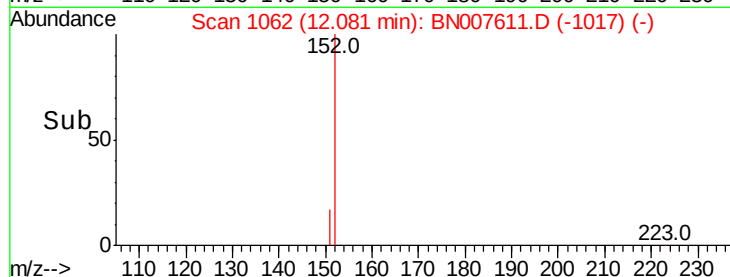
10000

5000

0

12.00 12.10

Time-->



#12

2-Methylnaphthalene

Concen: 0.421 ng

RT: 12.15 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

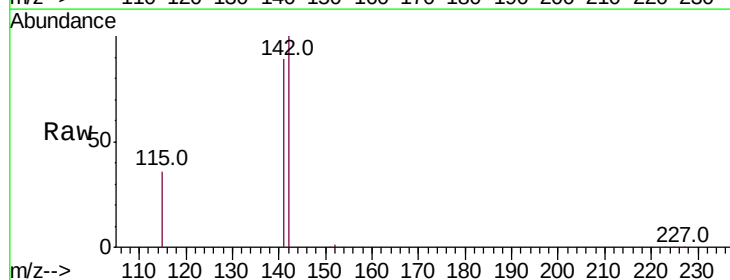
Tgt Ion:142 Resp: 25053

Ion Ratio Lower Upper

142 100

141 88.9 70.5 105.7

115 35.7 28.4 42.6



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

20000

15000

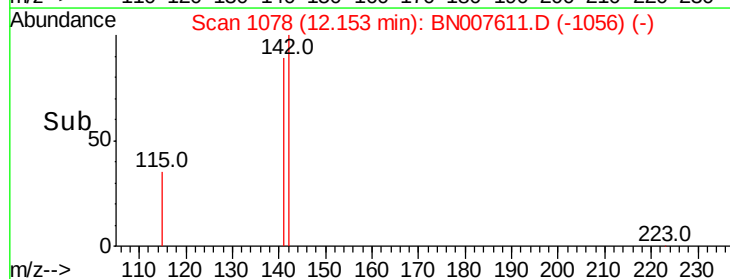
10000

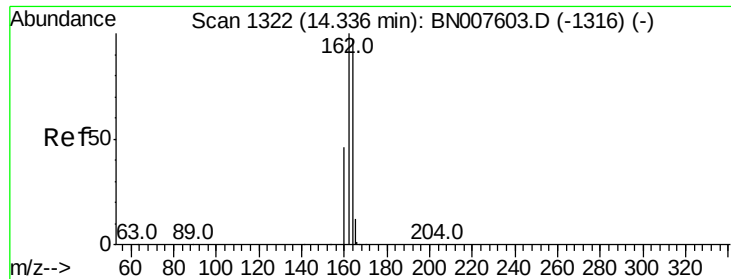
5000

0

12.10 12.20 12.30

Time-->

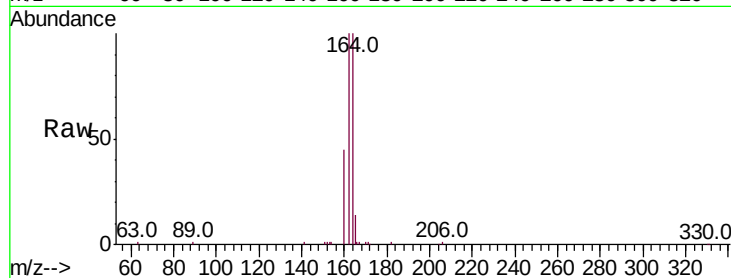




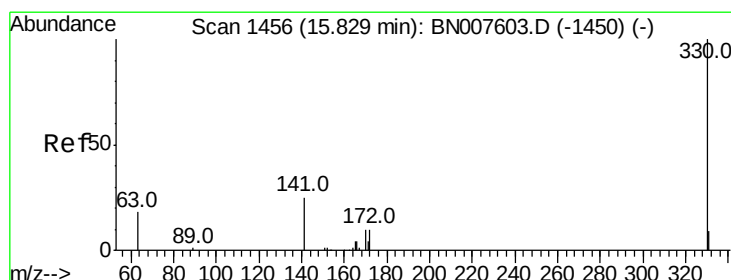
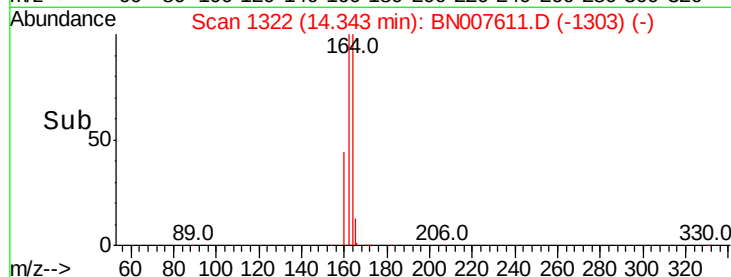
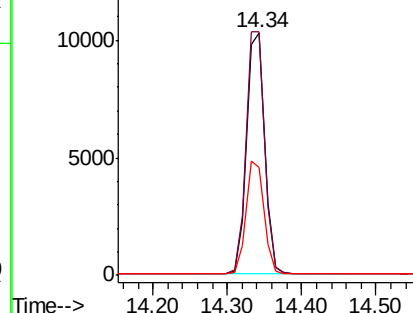
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.34 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BN007611.D
 Acq: 12 Sep 2019 17:19

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:164 Resp: 17294
 Ion Ratio Lower Upper
 164 100
 162 100.3 82.8 124.2
 160 44.7 38.0 57.0

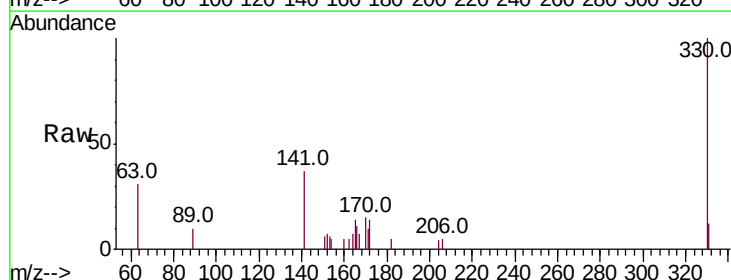


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

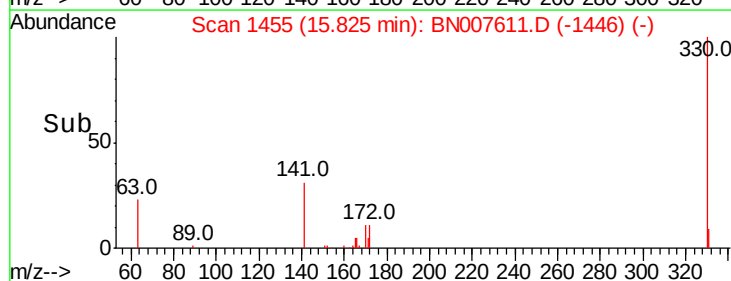
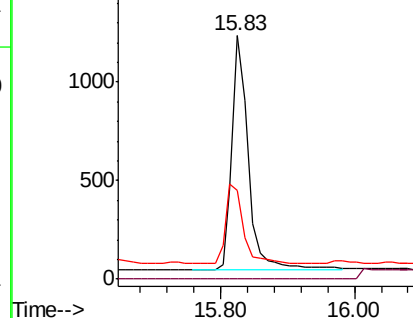


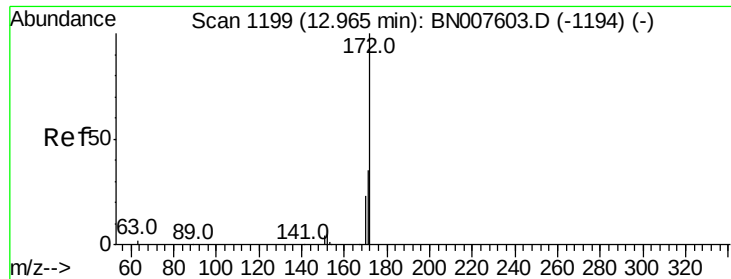
#14
 2,4,6-Tribromophenol
 Concen: 0.313 ng
 RT: 15.83 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BN007611.D
 Acq: 12 Sep 2019 17:19

Tgt Ion:330 Resp: 2044
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.8 30.1 45.1



