

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
 Data File : BN007742.D
 Acq On : 19 Sep 2019 15:48
 Operator : HP/JU
 Sample : PB123061BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 20 01:48:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	11167	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	45706	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	25631	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	63522	0.40	ng	0.00
27) Chrysene-d12	21.27	240	81387	0.40	ng	0.00
34) Perylene-d12	23.48	264	77836	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	10197	0.27	ng	0.00
5) Phenol-d6	6.87	99	13923	0.29	ng	0.00
8) Nitrobenzene-d5	8.83	82	12663	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	26925	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	3713	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	40321	0.38	ng	0.00
25) Fluoranthene-d10	19.10	212	71633	0.33	ng	0.00
29) Terphenyl-d14	19.71	244	59882	0.30	ng	0.00

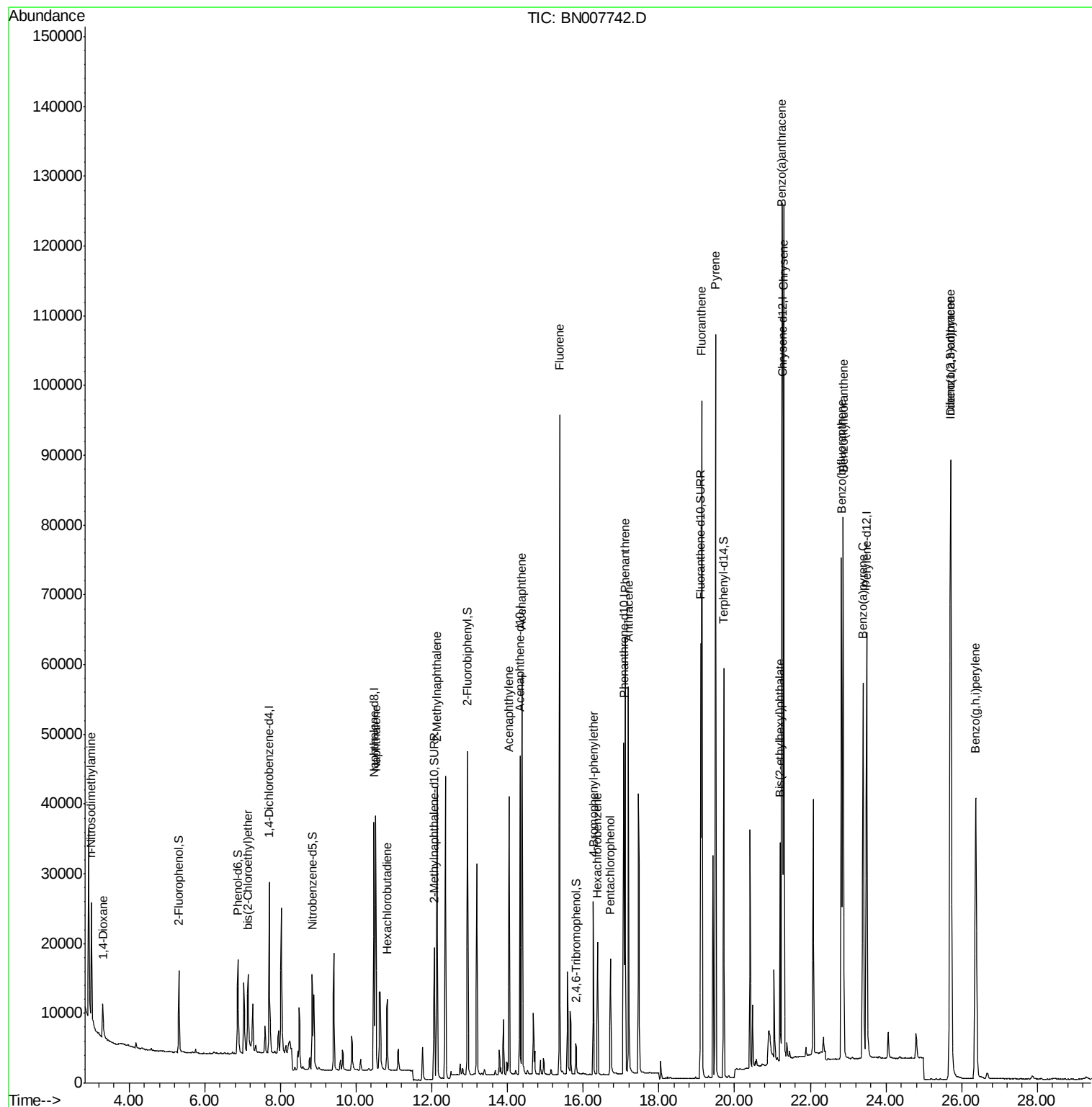
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	4166	0.335	ng	# 84
3) n-Nitrosodimethylamine	3.01	42	2121	0.372	ng	# 82
6) bis(2-Chloroethyl)ether	7.14	93	11444	0.362	ng	98
9) Naphthalene	10.52	128	45961	0.358	ng	99
10) Hexachlorobutadiene	10.82	225	9086	0.336	ng	# 99
12) 2-Methylnaphthalene	12.13	142	30781	0.355	ng	100
16) Acenaphthylene	14.03	152	46384	0.341	ng	100
17) Acenaphthene	14.38	154	30321	0.346	ng	97
18) Fluorene	15.37	166	39375	0.351	ng	100
20) 4-Bromophenyl-phenylether	16.26	248	12896	0.334	ng	# 73
21) Hexachlorobenzene	16.38	284	14391	0.341	ng	97
22) Pentachlorophenol	16.72	266	8795	0.566	ng	95
23) Phenanthrene	17.11	178	68992	0.349	ng	100
24) Anthracene	17.20	178	57984	0.324	ng	100
26) Fluoranthene	19.13	202	84521	0.344	ng	100
28) Pyrene	19.50	202	95195	0.343	ng	100
30) Benzo(a)anthracene	21.25	228	90797	0.303	ng	99
31) Chrysene	21.30	228	93077	0.319	ng	99
32) Bis(2-ethylhexyl)phthalate	21.21	149	30033	0.195	ng	99
33) Indeno(1,2,3-cd)pyrene	25.70	276	108678	0.297	ng	99
35) Benzo(b)fluoranthene	22.82	252	90660	0.336	ng	98
36) Benzo(k)fluoranthene	22.87	252	92473	0.346	ng	99
37) Benzo(a)pyrene	23.39	252	80593	0.317	ng	98
38) Dibenzo(a,h)anthracene	25.72	278	87662	0.337	ng	99
39) Benzo(g,h,i)perylene	26.37	276	83553	0.325	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 605

Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

Instrument :

BNA_N

ClientSampled :

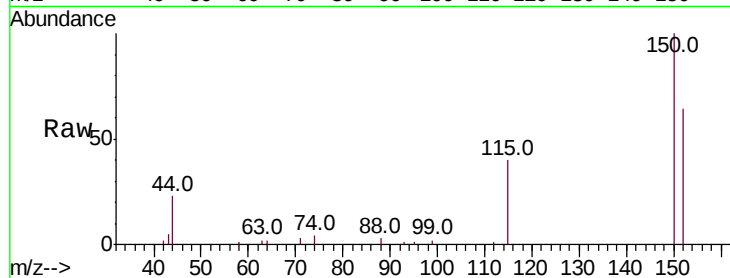
Tot Ion:152 Resp: 11167

Ion Ratio Lower Upper

152 100

150 157.2 125.6 188.4

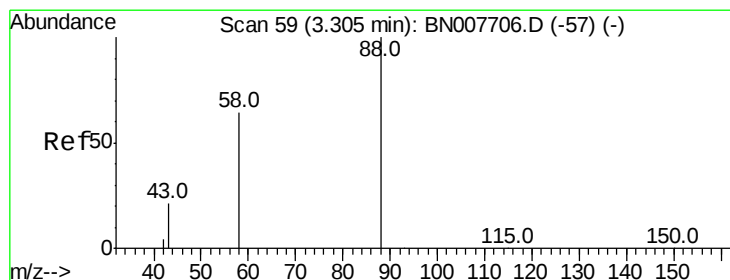
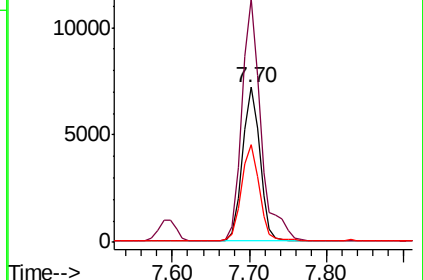
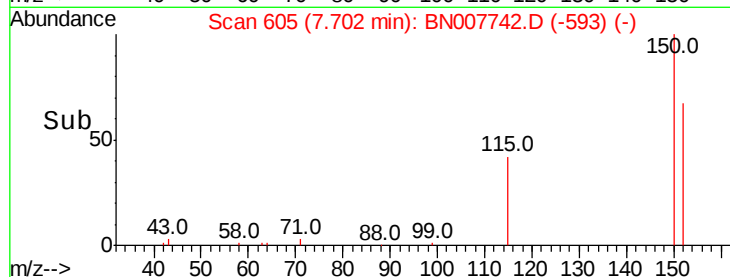
115 63.1 53.3 79.9



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: 0.335 ng

RT: 3.30 min Scan# 59

Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

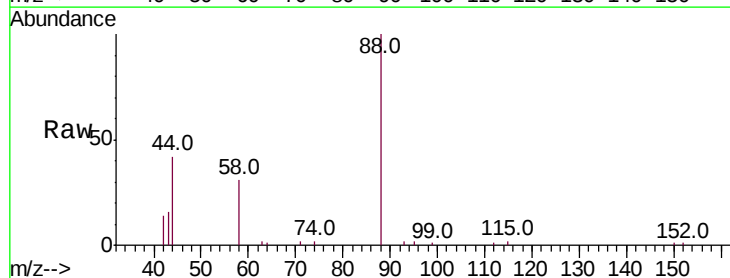
Tgt Ion: 88 Resp: 4166

Ion Ratio Lower Upper

88 100

58 68.4 44.6 66.8#

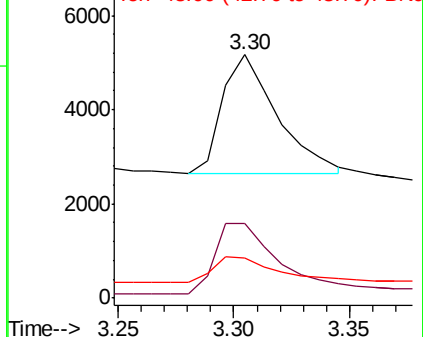
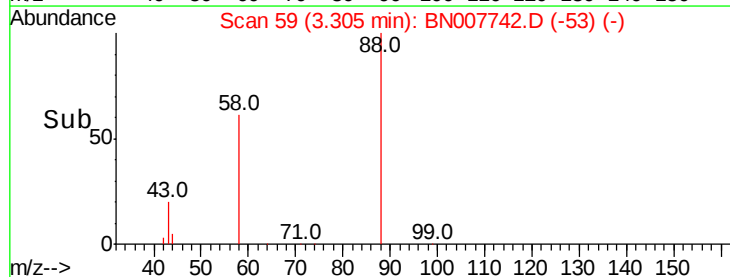
43 23.2 14.4 21.6#



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: 0.372 ng

RT: 3.01 min Scan# 22

Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

Instrument :

BNA_N

ClientSampleId :

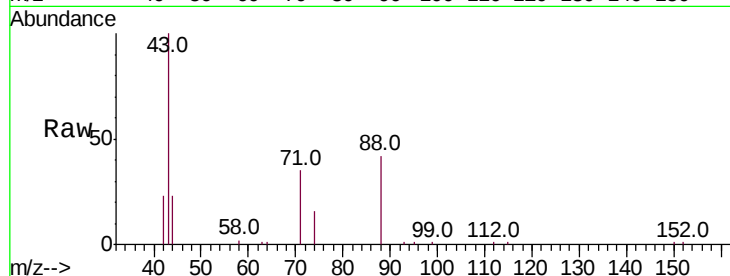
Tot Ion: 42 Resp: 2121

Ion Ratio Lower Upper

42 100

74 93.6 87.9 131.9

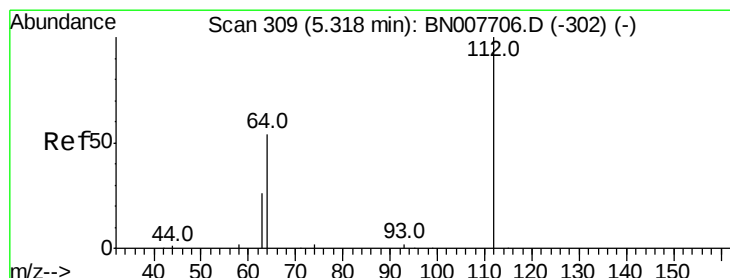
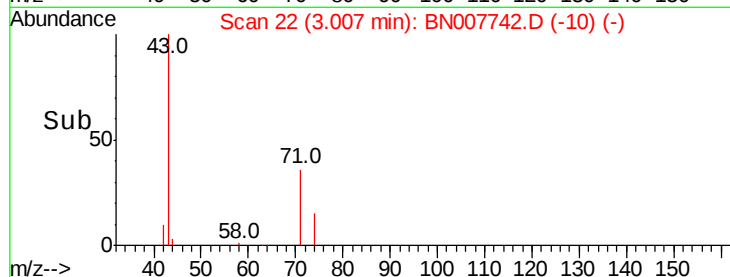
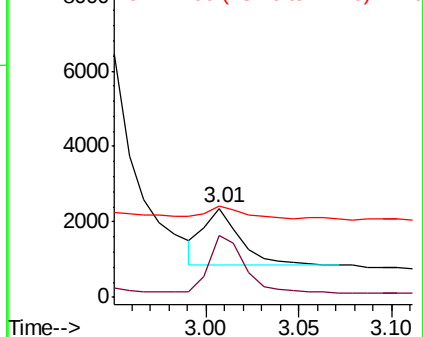
44 20.7 29.4 44.0#



