

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091819\
 Data File : BN007737.D
 Acq On : 19 Sep 2019 12:49
 Operator : HP/JU
 Sample : K4893-04MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20190912MSD

Quant Time: Sep 19 15:21:59 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	5570	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	21243	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	12479	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	27595	0.40	ng	0.00
27) Chrysene-d12	21.27	240	30970	0.40	ng	0.00
34) Perylene-d12	23.49	264	33728	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.32	112	2329	0.12	ng	0.00
5) Phenol-d6	6.87	99	1825	0.07	ng	0.00
8) Nitrobenzene-d5	8.83	82	6336	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	15478	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1713	0.25	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	23287	0.45	ng	0.00
25) Fluoranthene-d10	19.10	212	35124	0.38	ng	0.00
29) Terphenyl-d14	19.71	244	35630	0.47	ng	0.00

Target Compounds

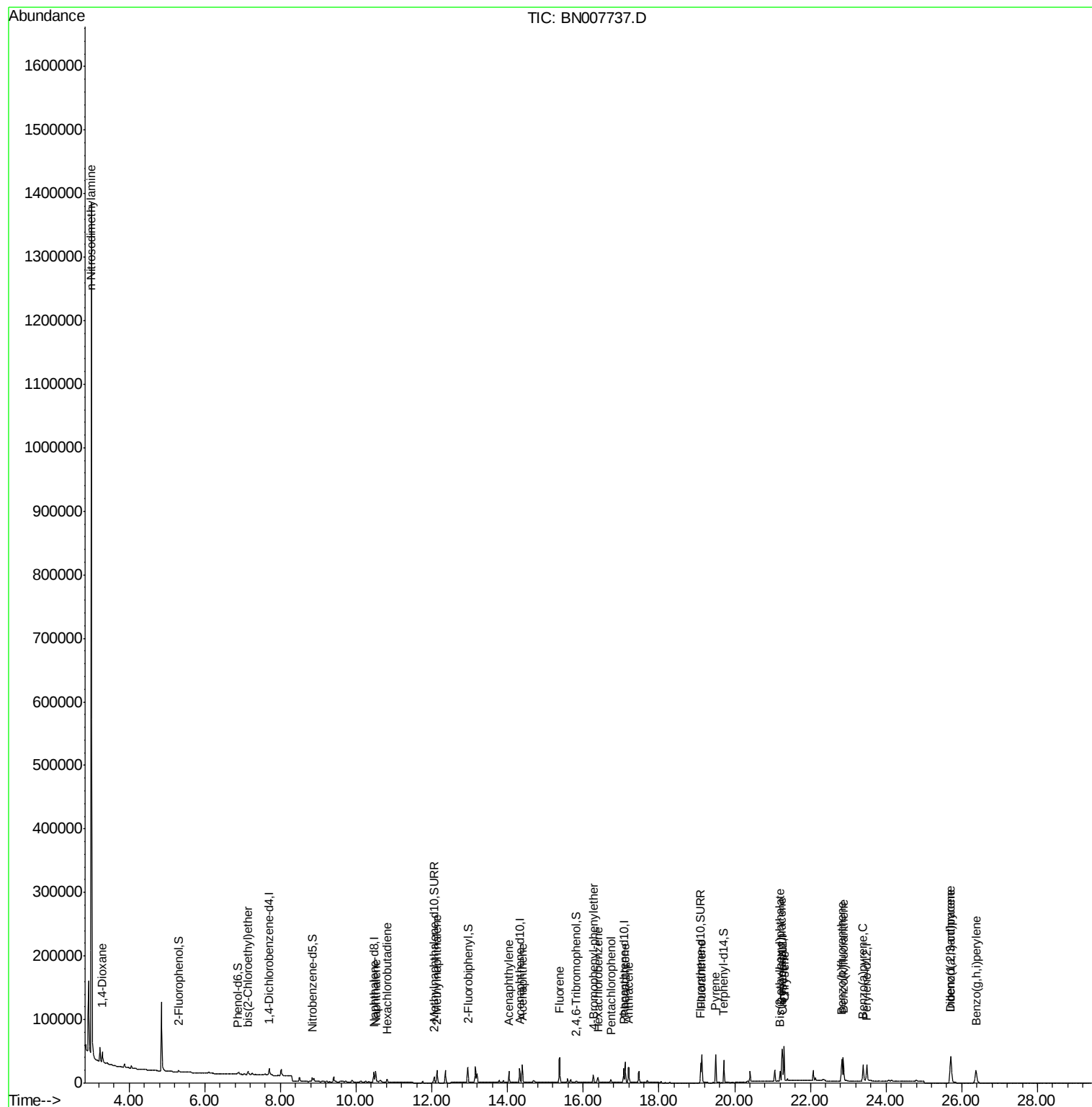
						Qvalue
2) 1,4-Dioxane	3.30	88	12810	2.063	ng	# 87
3) n-Nitrosodimethylamine	3.01	42	103070	36.247	ng	# 70
6) bis(2-Chloroethyl)ether	7.14	93	5947	0.377	ng	97
9) Naphthalene	10.52	128	22179	0.372	ng	100
10) Hexachlorobutadiene	10.82	225	4142	0.330	ng	# 100
12) 2-Methylnaphthalene	12.13	142	14896	0.370	ng	100
16) Acenaphthylene	14.04	152	21067	0.318	ng	100
17) Acenaphthene	14.39	154	14217	0.333	ng	98
18) Fluorene	15.38	166	18300	0.335	ng	100
20) 4-Bromophenyl-phenylether	16.27	248	6463	0.386	ng	95
21) Hexachlorobenzene	16.39	284	6653	0.363	ng	98
22) Pentachlorophenol	16.73	266	2188	0.324	ng	98
23) Phenanthrene	17.11	178	32387	0.377	ng	100
24) Anthracene	17.20	178	27806	0.358	ng	100
26) Fluoranthene	19.13	202	38733	0.362	ng	99
28) Pyrene	19.50	202	39172	0.371	ng	100
30) Benzo(a)anthracene	21.25	228	39091	0.343	ng	99
31) Chrysene	21.30	228	41067	0.369	ng	100
32) Bis(2-ethylhexyl)phthalate	21.20	149	14244	0.243	ng	99
33) Indeno(1,2,3-cd)pyrene	25.70	276	48240	0.347	ng	99
35) Benzo(b)fluoranthene	22.83	252	42564	0.364	ng	99
36) Benzo(k)fluoranthene	22.87	252	45427	0.392	ng	99
37) Benzo(a)pyrene	23.39	252	38383	0.349	ng	100
38) Dibenzo(a,h)anthracene	25.72	278	40151	0.357	ng	99
39) Benzo(g,h,i)perylene	26.38	276	40619	0.365	ng	99

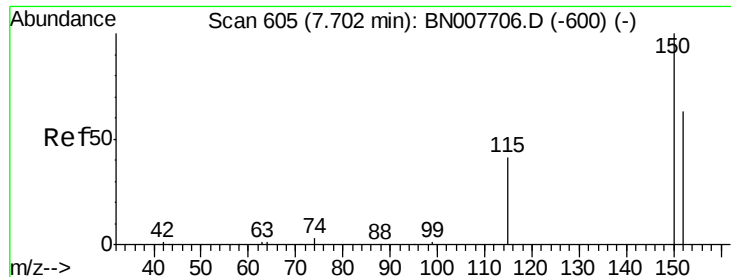
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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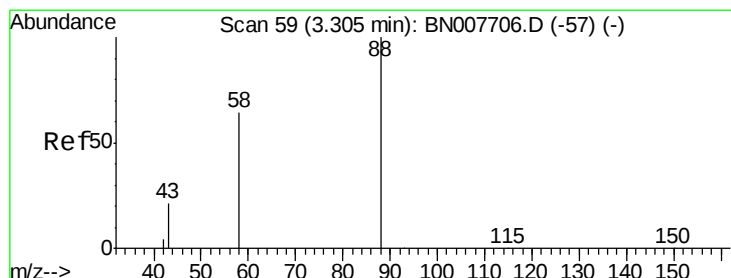
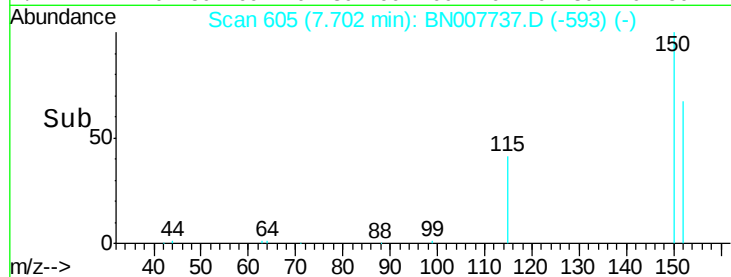
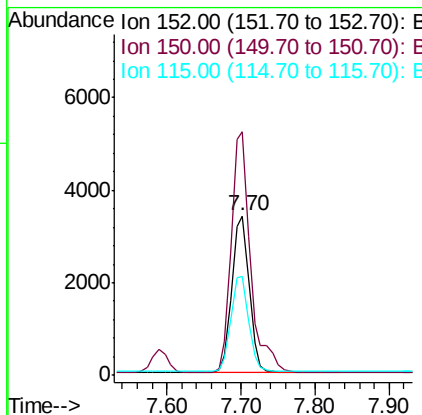
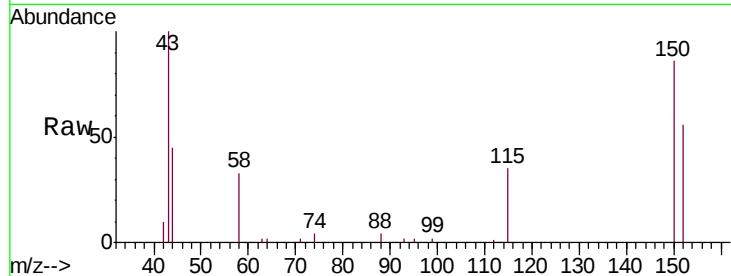


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.70 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BN007737.D
 Acq: 19 Sep 2019 12:49

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20190912MSD

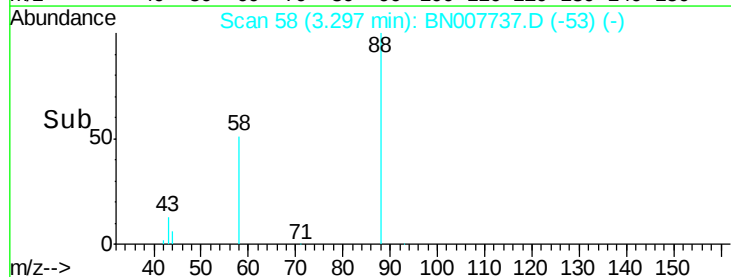
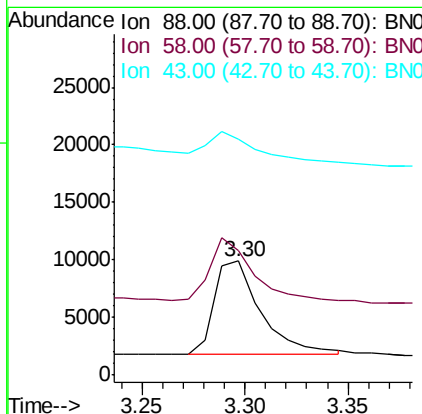
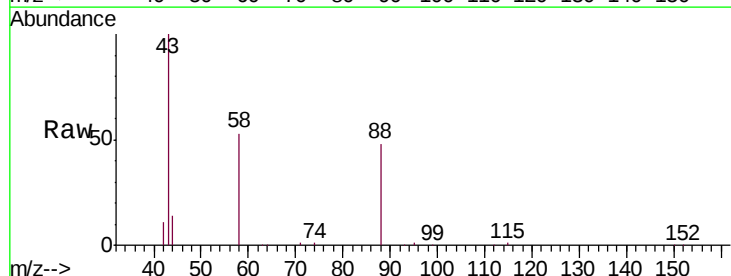
Tgt Ion: 152 Resp: 5570
 Ion Ratio Lower Upper
 152 100
 150 152.6 125.6 188.4
 115 62.2 53.3 79.9



#2

1,4-Dioxane
 Concen: 2.063 ng
 RT: 3.30 min Scan# 58
 Delta R.T. -0.01 min
 Lab File: BN007737.D
 Acq: 19 Sep 2019 12:49

Tgt Ion: 88 Resp: 12810
 Ion Ratio Lower Upper
 88 100
 58 59.6 44.6 66.8
 43 34.5 14.4 21.6#





