

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
 Data File : BN007743.D
 Acq On : 19 Sep 2019 16:24
 Operator : HP/JU
 Sample : PB123061BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 20 01:48:48 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	10912	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	44282	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	24535	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	59317	0.40	ng	0.00
27) Chrysene-d12	21.26	240	76150	0.40	ng	0.00
34) Perylene-d12	23.49	264	74131	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.32	112	10188	0.27	ng	0.00
5) Phenol-d6	6.87	99	13849	0.29	ng	0.00
8) Nitrobenzene-d5	8.83	82	12398	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	25915	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	3416	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	38329	0.38	ng	0.00
25) Fluoranthene-d10	19.10	212	66704	0.33	ng	0.00
29) Terphenyl-d14	19.71	244	55807	0.30	ng	0.00

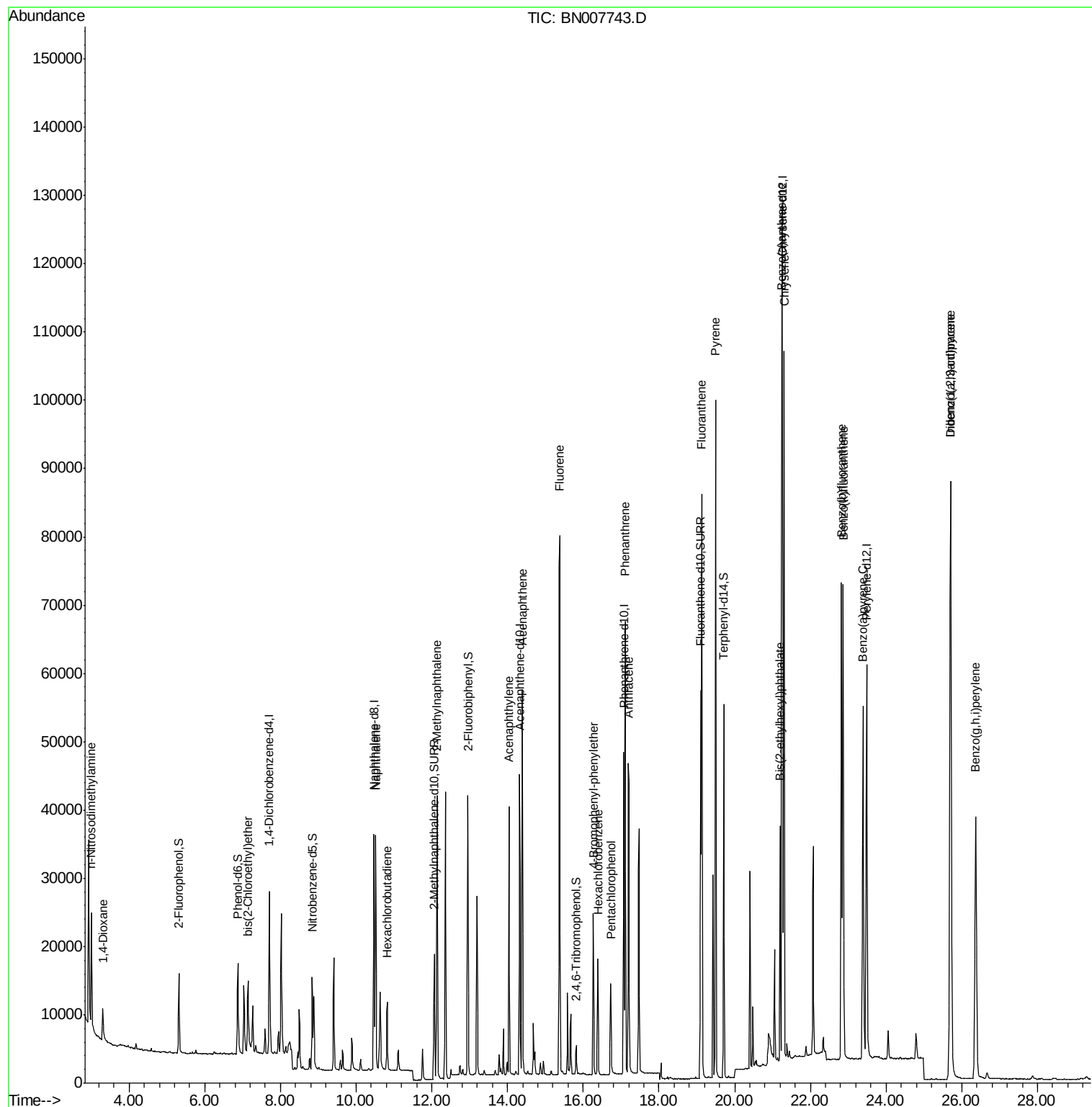
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	4107	0.338	ng	# 83
3) n-Nitrosodimethylamine	3.01	42	1913	0.343	ng	# 88
6) bis(2-Chloroethyl)ether	7.14	93	10899	0.353	ng	98
9) Naphthalene	10.52	128	44646	0.359	ng	99
10) Hexachlorobutadiene	10.82	225	8796	0.336	ng	# 99
12) 2-Methylnaphthalene	12.13	142	29756	0.354	ng	100
16) Acenaphthylene	14.04	152	44291	0.340	ng	100
17) Acenaphthene	14.39	154	28904	0.345	ng	98
18) Fluorene	15.38	166	37258	0.347	ng	100
20) 4-Bromophenyl-phenylether	16.27	248	11997	0.333	ng	95
21) Hexachlorobenzene	16.39	284	13410	0.341	ng	98
22) Pentachlorophenol	16.73	266	8102	0.558	ng	97
23) Phenanthrene	17.11	178	63967	0.346	ng	100
24) Anthracene	17.19	178	54045	0.324	ng	100
26) Fluoranthene	19.13	202	78230	0.340	ng	100
28) Pyrene	19.50	202	88258	0.340	ng	100
30) Benzo(a)anthracene	21.25	228	83947	0.299	ng	98
31) Chrysene	21.30	228	87958	0.322	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	28692	0.199	ng	99
33) Indeno(1,2,3-cd)pyrene	25.70	276	104138	0.304	ng	99
35) Benzo(b)fluoranthene	22.82	252	84865	0.330	ng	98
36) Benzo(k)fluoranthene	22.87	252	89638	0.352	ng	99
37) Benzo(a)pyrene	23.39	252	76959	0.318	ng	98
38) Dibenzo(a,h)anthracene	25.71	278	83861	0.339	ng	99
39) Benzo(g,h,i)perylene	26.37	276	80511	0.329	ng	98

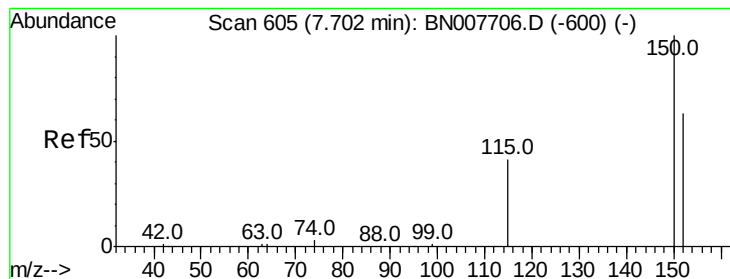
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 605

Delta R.T. 0.00 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

Instrument :

BNA_N

ClientSampleId :

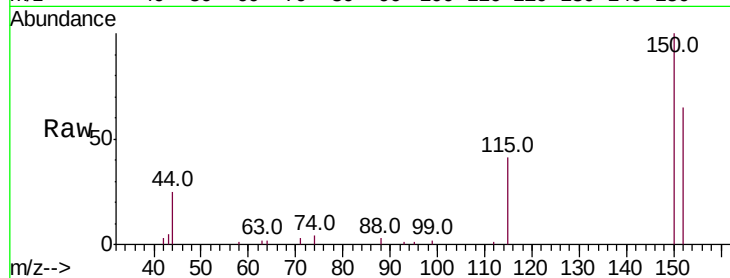
Tot Ion:152 Resp: 10912

Ion Ratio Lower Upper

152 100

150 153.8 125.6 188.4

115 62.6 53.3 79.9

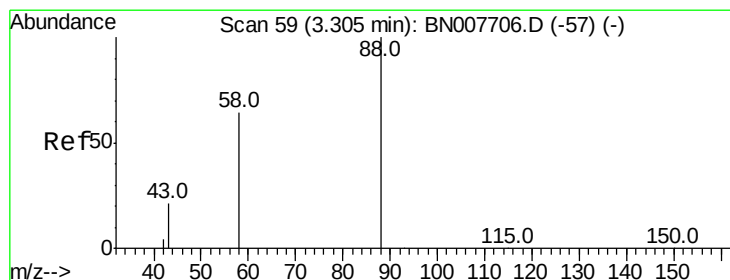
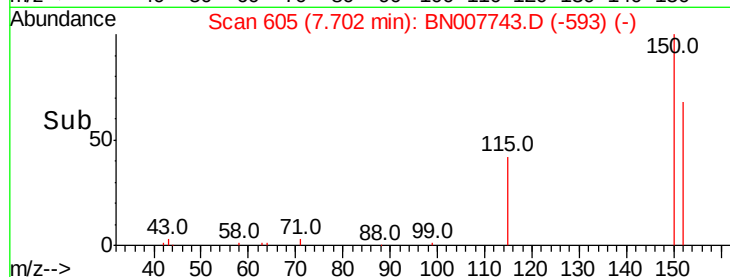
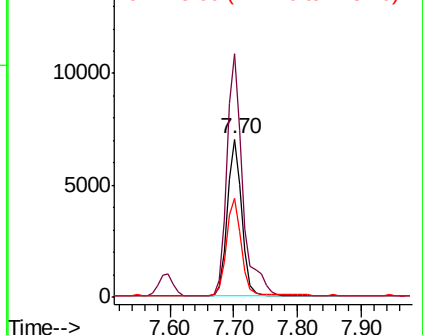


Abundance

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: 0.338 ng

RT: 3.30 min Scan# 59

Delta R.T. 0.00 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

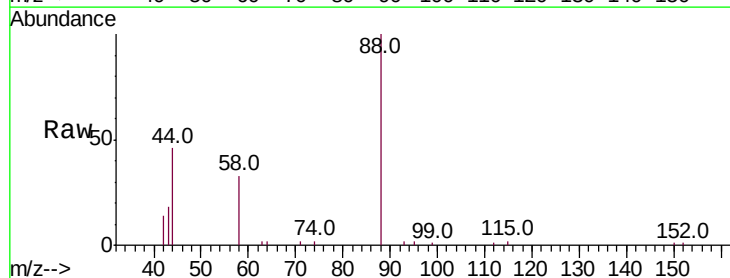
Tgt Ion: 88 Resp: 4107

Ion Ratio Lower Upper

88 100

58 68.8 44.6 66.8#

43 25.0 14.4 21.6#

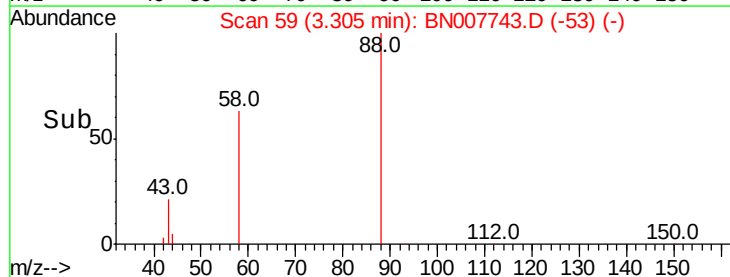
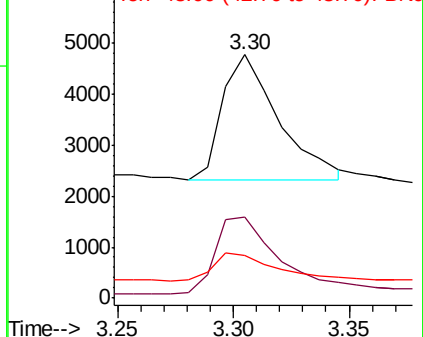


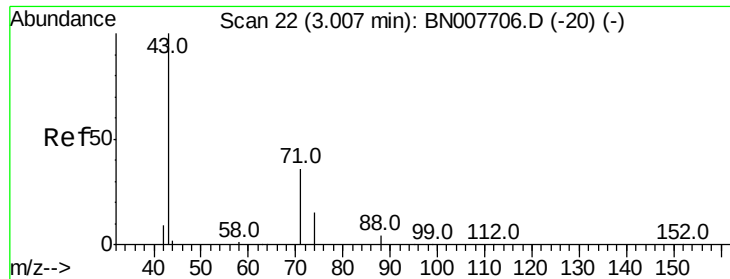
Abundance

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: 0.343 ng

RT: 3.01 min Scan# 22

Delta R.T. 0.00 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

Instrument :

BNA_N

ClientSampleId :