Abundance Ion 42.00 (41.70 to 42.70): BN007706.D (-20) (-)

Ion 74.00 (73.70 to 74.70): BN007706.D (-20) (-)

Ion 44.00 (43.70 to 44.70): BN007706.D (-20) (-)



#4

2-Fluorophenol

Concen: 0.265 ng

RT: 5.32 min Scan# 309

Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

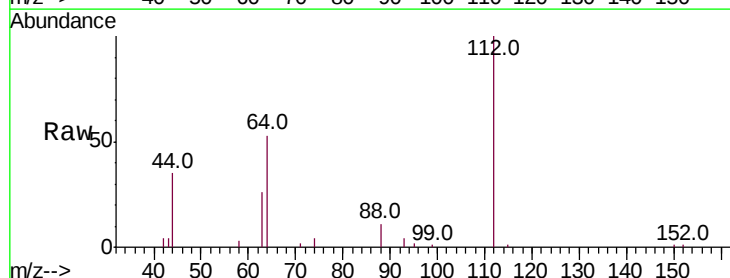
Tgt Ion: 112 Resp: 10197

Ion Ratio Lower Upper

112 100

64 60.2 46.6 70.0

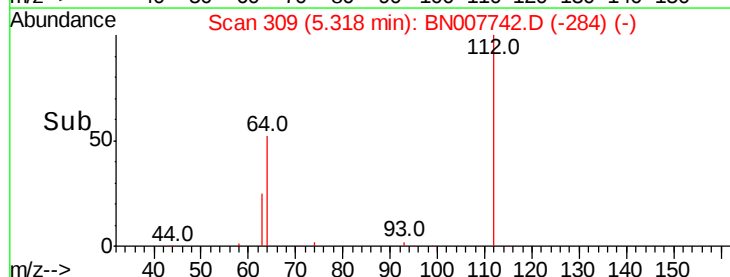
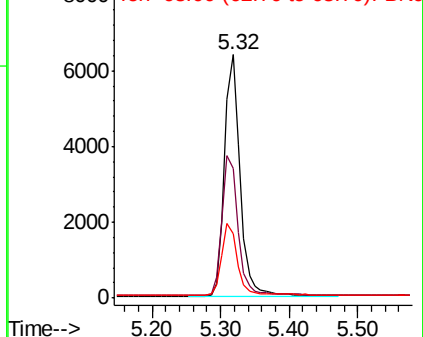
63 30.0 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BN007706.D (-302) (-)

Ion 64.00 (63.70 to 64.70): BN007706.D (-302) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-302) (-)





#5

Phenol-d6

Concen: 0.289 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

Instrument :

BNA_N

ClientSampled :

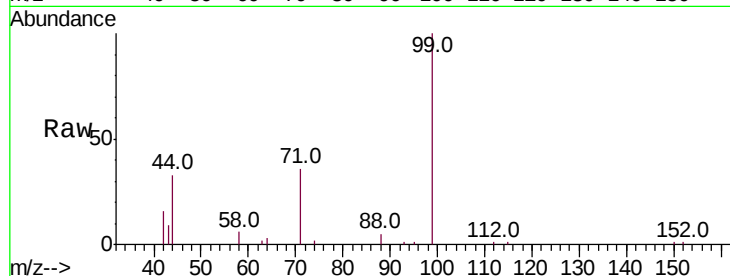
Tot Ion: 99 Resp: 13923

Ion Ratio Lower Upper

99 100

42 15.2 12.8 19.2

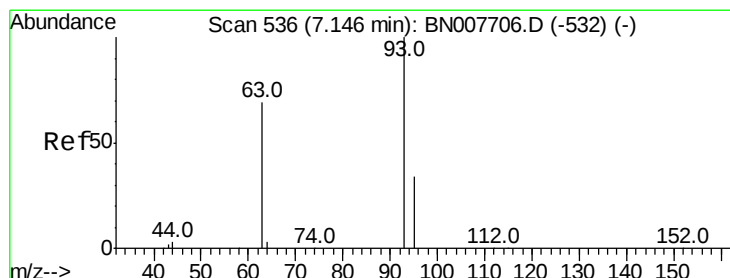
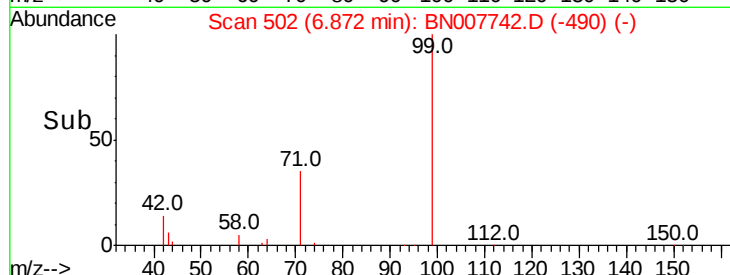
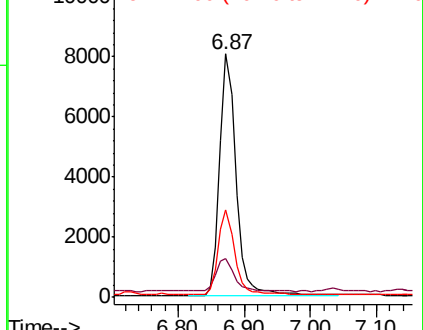
71 35.4 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007706.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BN007706.D (-493) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.362 ng

RT: 7.14 min Scan# 535

Delta R.T. -0.01 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

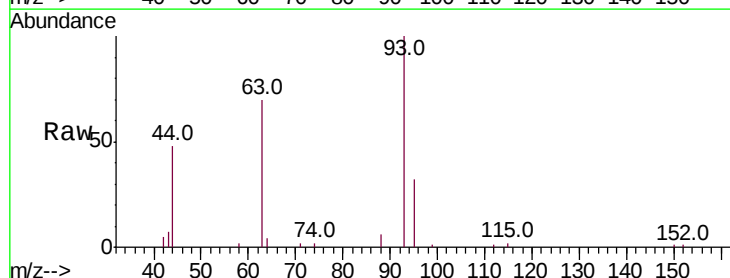
Tgt Ion: 93 Resp: 11444

Ion Ratio Lower Upper

93 100

63 73.6 59.3 88.9

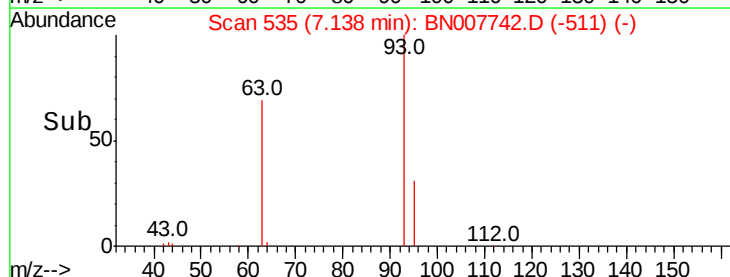
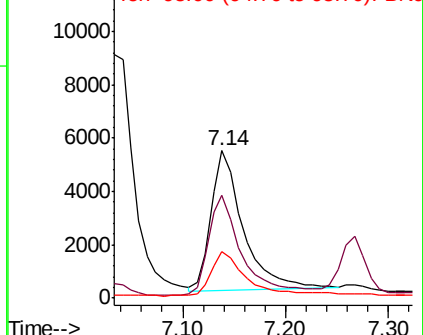
95 36.6 31.4 47.0

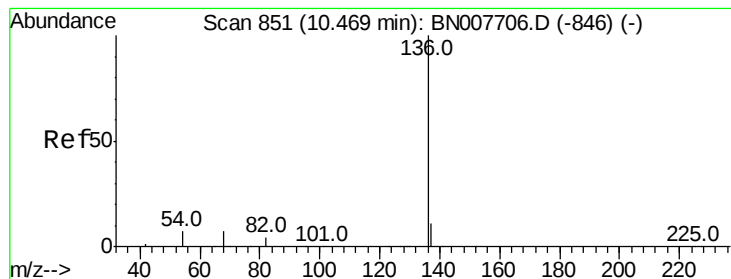


Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-532) (-)

Ion 95.00 (94.70 to 95.70): BN007706.D (-532) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 45706

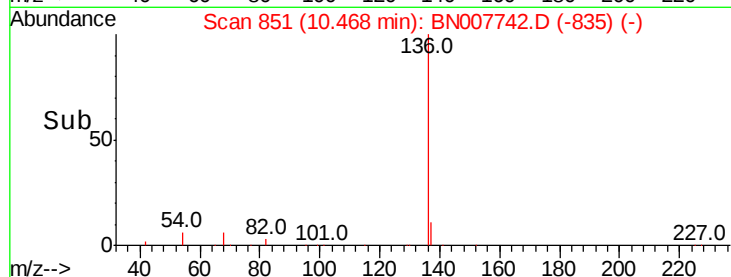
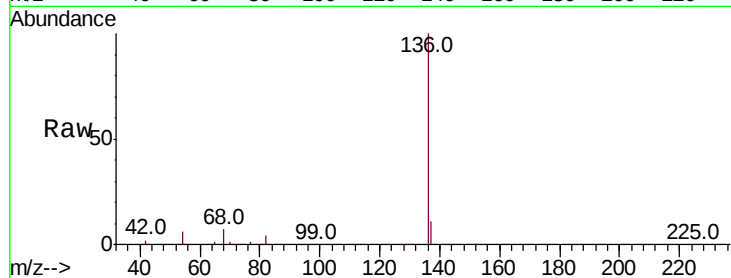
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 5.9 5.8 8.8

68 6.5 6.5 9.7

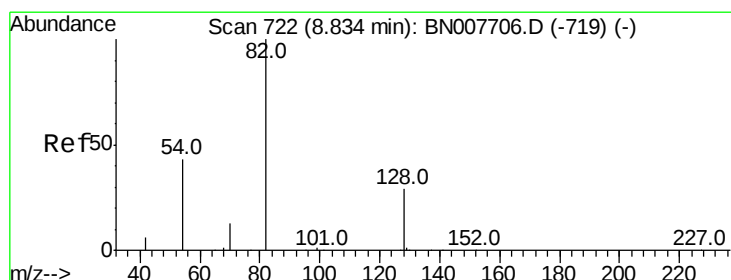
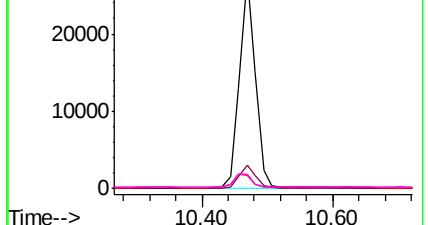


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.317 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

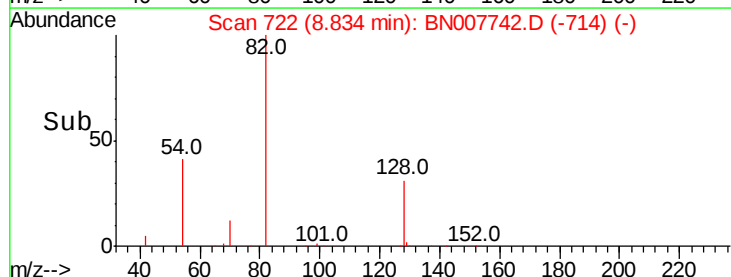
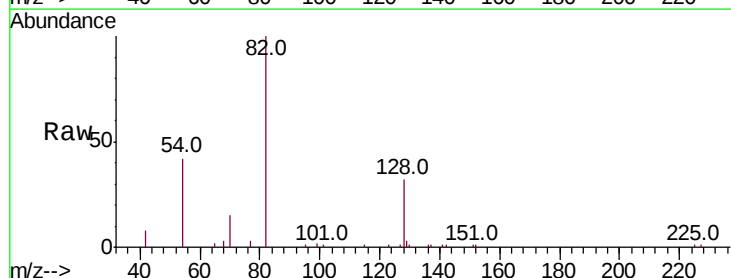
Tgt Ion: 82 Resp: 12663

Ion Ratio Lower Upper

82 100

128 31.7 24.5 36.7

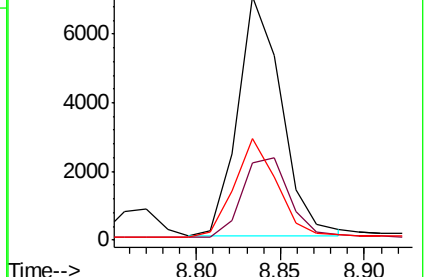
54 41.8 35.2 52.8

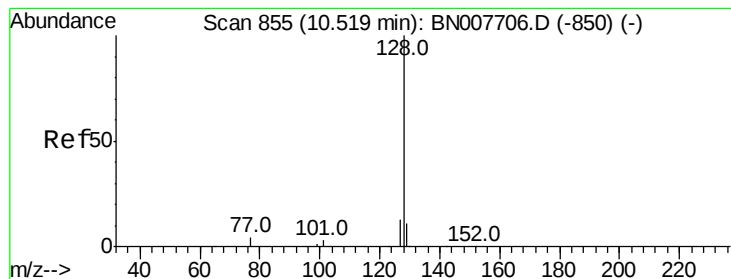


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.358 ng

RT: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

Instrument :