#3

n-Nitrosodimethylamine

Concen: 36.247 ng

RT: 3.01 min Scan# 22

Delta R.T. 0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MSD

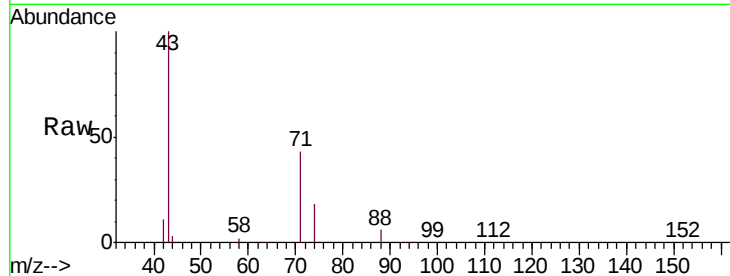
Tgt Ion: 42 Resp: 103070

Ion Ratio Lower Upper

42 100

74 146.6 87.9 131.9#

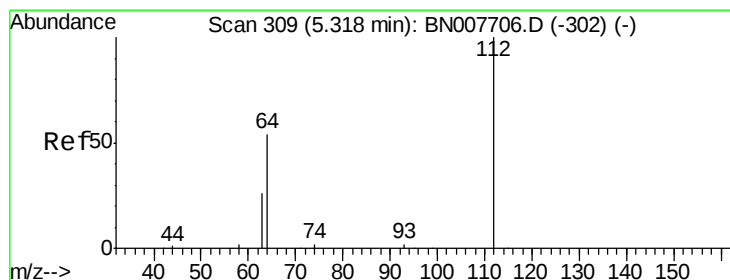
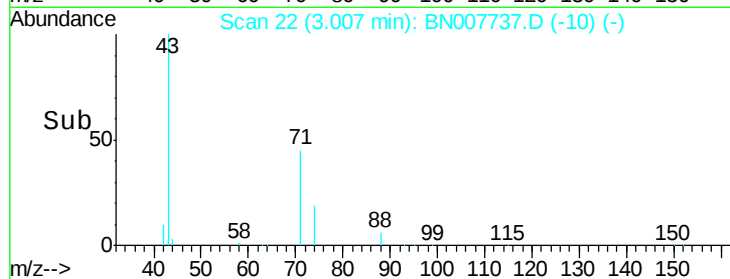
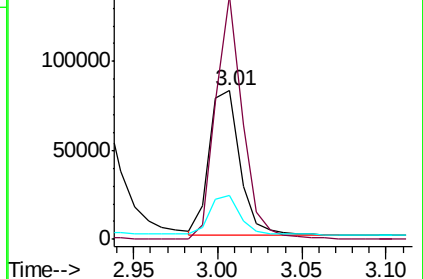
44 26.9 29.4 44.0#



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: 0.121 ng

RT: 5.32 min Scan# 309

Delta R.T. 0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

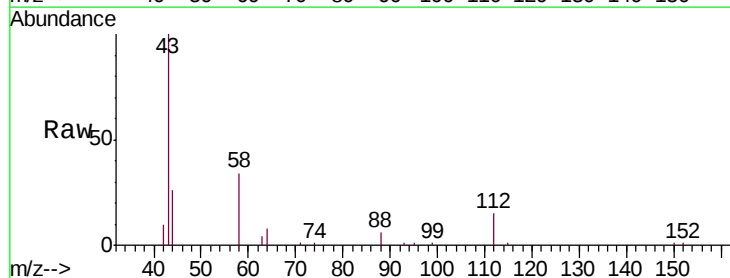
Tgt Ion: 112 Resp: 2329

Ion Ratio Lower Upper

112 100

64 58.9 46.6 70.0

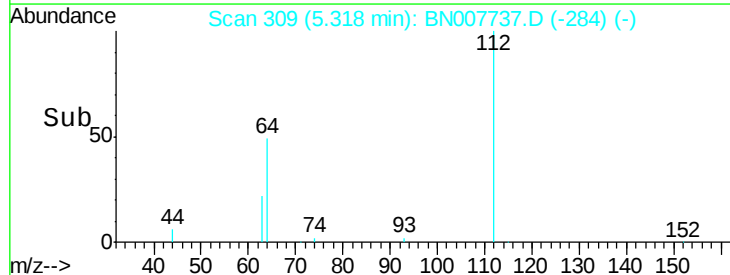
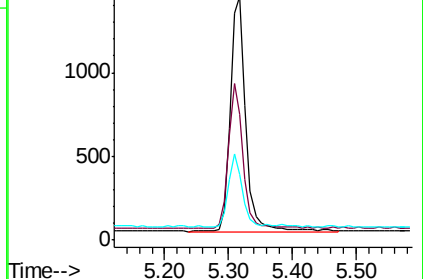
63 27.7 23.1 34.7

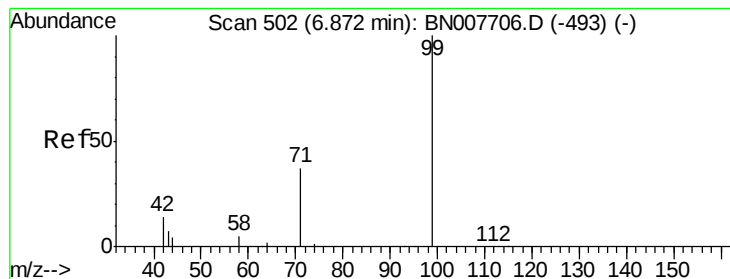


Abundance Ion 112.00 (111.70 to 112.70): BN007706.D (-302) (-)

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: 0.071 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MSD

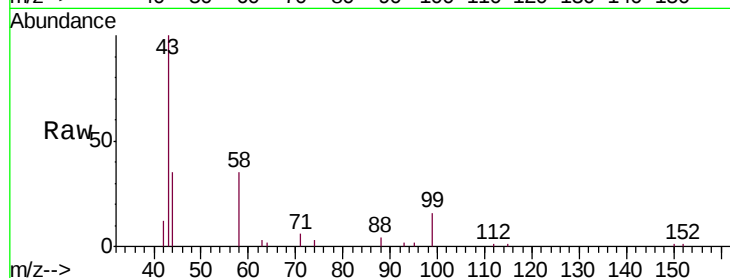
Tgt Ion: 99 Resp: 1825

Ion Ratio Lower Upper

99 100

42 31.4 12.8 19.2#

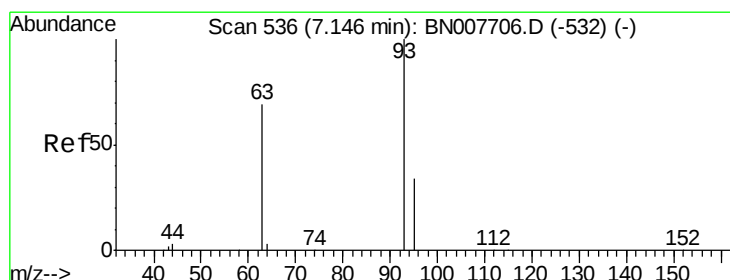
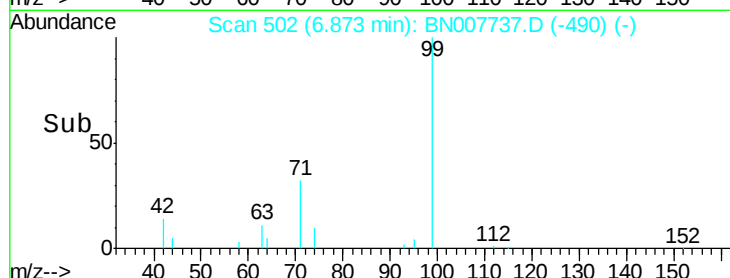
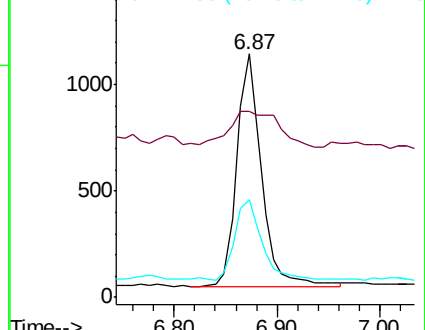
71 37.2 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007737.D (-511) (-)

Ion 42.00 (41.70 to 42.70): BN007737.D (-511) (-)

Ion 71.00 (70.70 to 71.70): BN007737.D (-511) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.377 ng

RT: 7.14 min Scan# 535

Delta R.T. -0.01 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

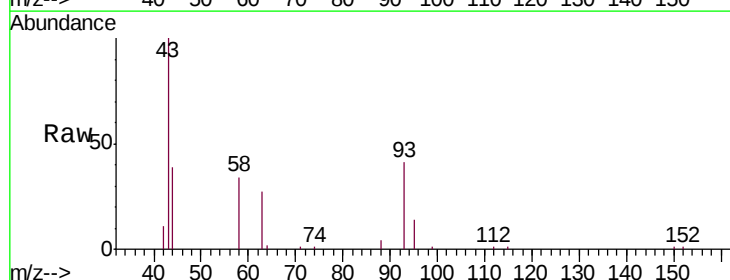
Tgt Ion: 93 Resp: 5947

Ion Ratio Lower Upper

93 100

63 72.2 59.3 88.9

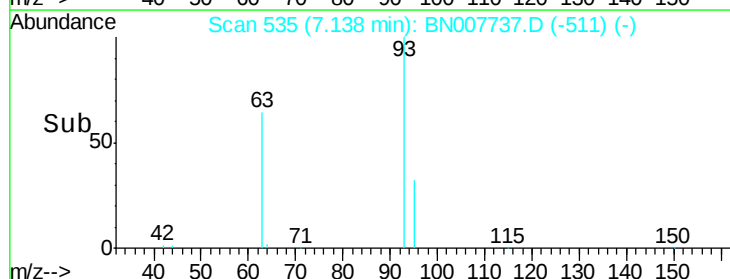
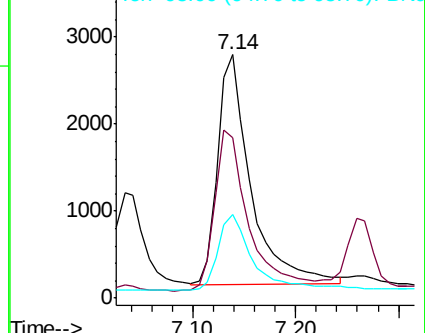
95 36.4 31.4 47.0



Abundance Ion 93.00 (92.70 to 93.70): BN007737.D (-511) (-)

Ion 63.00 (62.70 to 63.70): BN007737.D (-511) (-)

Ion 95.00 (94.70 to 95.70): BN007737.D (-511) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MSD

Tgt Ion:136 Resp: 21243

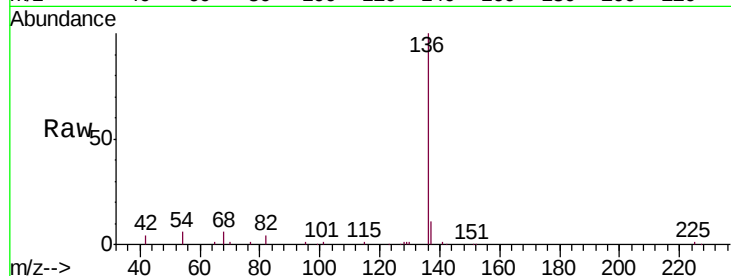
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 5.7 5.8 8.8#

68 6.4 6.5 9.7#

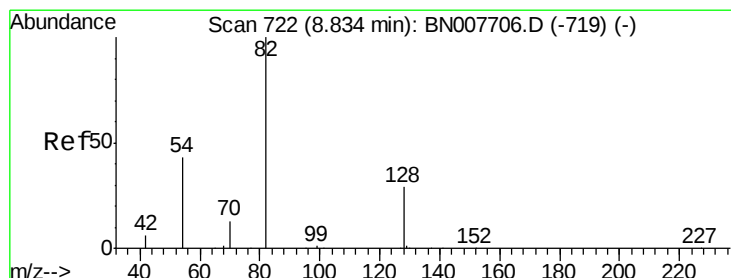
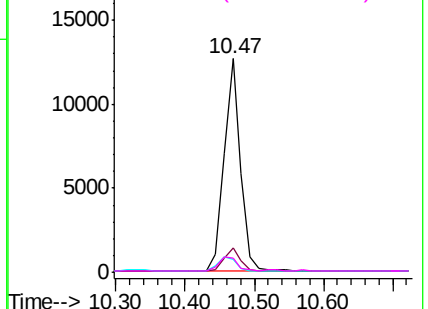
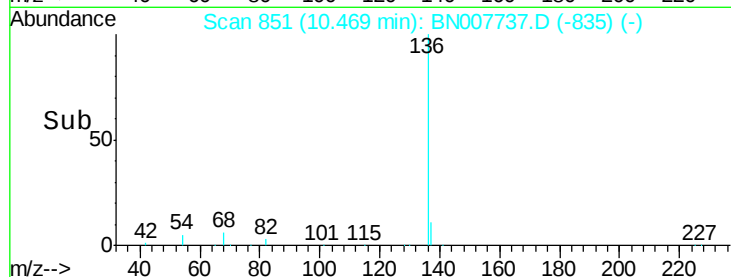


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.341 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