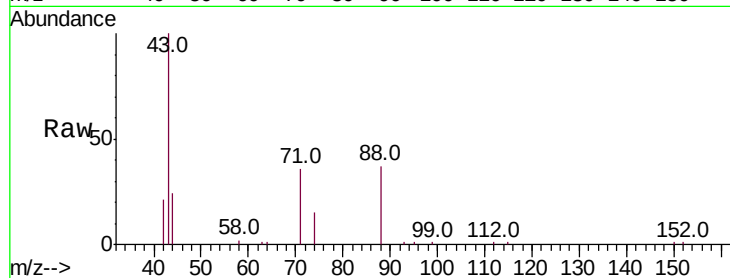
Tot Ion: 42 Resp: 1913

Ion Ratio Lower Upper

42 100

74 102.1 87.9 131.9

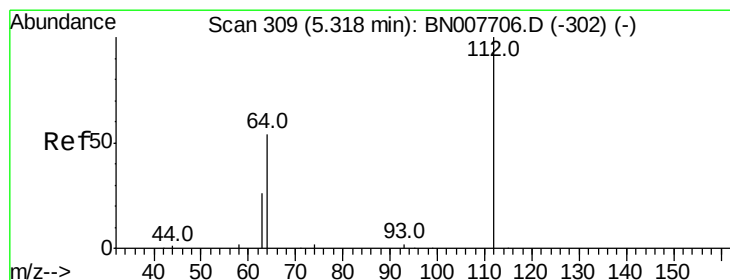
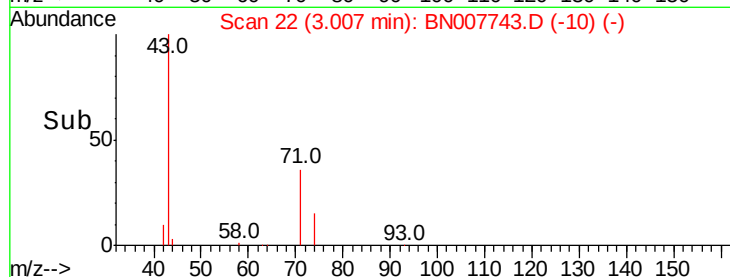
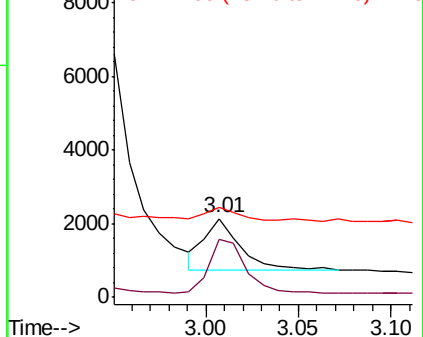
44 20.5 29.4 44.0#



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: 0.271 ng

RT: 5.32 min Scan# 309

Delta R.T. 0.00 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

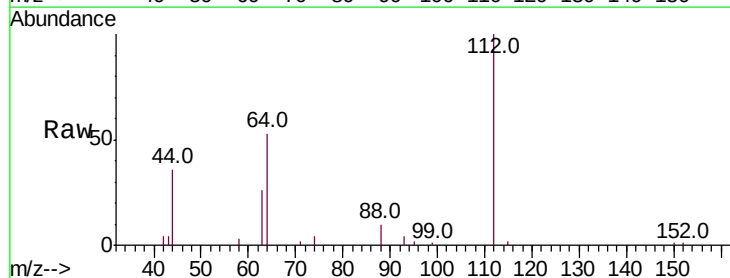
Tgt Ion: 112 Resp: 10188

Ion Ratio Lower Upper

112 100

64 59.8 46.6 70.0

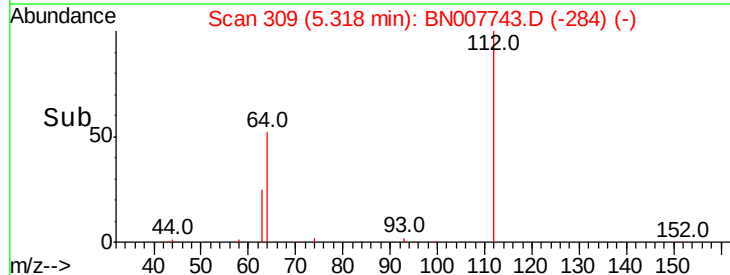
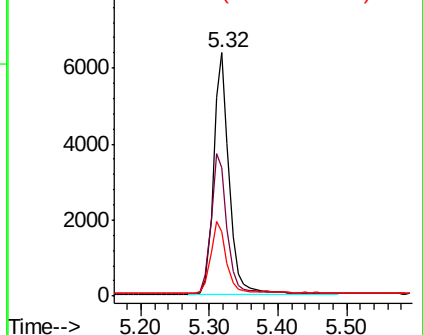
63 29.3 23.1 34.7

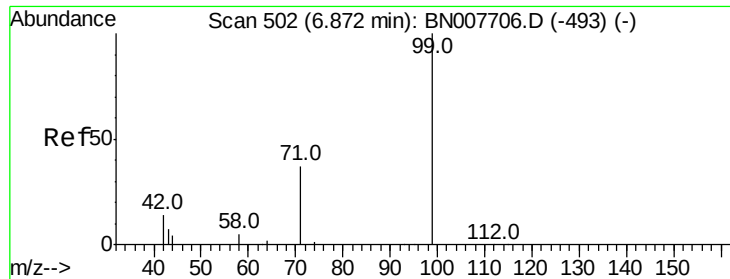


Abundance Ion 112.00 (111.70 to 112.70): BN007706.D (-302) (-)

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: 0.294 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

Instrument :

BNA_N

ClientSampled :

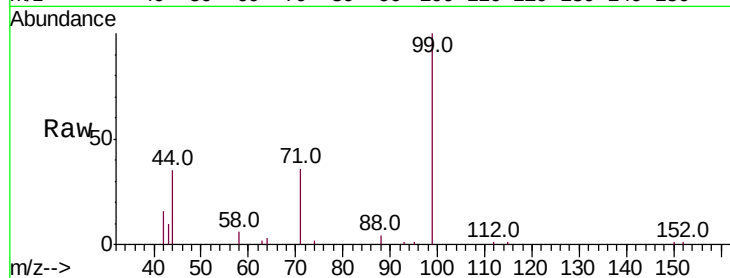
Tot Ion: 99 Resp: 13849

Ion Ratio Lower Upper

99 100

42 14.6 12.8 19.2

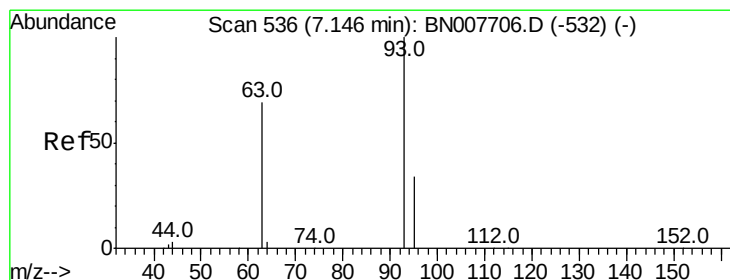
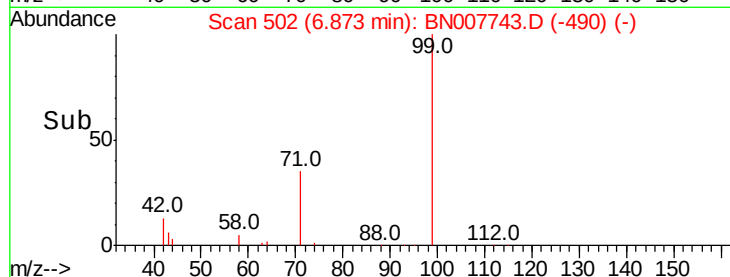
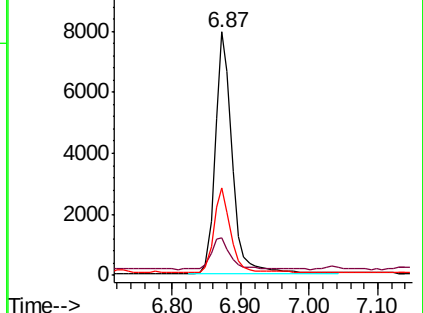
71 35.2 27.6 41.4



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: 0.353 ng

RT: 7.14 min Scan# 535

Delta R.T. -0.01 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

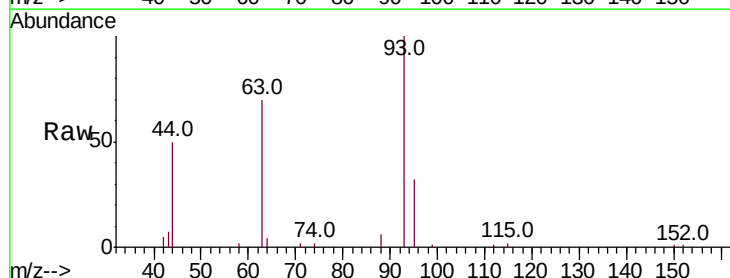
Tgt Ion: 93 Resp: 10899

Ion Ratio Lower Upper

93 100

63 75.2 59.3 88.9

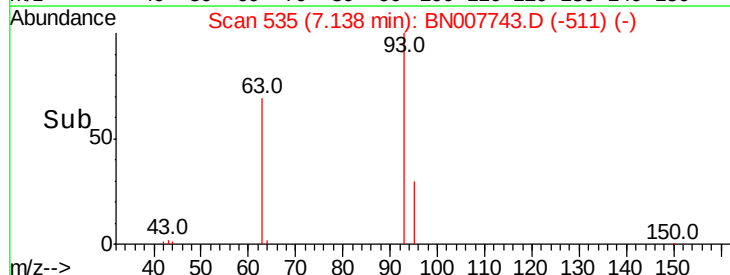
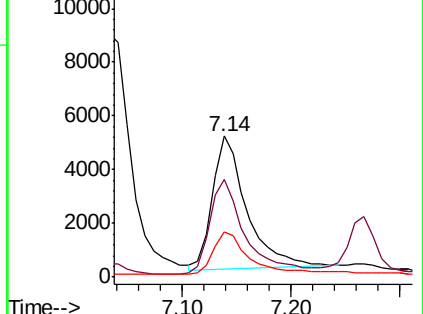
95 36.7 31.4 47.0

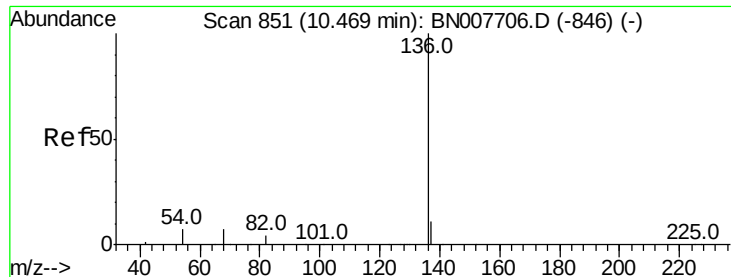


Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

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: BN007743.D

Acq: 19 Sep 2019 16:24

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 44282

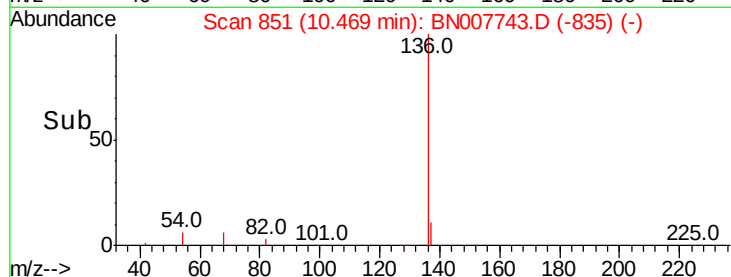
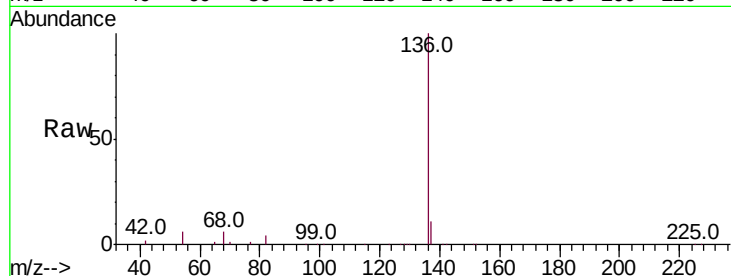
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 5.8 5.8 8.8#

68 6.4 6.5 9.7#

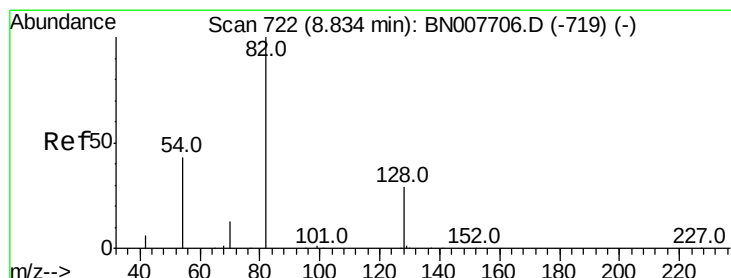
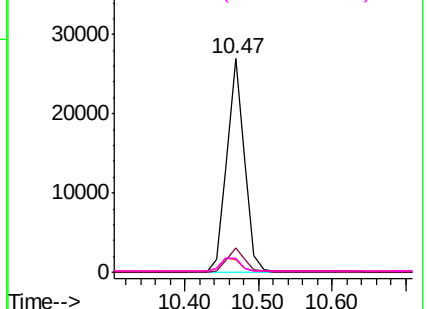


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.320 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

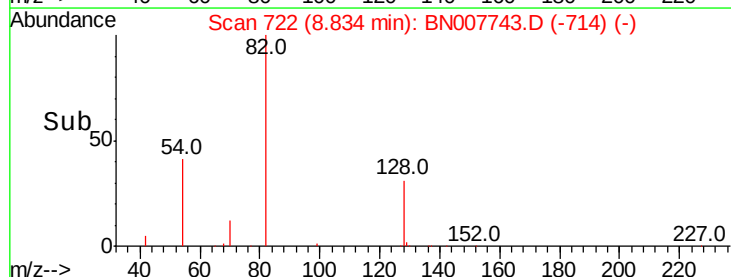
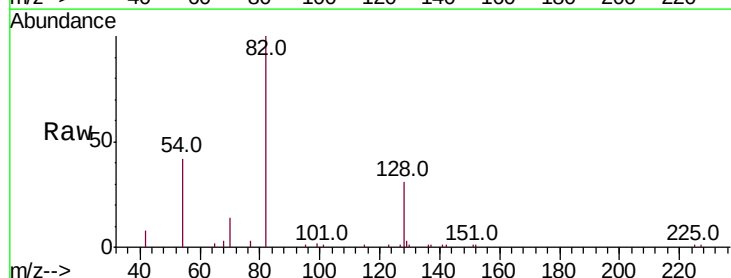
Tgt Ion: 82 Resp: 12398