BNA_N

ClientSampleId :

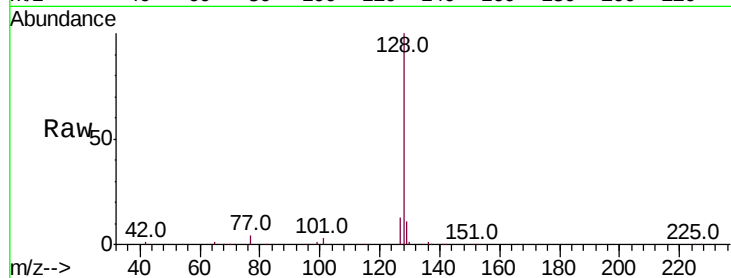
Tot Ion:128 Resp: 45961

Ion Ratio Lower Upper

128 100

129 11.0 9.1 13.7

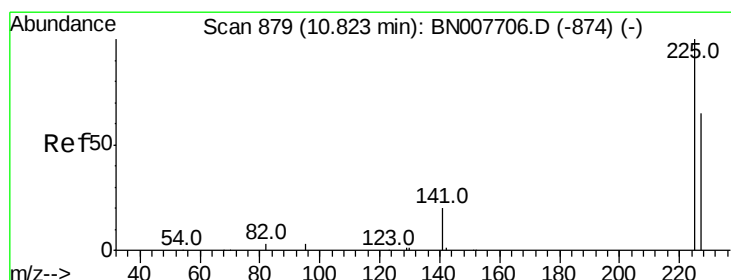
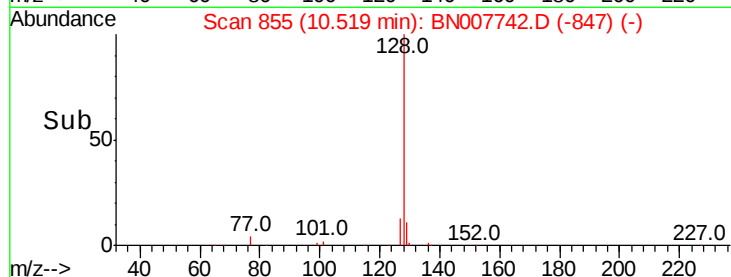
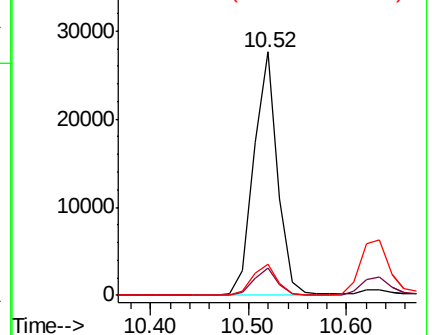
127 13.0 10.6 15.8



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: 0.336 ng

RT: 10.82 min Scan# 879

Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

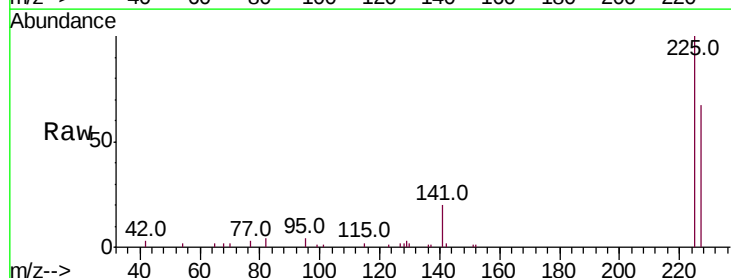
Tgt Ion:225 Resp: 9086

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

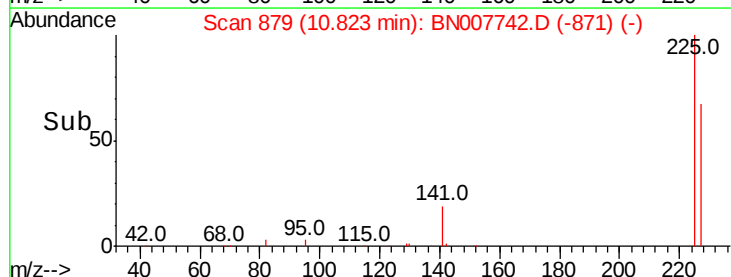
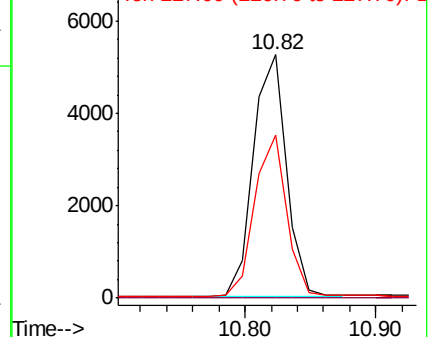
227 64.5 51.2 76.8

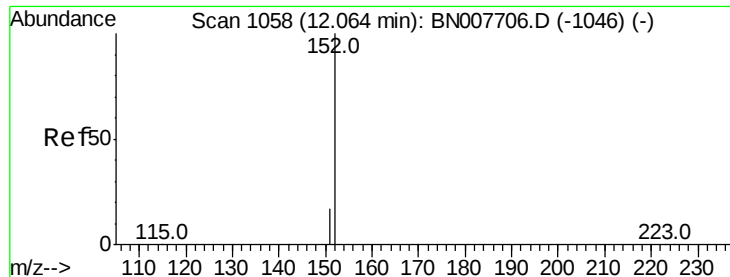


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.350 ng

RT: 12.06 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

Instrument :

BNA_N

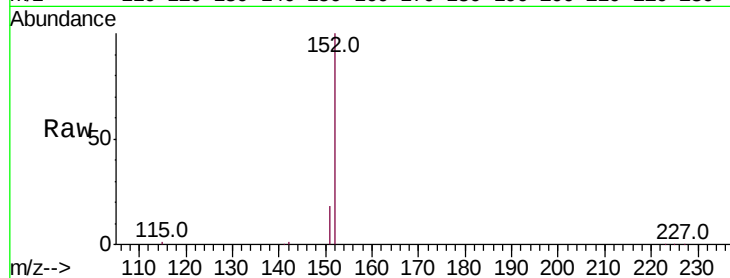
ClientSampleId :

Tot Ion:152 Resp: 26925

Ion Ratio Lower Upper

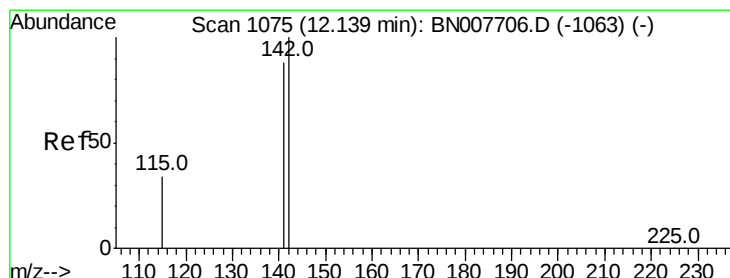
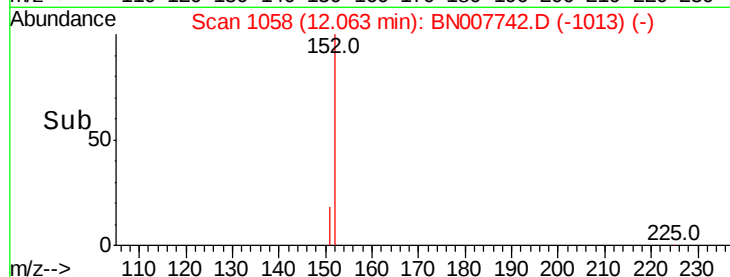
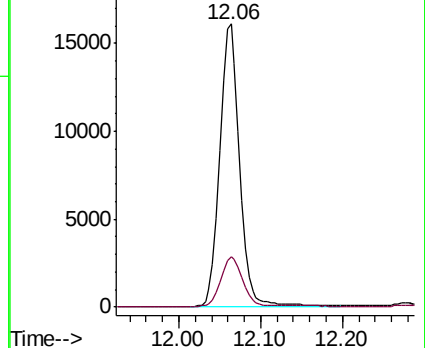
152 100

151 19.1 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.355 ng

RT: 12.13 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

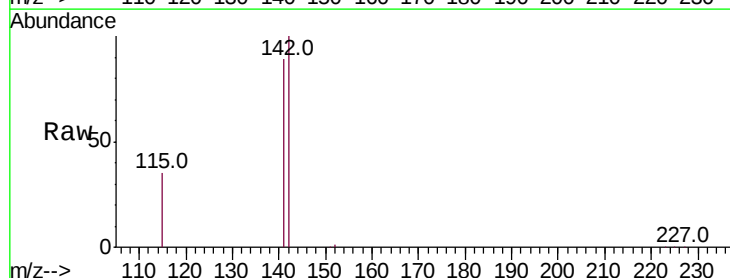
Tgt Ion:142 Resp: 30781

Ion Ratio Lower Upper

142 100

141 88.6 70.6 106.0

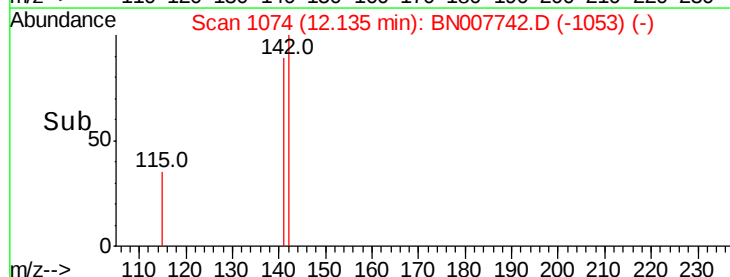
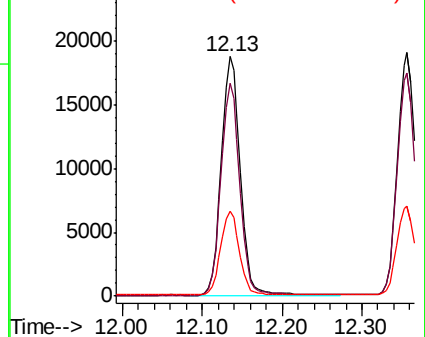
115 35.3 28.3 42.5

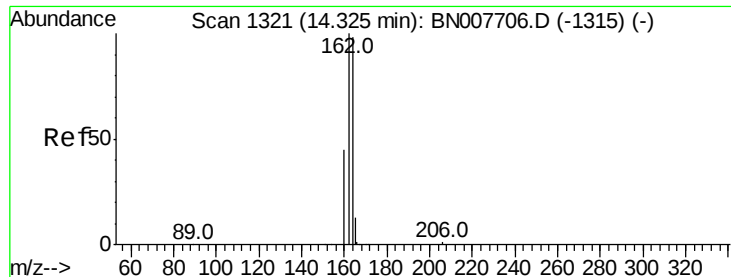


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

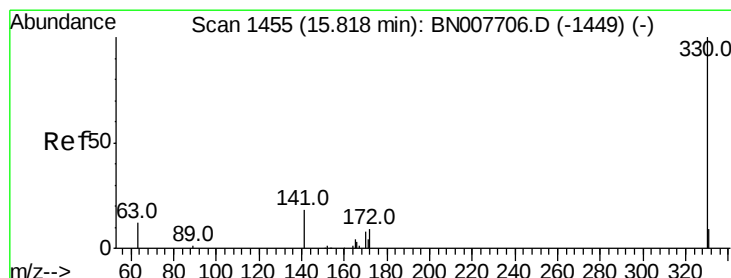
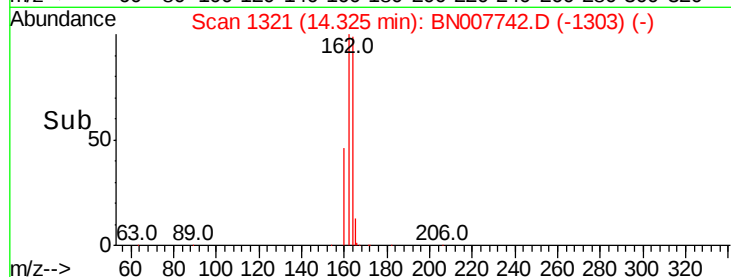
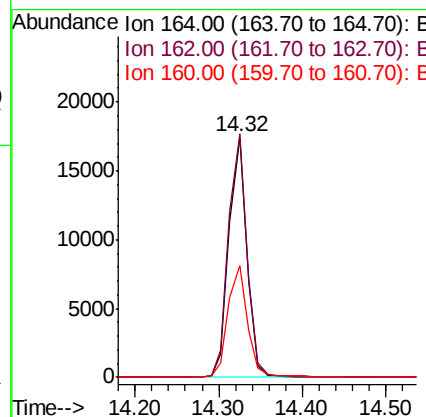
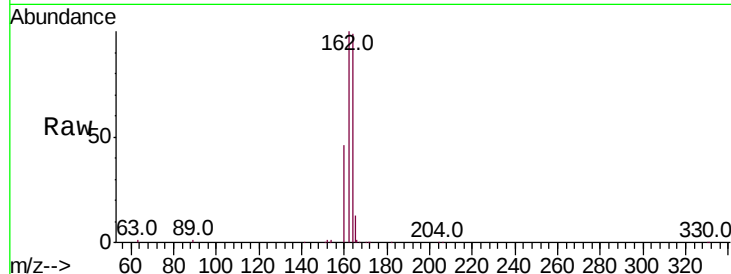




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BN007742.D
Acq: 19 Sep 2019 15:48