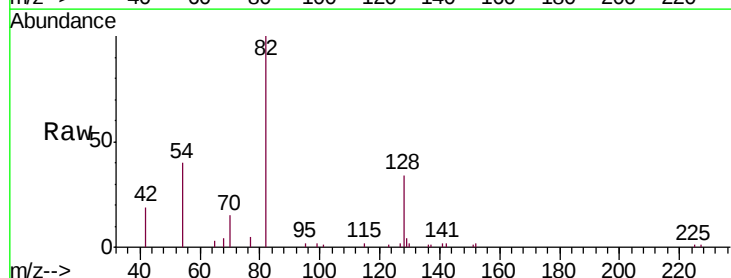
Tgt Ion: 82 Resp: 6336

Ion Ratio Lower Upper

82 100

128 34.1 24.5 36.7

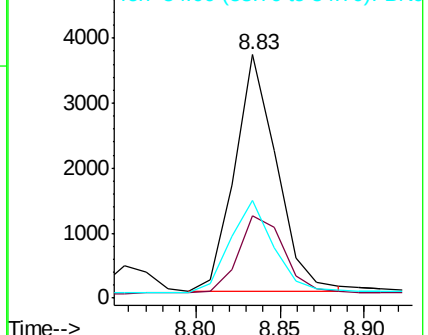
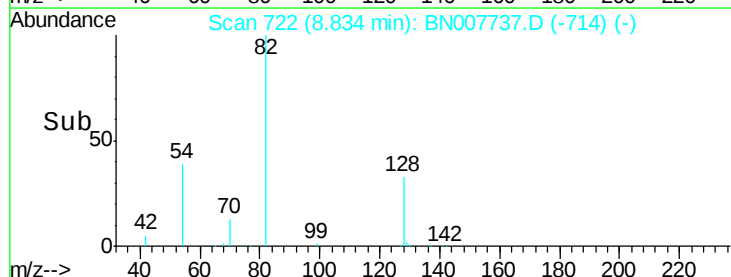
54 40.1 35.2 52.8

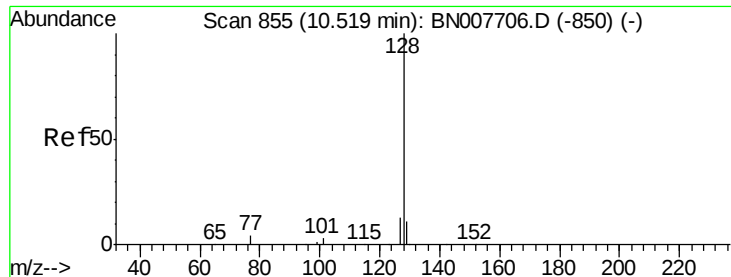


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

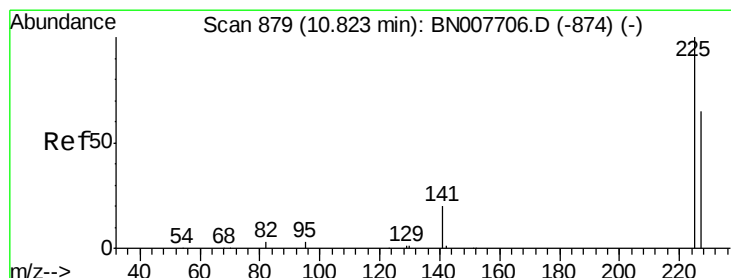
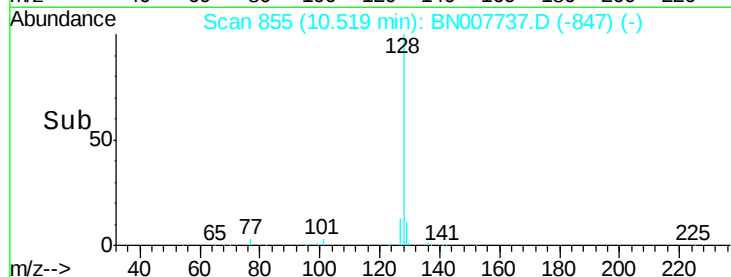
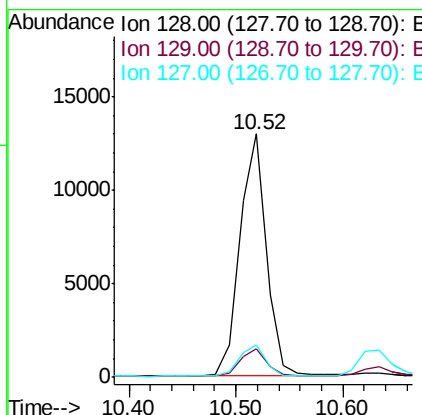
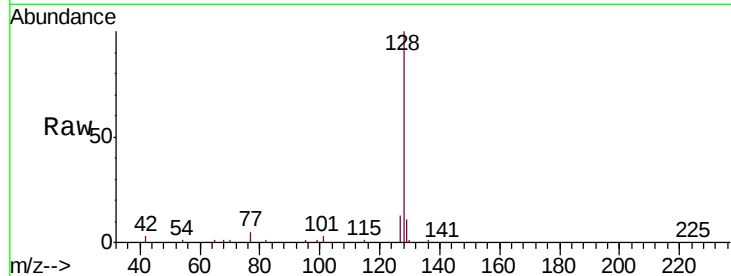




#9
Naphthalene
Concen: 0.372 ng
RT: 10.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: BN007737.D
Acq: 19 Sep 2019 12:49

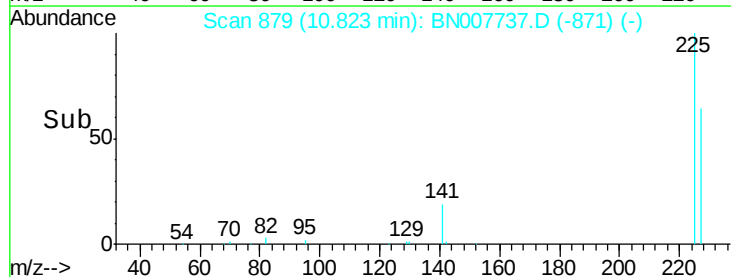
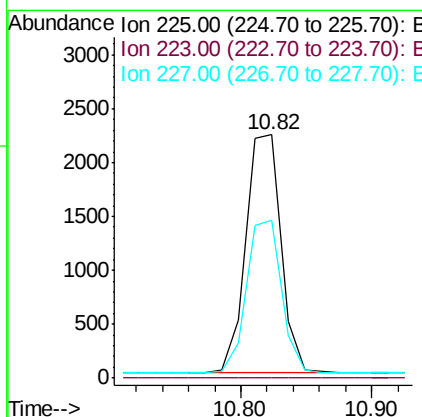
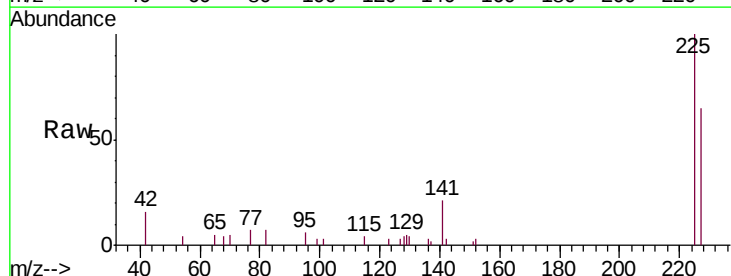
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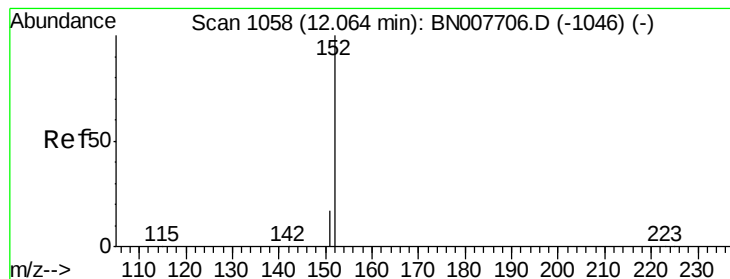
Tgt Ion:128 Resp: 22179
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.2 10.6 15.8



#10
Hexachlorobutadiene
Concen: 0.330 ng
RT: 10.82 min Scan# 879
Delta R.T. 0.00 min
Lab File: BN007737.D
Acq: 19 Sep 2019 12:49

Tgt Ion:225 Resp: 4142
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.8 51.2 76.8





#11

2-Methylnaphthalene-d10

Concen: 0.432 ng

RT: 12.06 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

Instrument :

BNA_N

ClientSampleId :

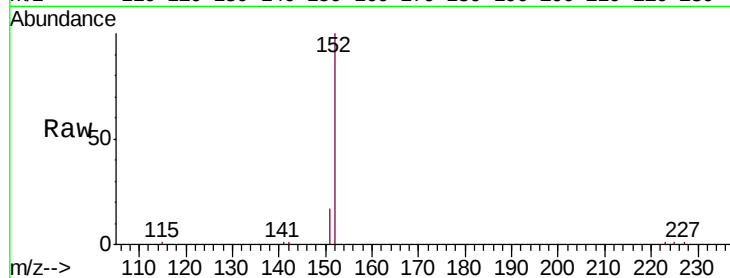
RE123D1-20190912MSD

Tgt Ion:152 Resp: 15478

Ion Ratio Lower Upper

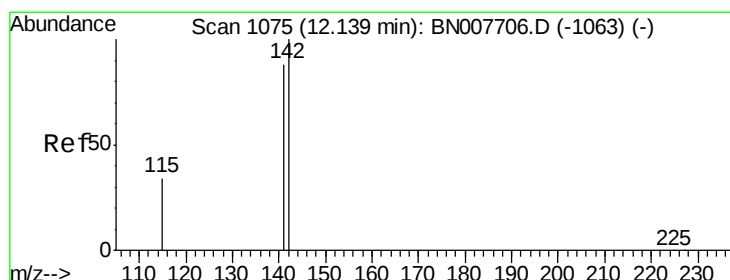
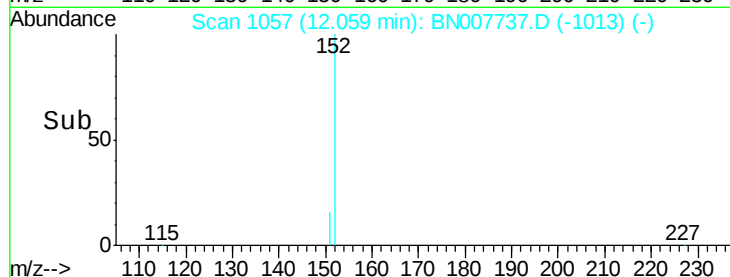
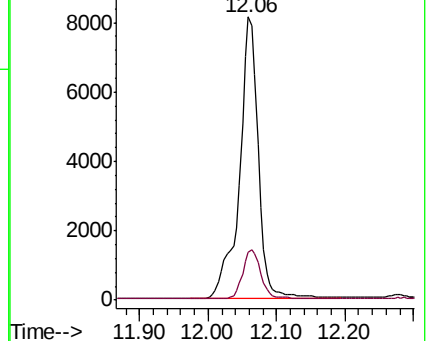
152 100

151 16.4 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: 0.370 ng

RT: 12.13 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

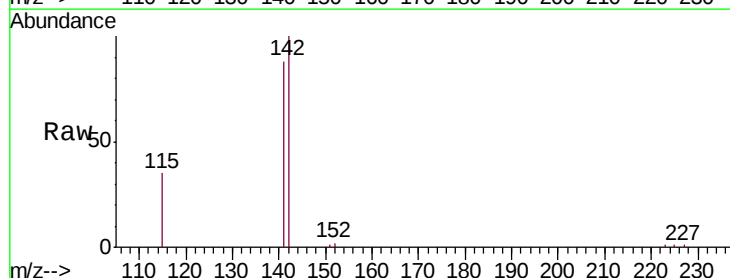
Tgt Ion:142 Resp: 14896

Ion Ratio Lower Upper

142 100

141 88.2 70.6 106.0

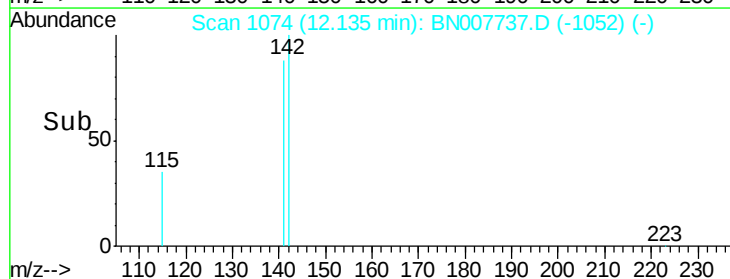
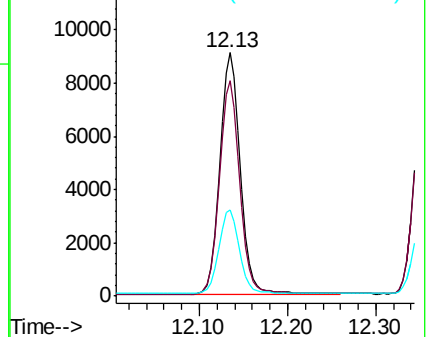
115 35.4 28.3 42.5



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# 1320

Delta R.T. -0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

Instrument :