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

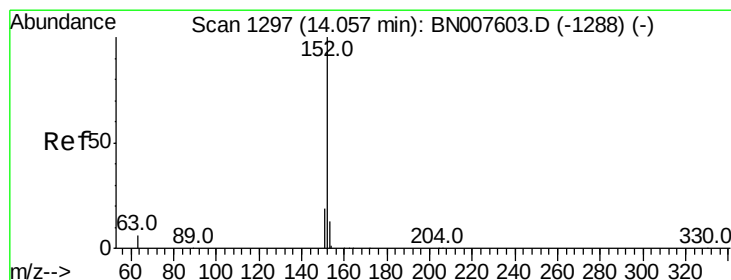
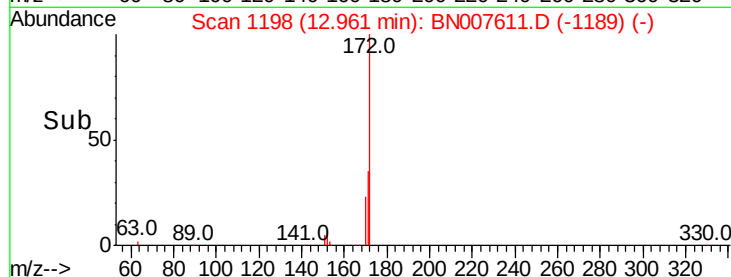
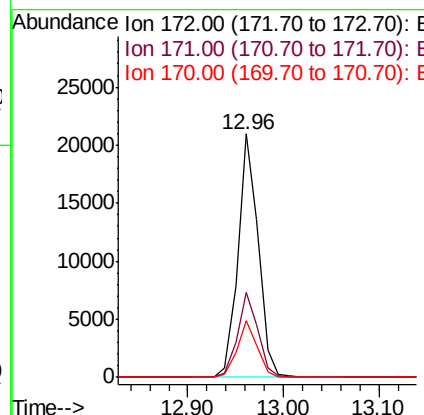
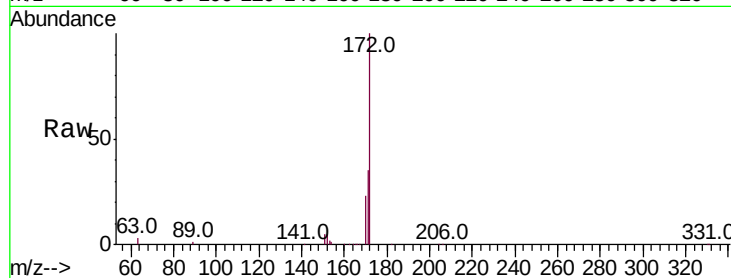




#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.96 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BN007611.D
Acq: 12 Sep 2019 17:19

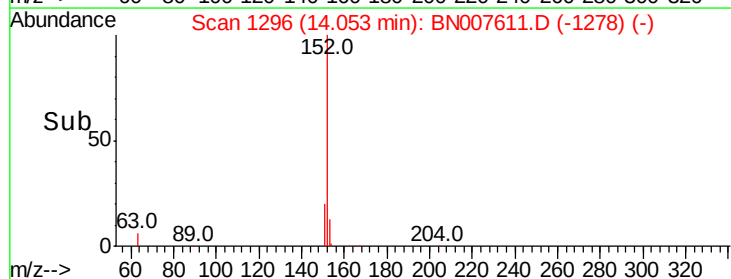
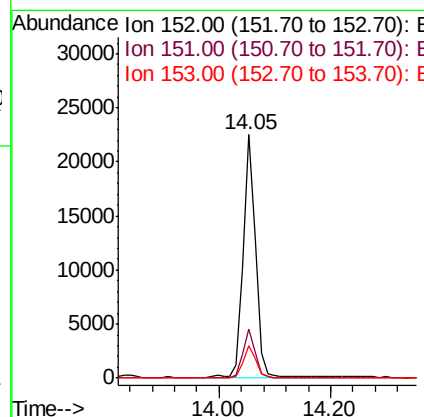
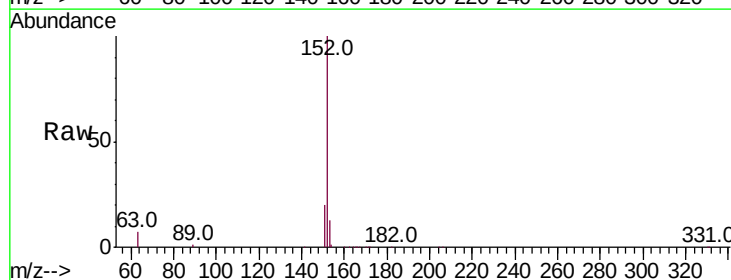
Instrument :
BNA_N
ClientSampled :

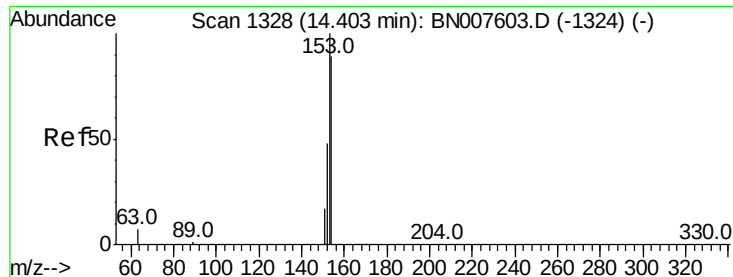
Tot Ion:172 Resp: 30550
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.2 18.5 27.7



#16
Acenaphthylene
Concen: 0.374 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BN007611.D
Acq: 12 Sep 2019 17:19

Tgt Ion:152 Resp: 33681
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.390 ng

RT: 14.40 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

Instrument :

BNA_N

ClientSampleId :

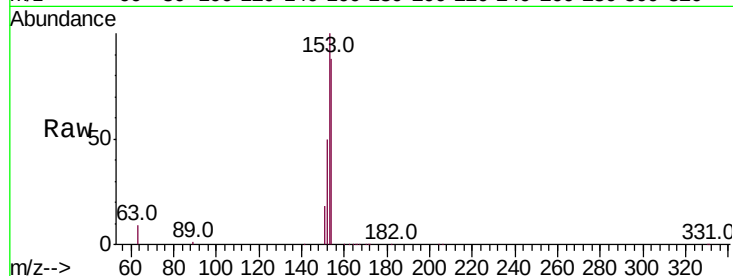
Tot Ion:154 Resp: 22900

Ion Ratio Lower Upper

154 100

153 112.1 89.8 134.8

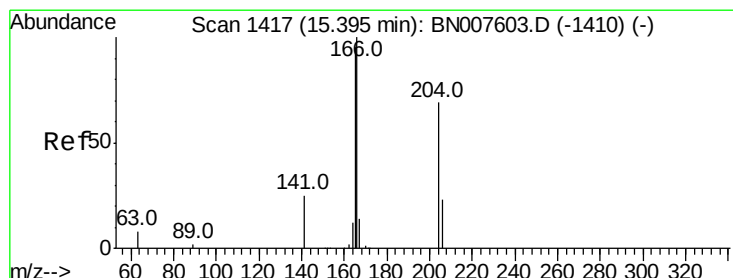
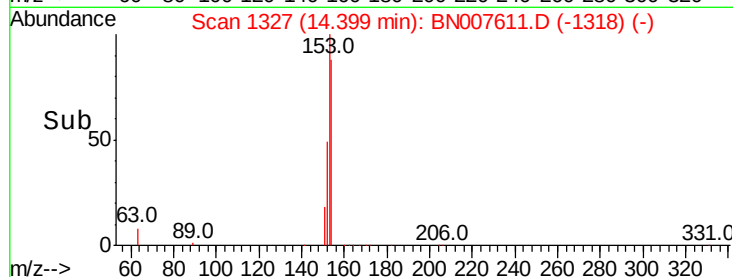
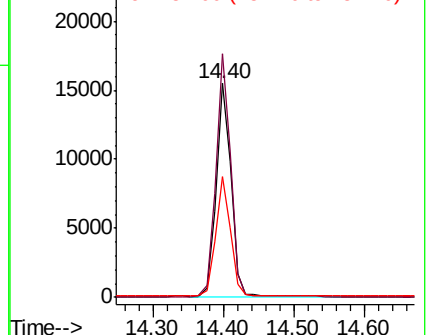
152 56.1 43.8 65.8



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: 0.395 ng

RT: 15.39 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

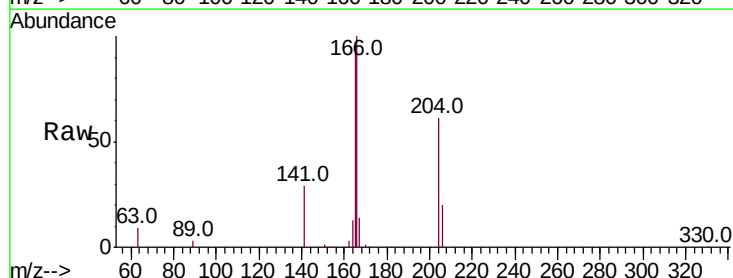
Tgt Ion:166 Resp: 29248

Ion Ratio Lower Upper

166 100

165 97.2 77.8 116.6

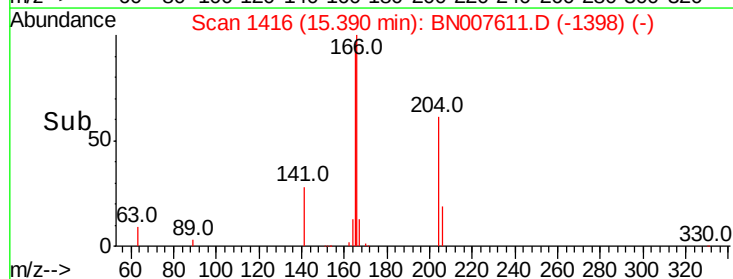
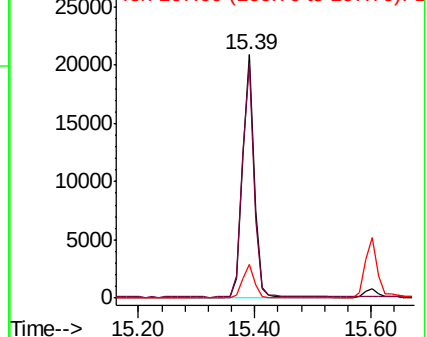
167 13.3 10.8 16.2

