

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 :
 PB123061BSD

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

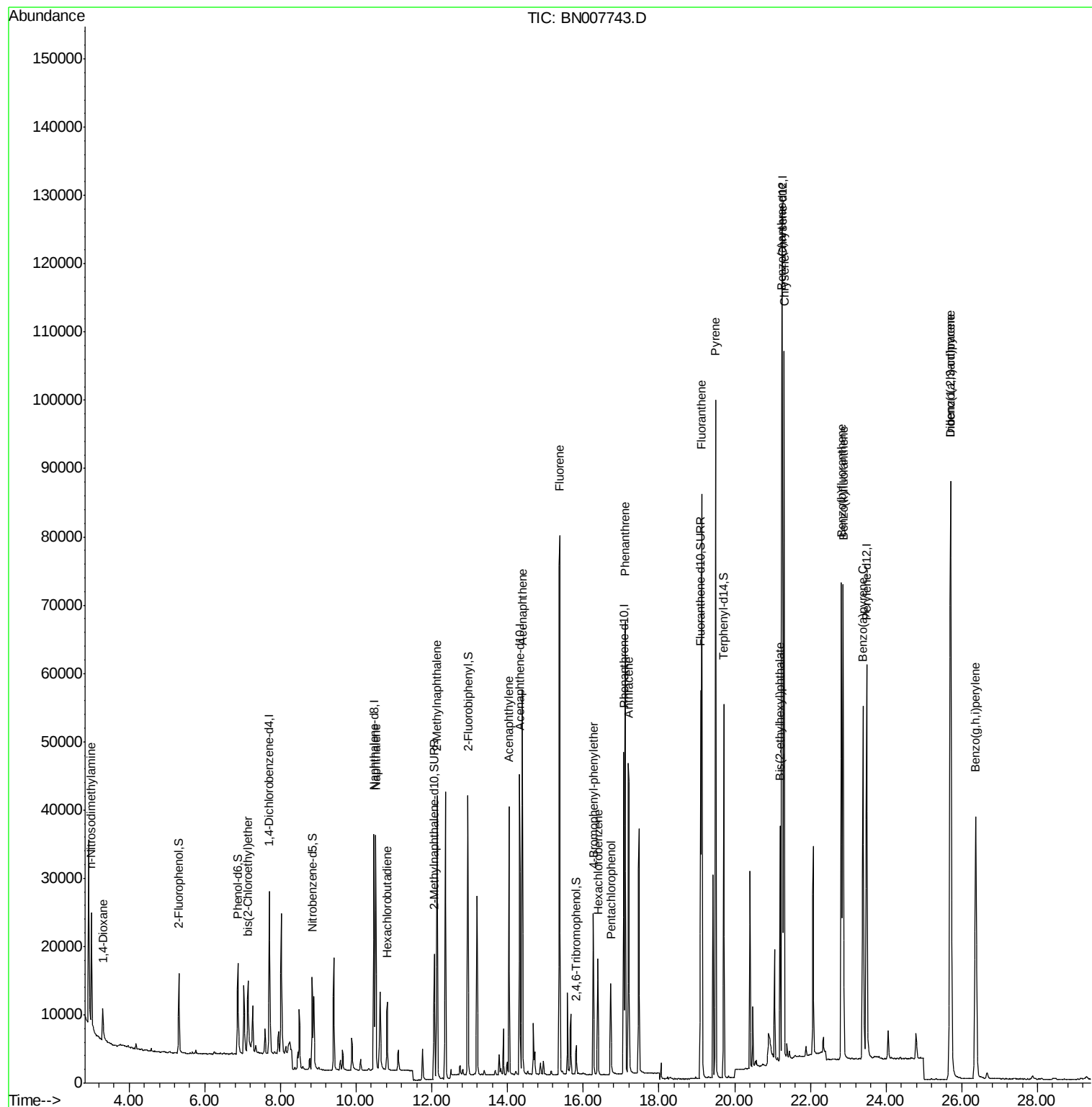
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	4107	0.338	ng	# 83
3) n-Nitrosodimethylamine	3.01	42	1913	0.343	ng	# 88
6) bis(2-Chloroethyl)ether	7.14	93	10899	0.353	ng	98
9) Naphthalene	10.52	128	44646	0.359	ng	99
10) Hexachlorobutadiene	10.82	225	8796	0.336	ng	# 99
12) 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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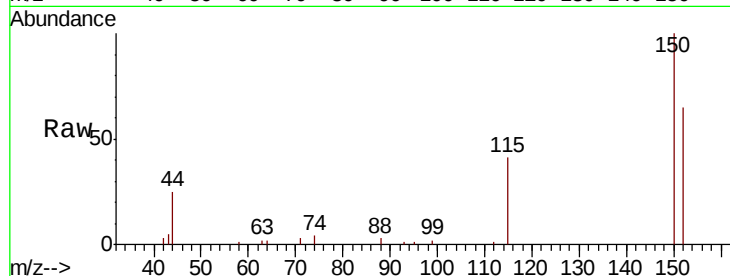