BNA_N

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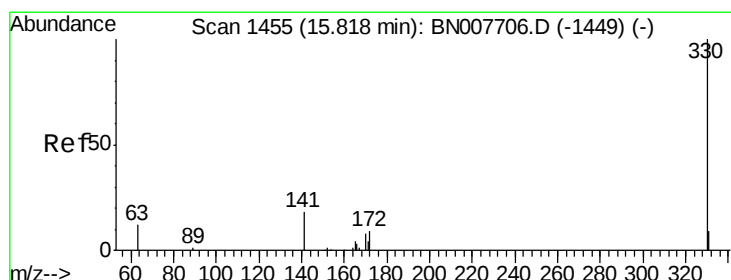
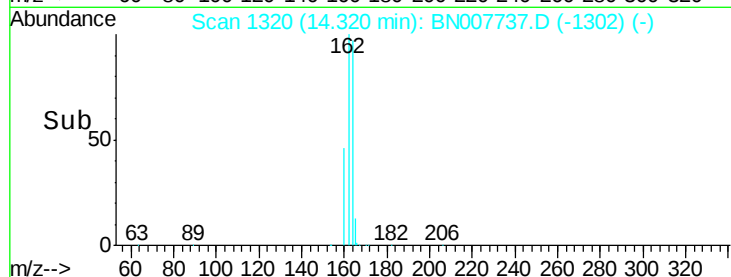
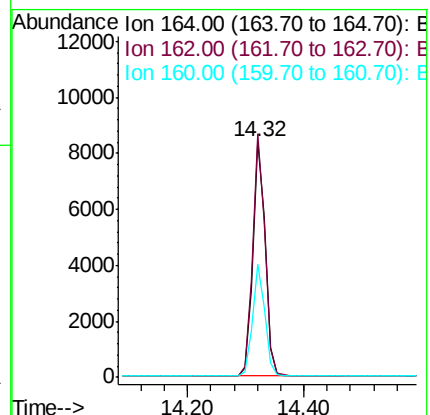
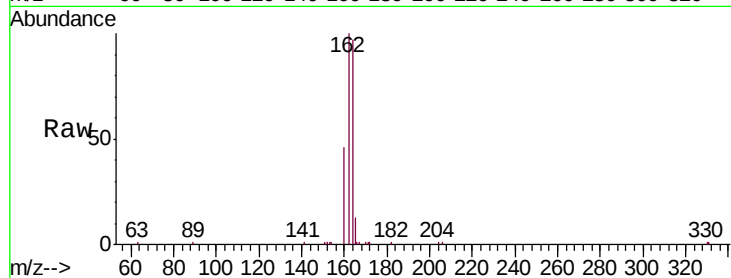
Tgt Ion:164 Resp: 12479

Ion Ratio Lower Upper

164 100

162 103.4 81.7 122.5

160 47.9 37.0 55.4



#14

2,4,6-Tribromophenol

Concen: 0.252 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

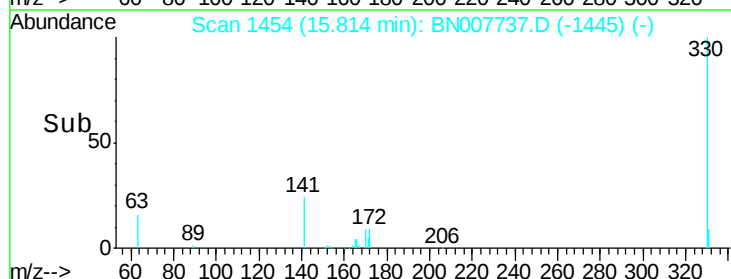
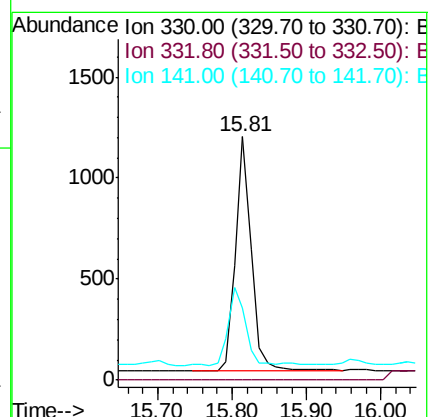
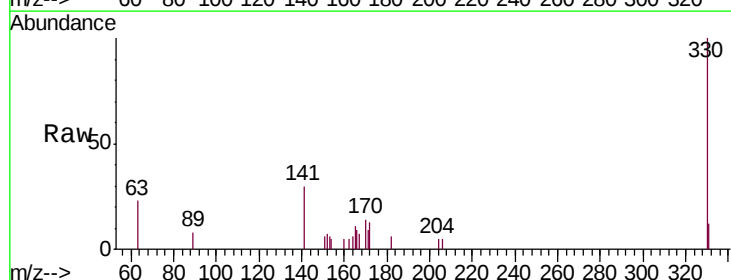
Tgt Ion:330 Resp: 1713

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 36.2 28.7 43.1

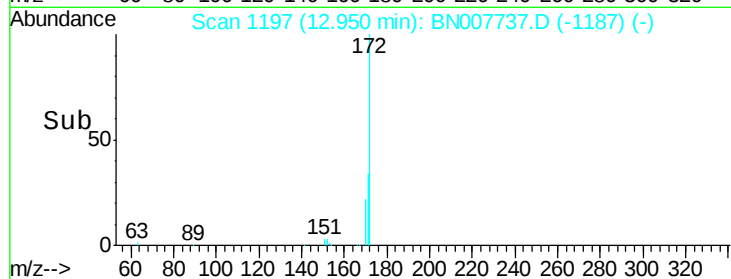
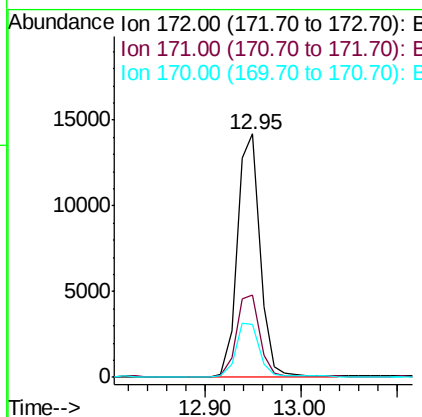
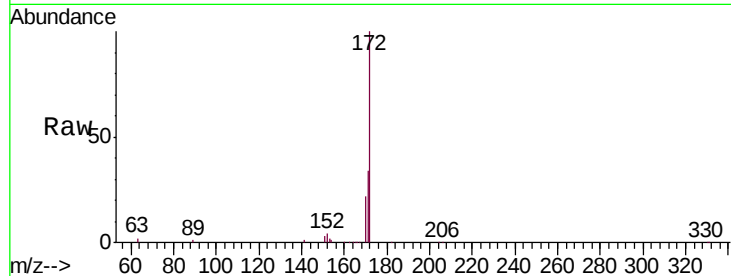




#15
2-Fluorobiphenyl
Concen: 0.453 ng
RT: 12.95 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BN007737.D
Acq: 19 Sep 2019 12:49

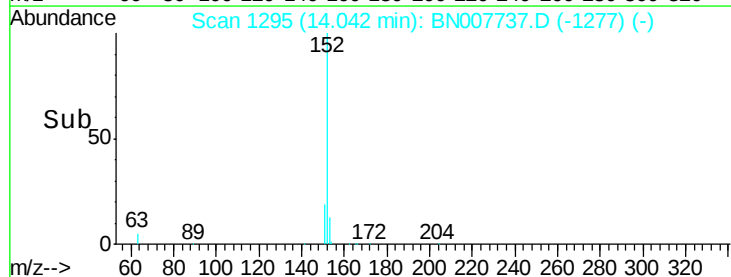
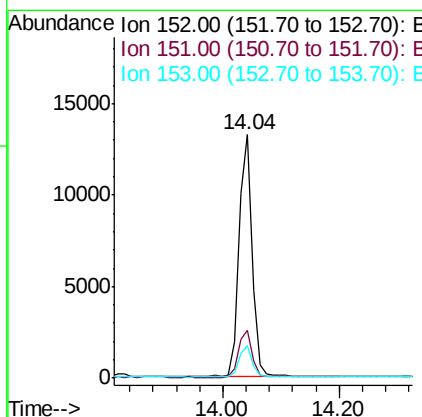
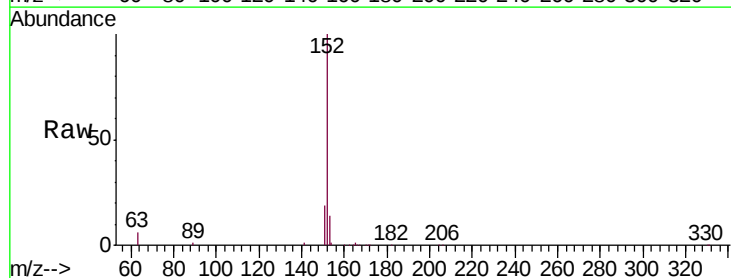
Instrument :
BNA_N
ClientSampleId :
RE123D1-20190912MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.8	43.2
170	22.0	19.5	29.3



#16
Acenaphthylene
Concen: 0.318 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BN007737.D
Acq: 19 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.0	10.4	15.6





#17

Acenaphthene

Concen: 0.333 ng

RT: 14.39 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MSD

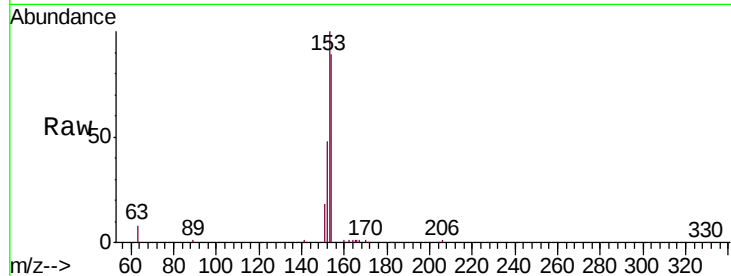
Tgt Ion:154 Resp: 14217

Ion Ratio Lower Upper

154 100

153 111.0 87.0 130.4

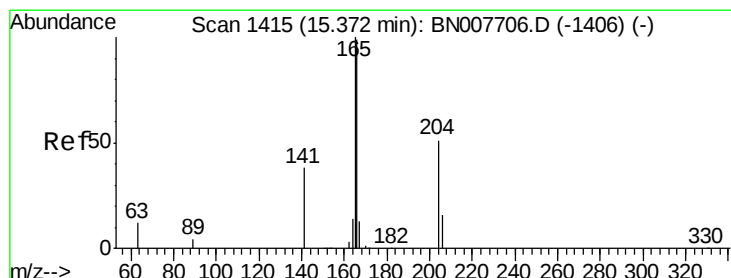
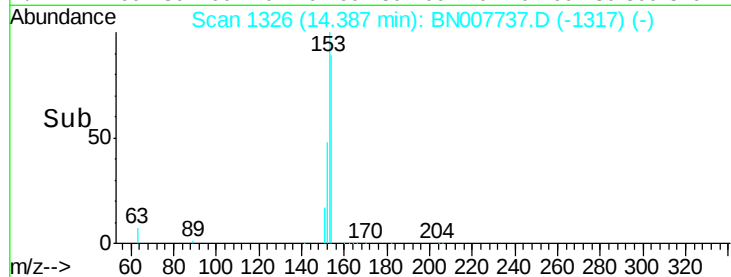
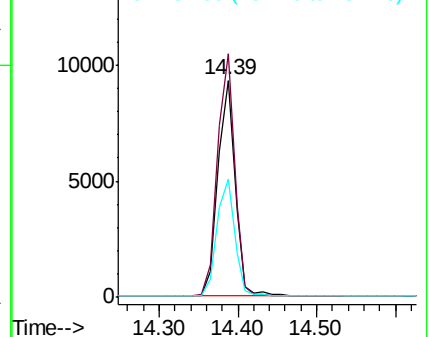
152 55.4 42.7 64.1



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: 0.335 ng

RT: 15.38 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

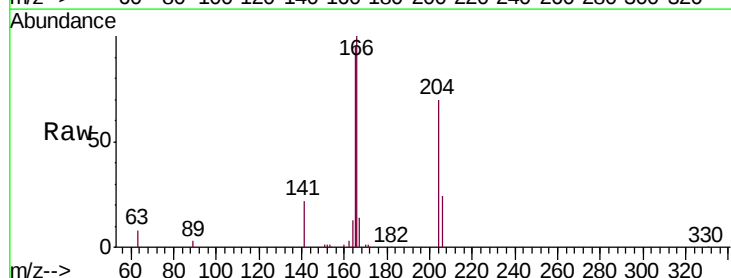
Tgt Ion:166 Resp: 18300

Ion Ratio Lower Upper

166 100

165 97.4 78.0 117.0

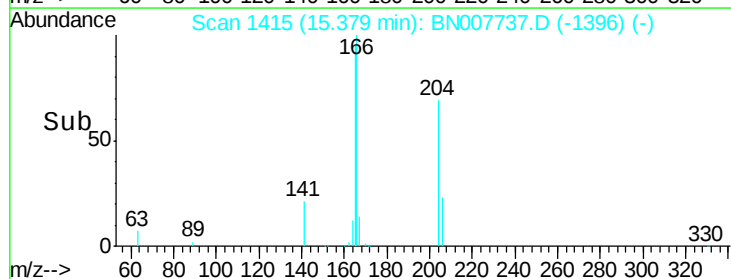
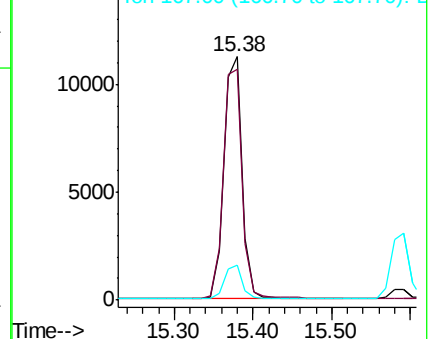
167 13.7 10.9 16.3