Ion Ratio Lower Upper

82 100

128 31.2 24.5 36.7

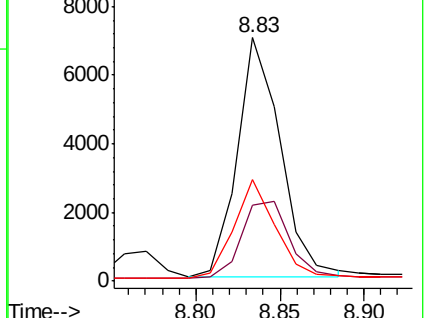
54 41.7 35.2 52.8

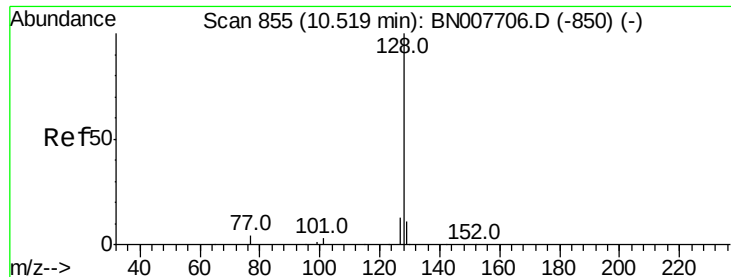


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.359 ng

RT: 10.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

Instrument :

BNA_N

ClientSampleId :

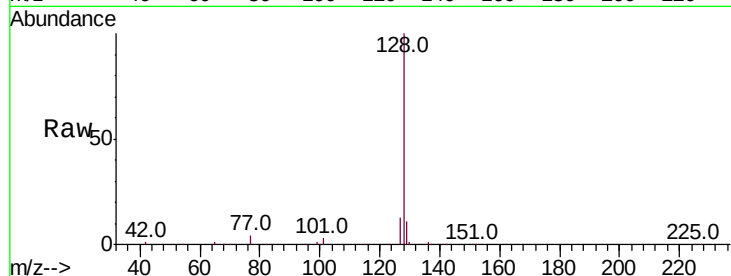
Tot Ion:128 Resp: 44646

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

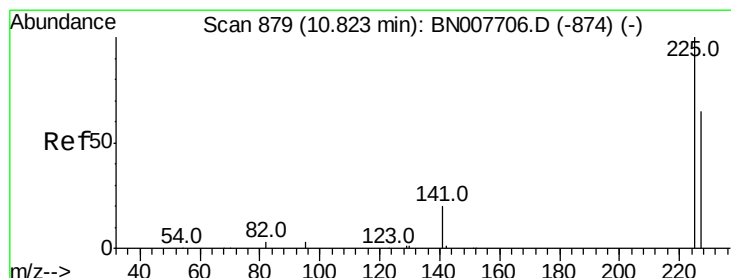
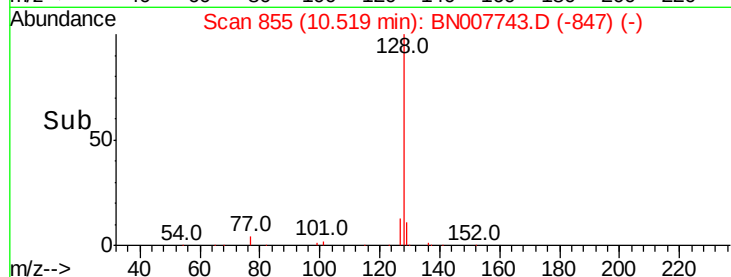
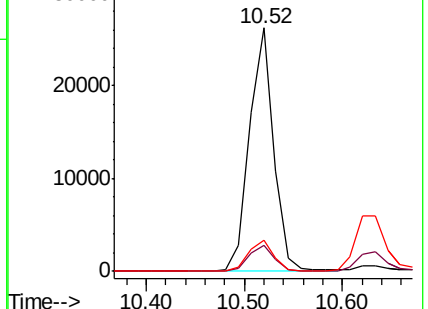
127 12.9 10.6 15.8



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: BN007743.D

Acq: 19 Sep 2019 16:24

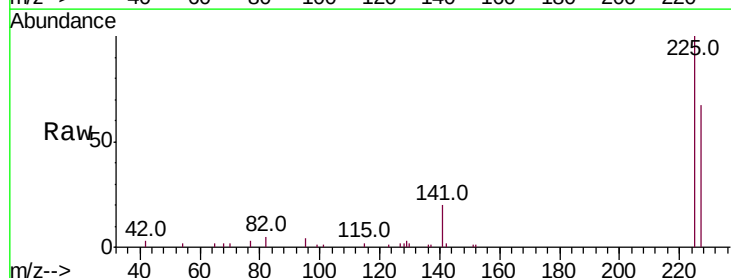
Tgt Ion:225 Resp: 8796

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

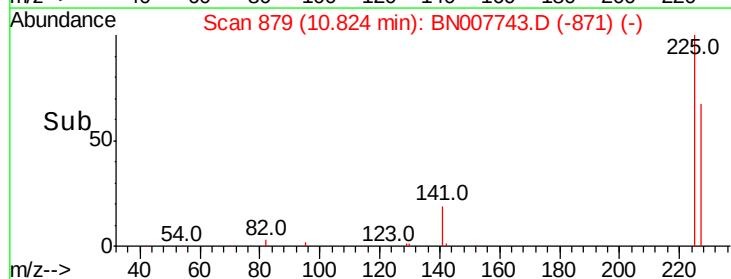
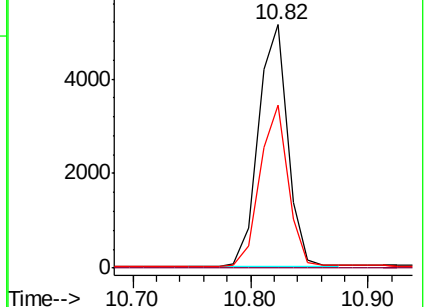
227 64.5 51.2 76.8

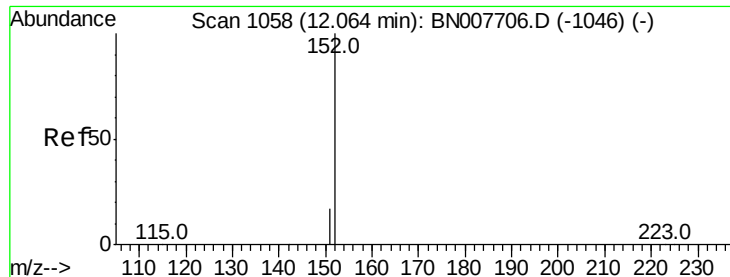


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.347 ng

RT: 12.06 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

Instrument :

BNA_N

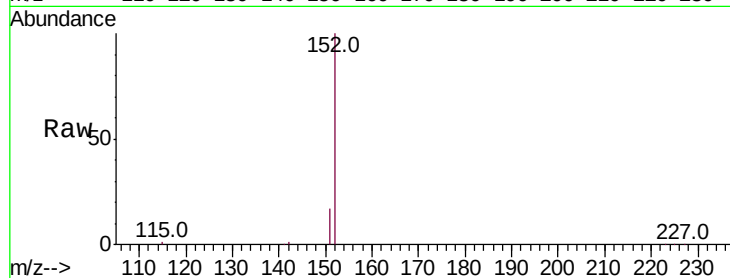
ClientSampleId :

Tot Ion:152 Resp: 25915

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

15000

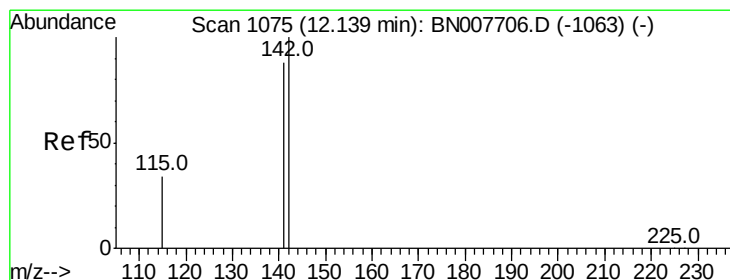
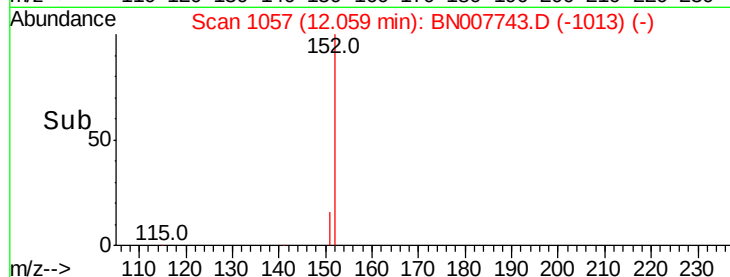
10000

5000

0

12.06

Time-->



#12

2-Methylnaphthalene

Concen: 0.354 ng

RT: 12.13 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

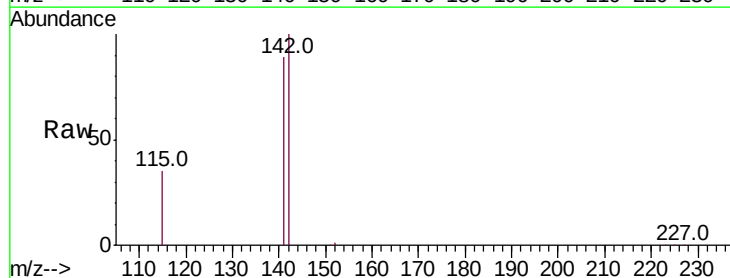
Tgt Ion:142 Resp: 29756

Ion Ratio Lower Upper

142 100

141 88.5 70.6 106.0

115 35.1 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

25000

20000

15000

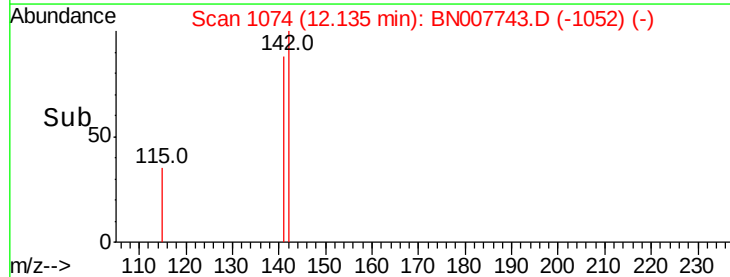
10000

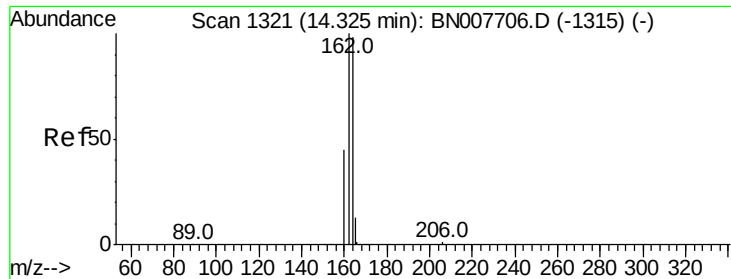
5000

0

12.13

Time-->

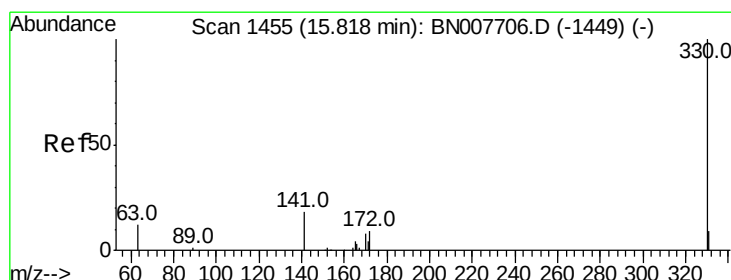
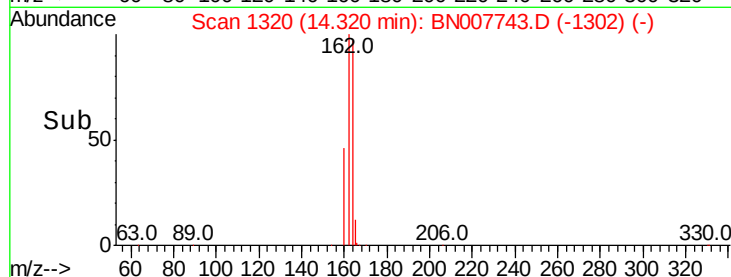
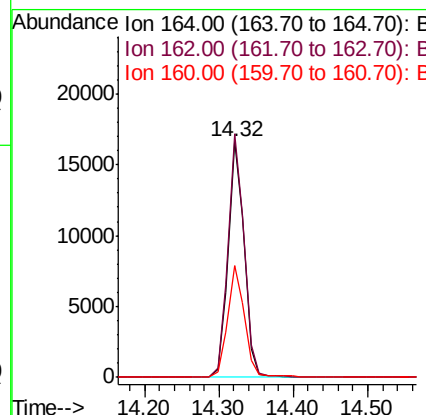
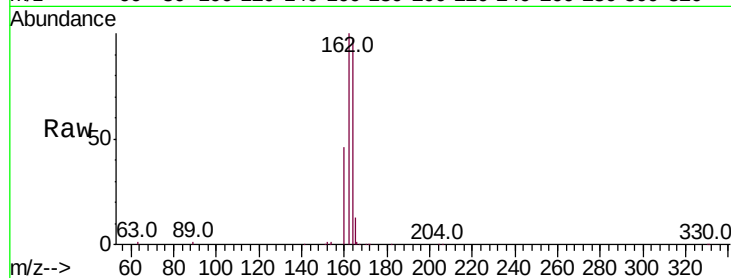