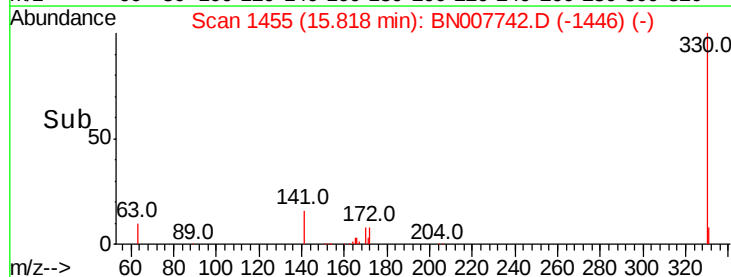
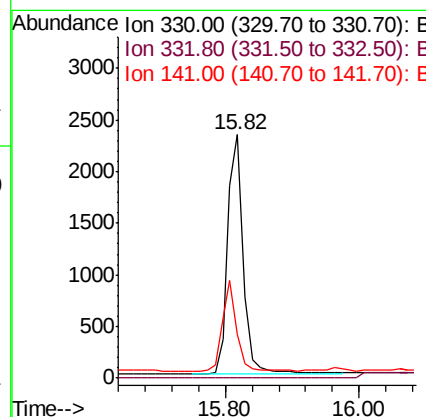
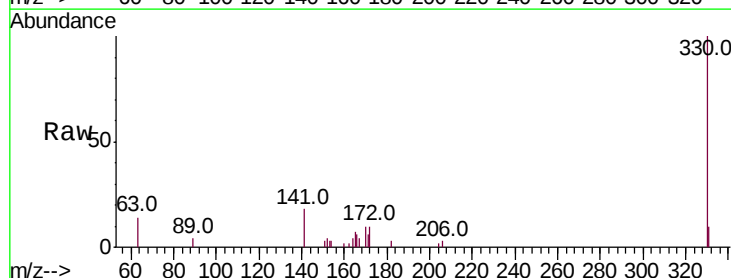
Instrument :
BNA_N
ClientSampleId :

Tot Ion:164 Resp: 25631
Ion Ratio Lower Upper
164 100
162 101.3 81.7 122.5
160 46.7 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.266 ng
RT: 15.82 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BN007742.D
Acq: 19 Sep 2019 15:48

Tgt Ion:330 Resp: 3713
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.2 28.7 43.1

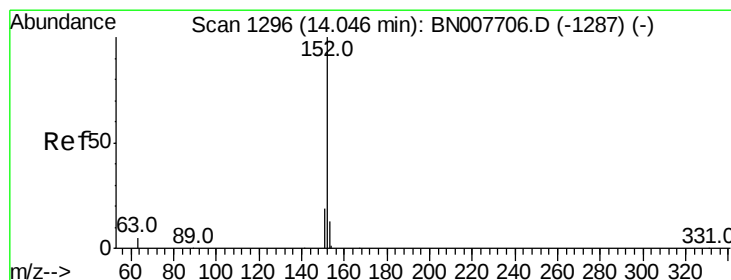
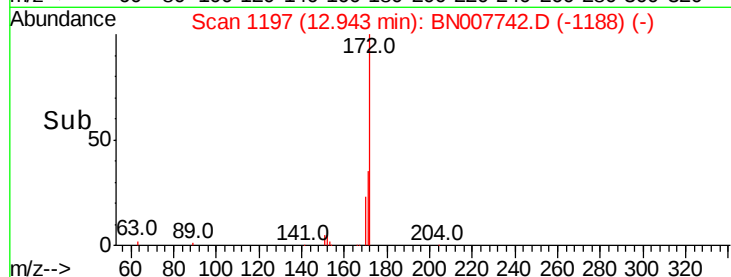
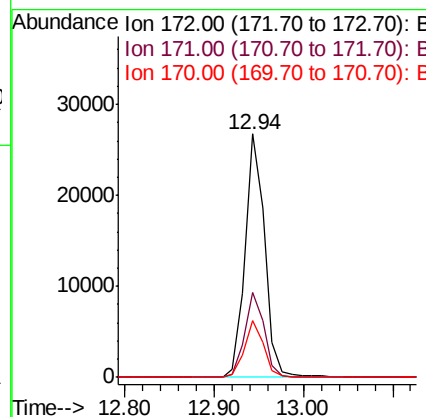
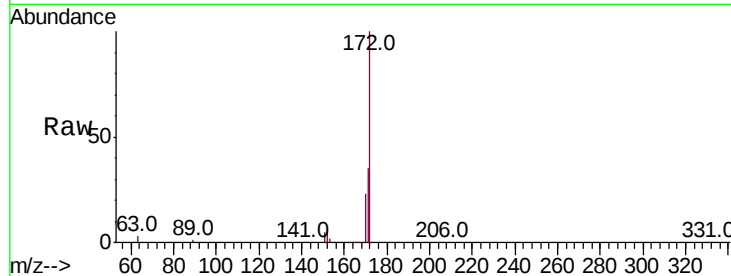




#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007742.D
Acq: 19 Sep 2019 15:48

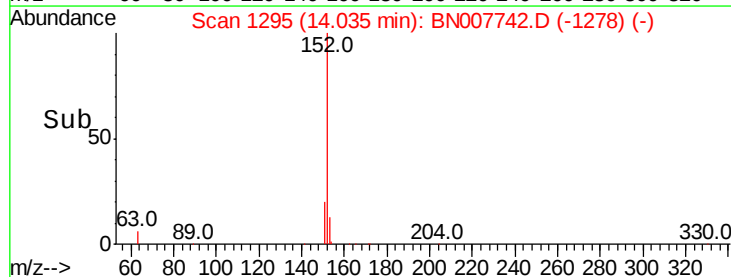
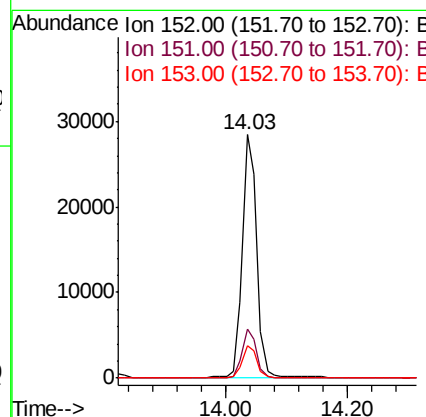
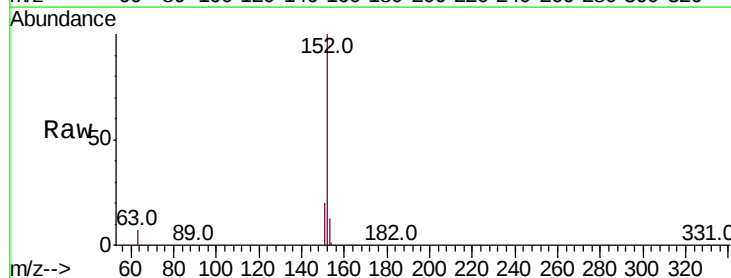
Instrument :
BNA_N
ClientSampleId :

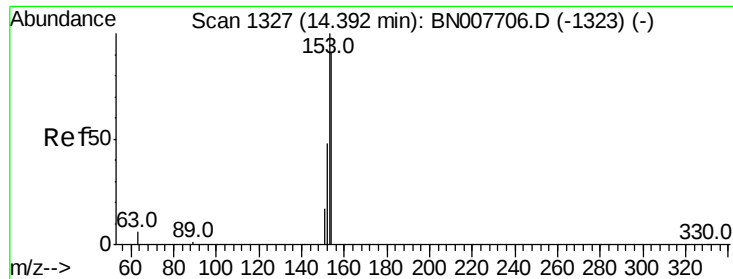
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.8	43.2
170	23.2	19.5	29.3



#16
Acenaphthylene
Concen: 0.341 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007742.D
Acq: 19 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.1	10.4	15.6





#17

Acenaphthene

Concen: 0.346 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

Instrument :

BNA_N

ClientSampleId :

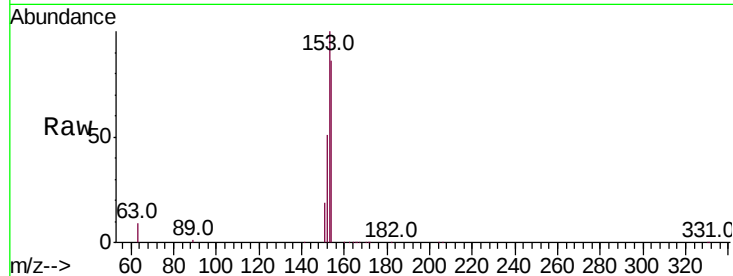
Tot Ion:154 Resp: 30321

Ion Ratio Lower Upper

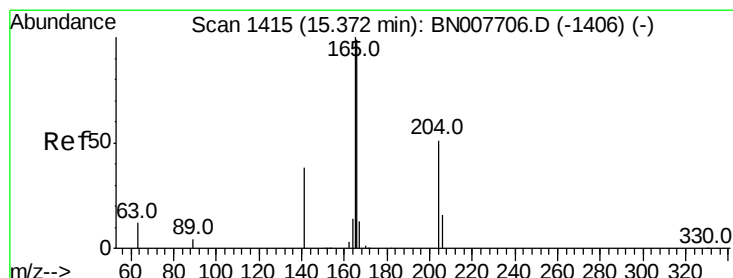
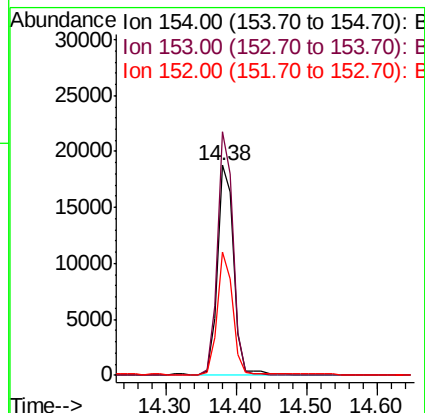
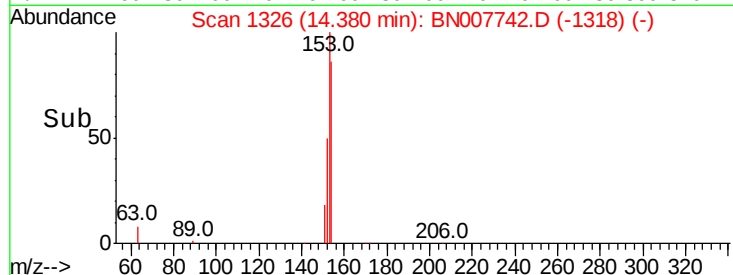
154 100

153 111.4 87.0 130.4

152 56.0 42.7 64.1



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: 0.351 ng

RT: 15.37 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

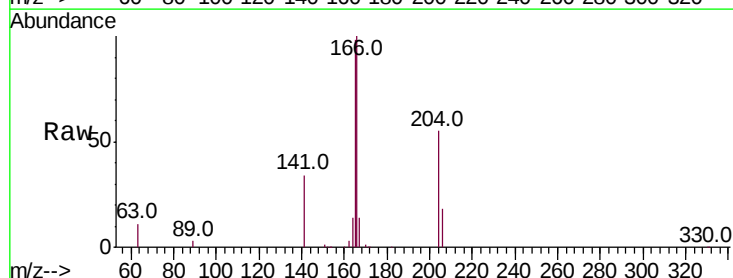
Tgt Ion:166 Resp: 39375

Ion Ratio Lower Upper

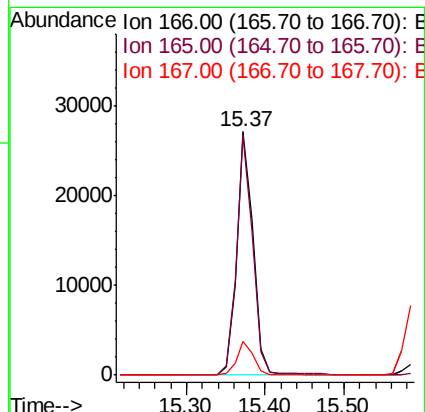
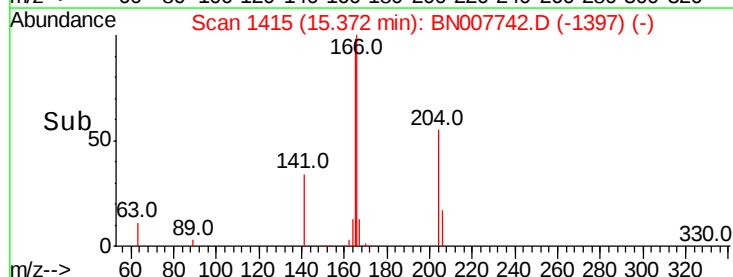
166 100

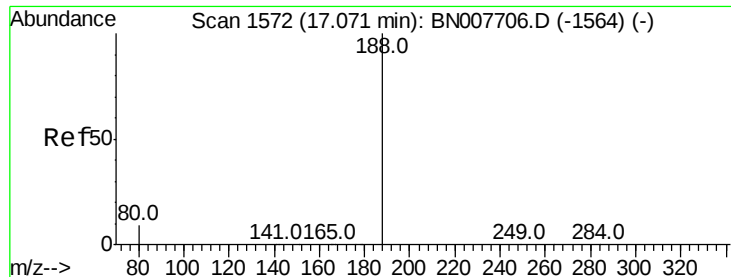
165 97.6 78.0 117.0

167 13.5 10.9 16.3



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: 17.07 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

Instrument :

BNA_N

ClientSampleId :