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: BN007737.D

Acq: 19 Sep 2019 12:49

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MSD

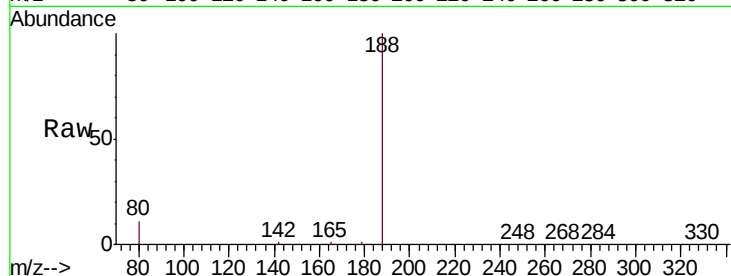
Tgt Ion:188 Resp: 27595

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

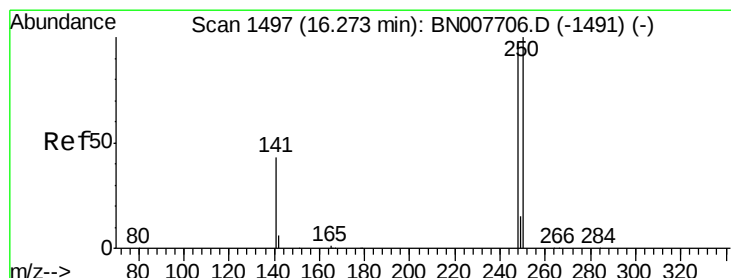
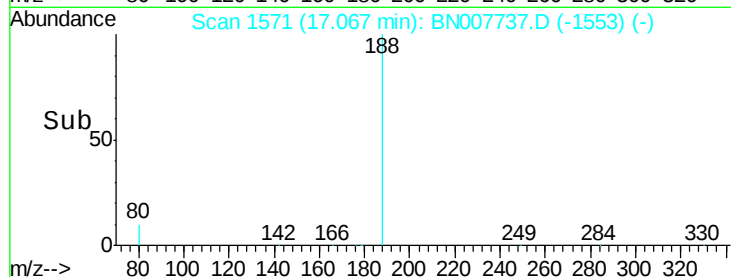
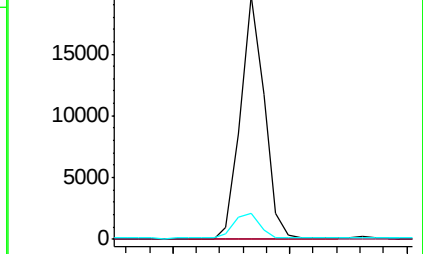
80 10.6 7.4 11.2



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: 0.386 ng

RT: 16.27 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

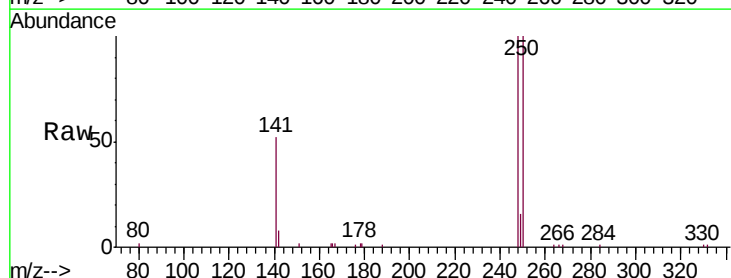
Tgt Ion:248 Resp: 6463

Ion Ratio Lower Upper

248 100

250 99.5 82.2 123.4

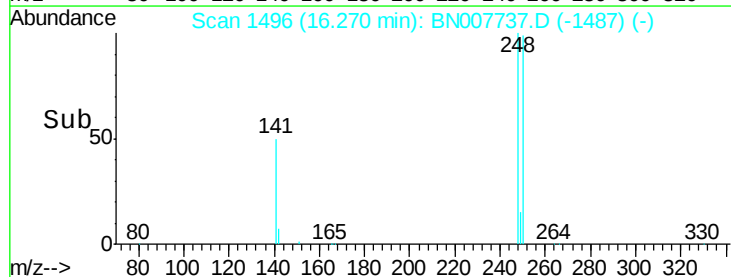
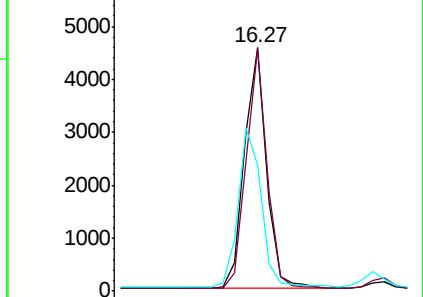
141 51.5 36.3 54.5



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: 0.363 ng

RT: 16.39 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MSD

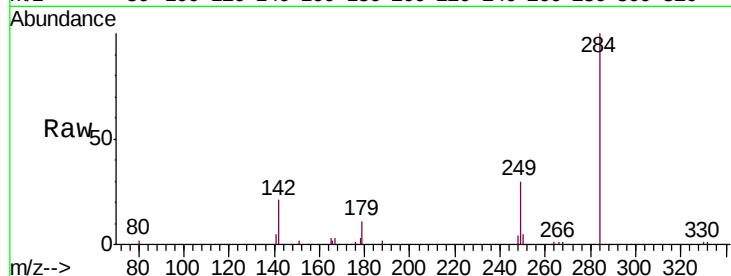
Tgt Ion:284 Resp: 6653

Ion Ratio Lower Upper

284 100

142 33.7 25.8 38.6

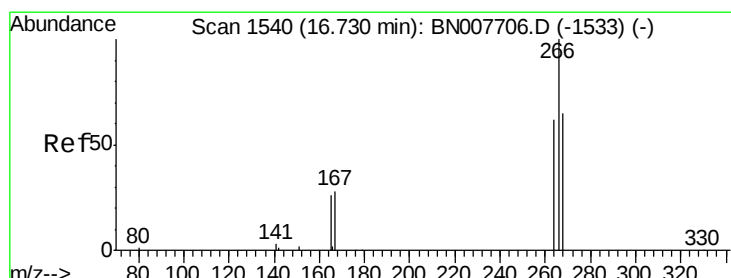
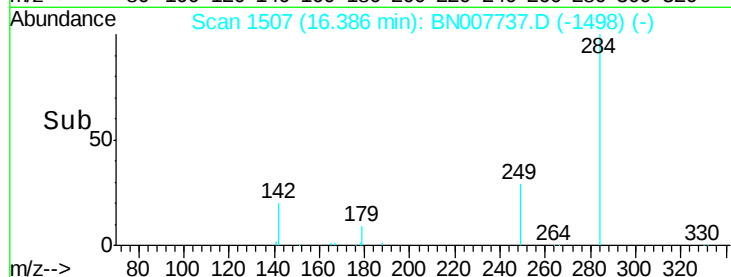
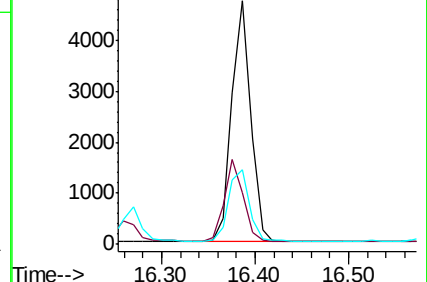
249 32.0 25.9 38.9



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: 0.324 ng

RT: 16.73 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

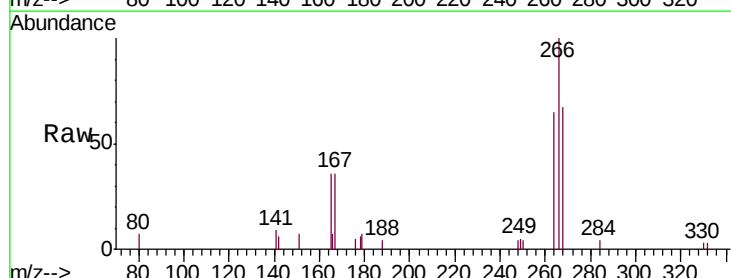
Tgt Ion:266 Resp: 2188

Ion Ratio Lower Upper

266 100

264 64.5 50.0 75.0

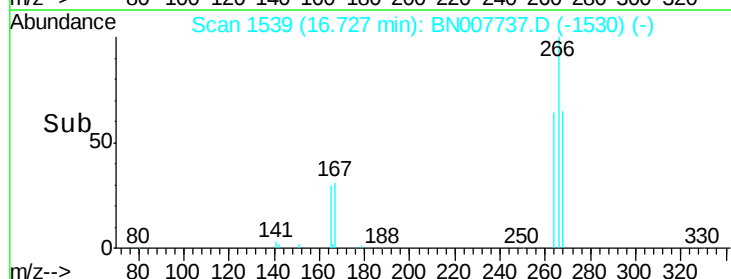
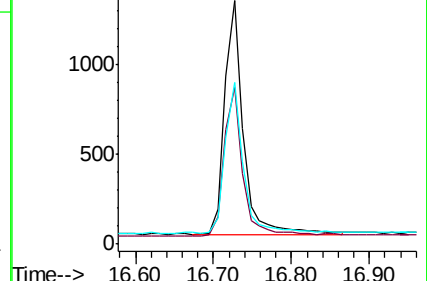
268 66.6 54.2 81.4

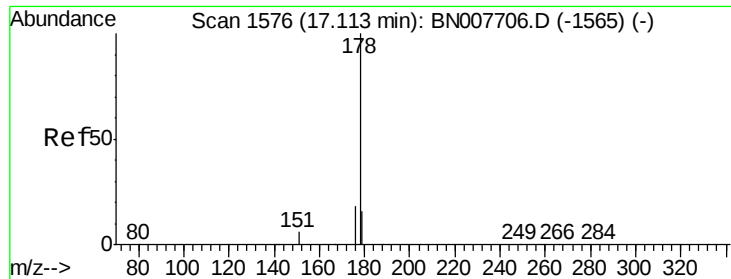


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.377 ng

RT: 17.11 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MSD

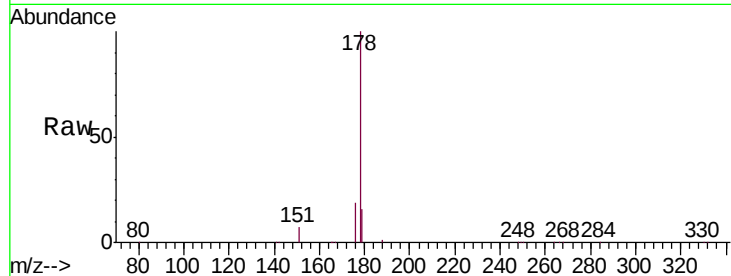
Tgt Ion:178 Resp: 32387

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

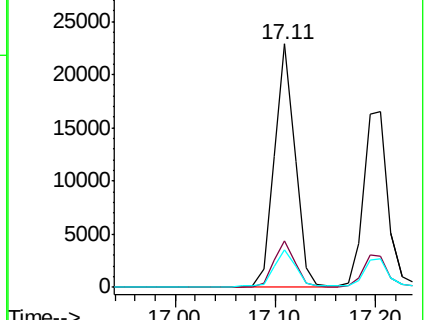
179 15.7 12.5 18.7



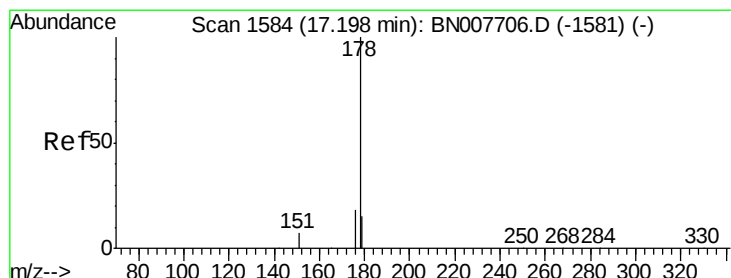
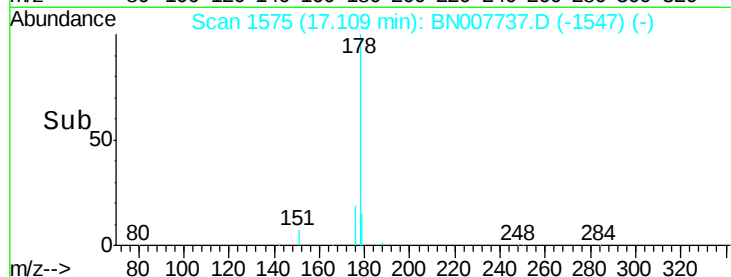
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.358 ng