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

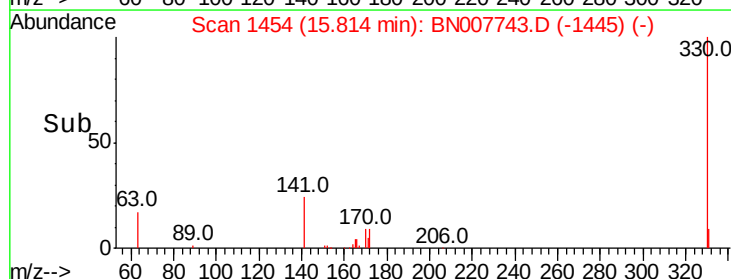
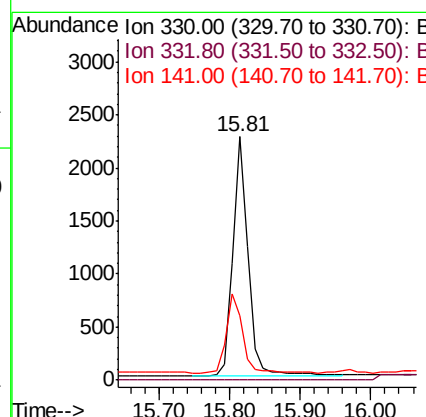
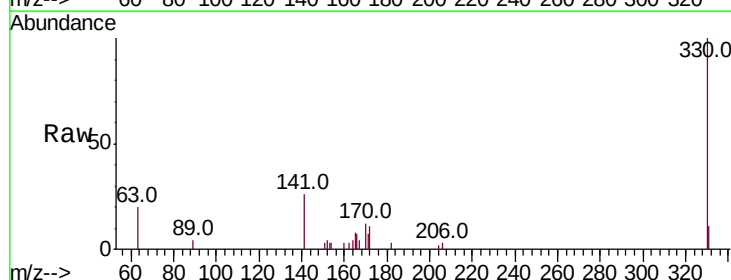
Instrument :
BNA_N
ClientSampleId :

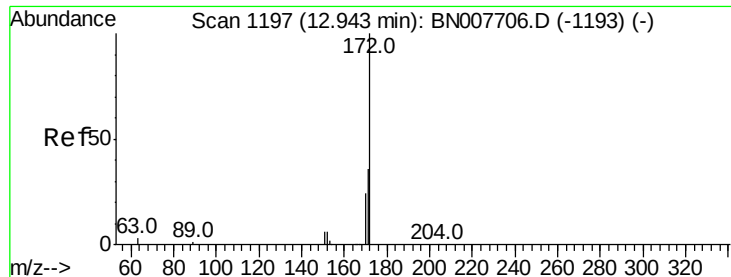
Tot Ion:164 Resp: 24535
Ion Ratio Lower Upper
164 100
162 103.4 81.7 122.5
160 47.6 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.256 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion:330 Resp: 3416
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.0 28.7 43.1

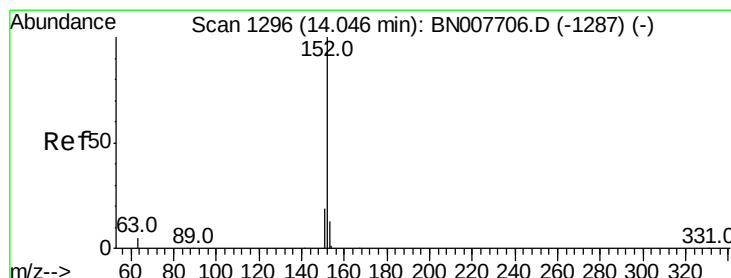
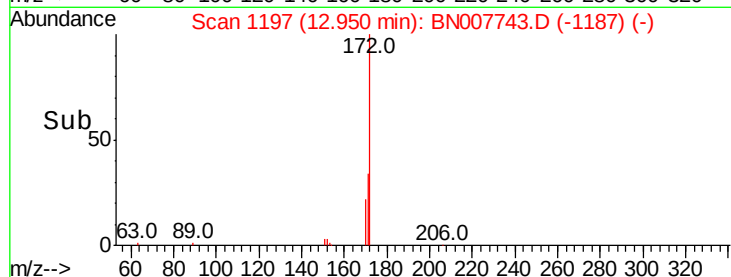
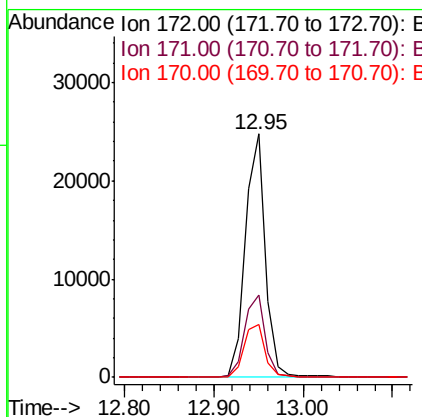
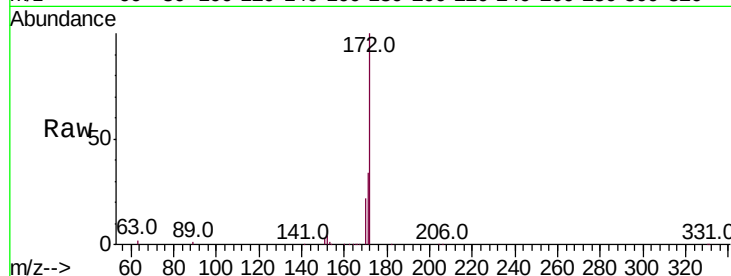




#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 12.95 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

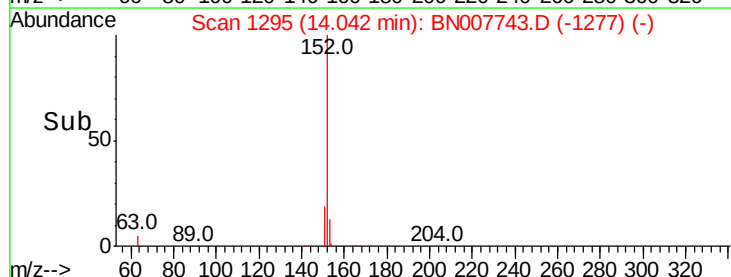
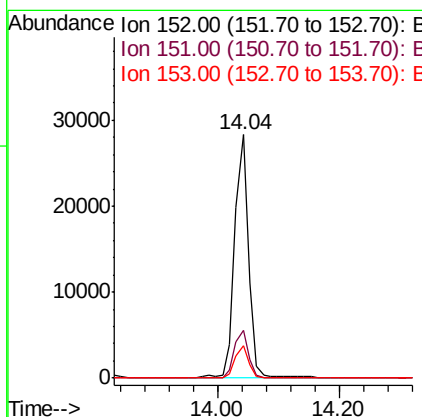
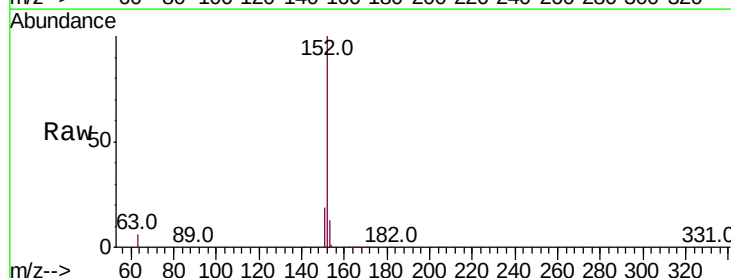
Instrument :
BNA_N
ClientSampleId :

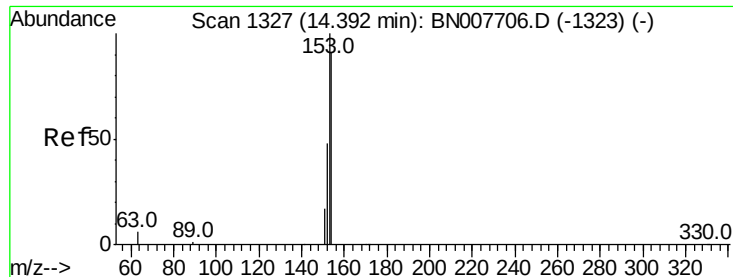
Tot Ion:172 Resp: 38329
Ion Ratio Lower Upper
172 100
171 34.0 28.8 43.2
170 21.9 19.5 29.3



#16
Acenaphthylene
Concen: 0.340 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion:152 Resp: 44291
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 13.1 10.4 15.6

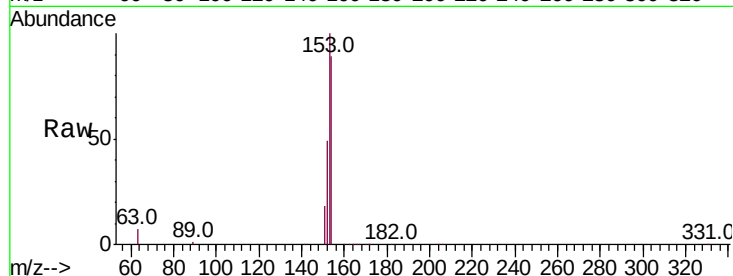




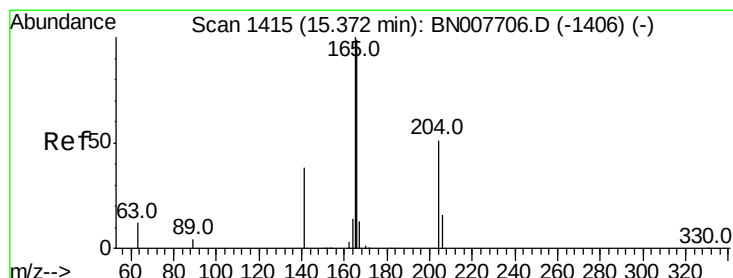
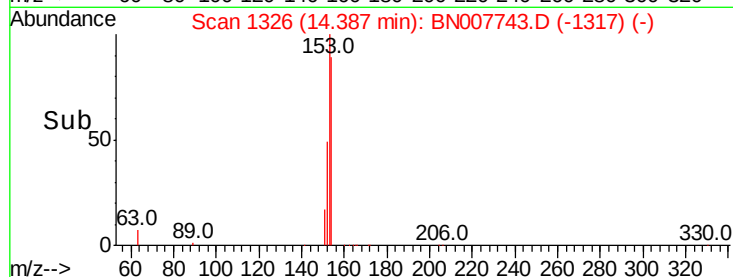
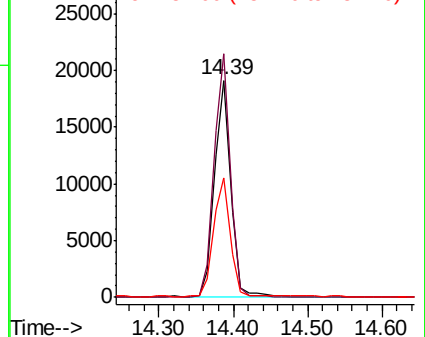
#17
Acenaphthene
Concen: 0.345 ng
RT: 14.39 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion:154 Resp: 28904
Ion Ratio Lower Upper
154 100
153 110.7 87.0 130.4
152 55.6 42.7 64.1

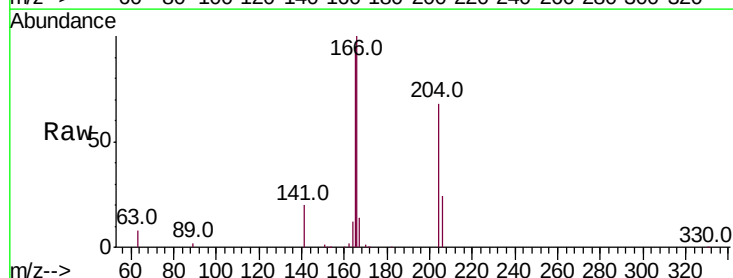


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

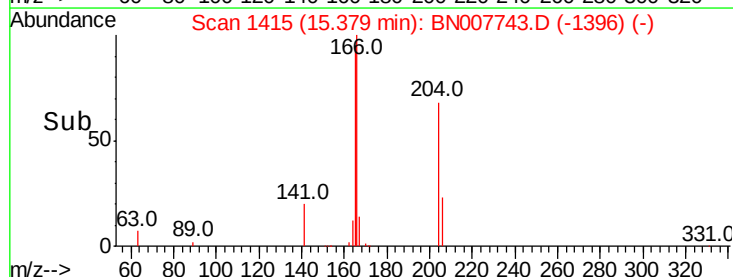
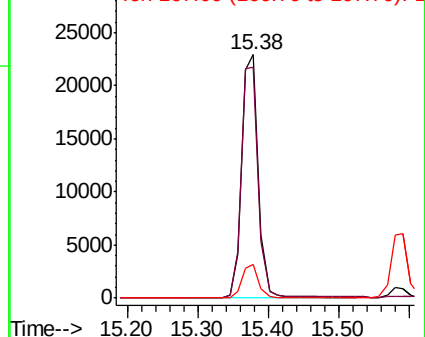


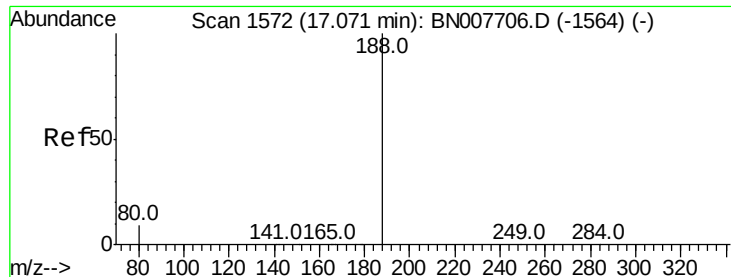
#18
Fluorene
Concen: 0.347 ng
RT: 15.38 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion:166 Resp: 37258
Ion Ratio Lower Upper
166 100
165 97.3 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# 1571