#1

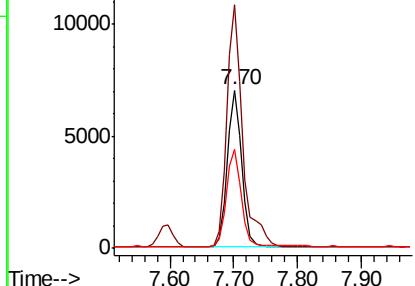
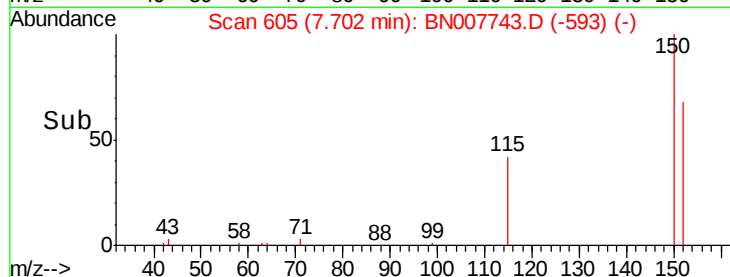
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. 0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :
PB123061BSD

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



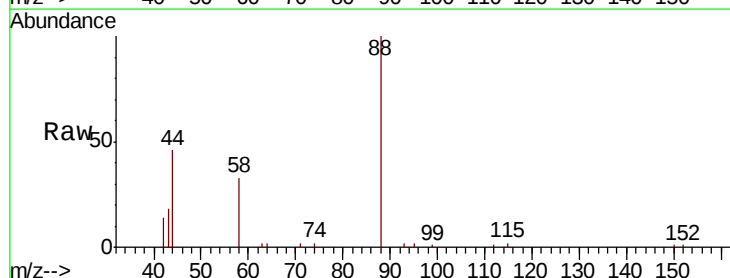
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



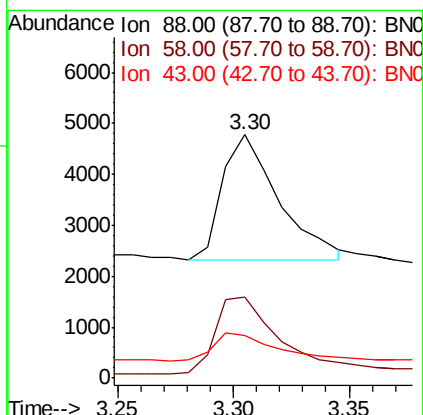
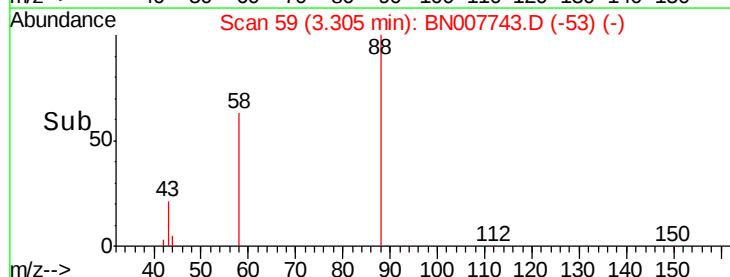
#2