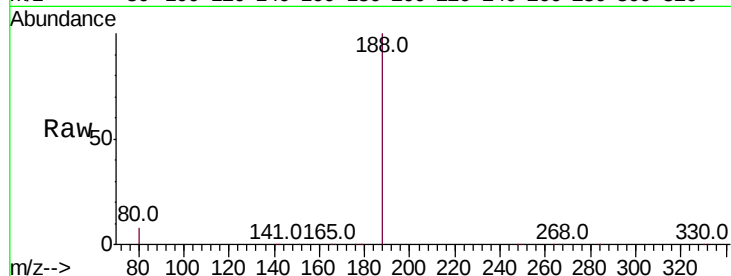
Tot Ion:188 Resp: 63522

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

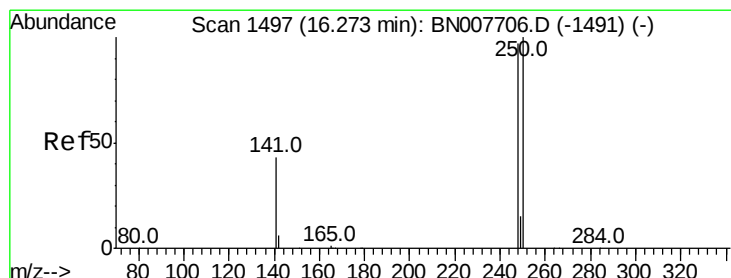
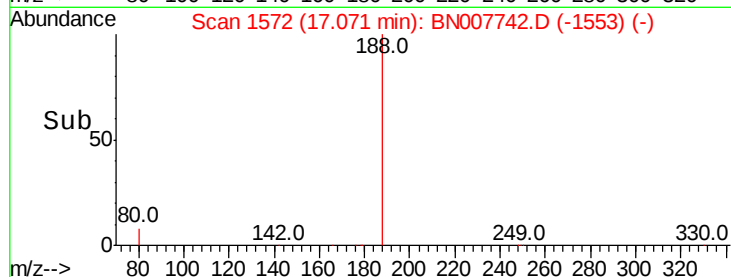
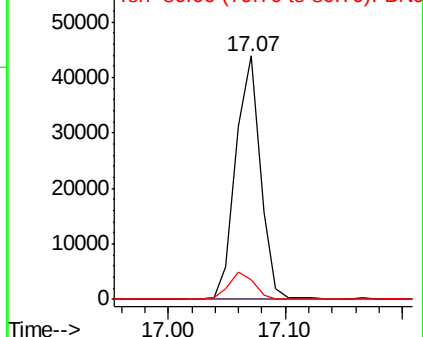
80 8.2 7.4 11.2



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: 0.334 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

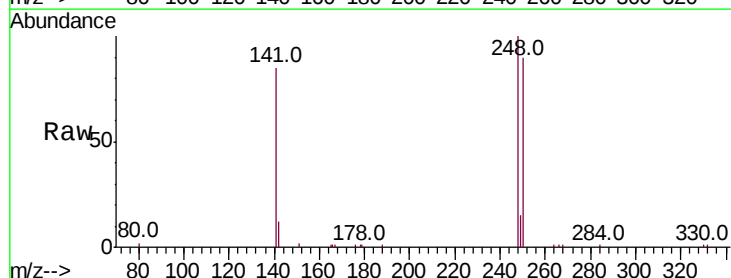
Tgt Ion:248 Resp: 12896

Ion Ratio Lower Upper

248 100

250 89.9 82.2 123.4

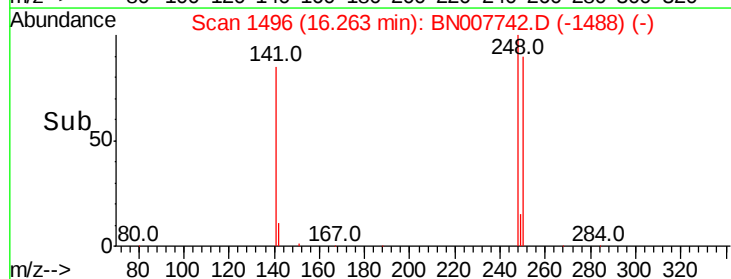
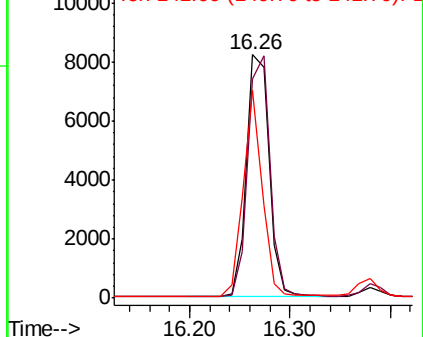
141 85.1 36.3 54.5#

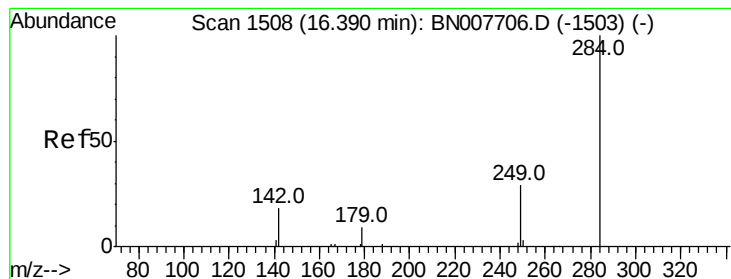


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.341 ng

RT: 16.38 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

Instrument :

BNA_N

ClientSampleId :

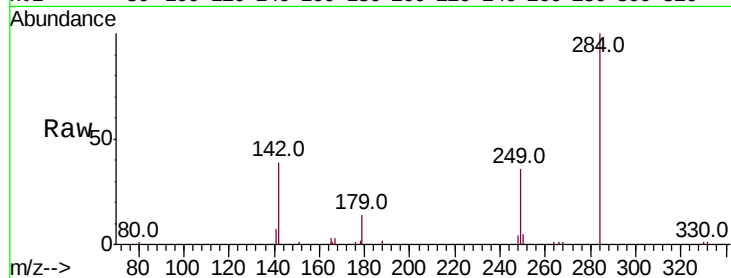
Tot Ion:284 Resp: 14391

Ion Ratio Lower Upper

284 100

142 34.1 25.8 38.6

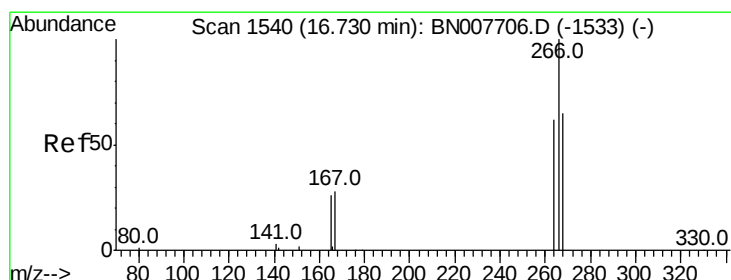
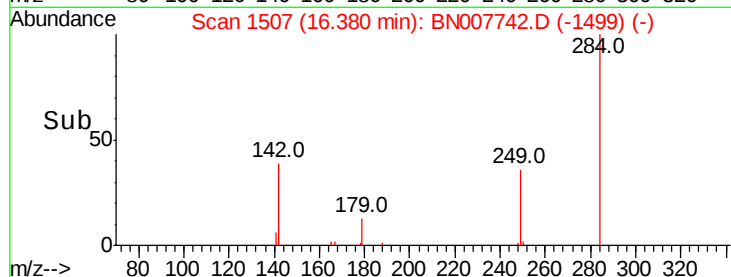
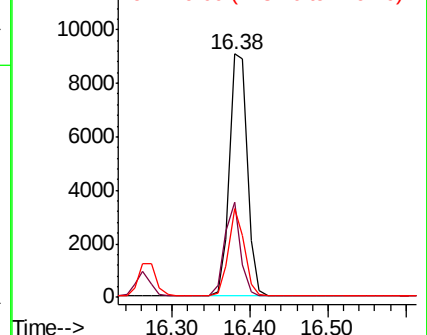
249 31.5 25.9 38.9



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: 0.566 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

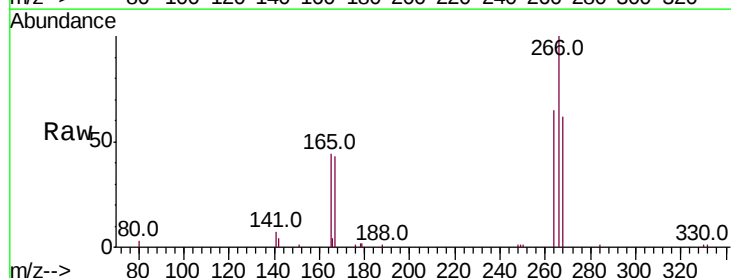
Tgt Ion:266 Resp: 8795

Ion Ratio Lower Upper

266 100

264 65.0 50.0 75.0

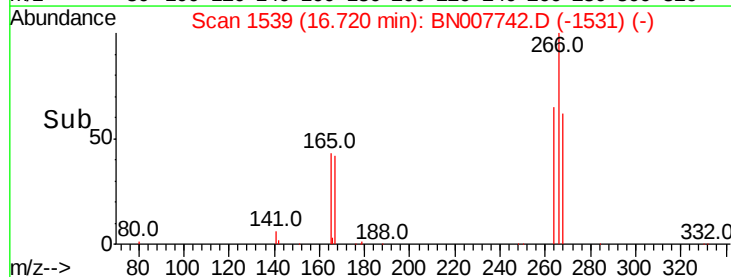
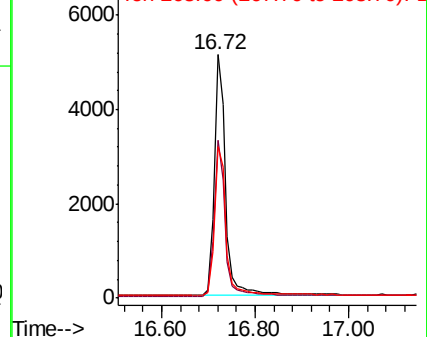
268 62.0 54.2 81.4

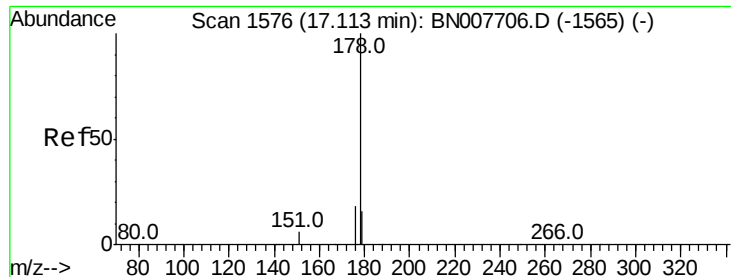


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.349 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

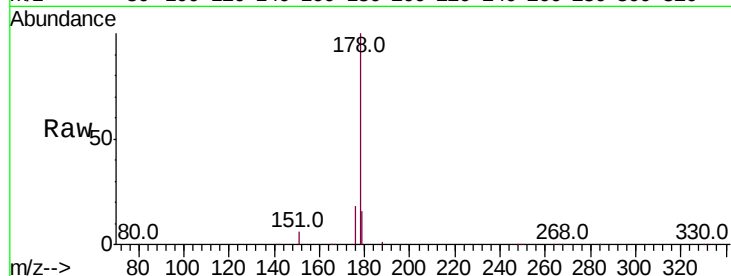
Instrument :

BNA_N

ClientSampled :

Tot Ion:178 Resp: 68992

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.4	12.5	18.7

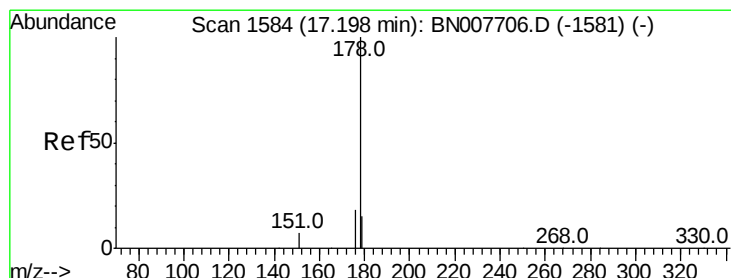
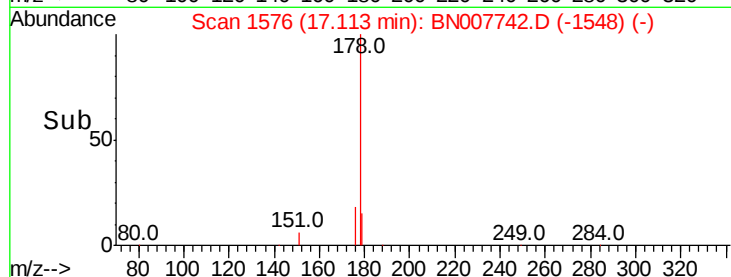
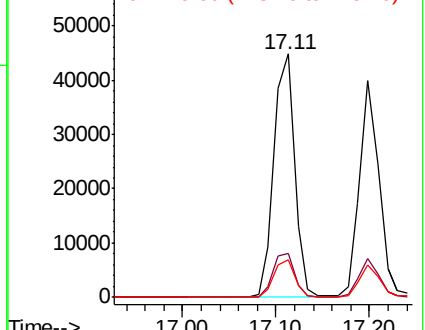