Delta R.T. -0.00 min

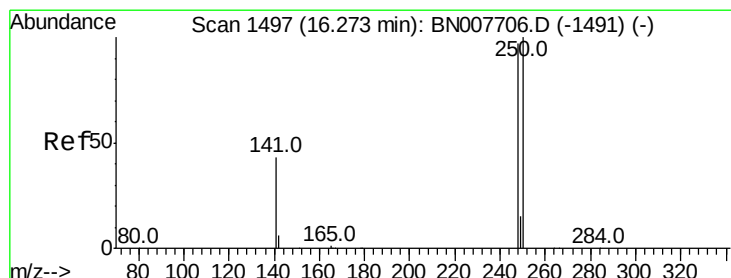
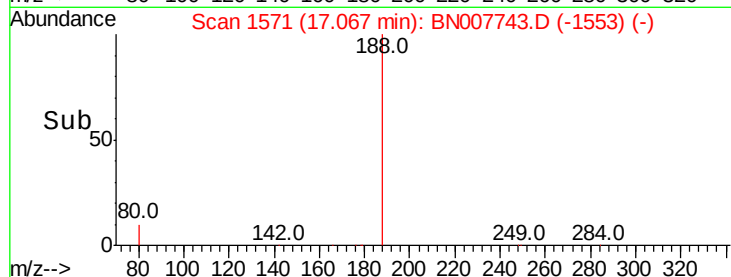
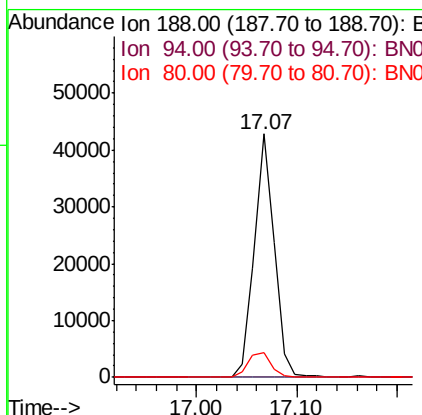
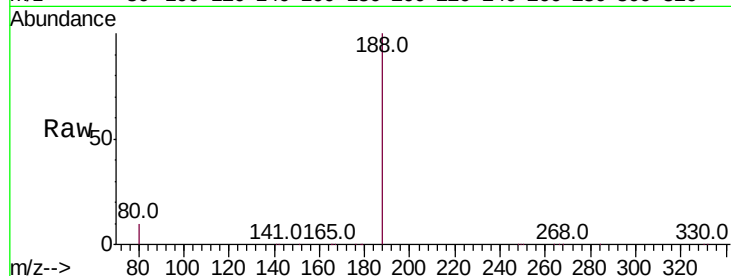
Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion:188 Resp: 59317

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	7.4	11.2



#20

4-Bromophenyl-phenylether

Concen: 0.333 ng

RT: 16.27 min Scan# 1496

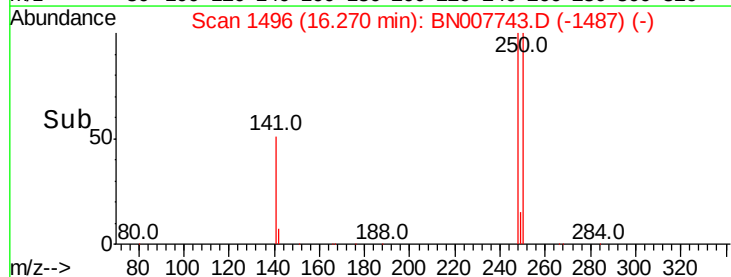
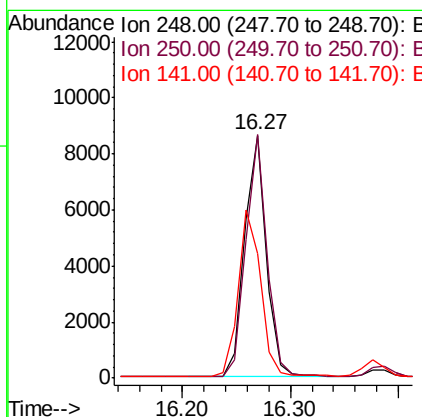
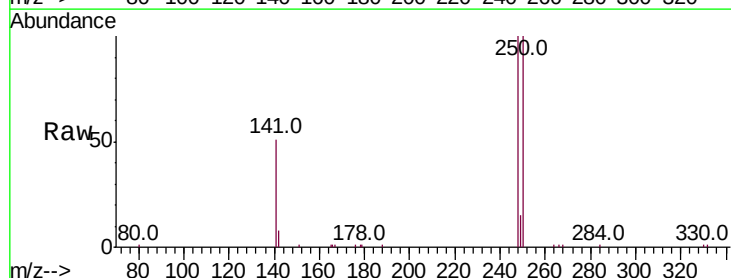
Delta R.T. -0.00 min

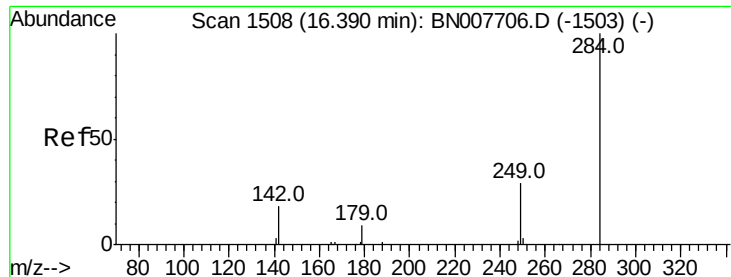
Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

Tgt Ion:248 Resp: 11997

Ion	Ratio	Lower	Upper
248	100		
250	100.2	82.2	123.4
141	51.5	36.3	54.5

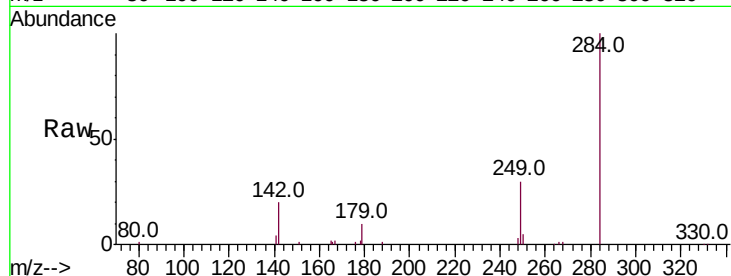




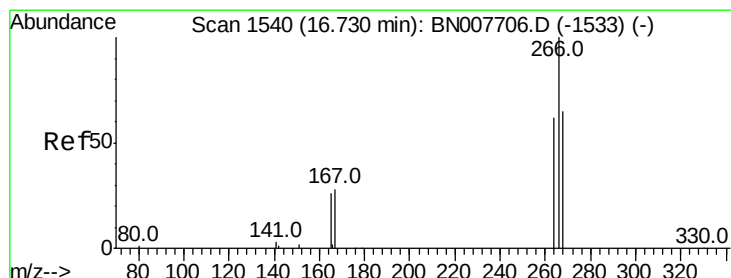
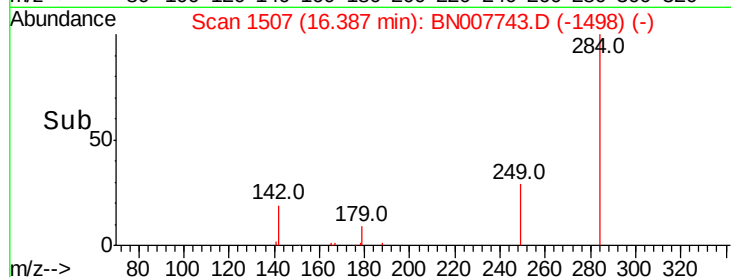
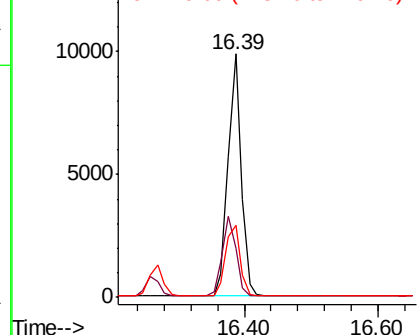
#21
Hexachlorobenzene
Concen: 0.341 ng
RT: 16.39 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 13410
Ion Ratio Lower Upper
284 100
142 33.6 25.8 38.6
249 32.0 25.9 38.9

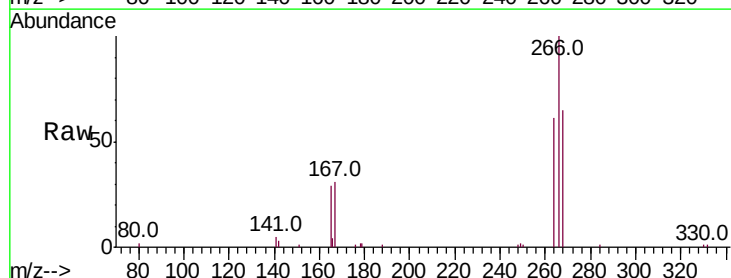


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

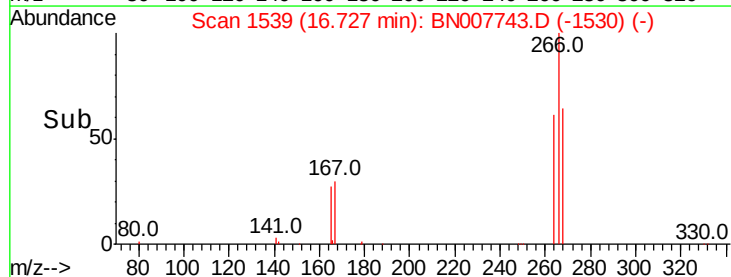
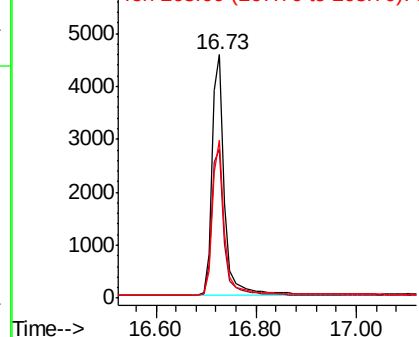


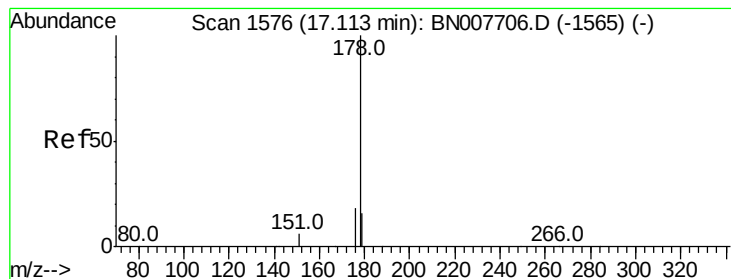
#22
Pentachlorophenol
Concen: 0.558 ng
RT: 16.73 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion:266 Resp: 8102
Ion Ratio Lower Upper
266 100
264 61.3 50.0 75.0
268 64.8 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: 0.346 ng

RT: 17.11 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

Instrument :

BNA_N

ClientSampleId :

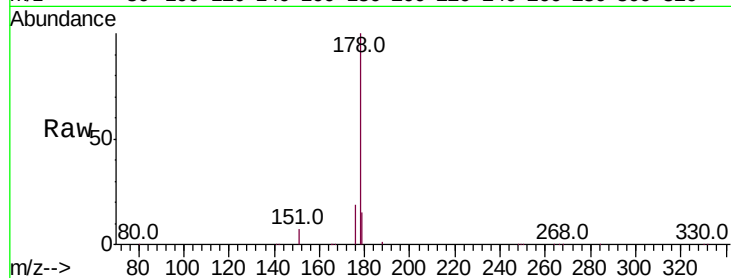
Tot Ion:178 Resp: 63967

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

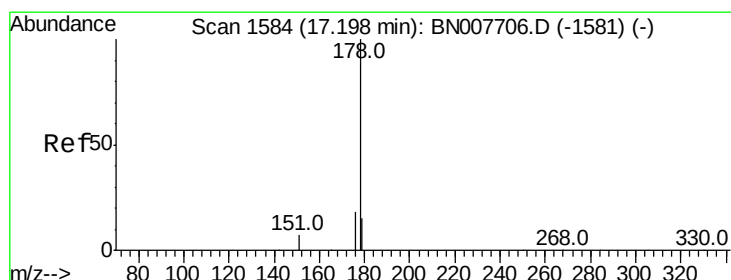
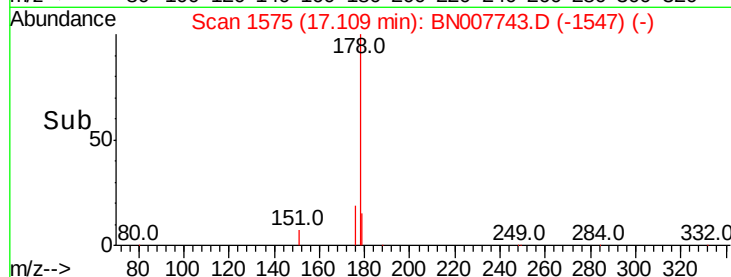
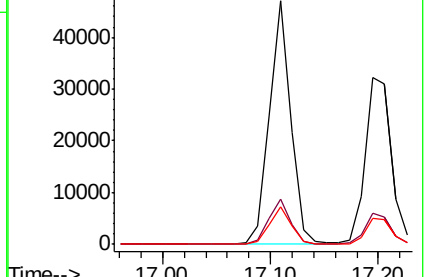
179 15.5 12.5 18.7