RT: 17.20 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

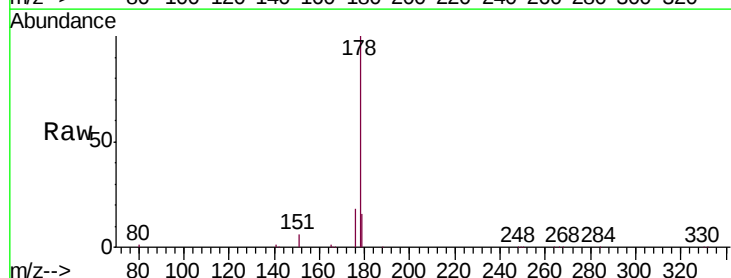
Tgt Ion:178 Resp: 27806

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

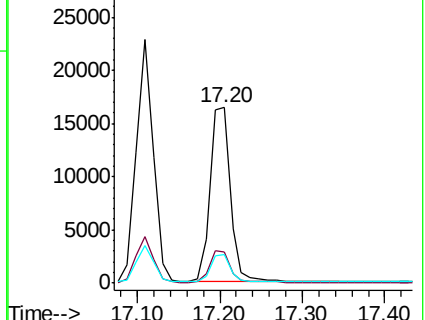
179 15.4 12.2 18.4



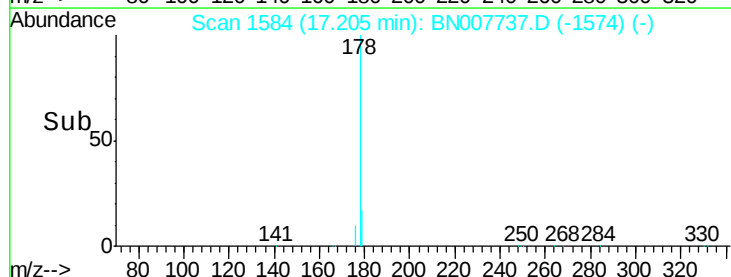
Abundance Ion 178.00 (177.70 to 178.70): E

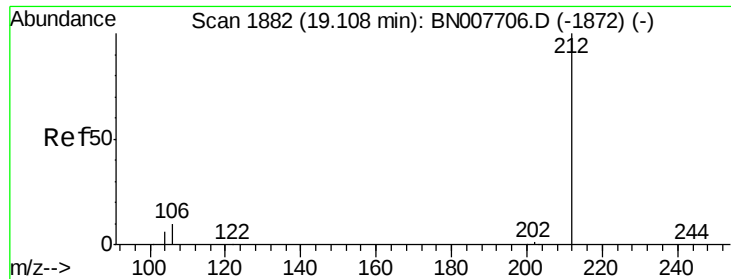
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.378 ng

RT: 19.10 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MSD

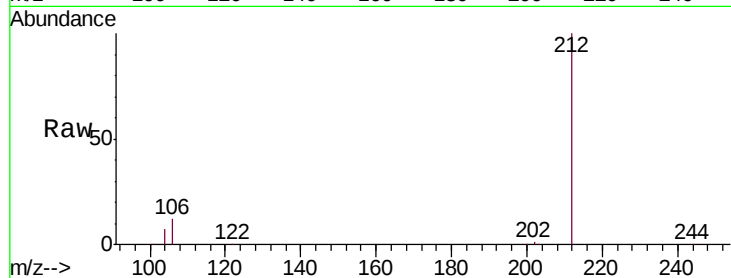
Tgt Ion:212 Resp: 35124

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.0

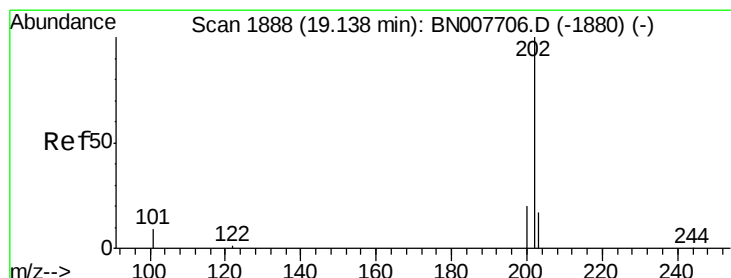
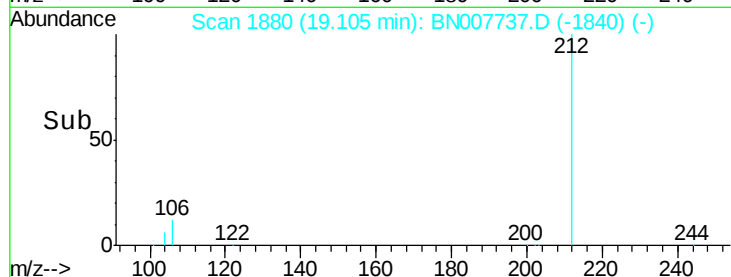
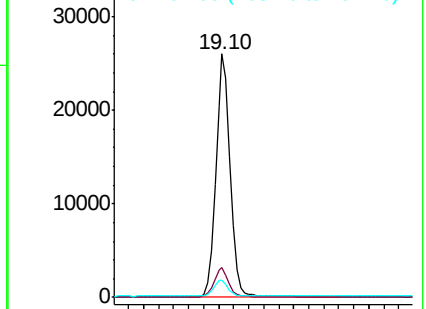
104 6.8 5.3 7.9



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: 0.362 ng

RT: 19.13 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

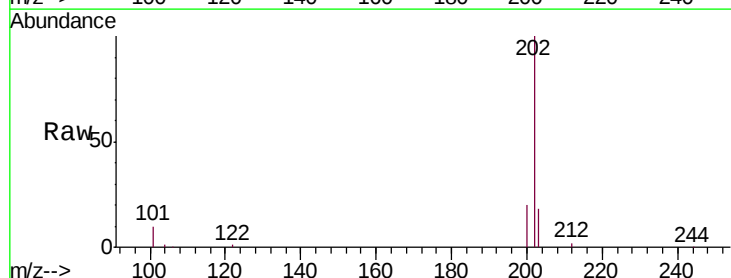
Tgt Ion:202 Resp: 38733

Ion Ratio Lower Upper

202 100

101 10.8 8.4 12.6

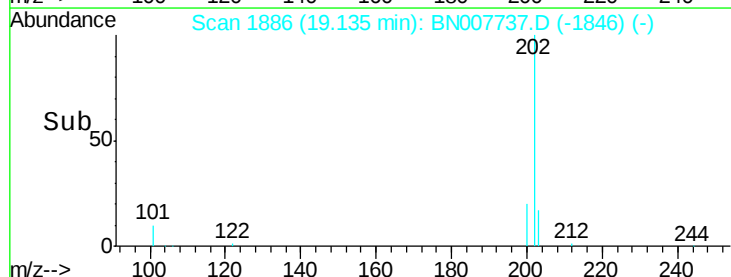
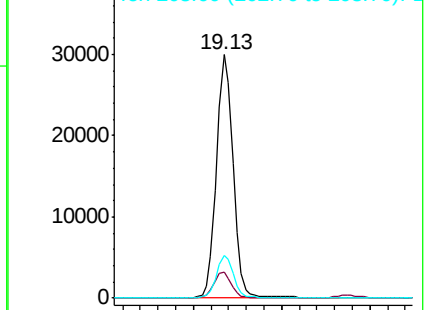
203 17.4 13.8 20.8



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# 2181

Delta R.T. 0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MSD

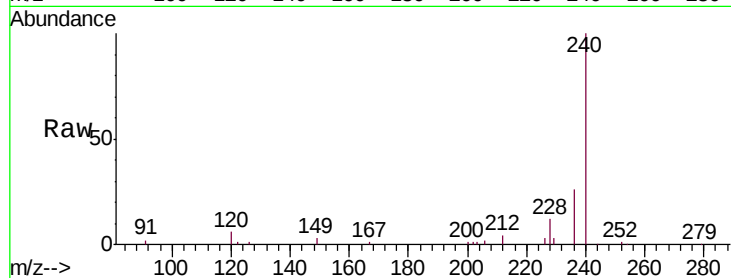
Tgt Ion:240 Resp: 30970

Ion Ratio Lower Upper

240 100

120 6.1 5.4 8.2

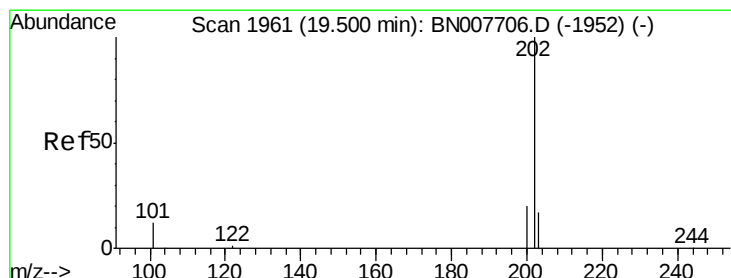
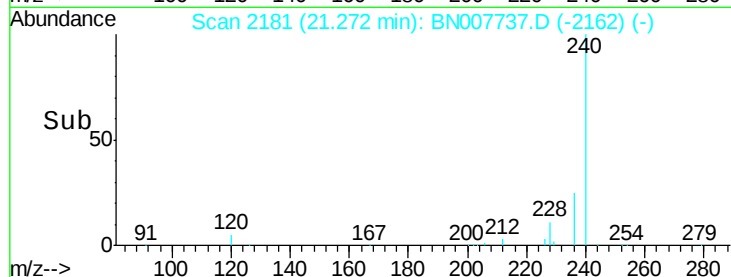
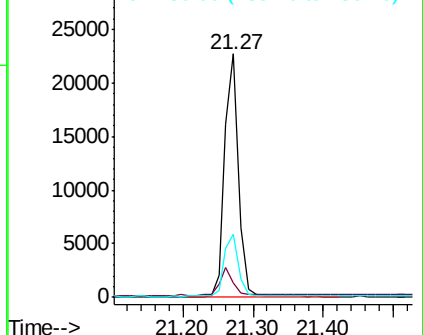
236 25.8 21.0 31.4



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: 0.371 ng

RT: 19.50 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

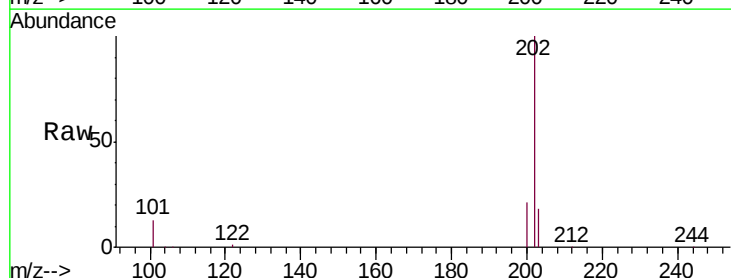
Tgt Ion:202 Resp: 39172

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

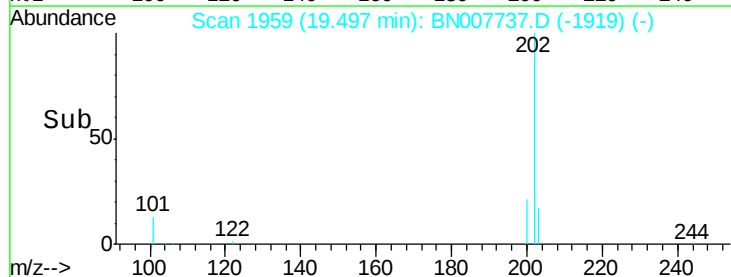
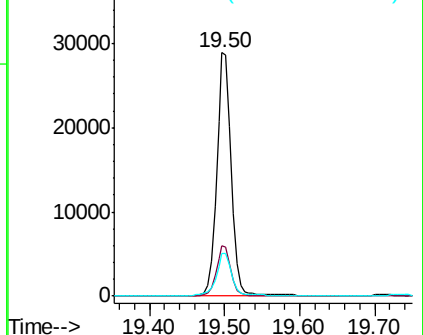
203 17.8 14.1 21.1