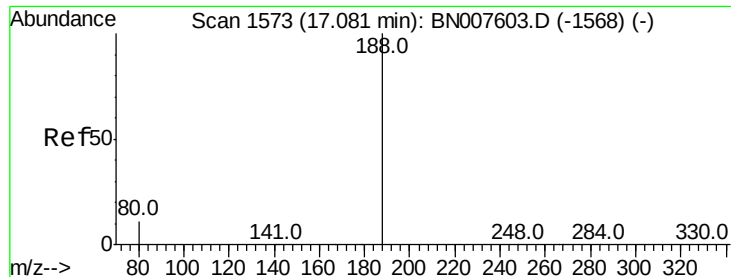


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.08 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

Instrument :

BNA_N

ClientSampleId :

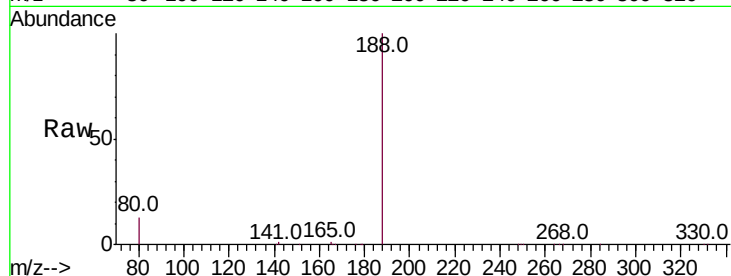
Tot Ion:188 Resp: 35868

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

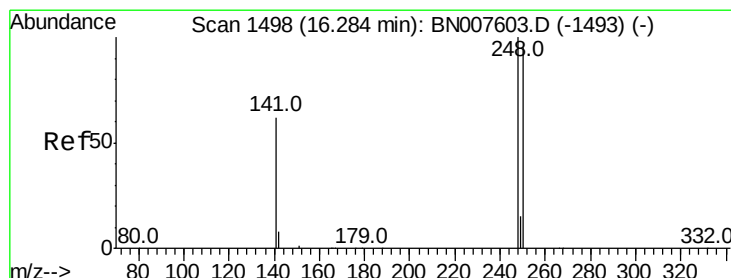
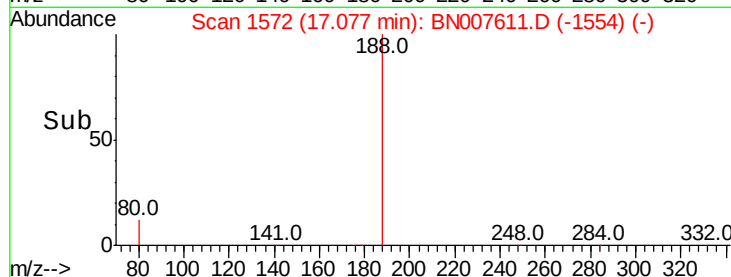
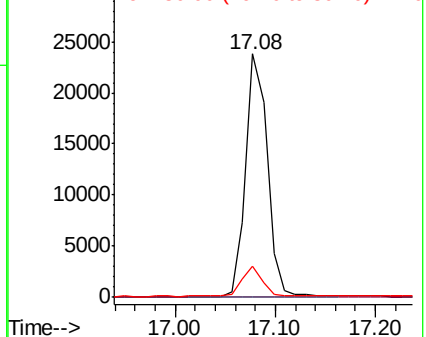
80 12.7 8.8 13.2



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: 0.423 ng

RT: 16.28 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

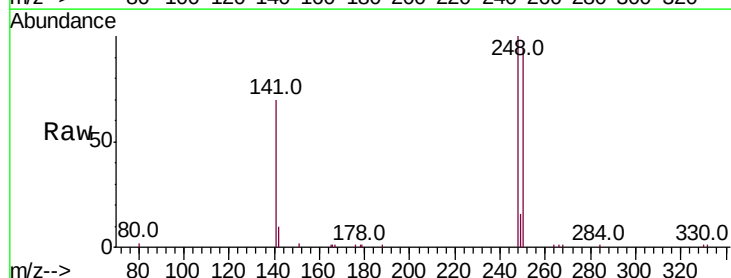
Tgt Ion:248 Resp: 9389

Ion Ratio Lower Upper

248 100

250 94.1 76.3 114.5

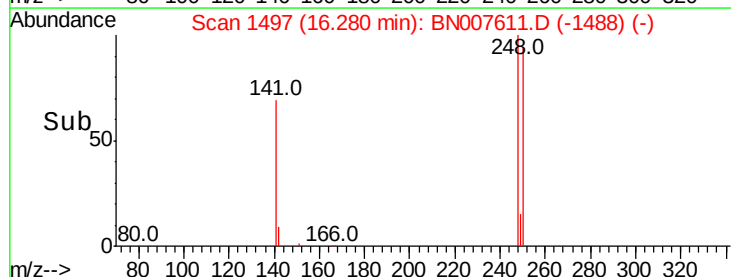
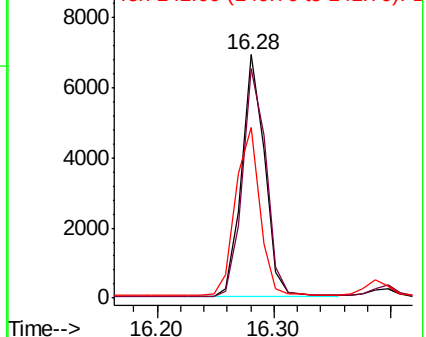
141 69.9 49.7 74.5

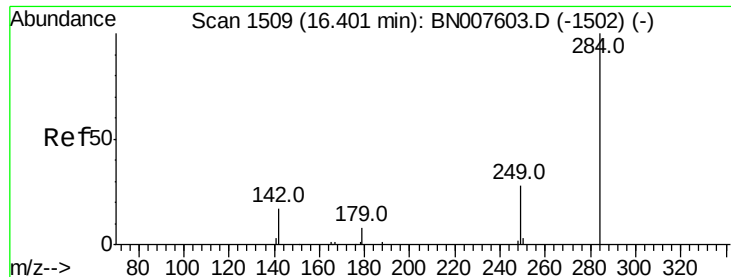


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

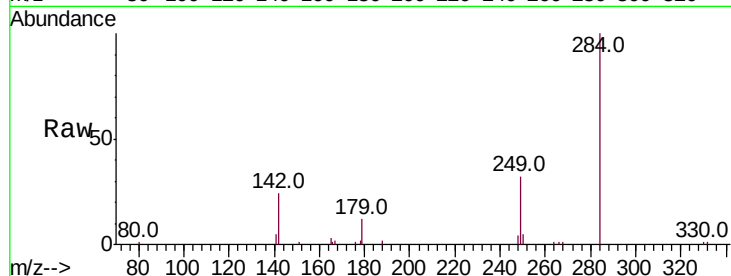




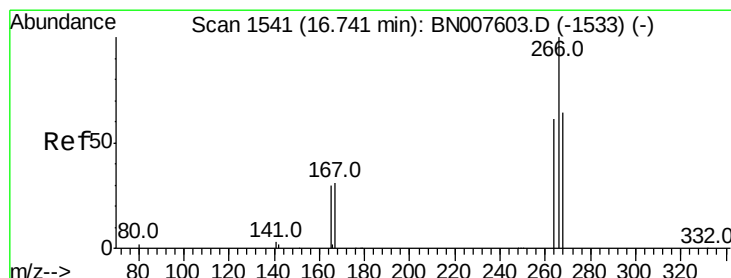
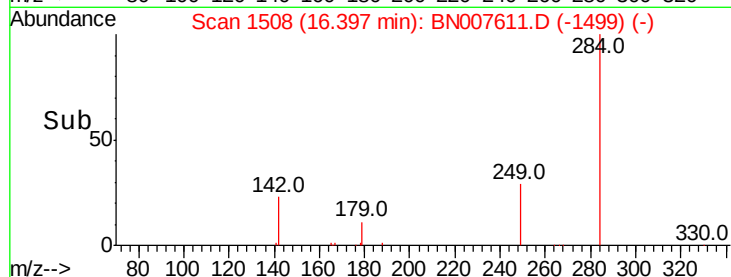
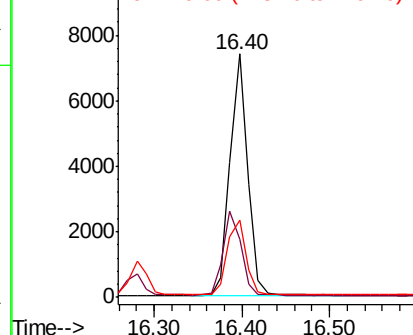
#21
Hexachlorobenzene
Concen: 0.432 ng
RT: 16.40 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BN007611.D
Acq: 12 Sep 2019 17:19

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 10236
Ion Ratio Lower Upper
284 100
142 35.4 27.8 41.6
249 32.7 25.5 38.3