Abundance

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: 0.324 ng

RT: 17.20 min Scan# 1584

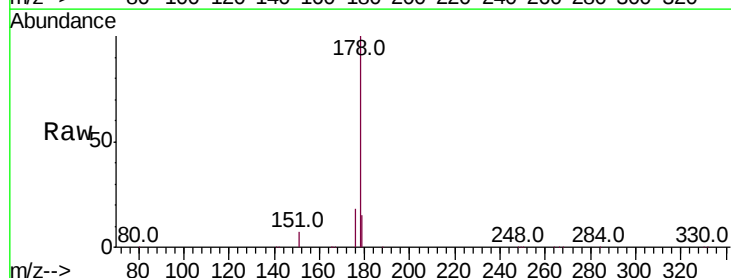
Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

Tgt Ion:178 Resp: 57984

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.2	12.2	18.4

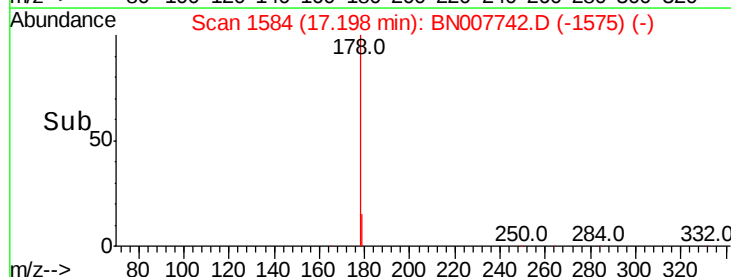
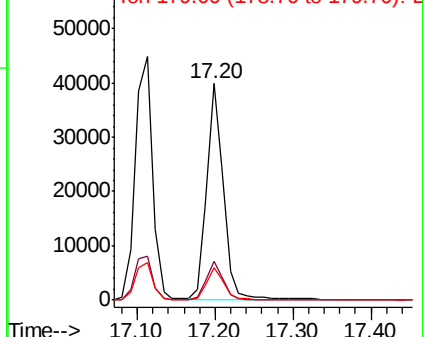


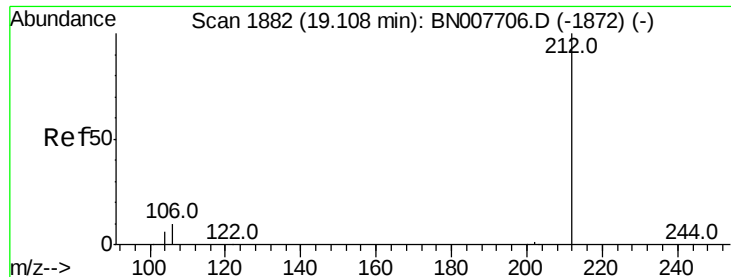
Abundance

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: 0.335 ng

RT: 19.10 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

Instrument :

BNA_N

ClientSampleId :

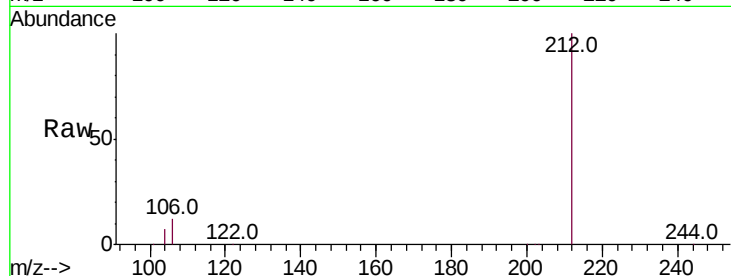
Tot Ion:212 Resp: 71633

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.0

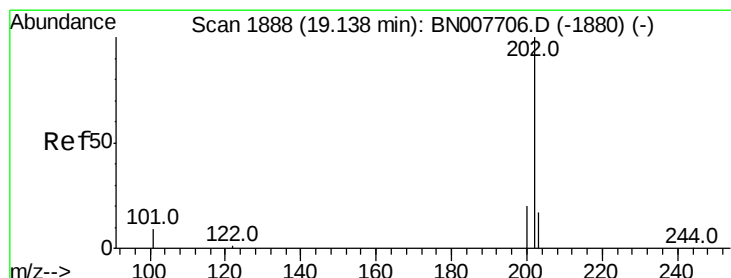
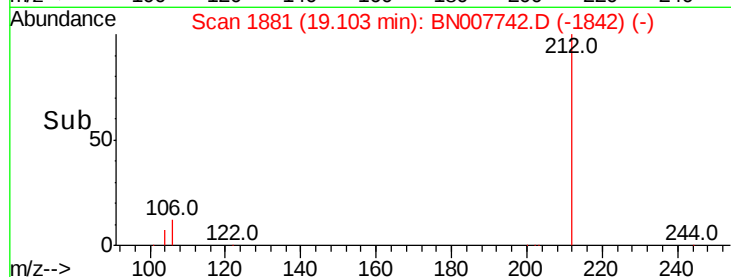
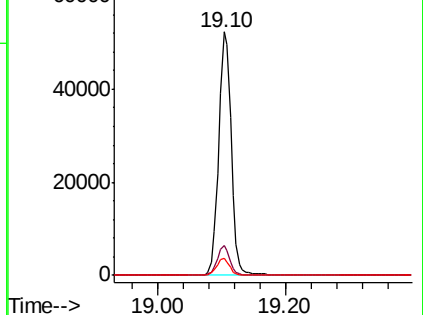
104 6.7 5.3 7.9



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: 0.344 ng

RT: 19.13 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

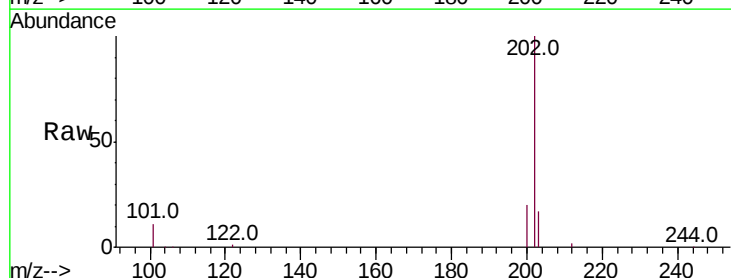
Tgt Ion:202 Resp: 84521

Ion Ratio Lower Upper

202 100

101 10.7 8.4 12.6

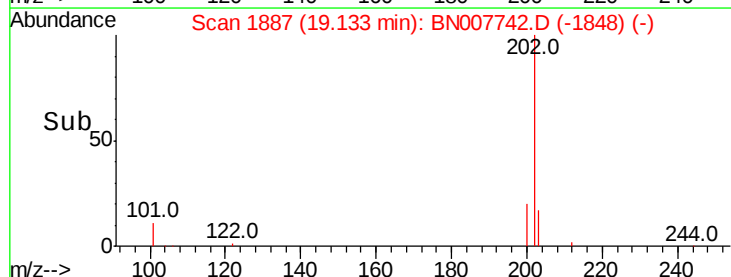
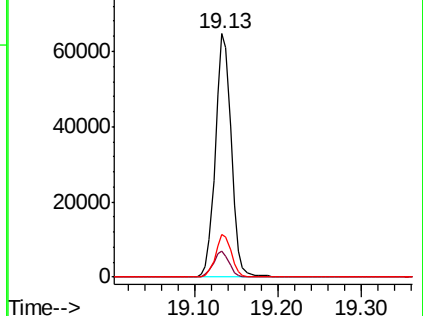
203 17.3 13.8 20.8



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# 2182

Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

Instrument :

BNA_N

ClientSampleId :

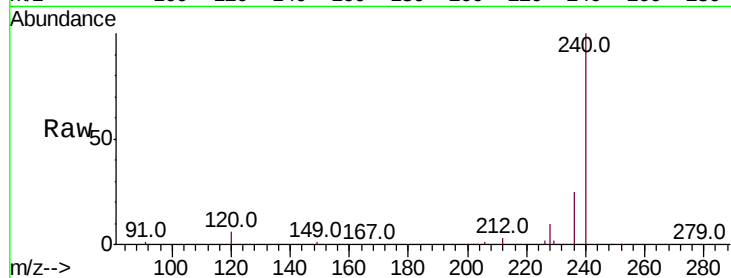
Tot Ion:240 Resp: 81387

Ion Ratio Lower Upper

240 100

120 5.5 5.4 8.2

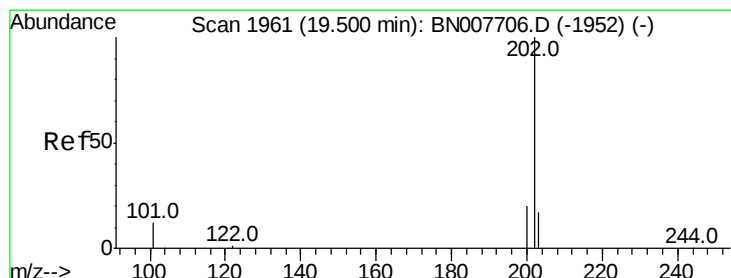
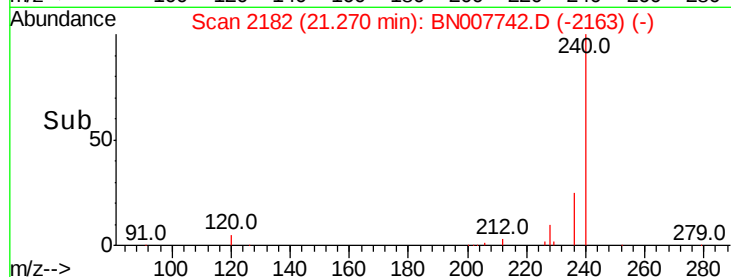
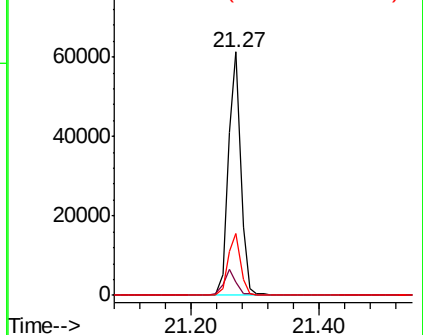
236 25.4 21.0 31.4



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: 0.343 ng

RT: 19.50 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

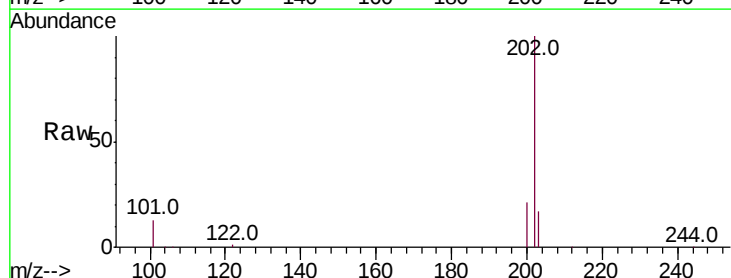
Tgt Ion:202 Resp: 95195

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

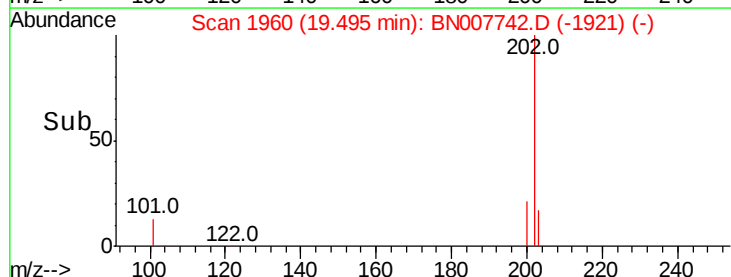
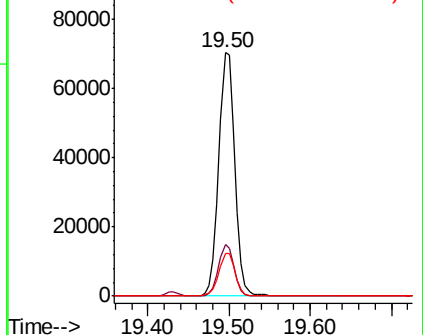
203 17.5 14.1 21.1

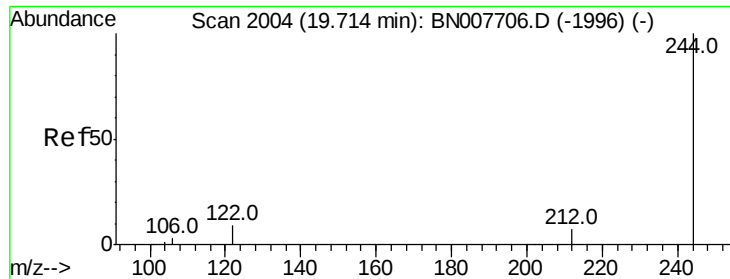


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.300 ng

RT: 19.71 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

Instrument :

BNA_N

ClientSampleId :