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

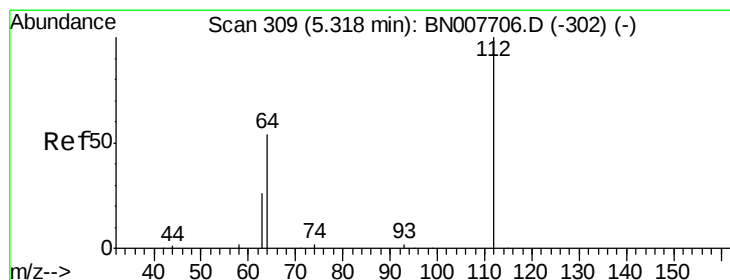
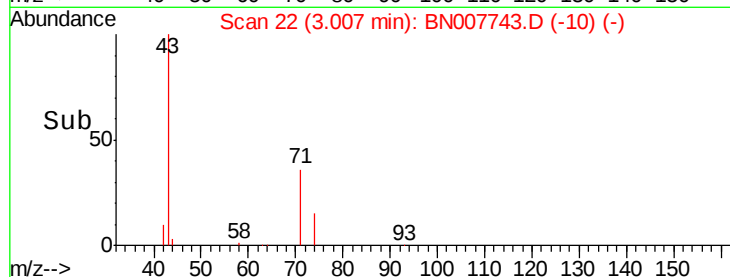
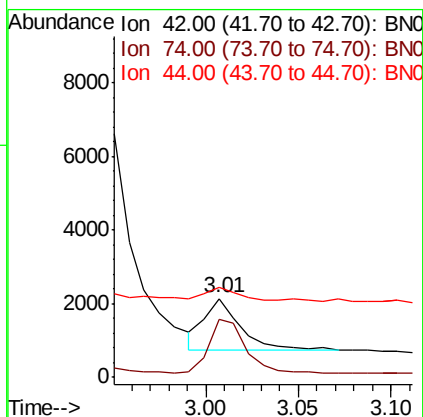
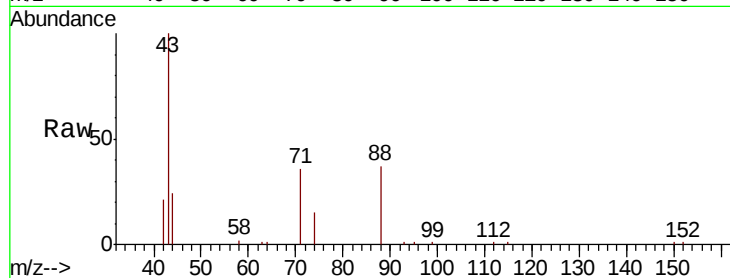




#3
n-Nitrosodimethylamine
Concen: 0.343 ng
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

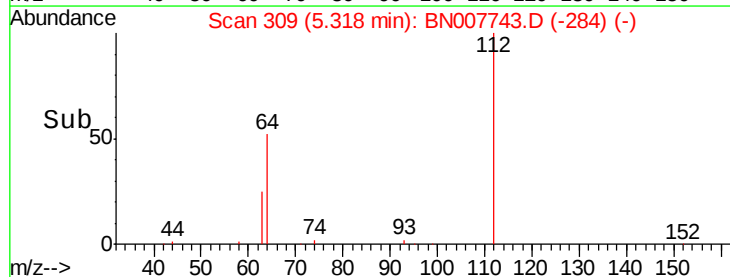
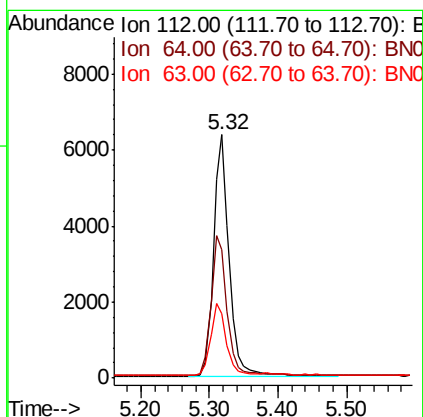
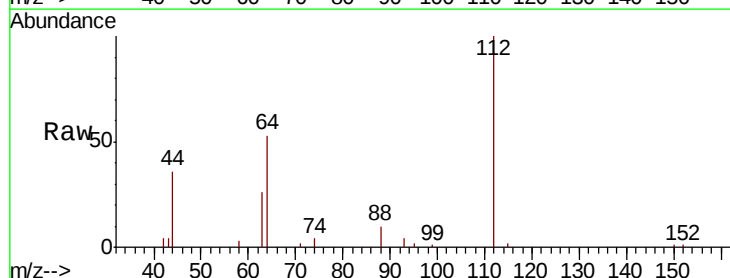
Instrument :
BNA_N
ClientSampleId :
PB123061BSD

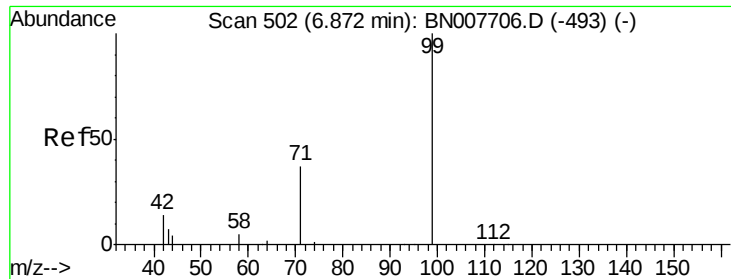
Tot Ion: 42 Resp: 1913
Ion Ratio Lower Upper
42 100
74 102.1 87.9 131.9
44 20.5 29.4 44.0#