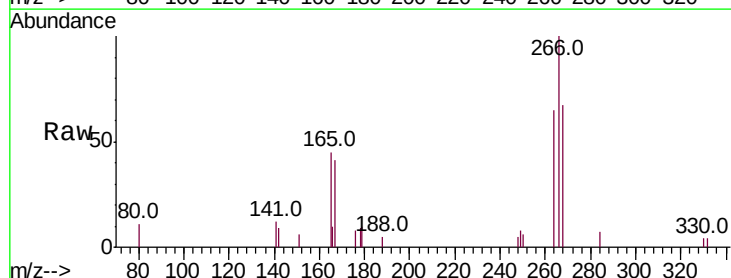


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

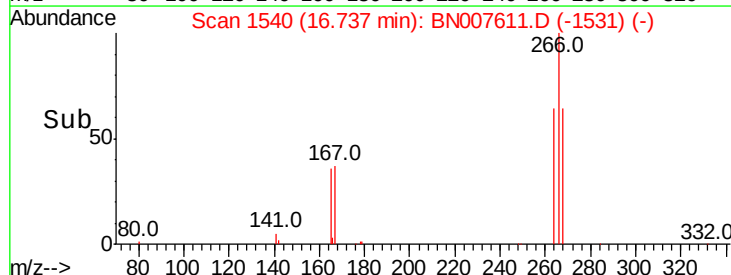
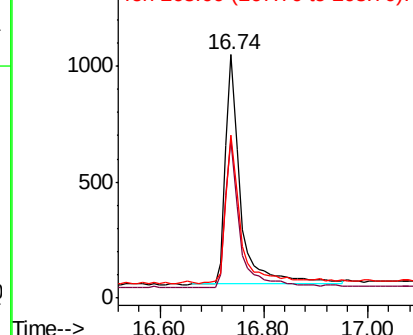


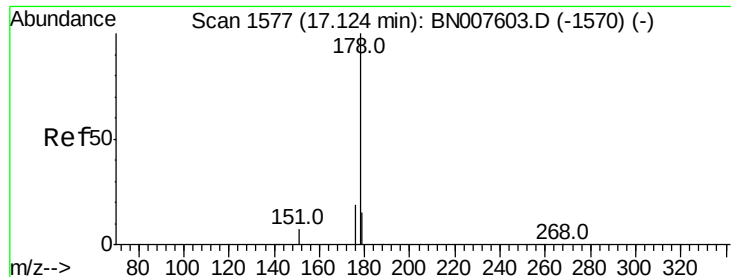
#22
Pentachlorophenol
Concen: 0.328 ng
RT: 16.74 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BN007611.D
Acq: 12 Sep 2019 17:19

Tgt Ion:266 Resp: 2020
Ion Ratio Lower Upper
266 100
264 65.1 49.4 74.0
268 67.2 53.0 79.6



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.430 ng

RT: 17.12 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

Instrument :

BNA_N

ClientSampleId :

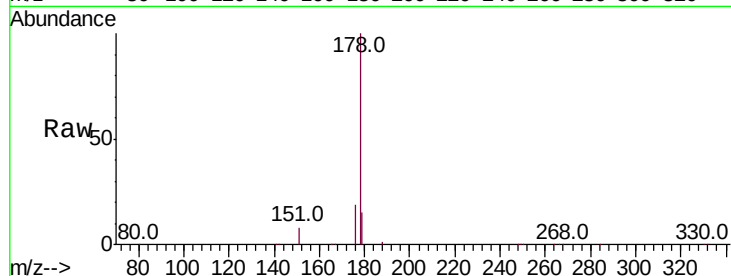
Tot Ion:178 Resp: 48688

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

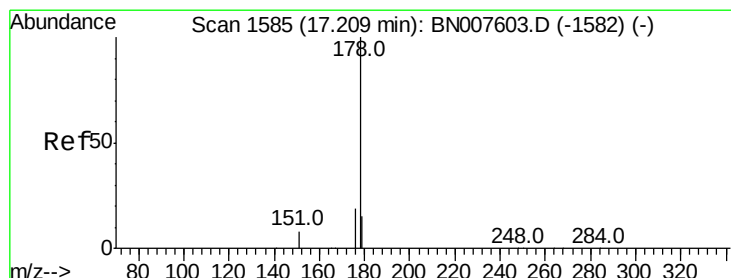
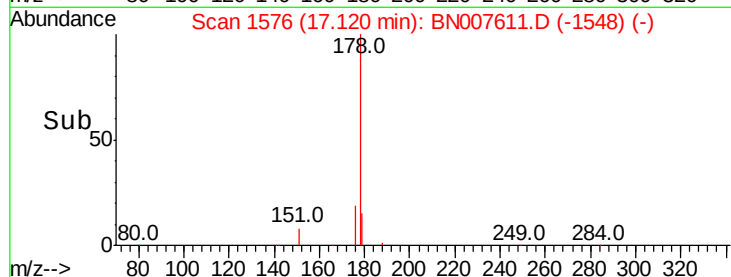
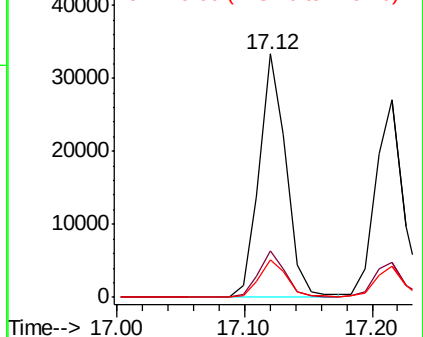
179 15.4 12.4 18.6



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: 0.406 ng

RT: 17.22 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

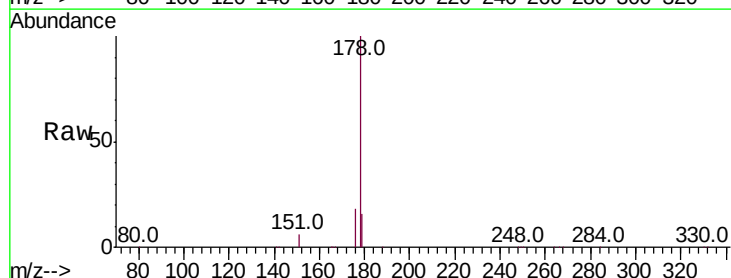
Tgt Ion:178 Resp: 40741

Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

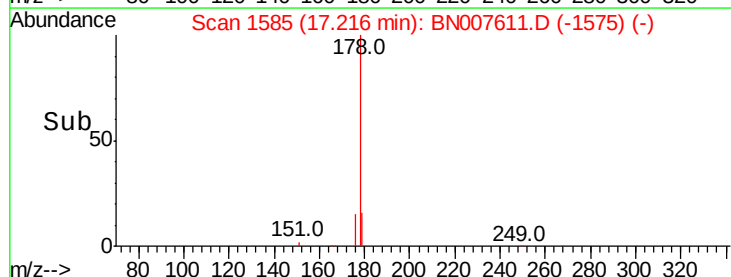
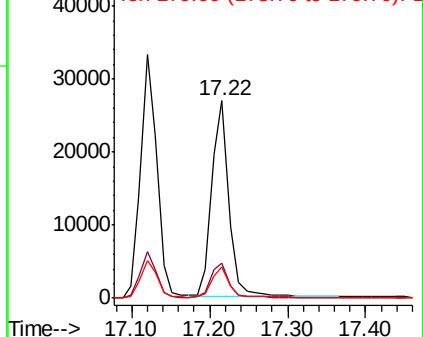
179 15.4 12.4 18.6

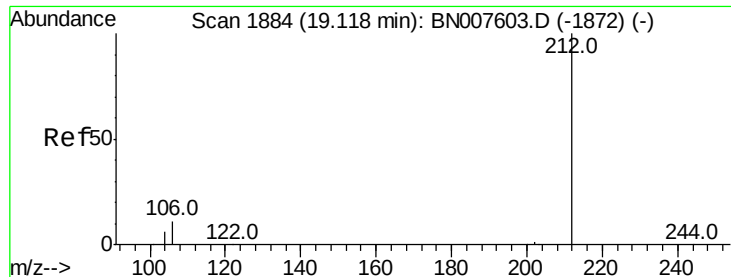


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.416 ng

RT: 19.11 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BN007611.D

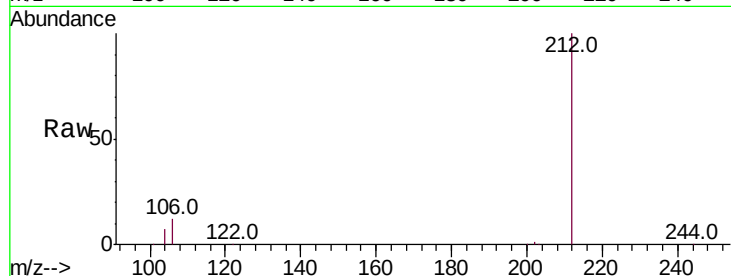
Acq: 12 Sep 2019 17:19

Instrument :

BNA_N

ClientSampled :