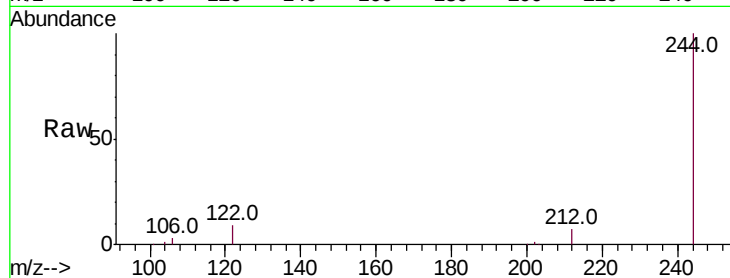
Tot Ion:244 Resp: 59882

Ion Ratio Lower Upper

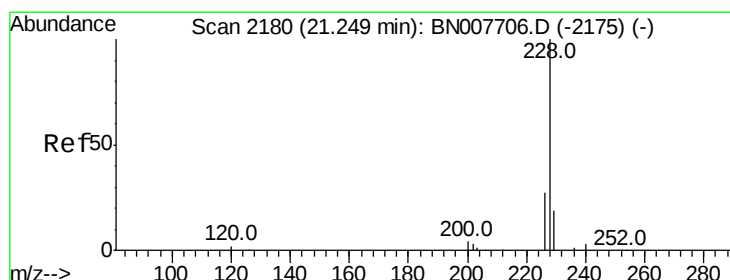
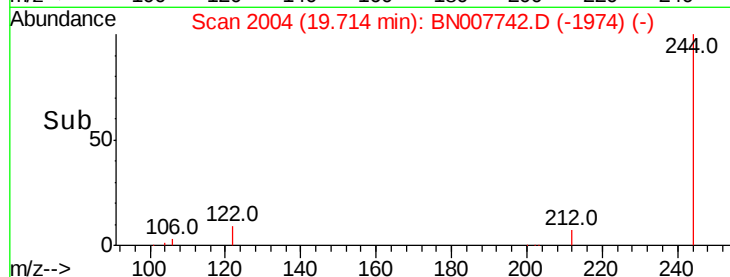
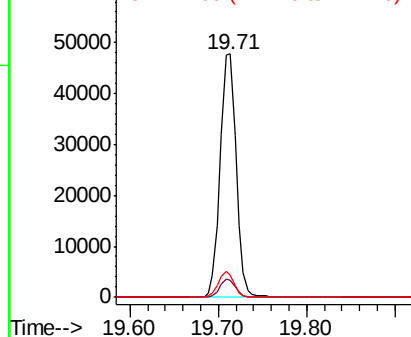
244 100

212 7.1 5.9 8.9

122 8.9 7.4 11.2



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: 0.303 ng

RT: 21.25 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

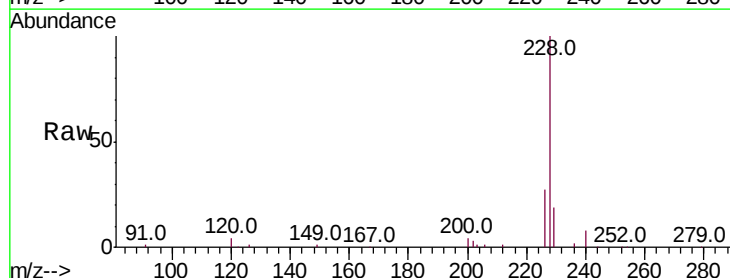
Tgt Ion:228 Resp: 90797

Ion Ratio Lower Upper

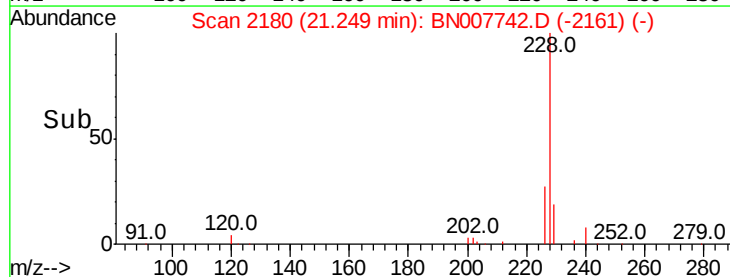
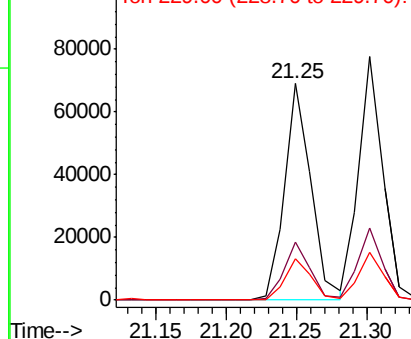
228 100

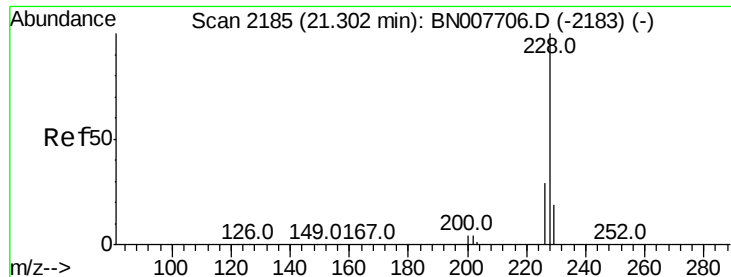
226 26.6 22.1 33.1

229 19.4 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





#31

Chrysene

Concen: 0.319 ng

RT: 21.30 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

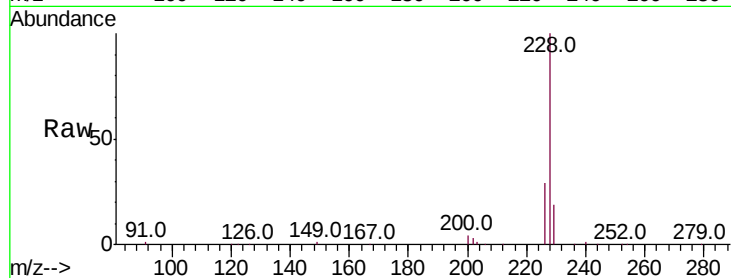
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 93077

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	19.5	15.8	23.6

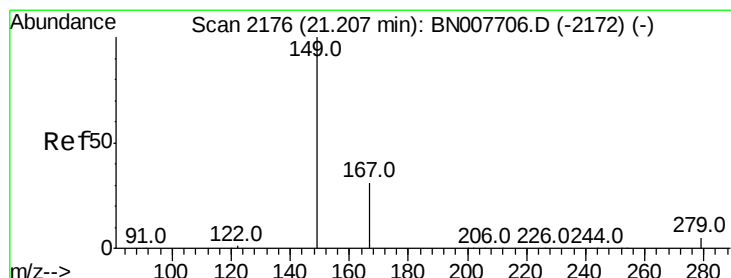
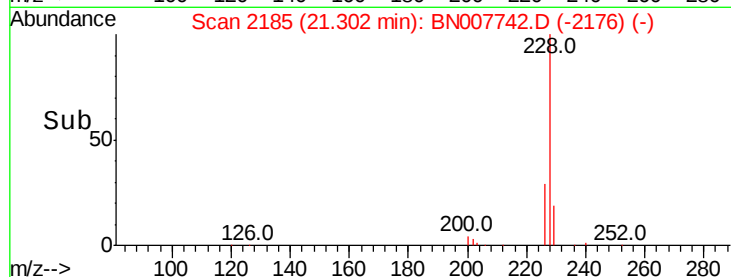
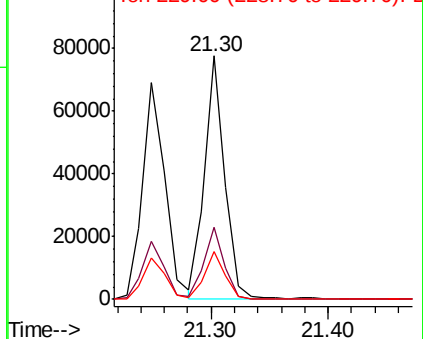


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.195 ng

RT: 21.21 min Scan# 2176

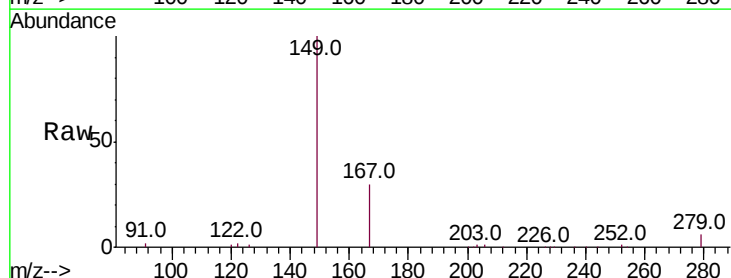
Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

Tgt Ion:149 Resp: 30033

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.7	35.5
279	4.9	4.2	6.2

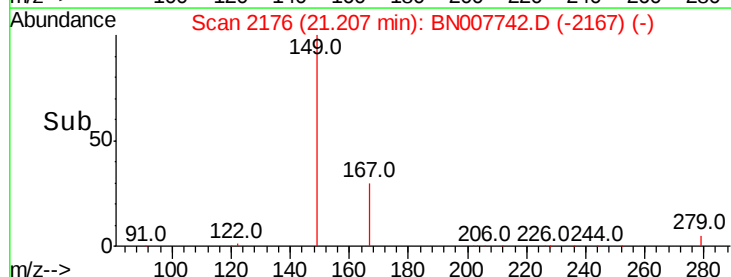
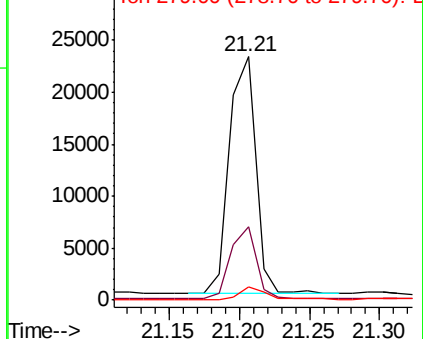


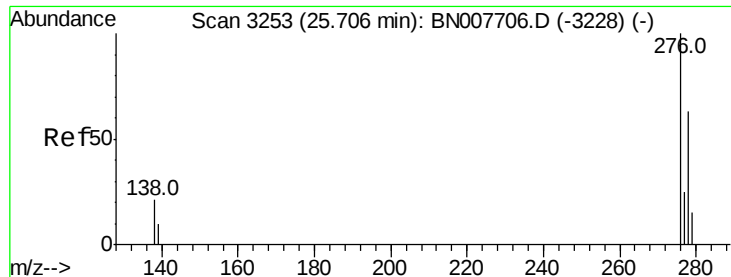
Abundance

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

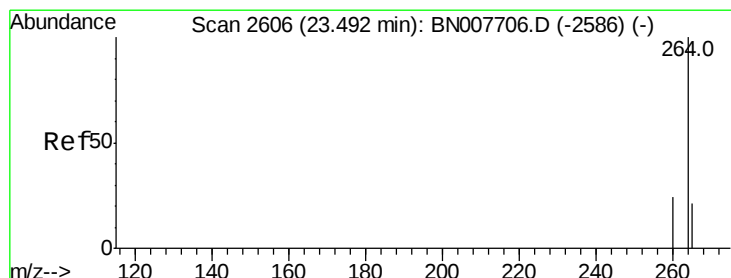
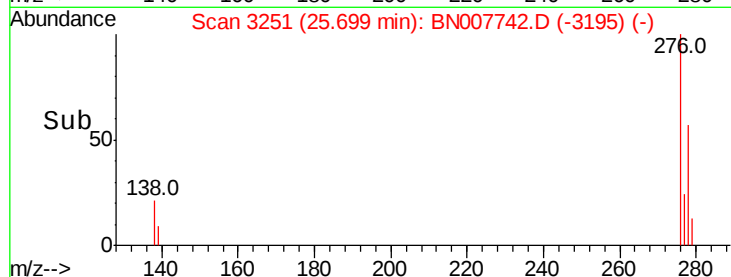
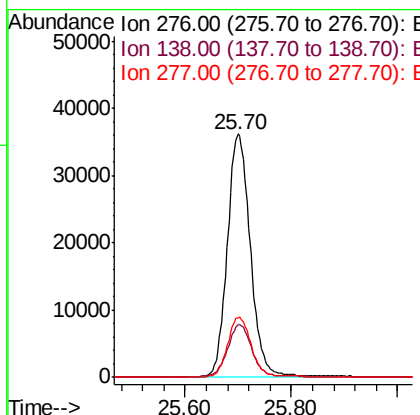
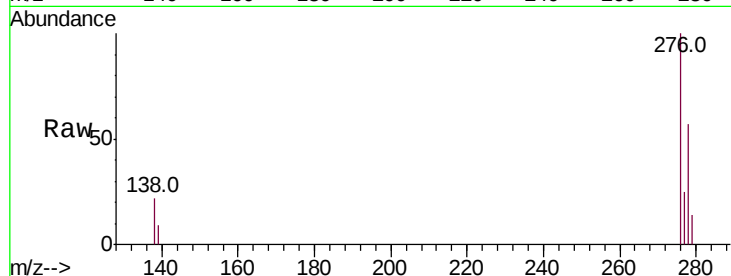




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.297 ng
 RT: 25.70 min Scan# 3251
 Delta R.T. -0.01 min
 Lab File: BN007742.D
 Acq: 19 Sep 2019 15:48

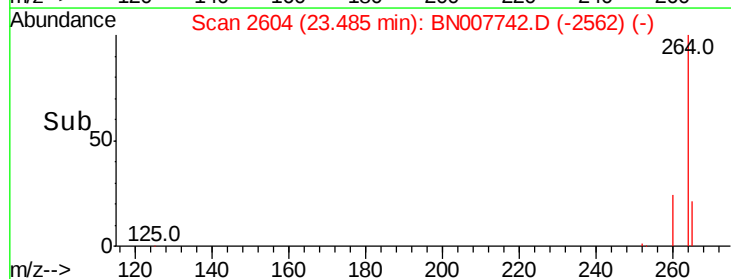
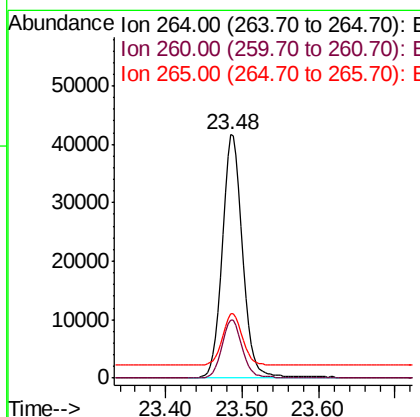
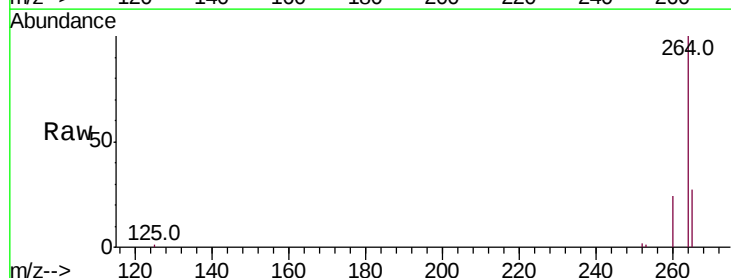
Instrument :
 BNA_N
 ClientSampleId :