#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





#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

ClientSampleId :

PB123061BSD

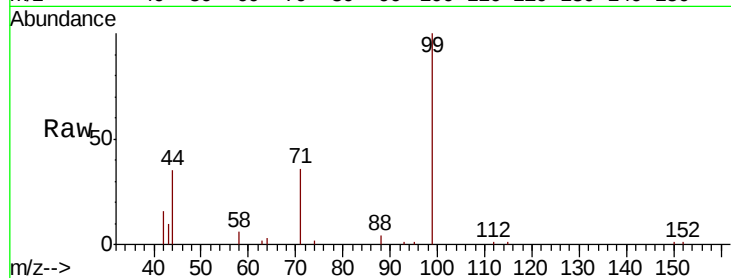
Tot Ion: 99 Resp: 13849

Ion Ratio Lower Upper

99 100

42 14.6 12.8 19.2

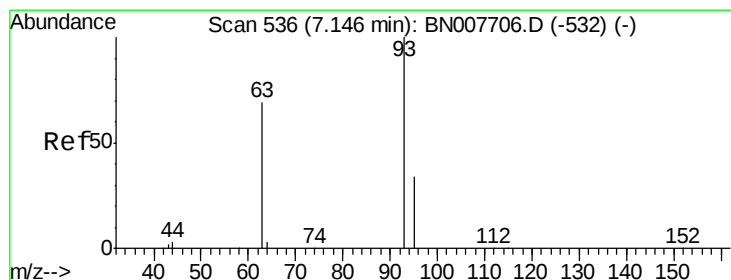
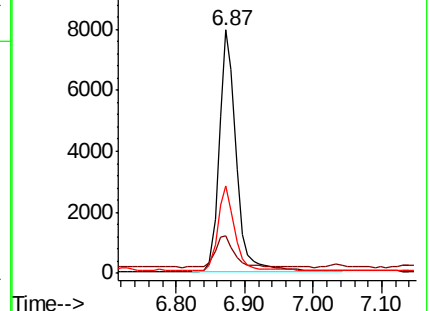
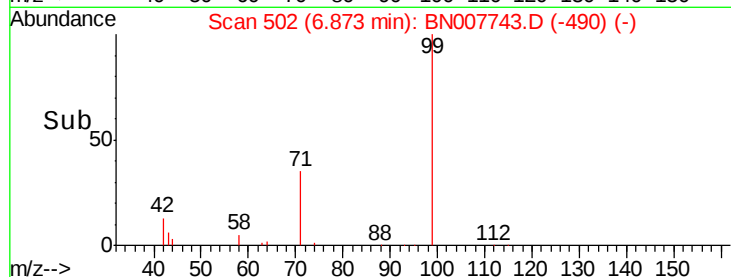
71 35.2 27.6 41.4



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

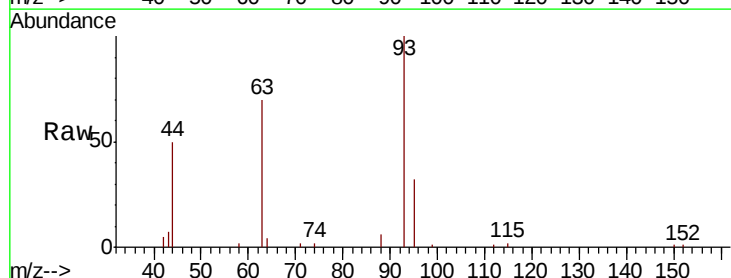
Tgt Ion: 93 Resp: 10899

Ion Ratio Lower Upper

93 100

63 75.2 59.3 88.9

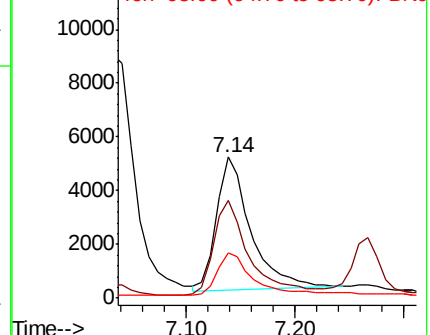
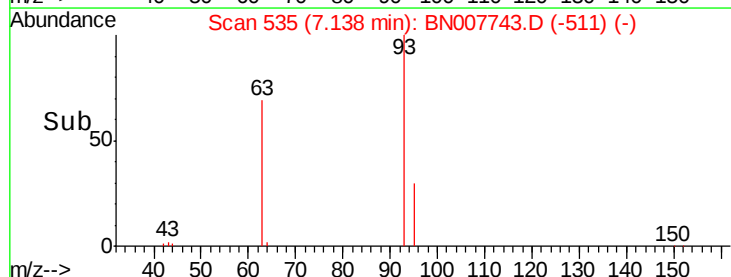
95 36.7 31.4 47.0