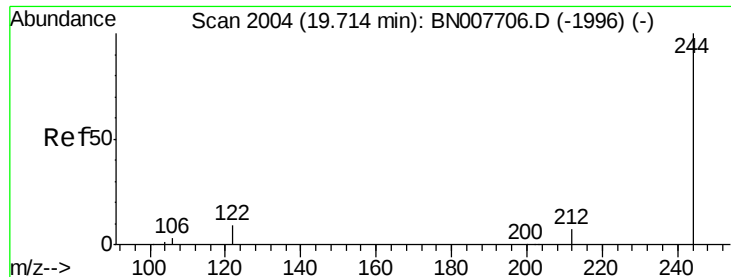


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.468 ng

RT: 19.71 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MSD

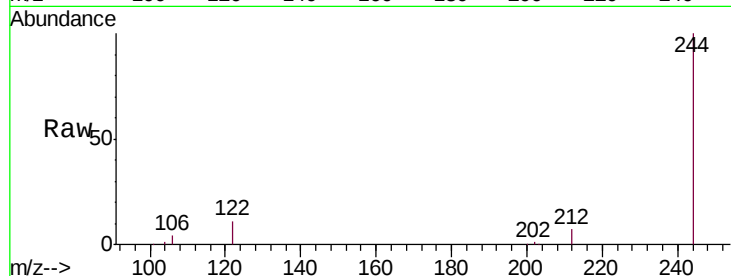
Tgt Ion:244 Resp: 35630

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

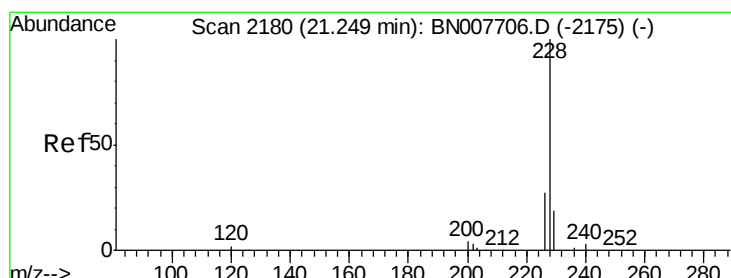
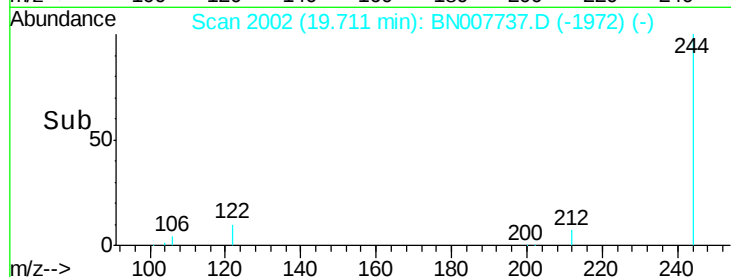
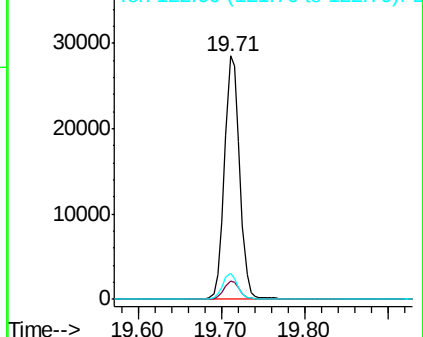
122 10.7 7.4 11.2



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: 0.343 ng

RT: 21.25 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

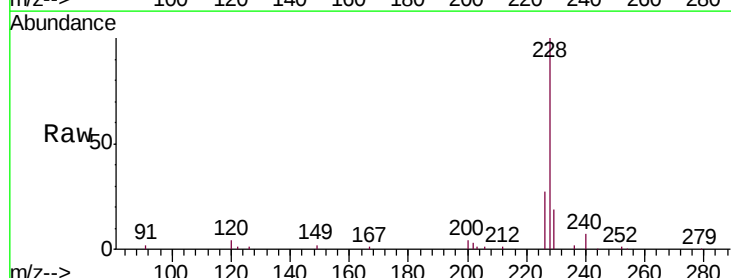
Tgt Ion:228 Resp: 39091

Ion Ratio Lower Upper

228 100

226 27.0 22.1 33.1

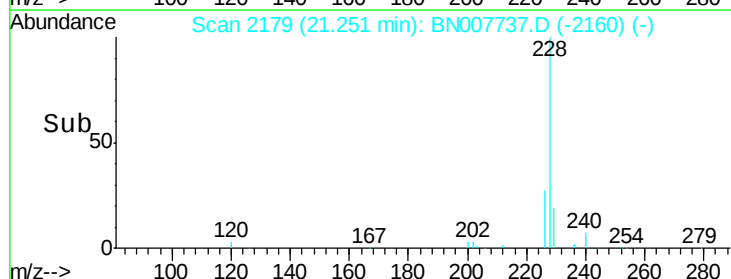
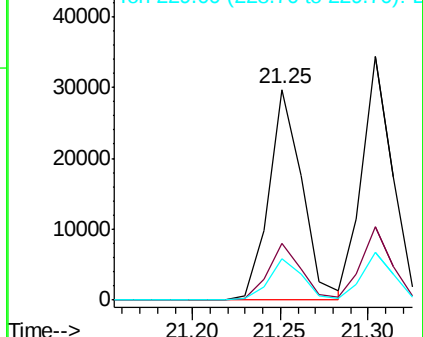
229 19.5 15.8 23.6



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





#31

Chrysene

Concen: 0.369 ng

RT: 21.30 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MSD

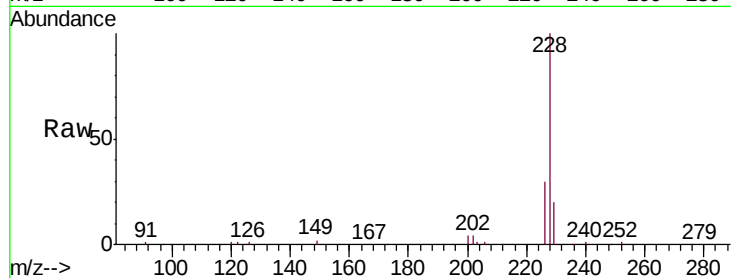
Tgt Ion:228 Resp: 41067

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

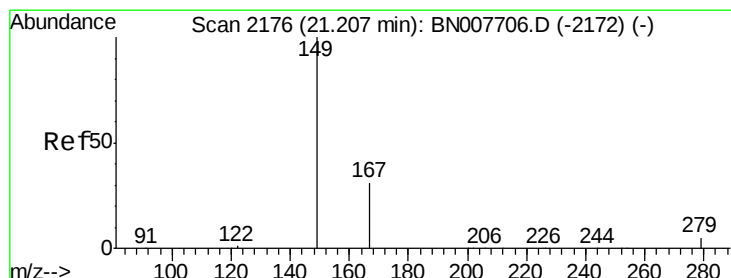
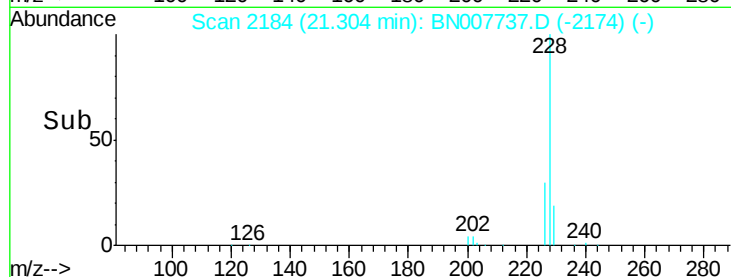
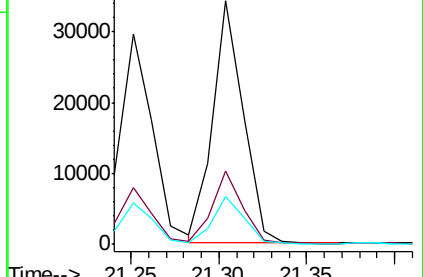
229 19.7 15.8 23.6



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: 0.243 ng

RT: 21.20 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

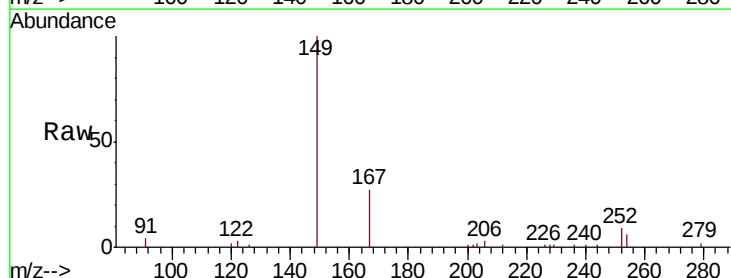
Tgt Ion:149 Resp: 14244

Ion Ratio Lower Upper

149 100

167 29.3 23.7 35.5

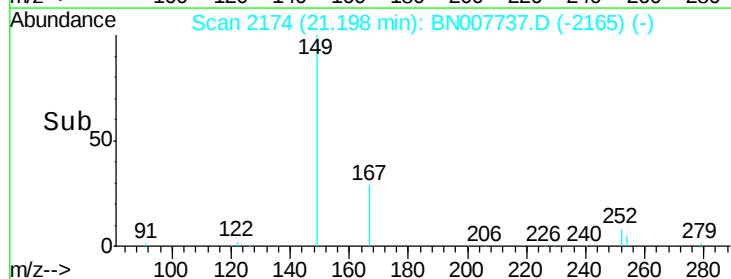
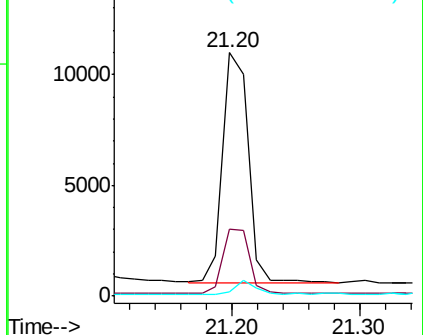
279 4.9 4.2 6.2



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: 0.347 ng

RT: 25.70 min Scan# 3251

Delta R.T. -0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MSD

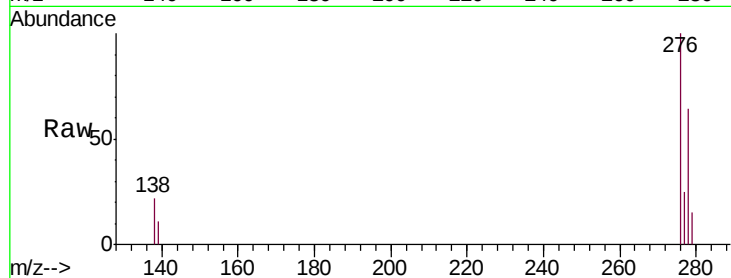
Tgt Ion:276 Resp: 48240

Ion Ratio Lower Upper

276 100

138 22.7 17.1 25.7

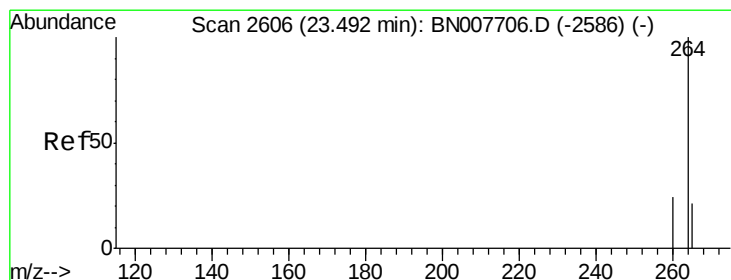
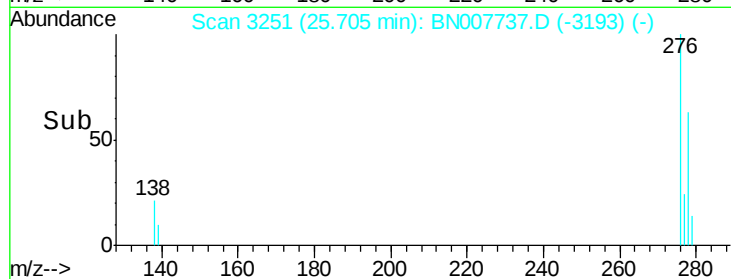
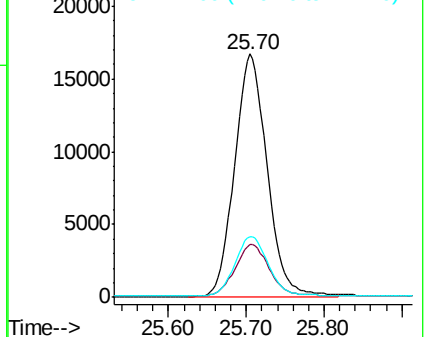
277 25.2 20.0 30.0