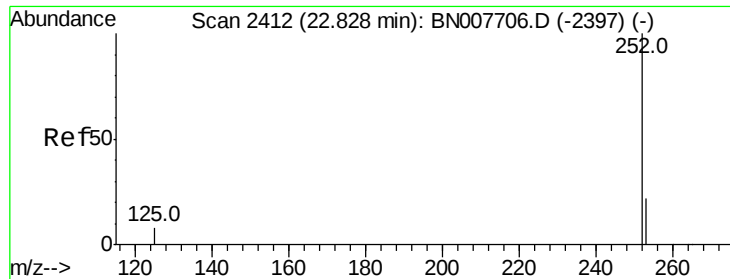
Tot Ion:276 Resp: 108678
 Ion Ratio Lower Upper
 276 100
 138 22.7 17.1 25.7
 277 25.0 20.0 30.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.48 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BN007742.D
 Acq: 19 Sep 2019 15:48

Tgt Ion:264 Resp: 77836
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 26.6 26.9 40.3#





#35

Benzo(b)fluoranthene

Concen: 0.336 ng

RT: 22.82 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

Instrument :

BNA_N

ClientSampleId :

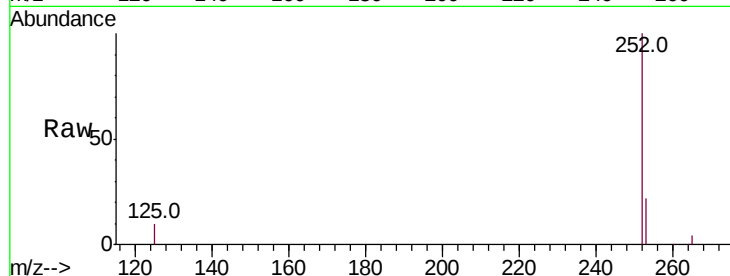
Tot Ion:252 Resp: 90660

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

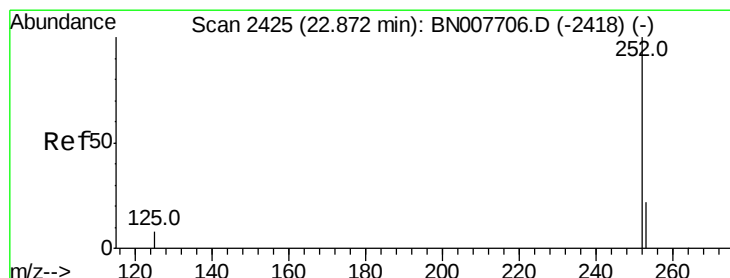
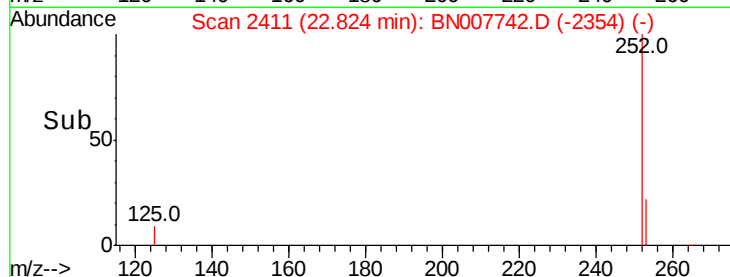
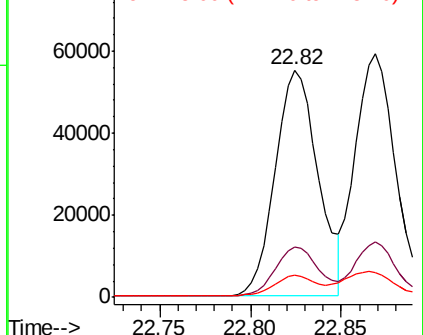
125 9.5 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.346 ng

RT: 22.87 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

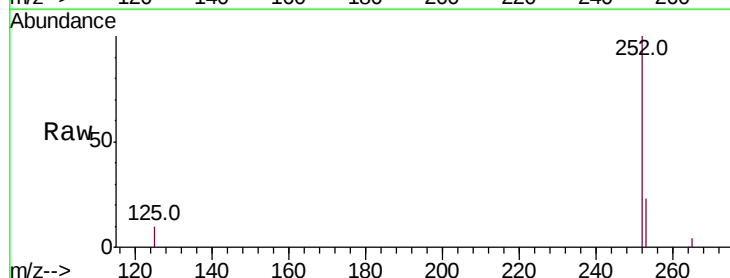
Tgt Ion:252 Resp: 92473

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

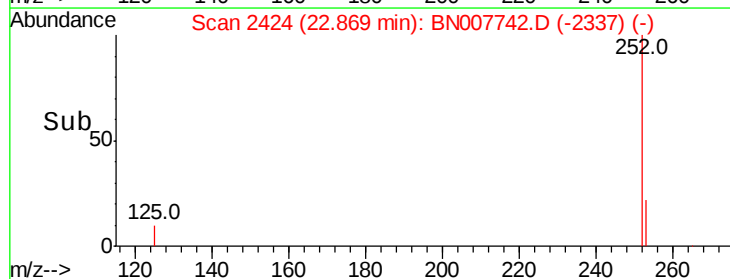
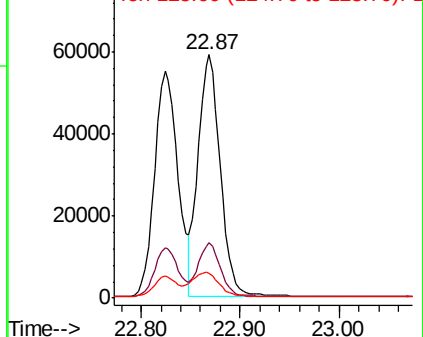
125 10.3 8.4 12.6

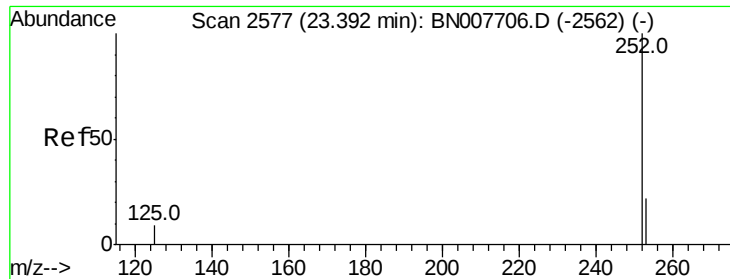


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.317 ng

RT: 23.39 min Scan# 2576

Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

Instrument :

BNA_N

ClientSampled :

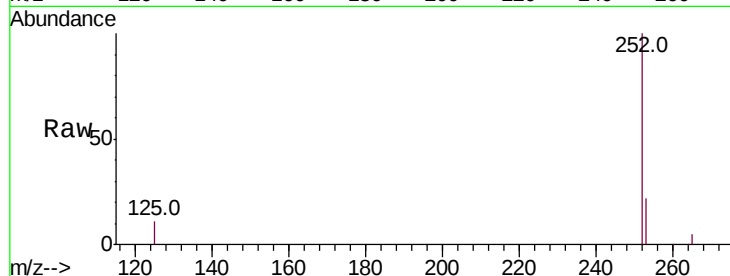
Tot Ion:252 Resp: 80593

Ion Ratio Lower Upper

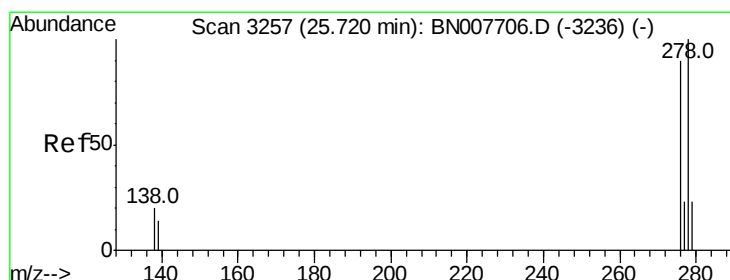
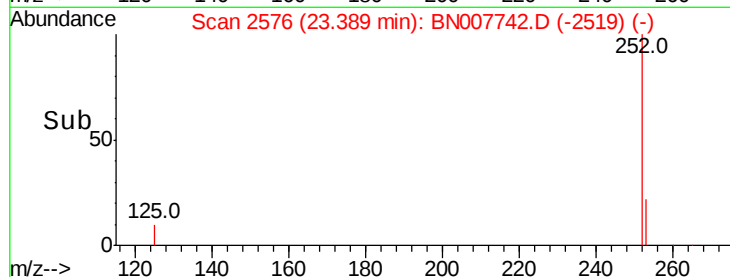
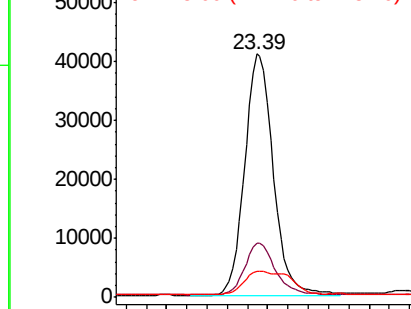
252 100

253 22.4 18.6 27.8

125 10.9 9.4 14.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.337 ng

RT: 25.72 min Scan# 3256

Delta R.T. -0.00 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

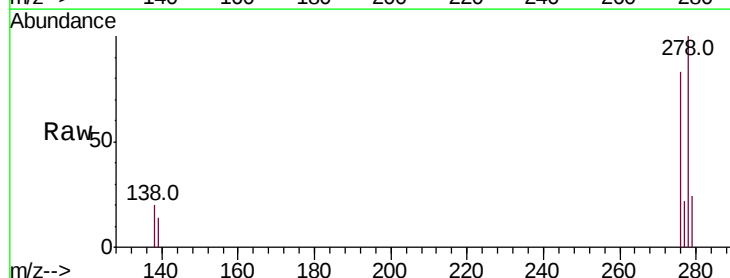
Tgt Ion:278 Resp: 87662

Ion Ratio Lower Upper

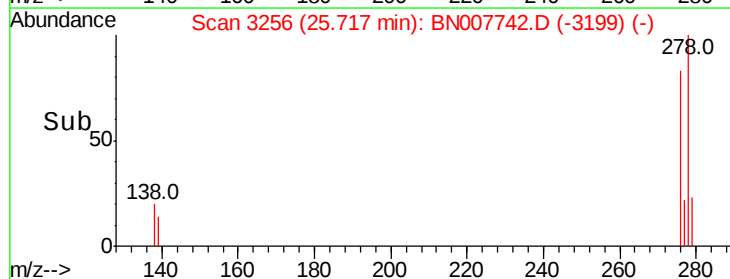
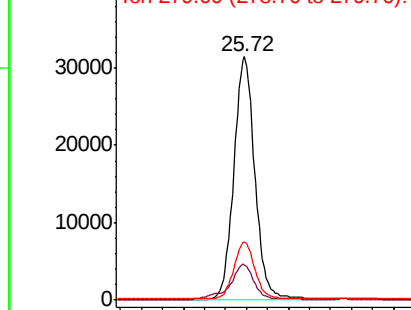
278 100

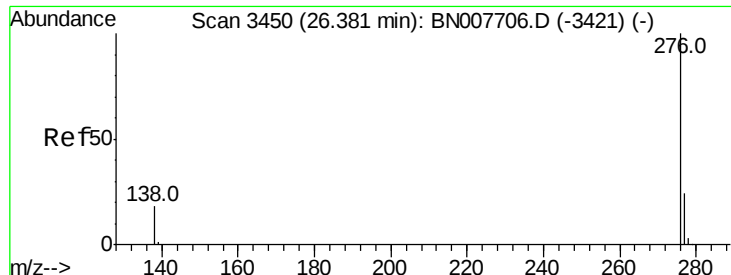
139 14.5 11.8 17.6

279 23.9 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: 0.325 ng

RT: 26.37 min Scan# 3447

Delta R.T. -0.01 min

Lab File: BN007742.D

Acq: 19 Sep 2019 15:48

Instrument :

BNA_N

ClientSampleId :

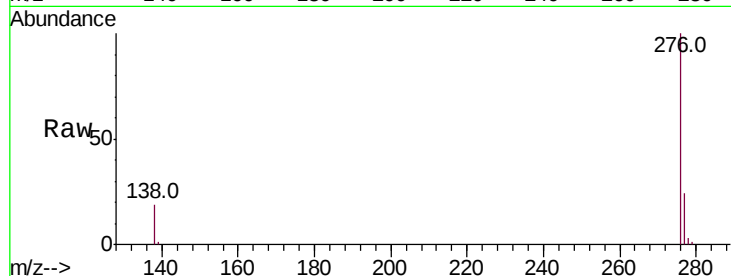
Tot Ion:276 Resp: 83553

Ion Ratio Lower Upper

276 100

277 23.9 19.8 29.8

138 19.4 15.1 22.7



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