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: 17.19 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

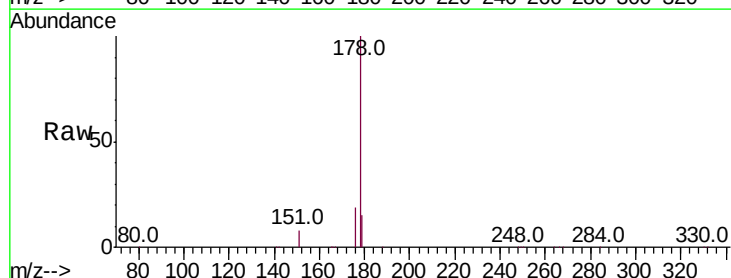
Tgt Ion:178 Resp: 54045

Ion Ratio Lower Upper

178 100

176 17.9 14.6 21.8

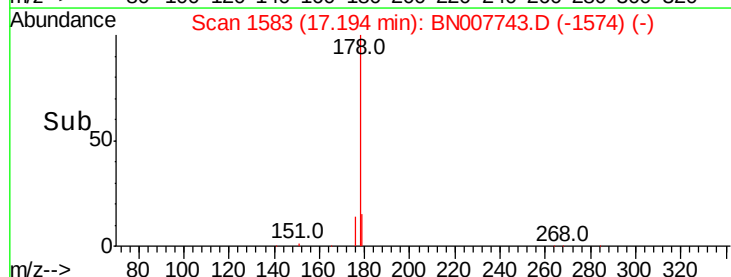
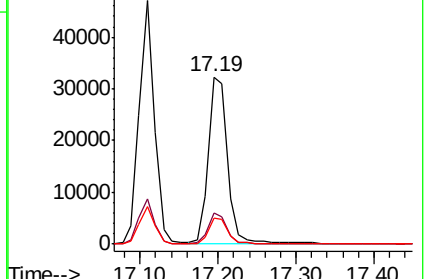
179 15.3 12.2 18.4

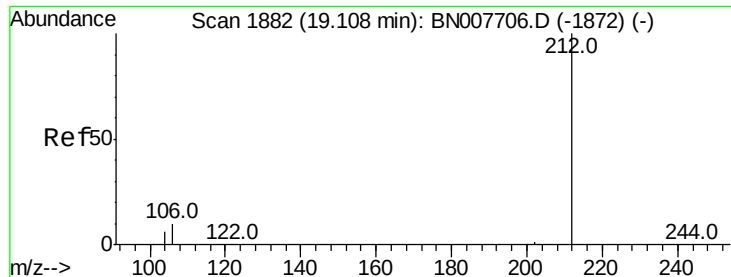


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.334 ng

RT: 19.10 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

Instrument :

BNA_N

ClientSampleId :

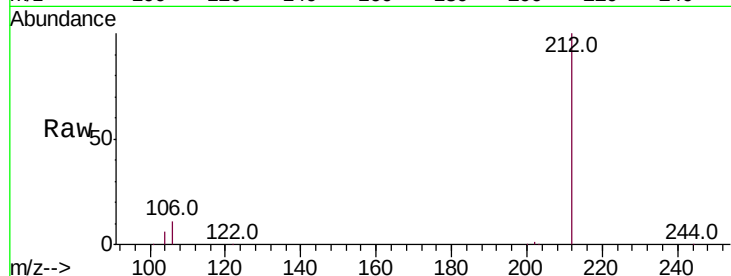
Tot Ion:212 Resp: 66704

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.0

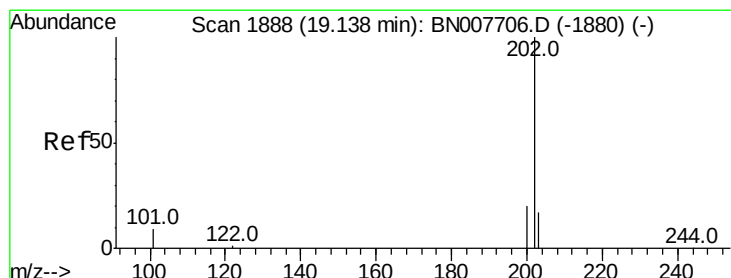
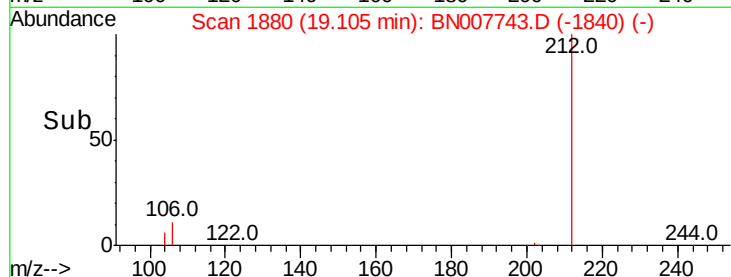
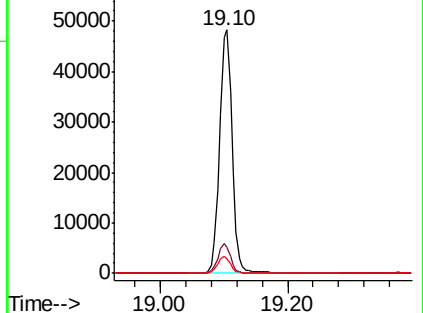
104 6.6 5.3 7.9



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: 0.340 ng

RT: 19.13 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

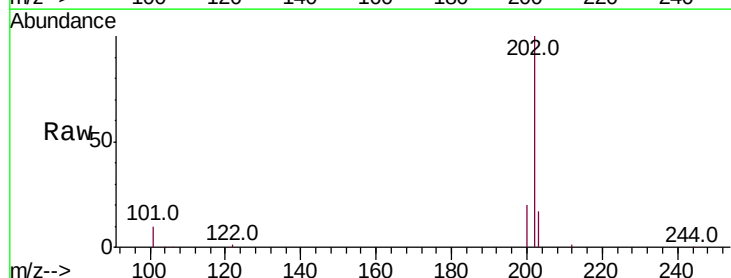
Tgt Ion:202 Resp: 78230

Ion Ratio Lower Upper

202 100

101 10.7 8.4 12.6

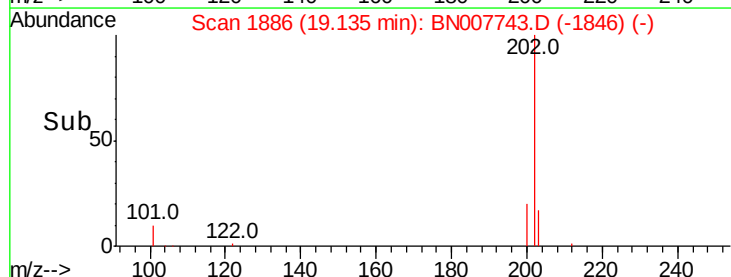
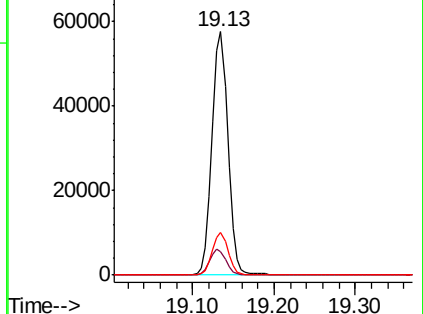
203 17.2 13.8 20.8

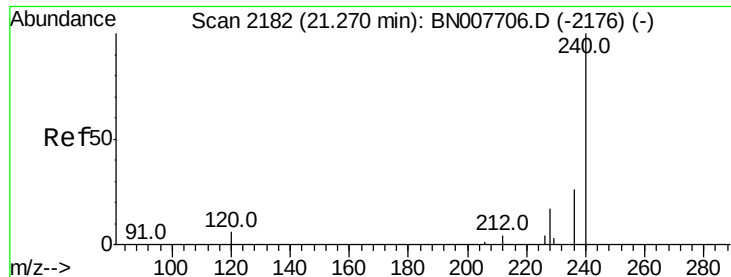


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.26 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

Instrument :

BNA_N

ClientSampleId :

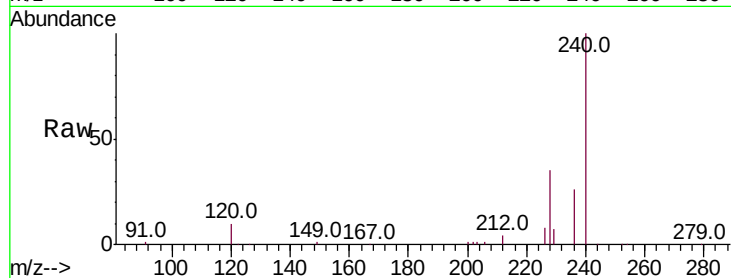
Tot Ion:240 Resp: 76150

Ion Ratio Lower Upper

240 100

120 10.1 5.4 8.2#

236 26.3 21.0 31.4

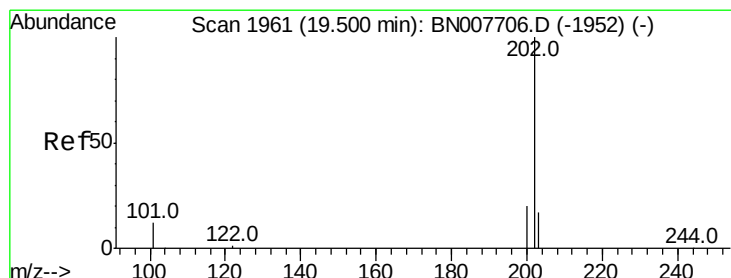
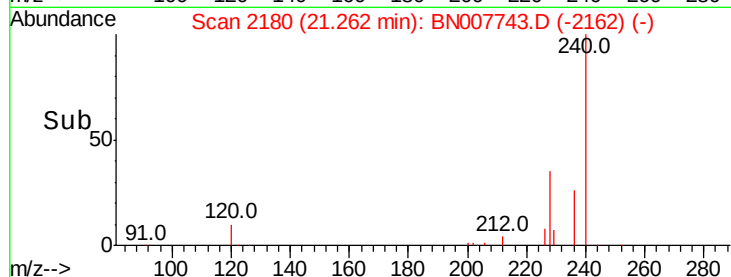
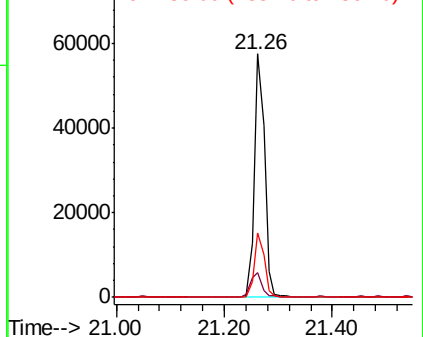


Abundance

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: 0.340 ng

RT: 19.50 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

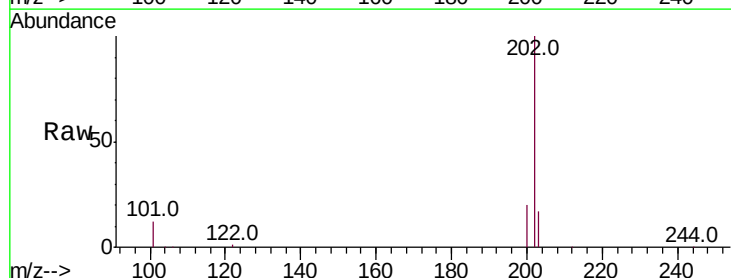
Tgt Ion:202 Resp: 88258

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

203 17.5 14.1 21.1

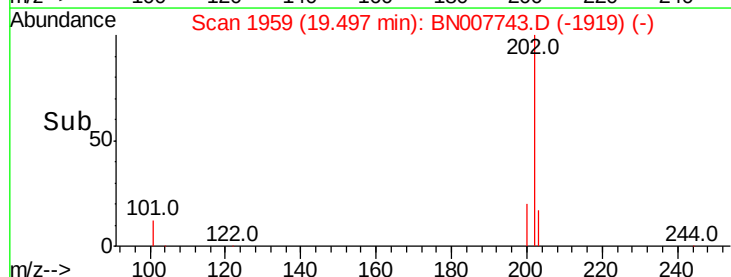
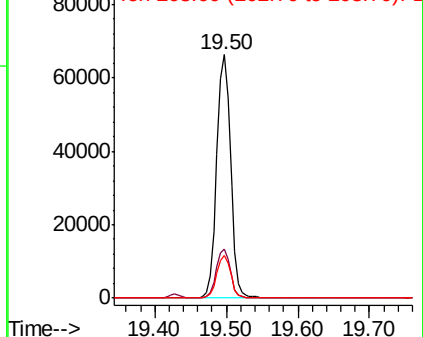


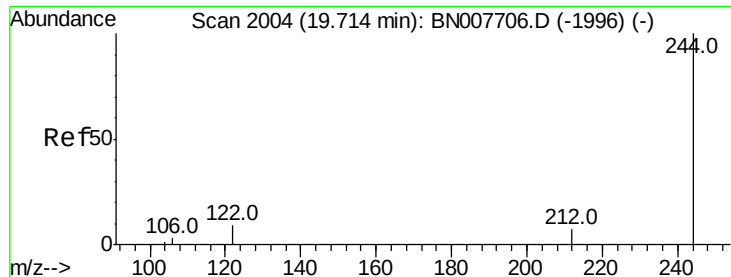
Abundance

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: 0.298 ng

RT: 19.71 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

Instrument :

BNA_N

ClientSampleId :