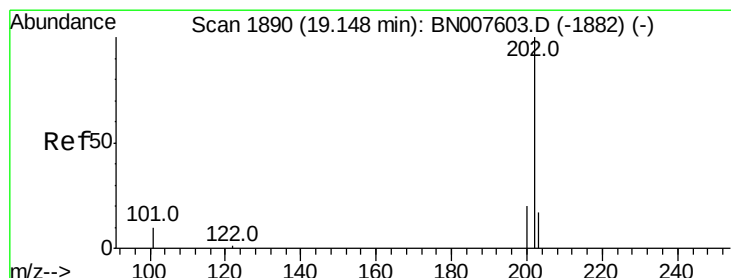
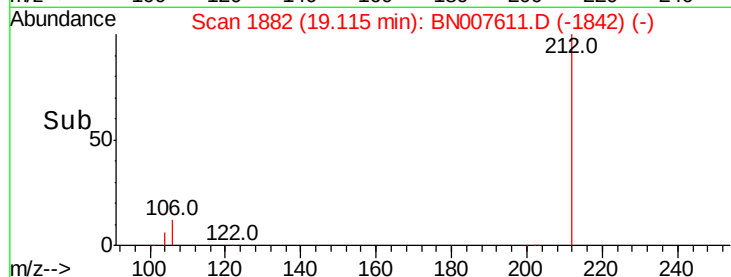
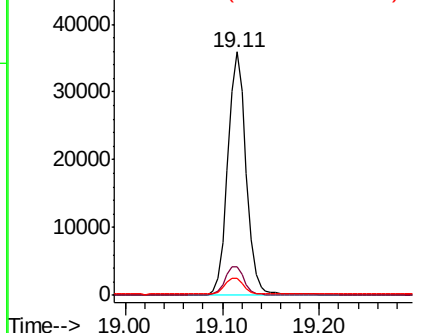
Tot Ion:212	Resp:	47133
Ion Ratio	Lower	Upper
212	100	
106	12.1	9.6 14.4
104	6.8	5.4 8.0



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.423 ng

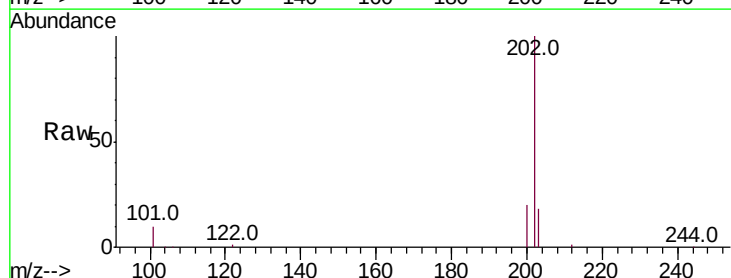
RT: 19.14 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

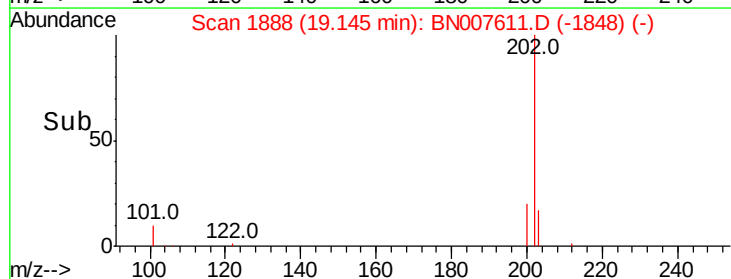
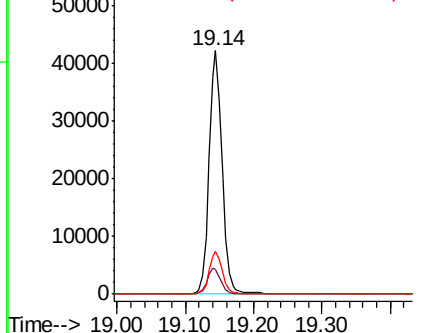
Tgt Ion:202	Resp:	55896
Ion Ratio	Lower	Upper
202	100	
101	11.0	8.6 13.0
203	17.3	13.8 20.6

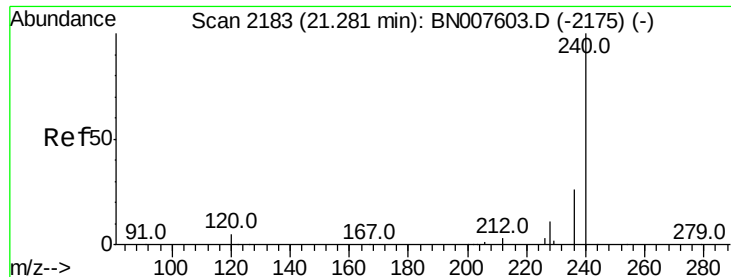


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2181

Delta R.T. -0.01 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

Instrument :

BNA_N

ClientSampleId :

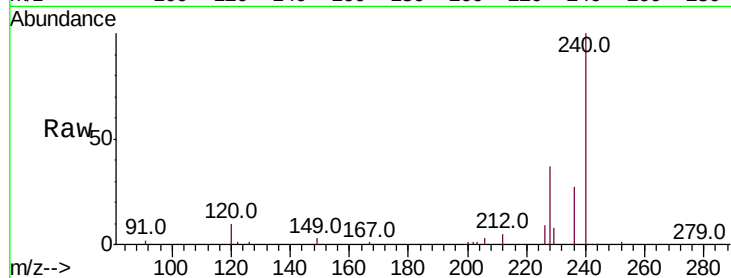
Tot Ion:240 Resp: 35856

Ion Ratio Lower Upper

240 100

120 10.3 4.3 6.5#

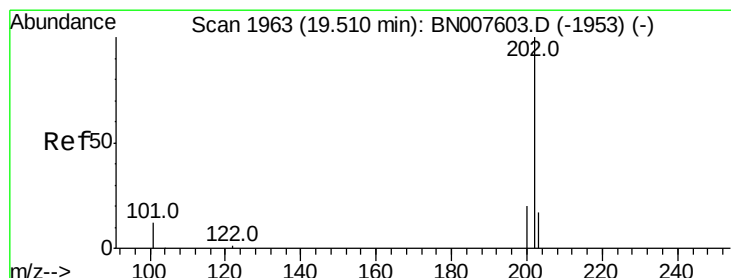
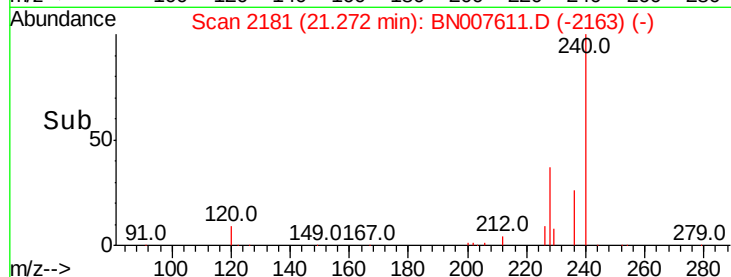
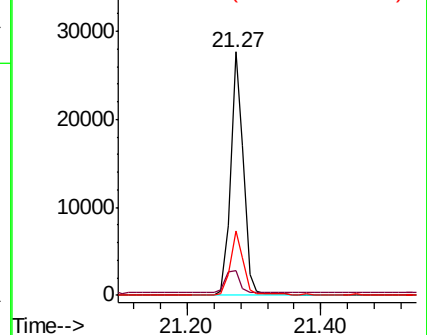
236 26.7 20.8 31.2



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: 0.422 ng

RT: 19.51 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

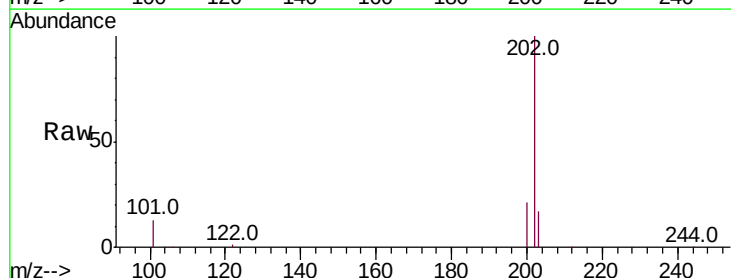
Tgt Ion:202 Resp: 55010

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

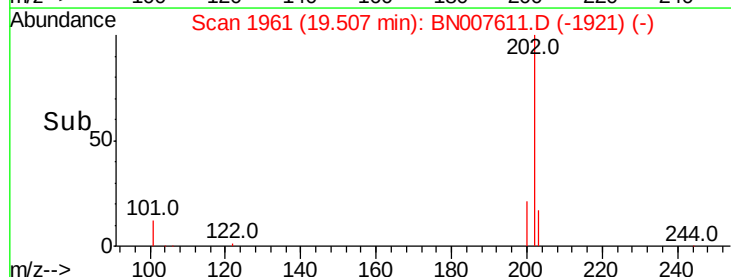
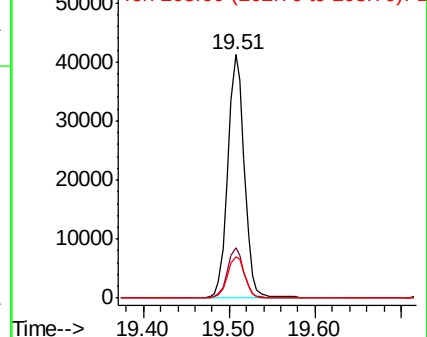
203 17.6 14.0 21.0

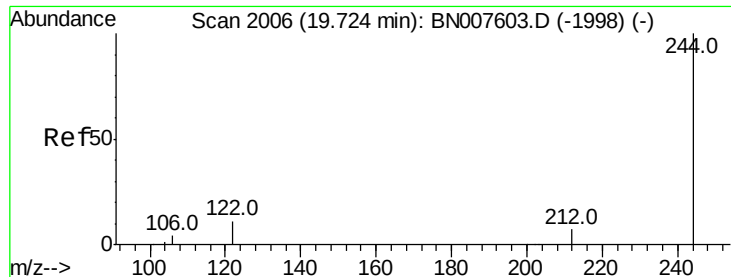


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.422 ng

RT: 19.72 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

Instrument :

BNA_N

ClientSampleId :