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# 2604

Delta R.T. -0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

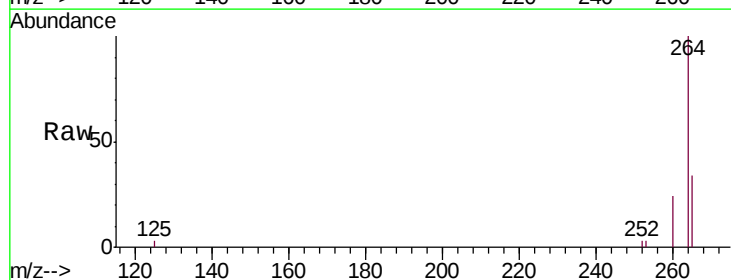
Tgt Ion:264 Resp: 33728

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

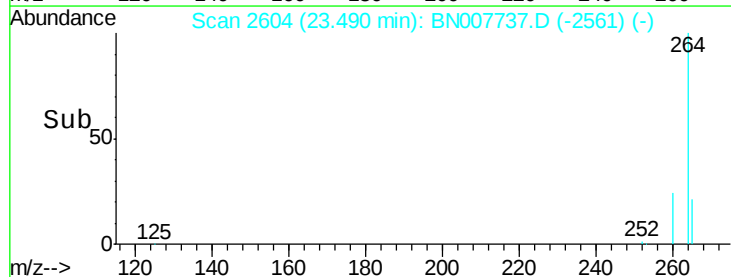
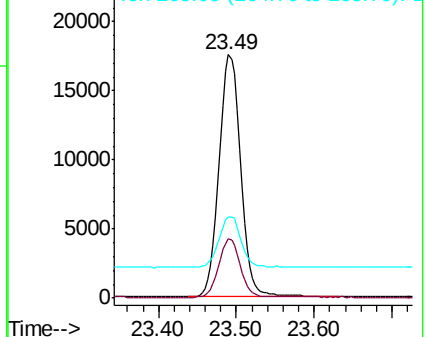
265 33.5 26.9 40.3



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: 0.364 ng

RT: 22.83 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MSD

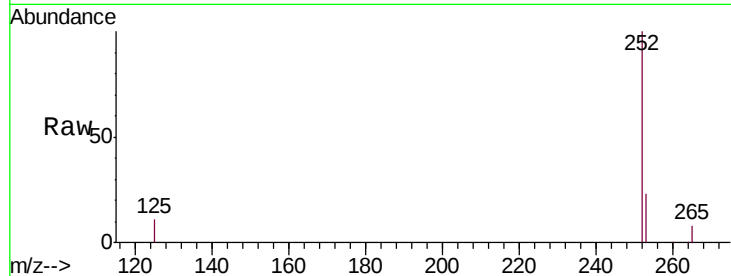
Tgt Ion:252 Resp: 42564

Ion Ratio Lower Upper

252 100

253 23.2 18.3 27.5

125 10.5 8.2 12.4

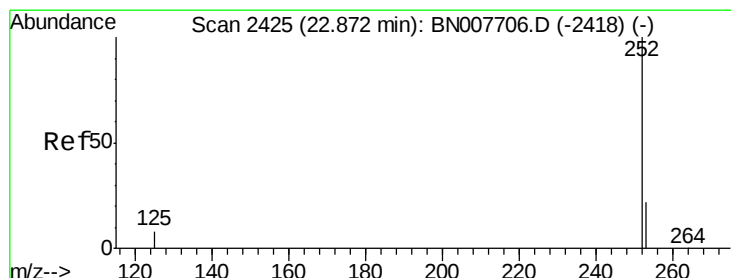
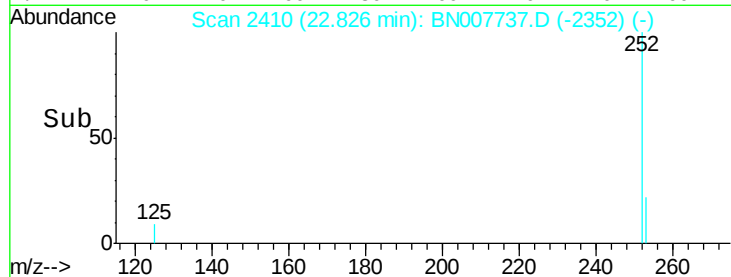
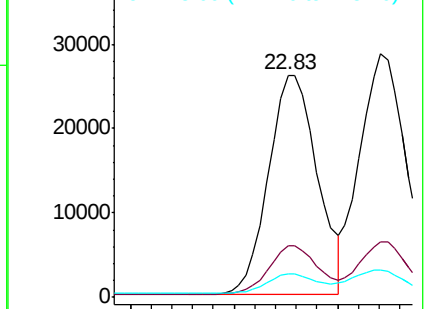


Abundance

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: 0.392 ng

RT: 22.87 min Scan# 2423

Delta R.T. -0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

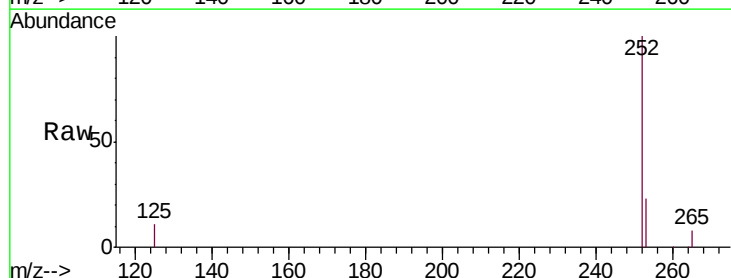
Tgt Ion:252 Resp: 45427

Ion Ratio Lower Upper

252 100

253 22.9 18.5 27.7

125 11.0 8.4 12.6

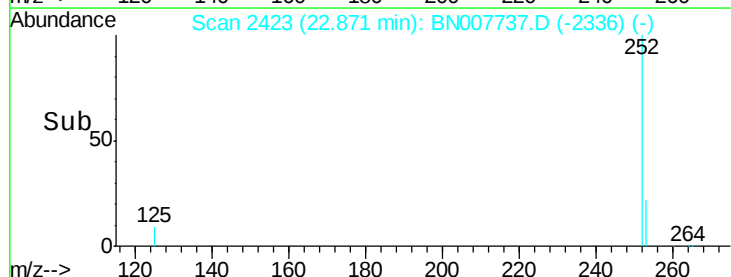
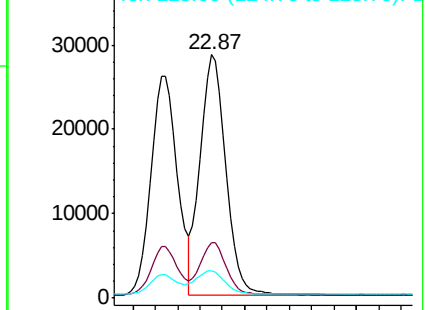


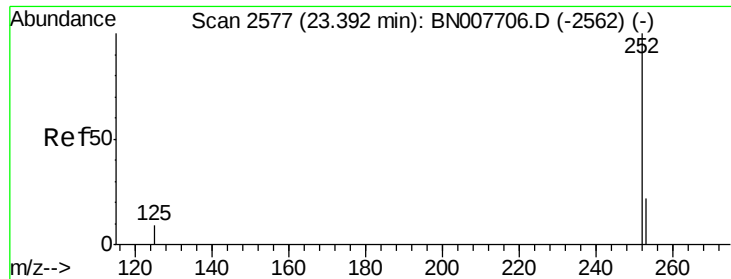
Abundance

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: 0.349 ng

RT: 23.39 min Scan# 2576

Delta R.T. 0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MSD

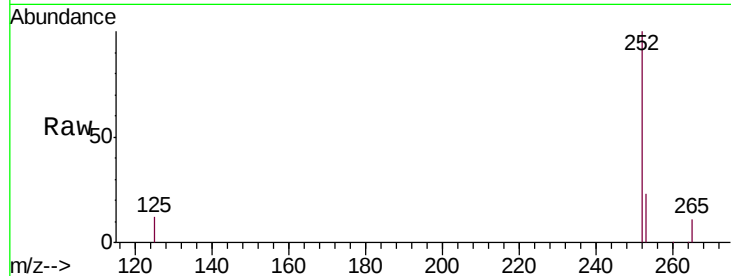
Tgt Ion:252 Resp: 38383

Ion Ratio Lower Upper

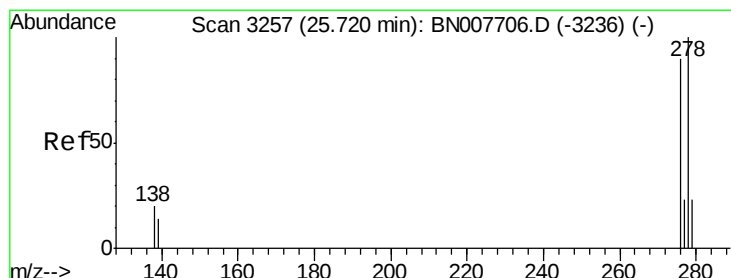
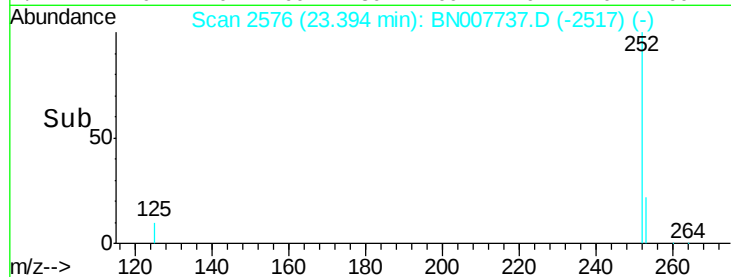
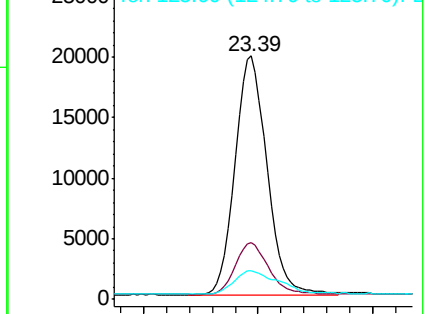
252 100

253 23.3 18.6 27.8

125 12.0 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: 0.357 ng

RT: 25.72 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BN007737.D

Acq: 19 Sep 2019 12:49

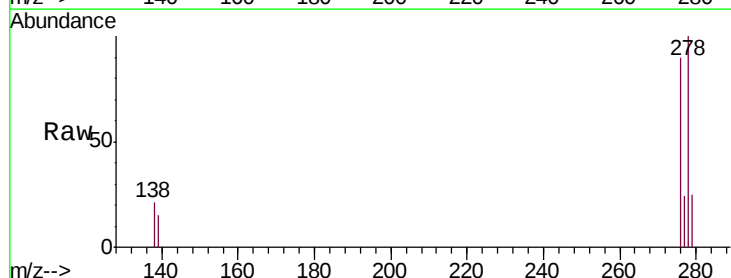
Tgt Ion:278 Resp: 40151

Ion Ratio Lower Upper

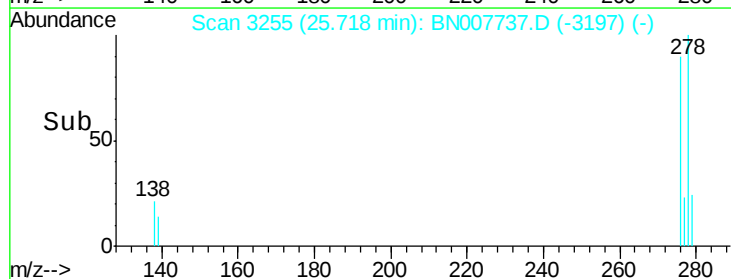
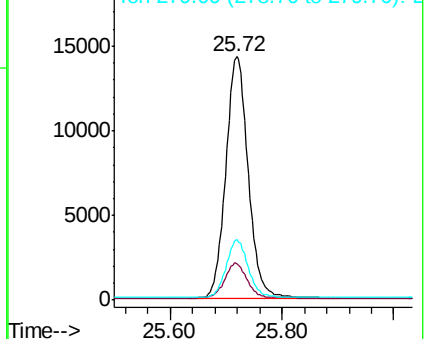
278 100

139 15.0 11.8 17.6

279 24.7 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(g,h,i)perylene

Concen: 0.365 ng

RT: 26.38 min Scan# 3447

Delta R.T. -0.01 min

Lab File: BN007737.D

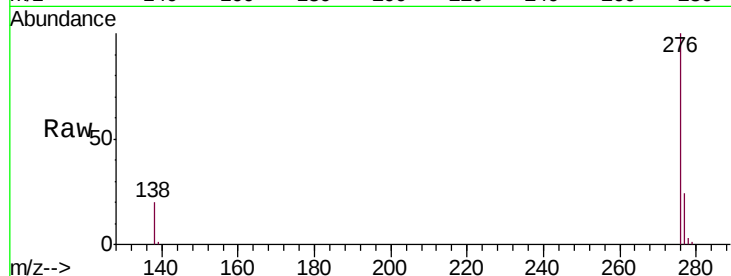
Acq: 19 Sep 2019 12:49

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MSD



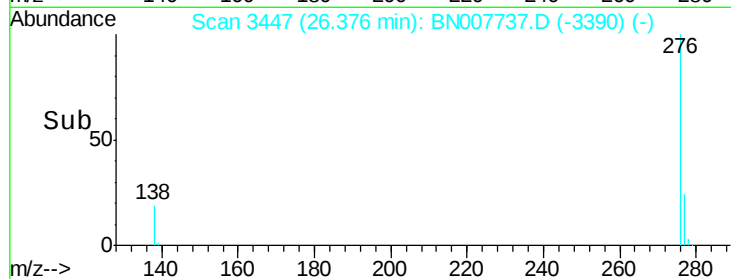
Tgt Ion: 276 Resp: 40619

Ion Ratio Lower Upper

276 100

277 24.4 19.8 29.8

138 19.9 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