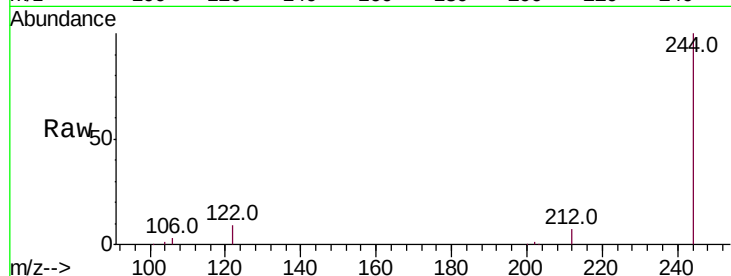
Tot Ion:244 Resp: 55807

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

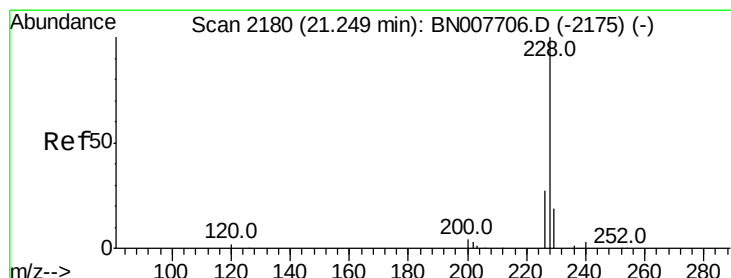
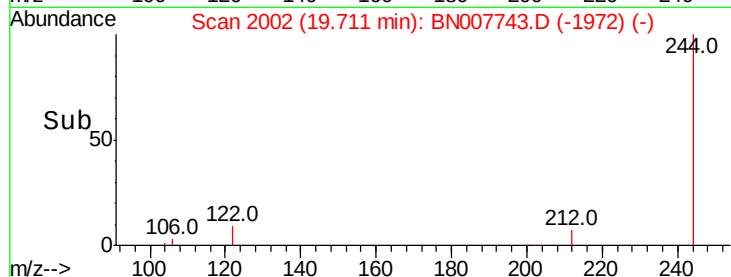
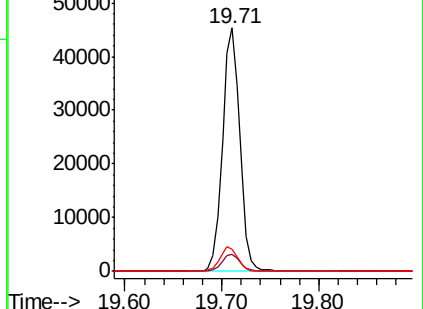
122 9.3 7.4 11.2



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: 0.299 ng

RT: 21.25 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

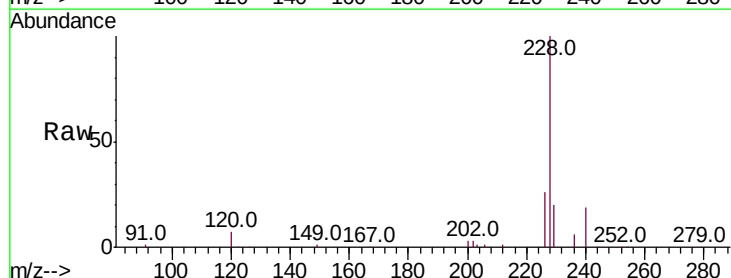
Tgt Ion:228 Resp: 83947

Ion Ratio Lower Upper

228 100

226 26.1 22.1 33.1

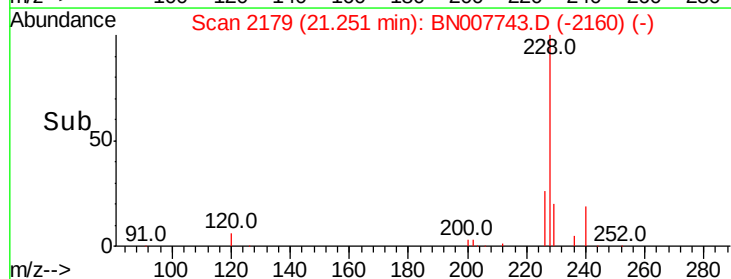
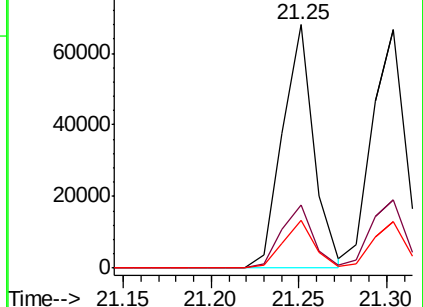
229 19.6 15.8 23.6

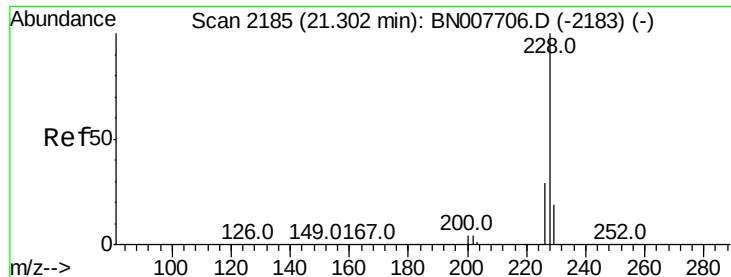


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.322 ng

RT: 21.30 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

Instrument :

BNA_N

ClientSampleId :

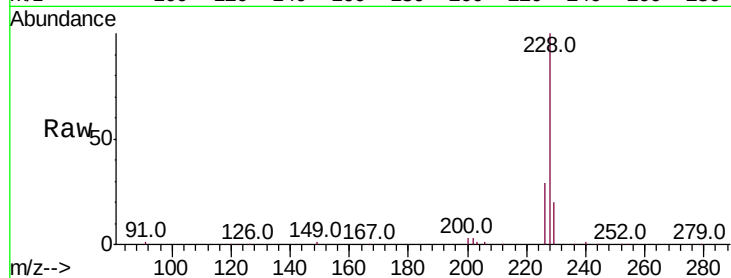
Tot Ion:228 Resp: 87958

Ion Ratio Lower Upper

228 100

226 28.7 23.9 35.9

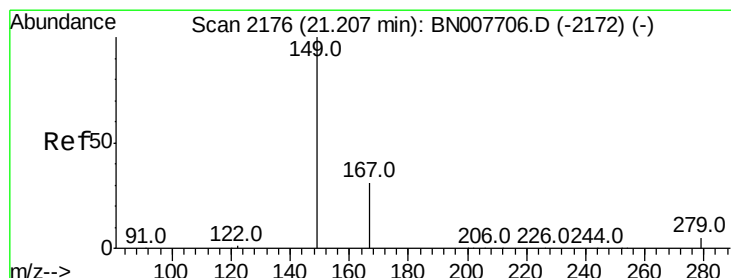
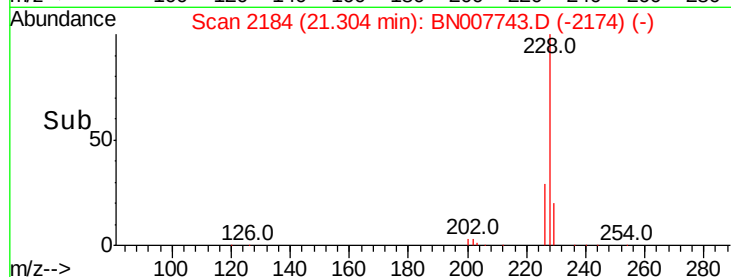
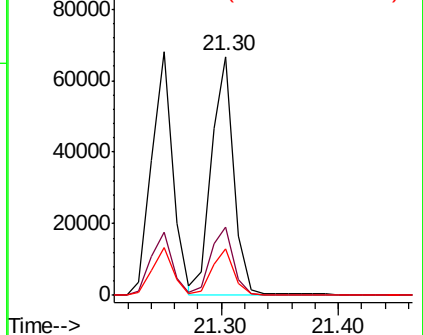
229 19.7 15.8 23.6



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: 0.199 ng

RT: 21.20 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

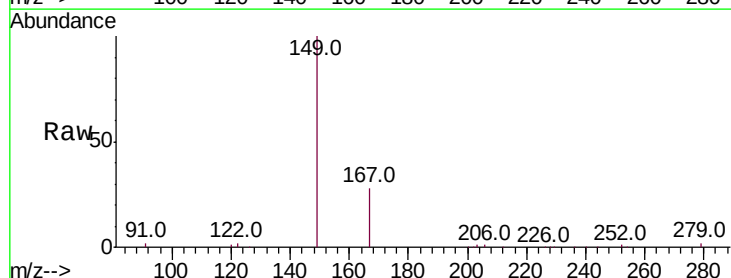
Tgt Ion:149 Resp: 28692

Ion Ratio Lower Upper

149 100

167 29.1 23.7 35.5

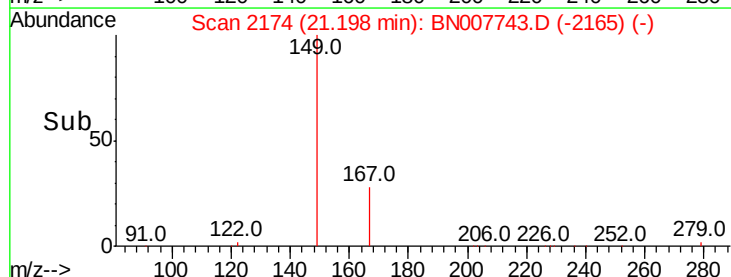
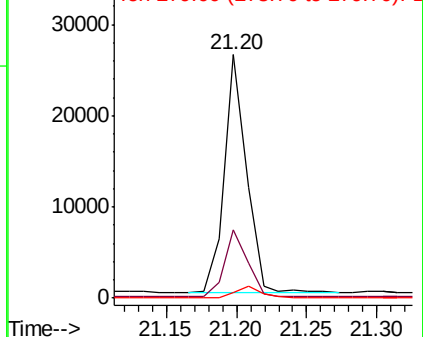
279 4.8 4.2 6.2

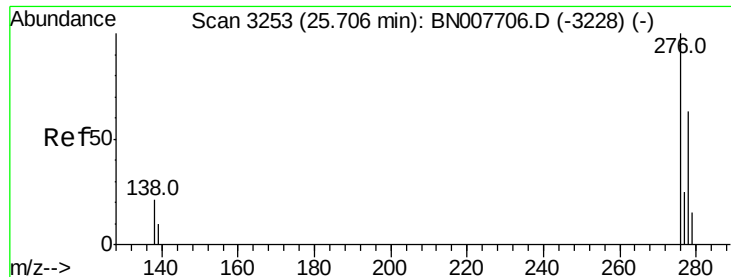


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.304 ng

RT: 25.70 min Scan# 3249

Delta R.T. -0.01 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

Instrument :

BNA_N

ClientSampleId :

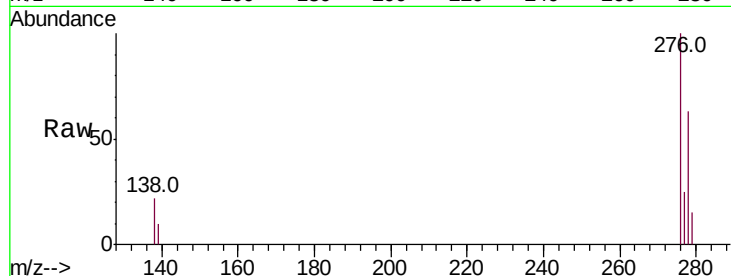
Tot Ion:276 Resp: 104138

Ion Ratio Lower Upper

276 100

138 22.8 17.1 25.7

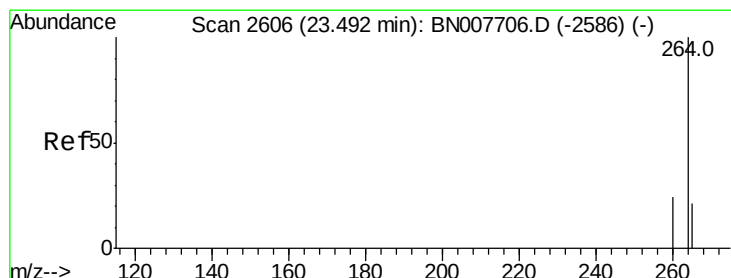
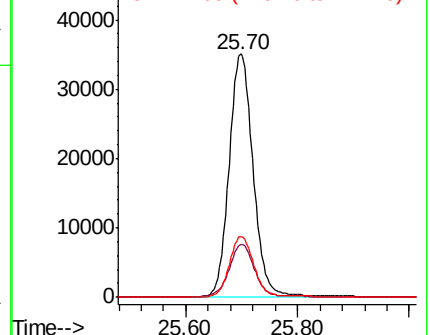
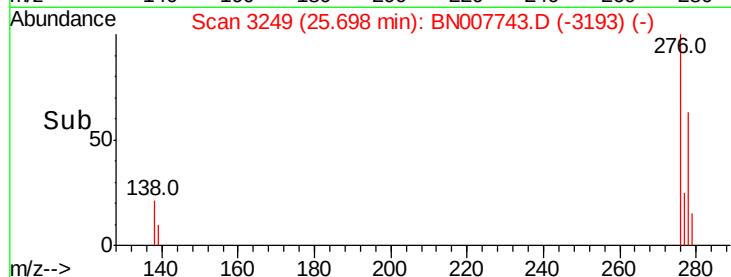
277 25.1 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.49 min Scan# 2603