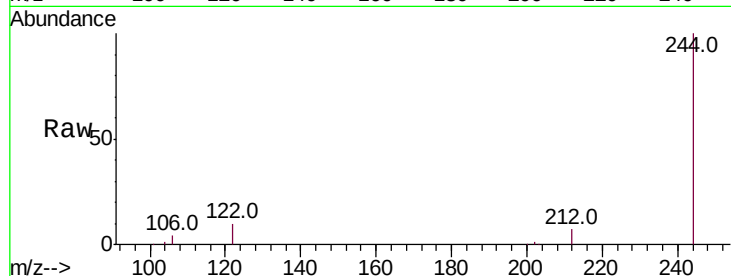
Tot Ion:244 Resp: 39938

Ion Ratio Lower Upper

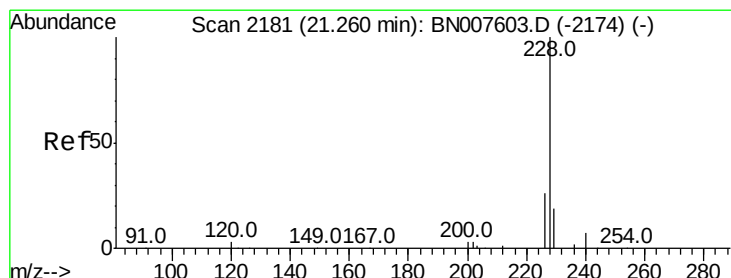
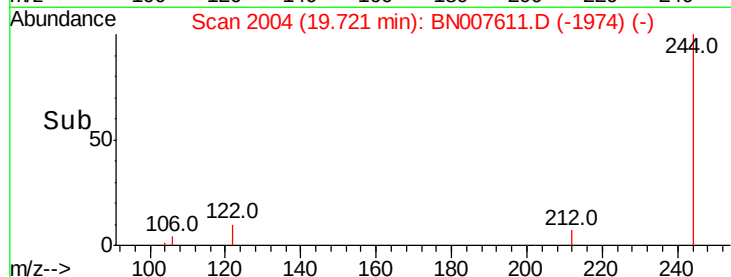
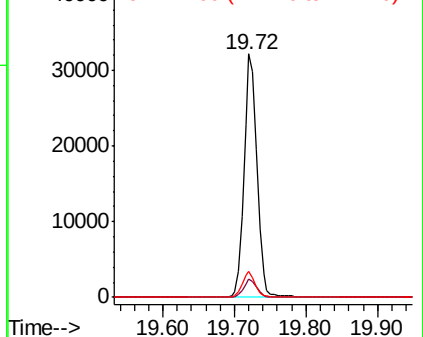
244 100

212 7.4 5.9 8.9

122 10.4 8.6 12.8



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: 0.392 ng

RT: 21.26 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

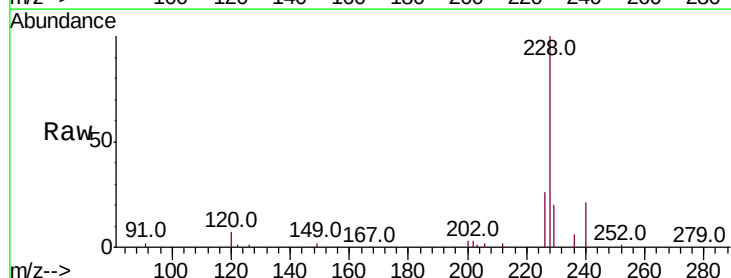
Tgt Ion:228 Resp: 49861

Ion Ratio Lower Upper

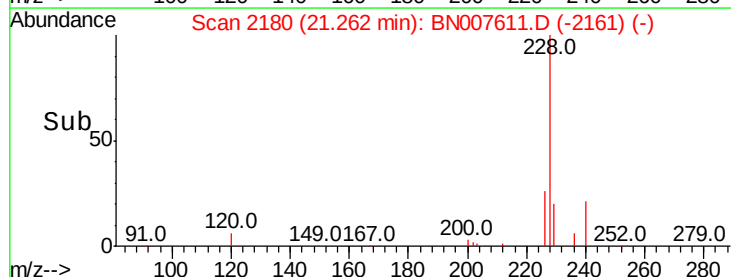
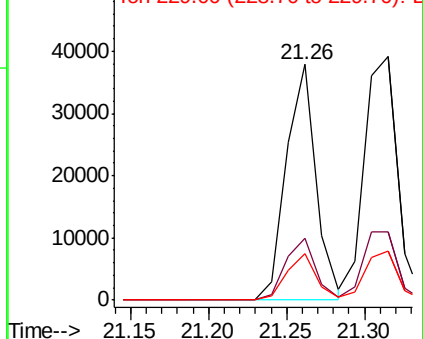
228 100

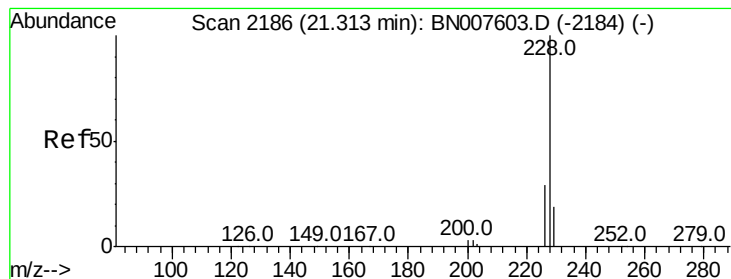
226 26.1 21.2 31.8

229 19.9 15.5 23.3



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: 0.434 ng

RT: 21.31 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

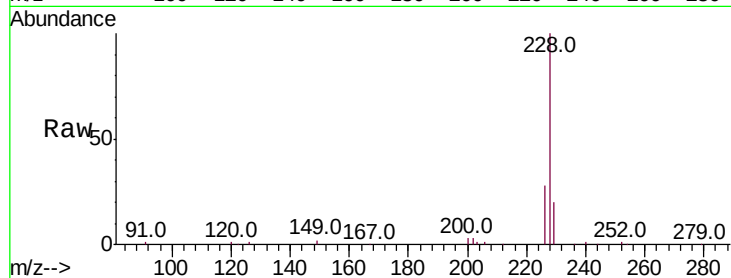
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 57368

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.4	35.2
229	20.0	15.5	23.3

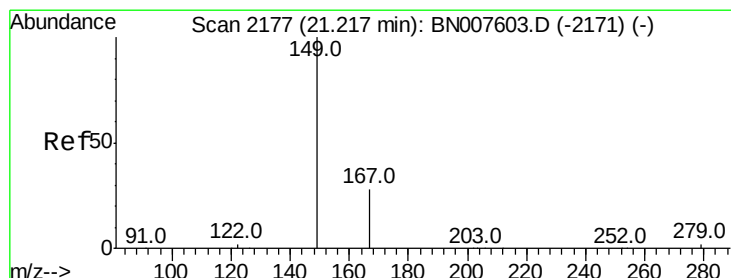
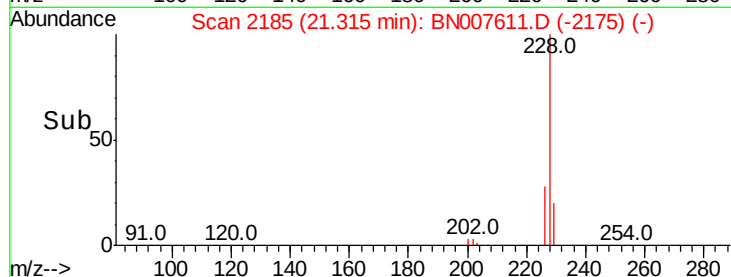
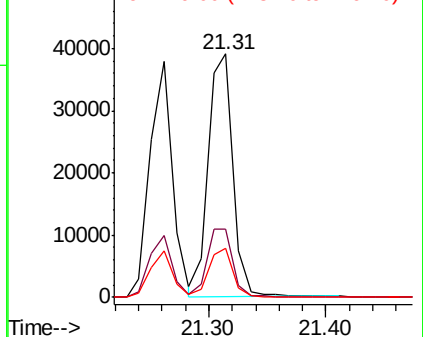


Abundance

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: 0.332 ng

RT: 21.22 min Scan# 2176

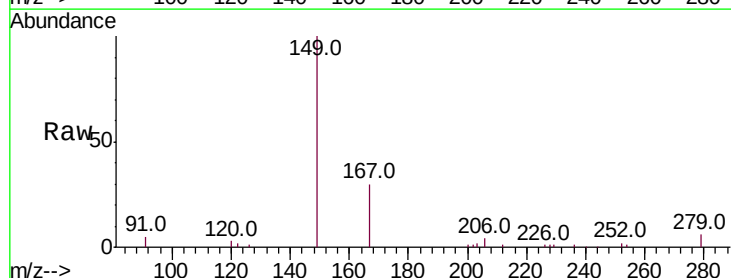
Delta R.T. 0.00 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

Tgt Ion:149 Resp: 14322

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.6	34.0
279	5.0	3.8	5.6

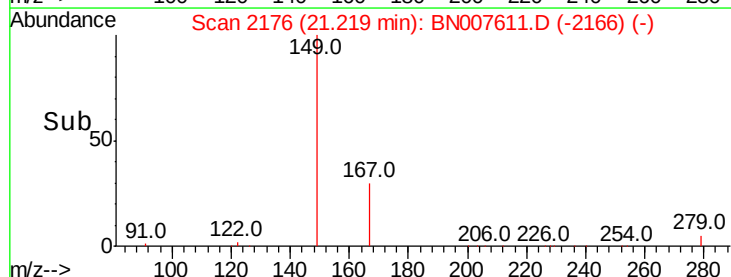
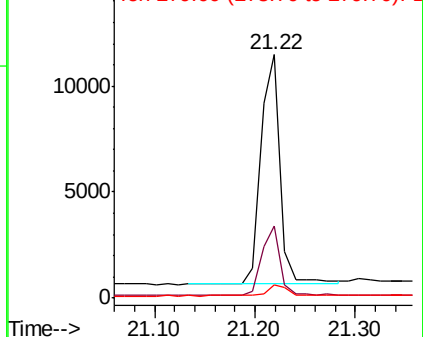


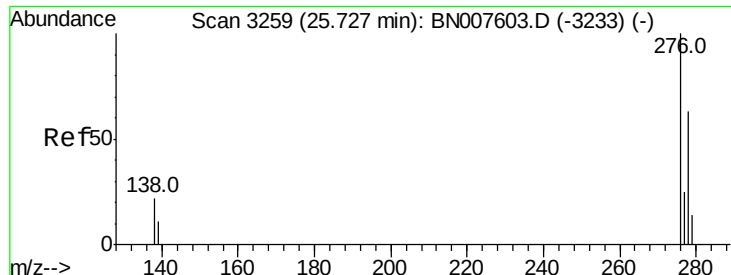
Abundance

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: 0.428 ng

RT: 25.72 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

Instrument :

BNA_N

ClientSampleId :

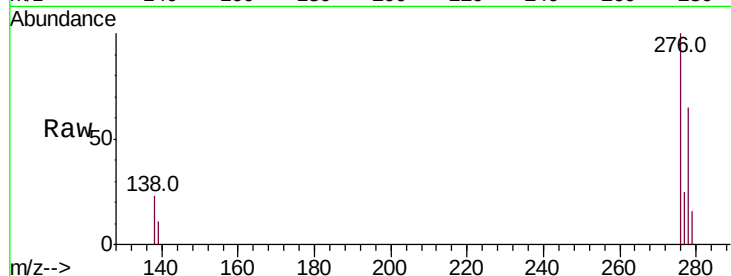
Tot Ion:276 Resp: 60481

Ion Ratio Lower Upper

276 100

138 22.9 18.2 27.4

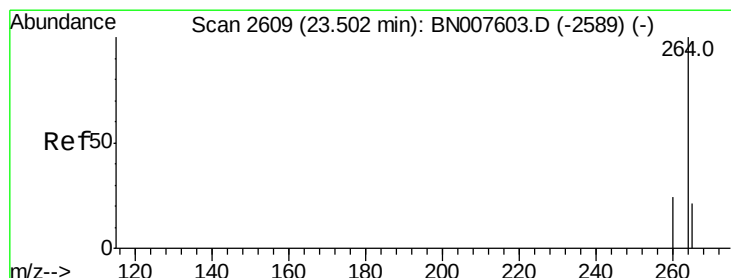
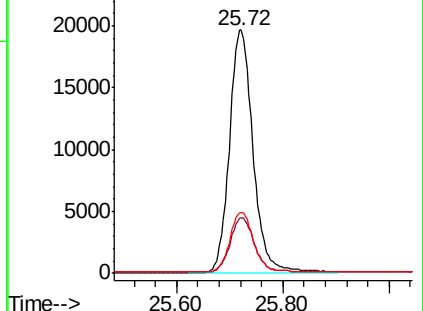
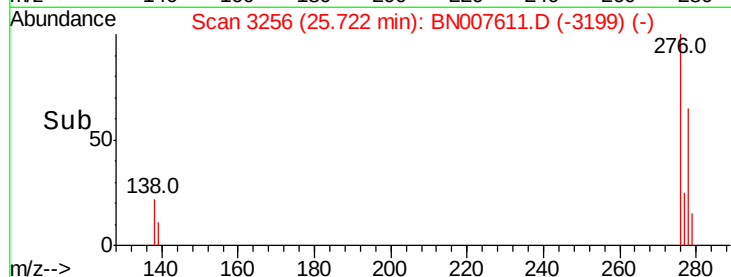
277 25.0 20.1 30.1



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: 23.50 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

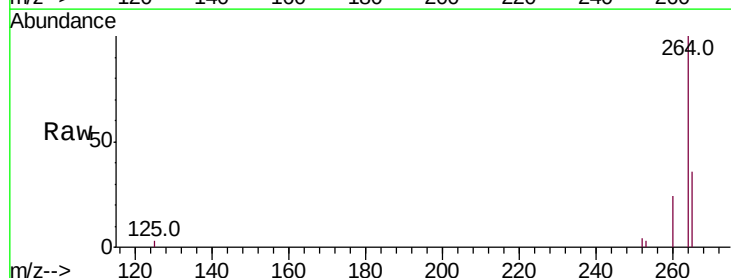
Tgt Ion:264 Resp: 36210

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

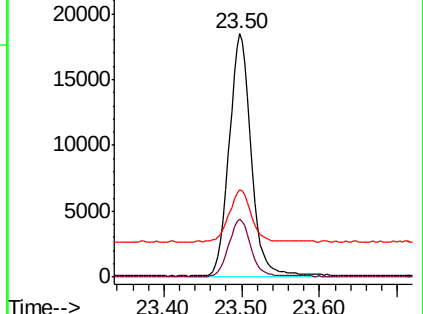
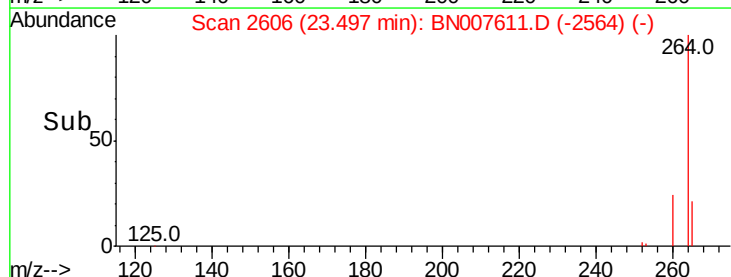
265 35.8 24.6 37.0

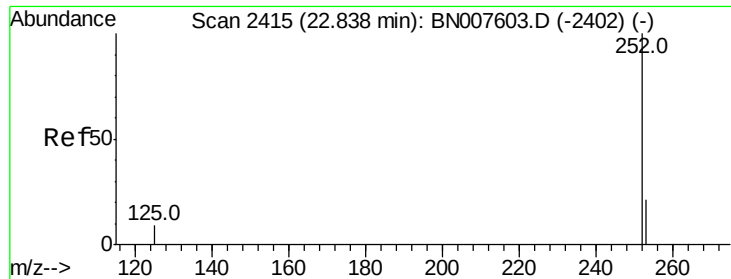


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

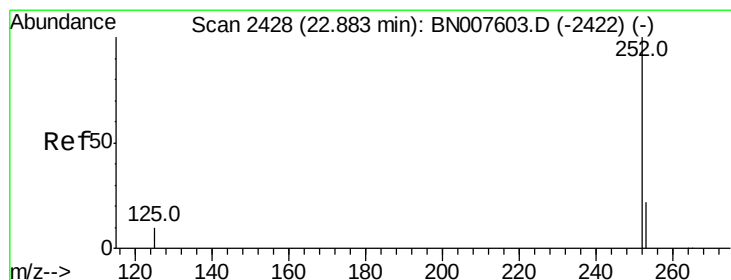
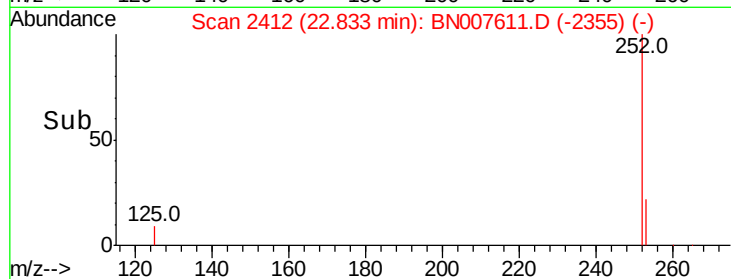
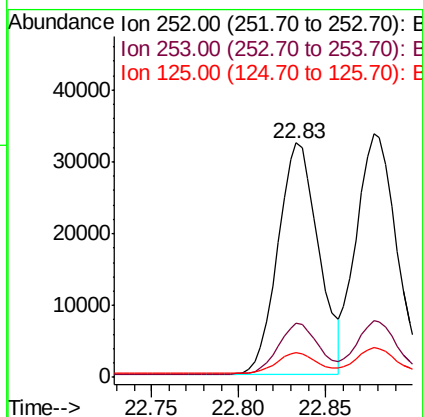
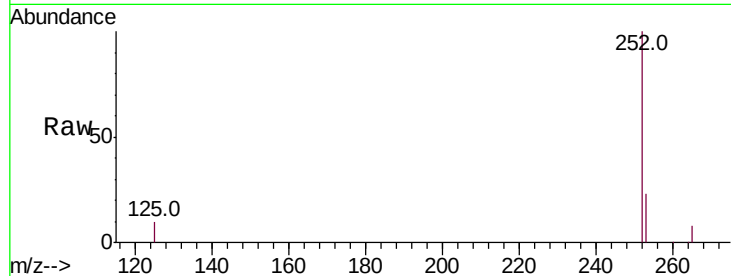




#35
Benzo(b)fluoranthene
Concen: 0.402 ng
RT: 22.83 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BN007611.D
Acq: 12 Sep 2019 17:19