Delta R.T. -0.00 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

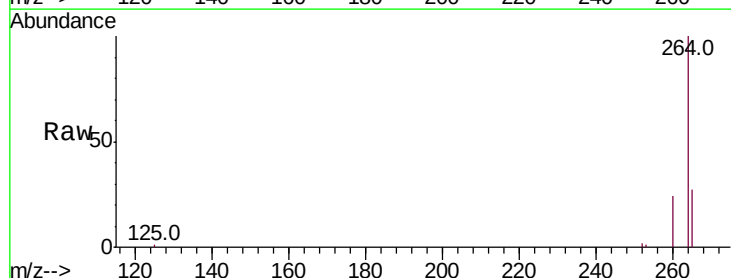
Tgt Ion:264 Resp: 74131

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

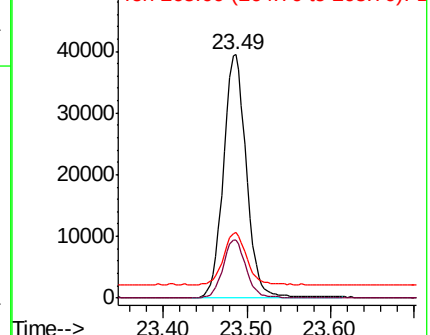
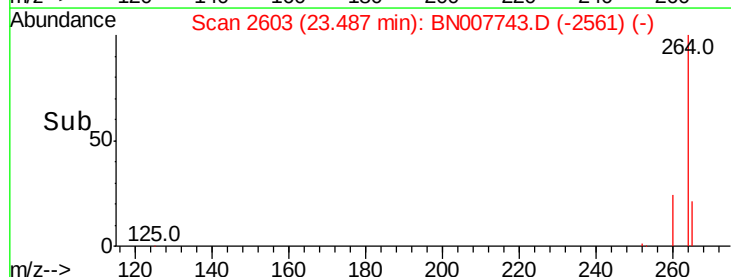
265 26.9 26.9 40.3#

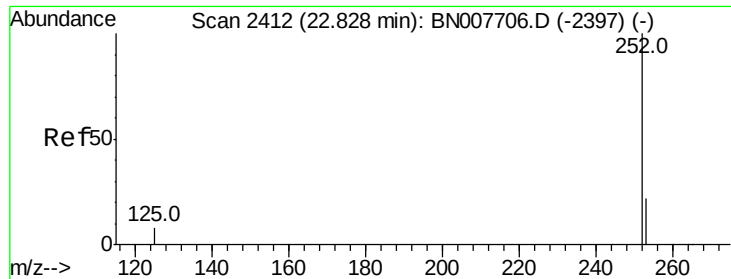


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.330 ng

RT: 22.82 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

Instrument :

BNA_N

ClientSampleId :

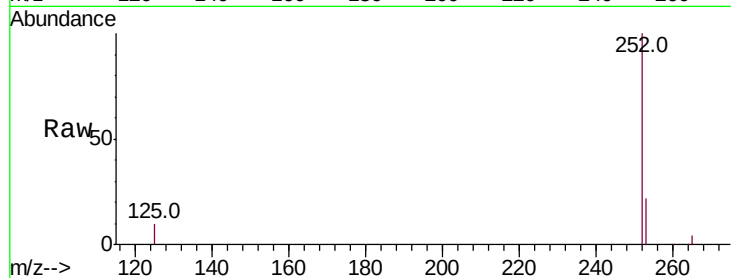
Tot Ion:252 Resp: 84865

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

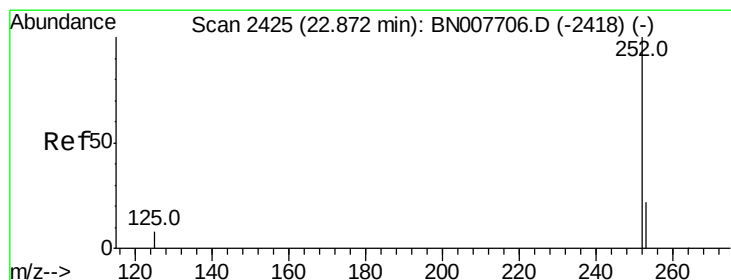
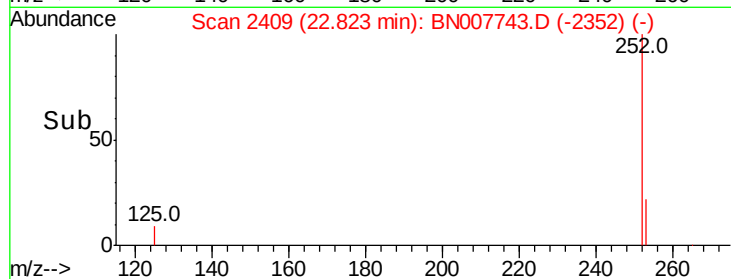
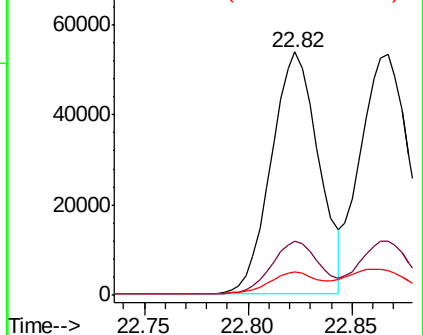
125 9.5 8.2 12.4



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: 0.352 ng

RT: 22.87 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

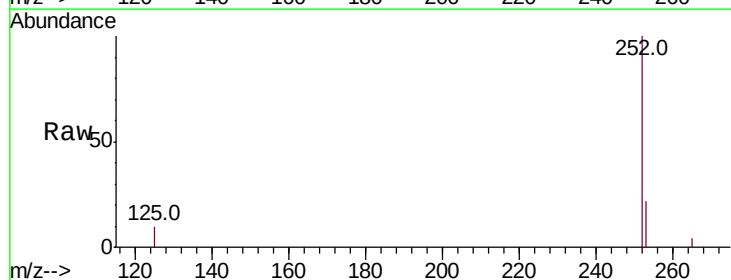
Tgt Ion:252 Resp: 89638

Ion Ratio Lower Upper

252 100

253 22.5 18.5 27.7

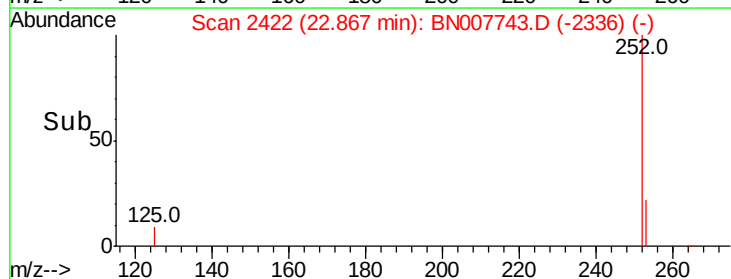
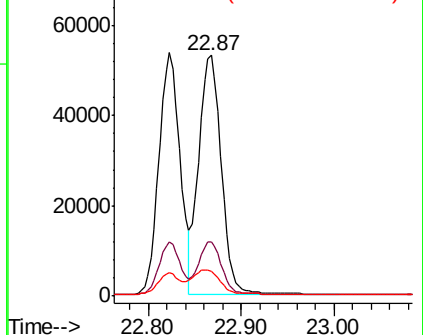
125 10.1 8.4 12.6

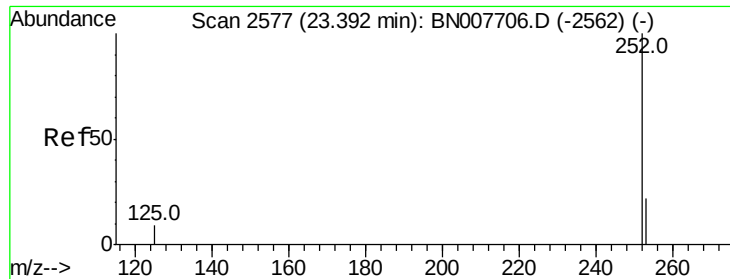


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.318 ng

RT: 23.39 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

Instrument :

BNA_N

ClientSampleId :

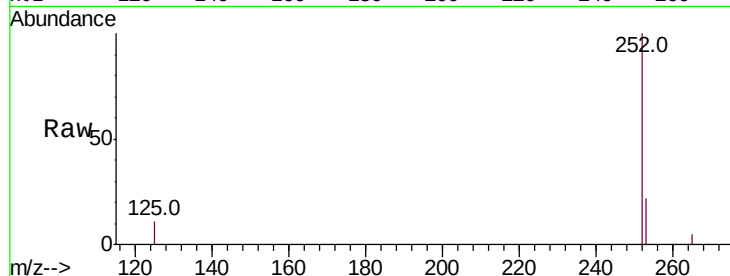
Tot Ion:252 Resp: 76959

Ion Ratio Lower Upper

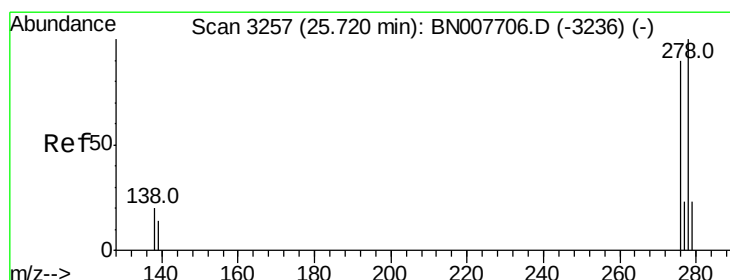
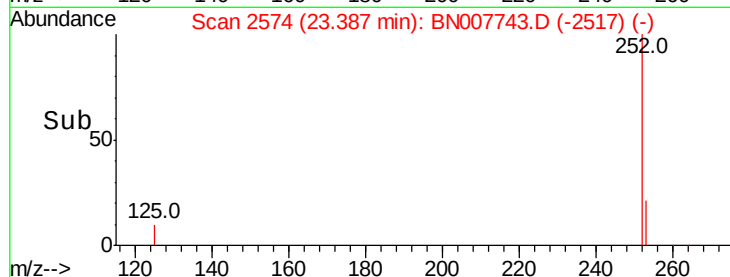
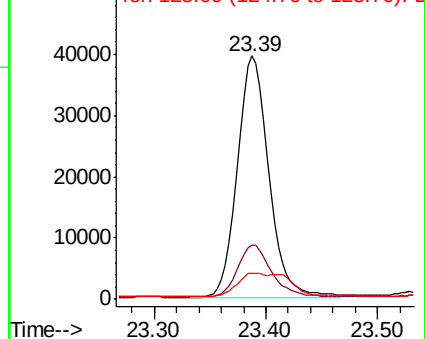
252 100

253 22.3 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: 0.339 ng

RT: 25.71 min Scan# 3253

Delta R.T. -0.01 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

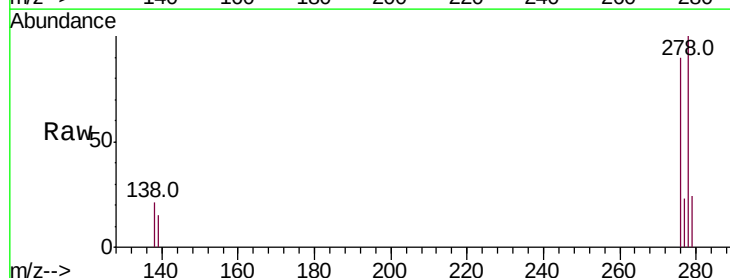
Tgt Ion:278 Resp: 83861

Ion Ratio Lower Upper

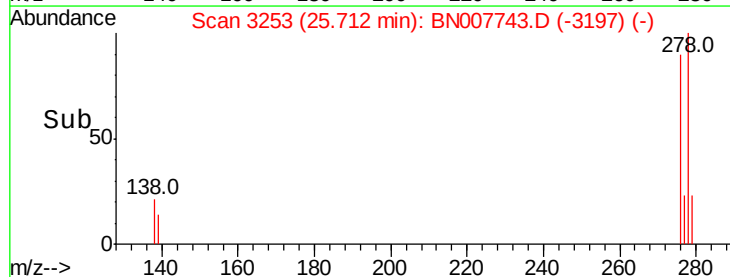
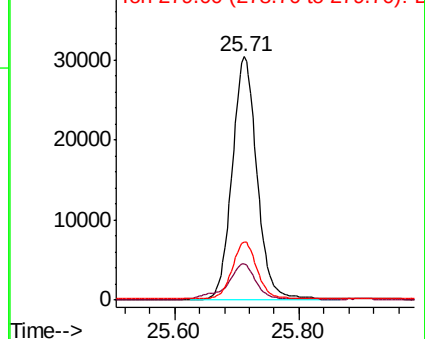
278 100

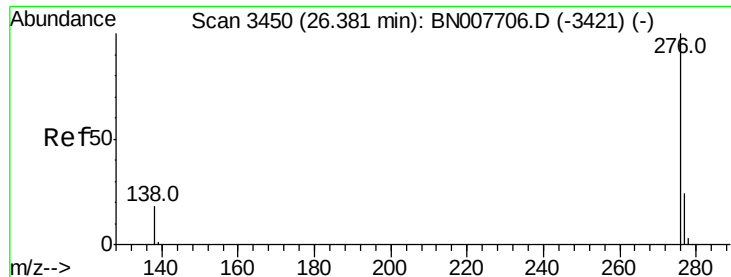
139 14.7 11.8 17.6

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: 0.329 ng

RT: 26.37 min Scan# 3445

Delta R.T. -0.01 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

Instrument :

BNA_N

ClientSampleId :

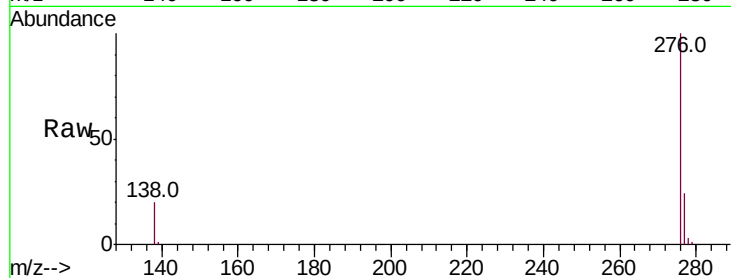
Tot Ion:276 Resp: 80511

Ion Ratio Lower Upper

276 100

277 23.9 19.8 29.8

138 19.6 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