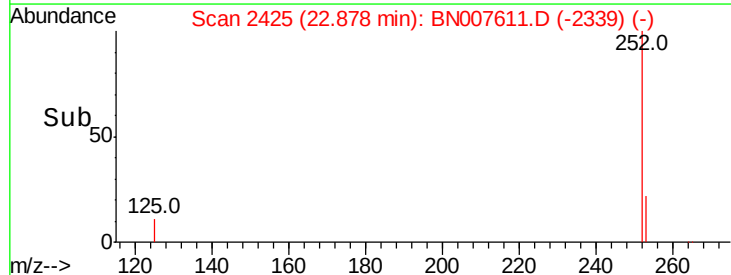
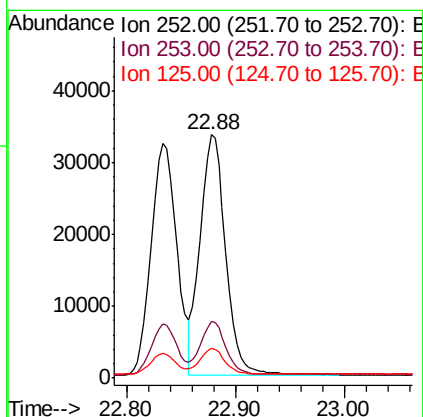
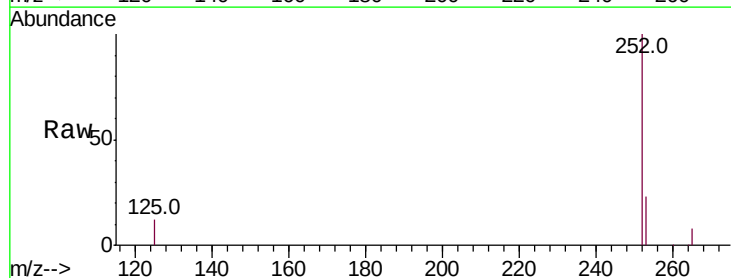
Instrument :
BNA_N
ClientSampleId :

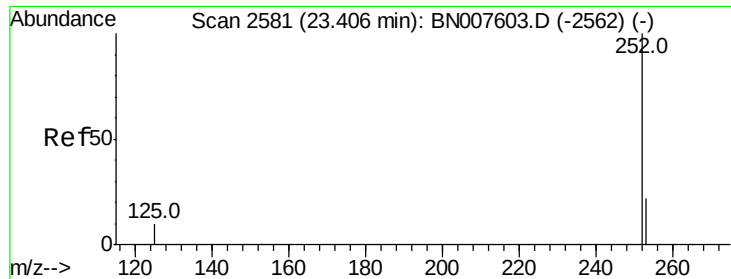
Tot Ion:252 Resp: 52847
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 10.5 8.0 12.0



#36
Benzo(k)fluoranthene
Concen: 0.407 ng
RT: 22.88 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BN007611.D
Acq: 12 Sep 2019 17:19

Tgt Ion:252 Resp: 54764
Ion Ratio Lower Upper
252 100
253 23.2 18.3 27.5
125 12.2 8.9 13.3





#37

Benzo(a)pyrene

Concen: 0.389 ng

RT: 23.40 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

Instrument :

BNA_N

ClientSampleId :

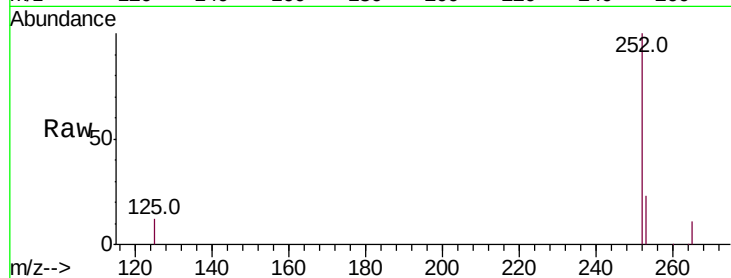
Tot Ion:252 Resp: 45406

Ion Ratio Lower Upper

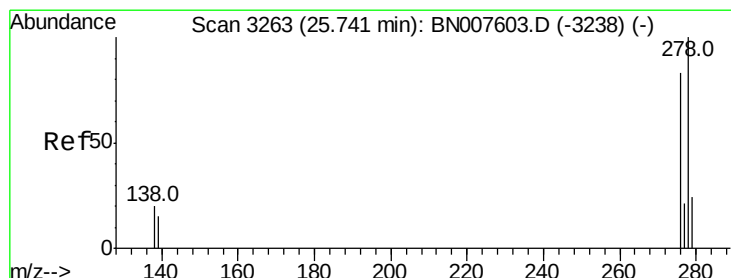
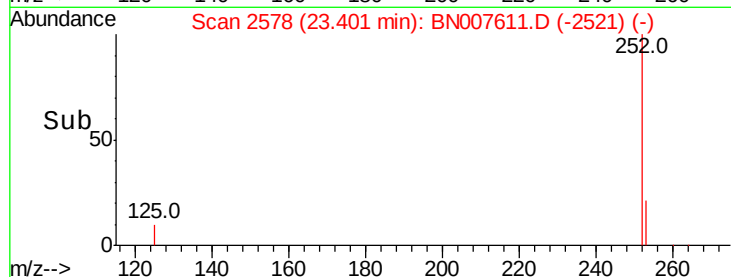
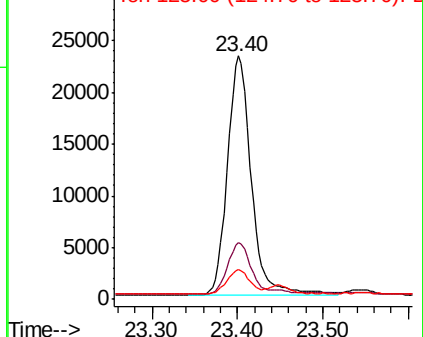
252 100

253 23.2 18.3 27.5

125 12.1 8.9 13.3



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



#38

Dibenzo(a,h)anthracene

Concen: 0.410 ng

RT: 25.74 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

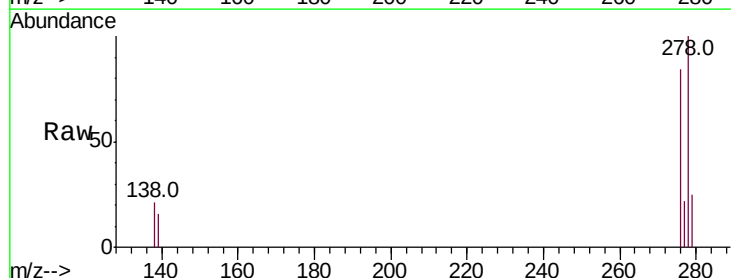
Tgt Ion:278 Resp: 50094

Ion Ratio Lower Upper

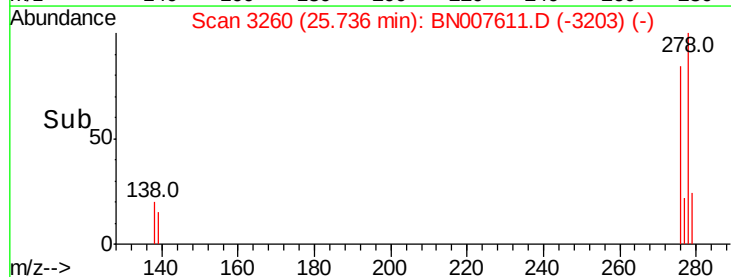
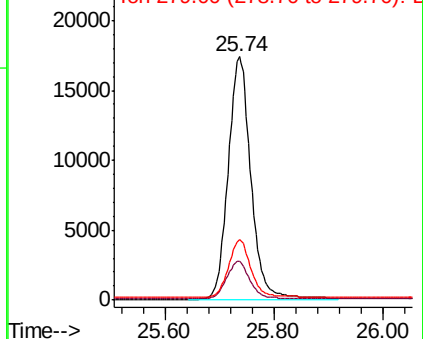
278 100

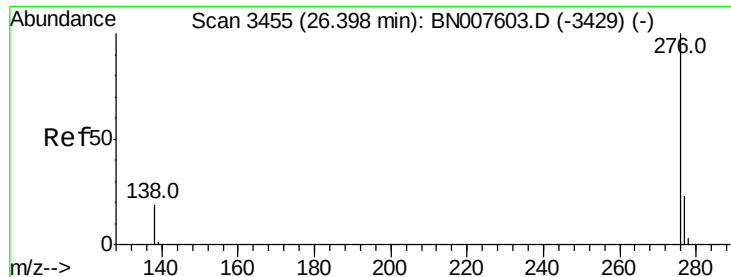
139 15.8 12.6 18.8

279 24.7 19.6 29.4



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: 26.39 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BN007611.D

Acq: 12 Sep 2019 17:19

Instrument :

BNA_N

ClientSampleId :

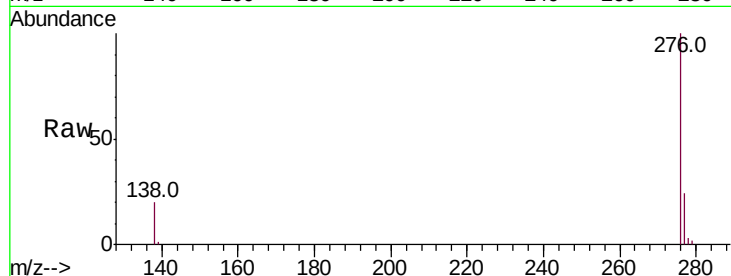
Tot Ion:276 Resp: 49108

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 20.0 15.8 23.6



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