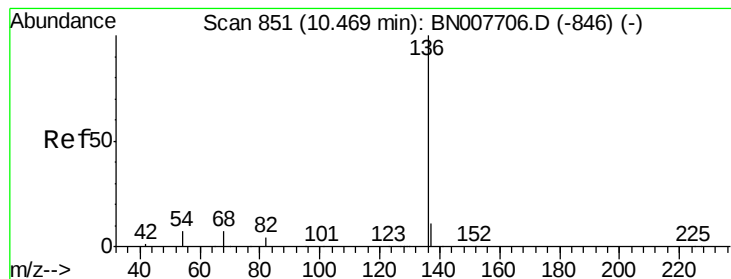


Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

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 :

PB123061BSD

Tot Ion:136 Resp: 44282

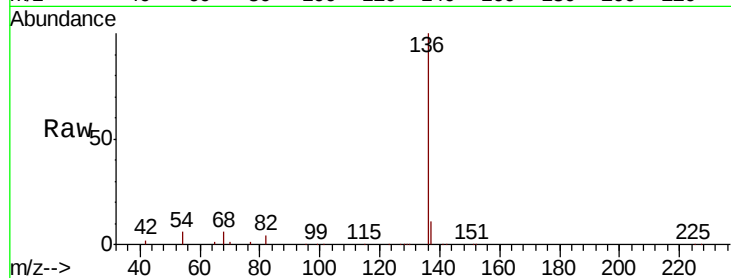
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 5.8 5.8 8.8#

68 6.4 6.5 9.7#

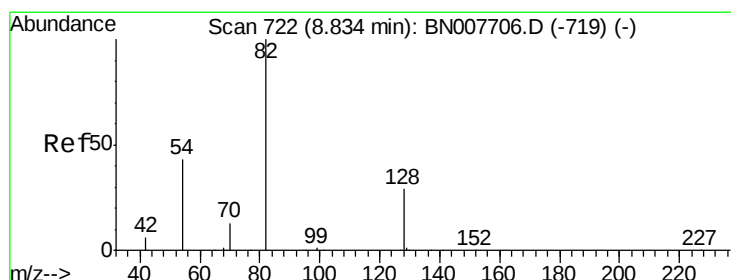
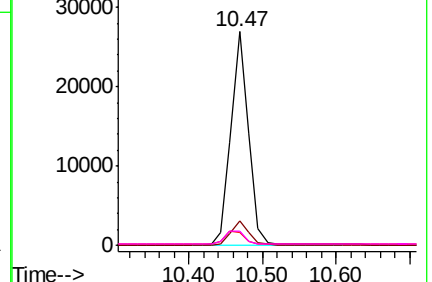
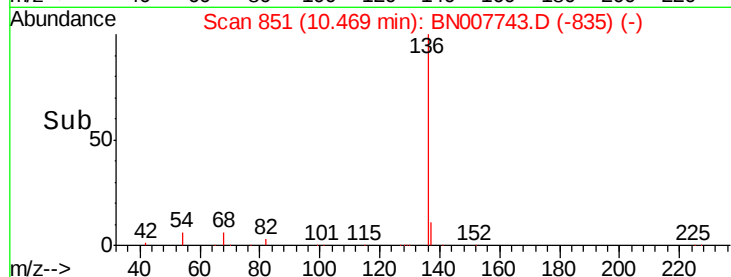


Abundance Ion 136.00 (135.70 to 136.70): E

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

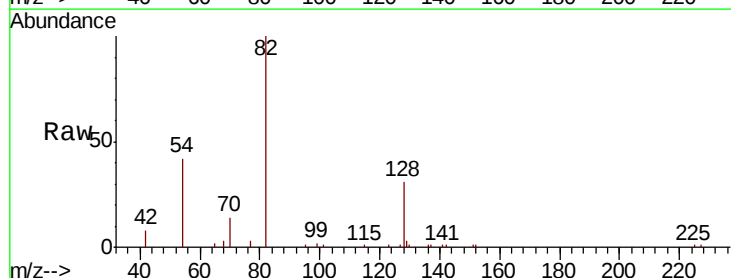
Tgt Ion: 82 Resp: 12398

Ion Ratio Lower Upper

82 100

128 31.2 24.5 36.7

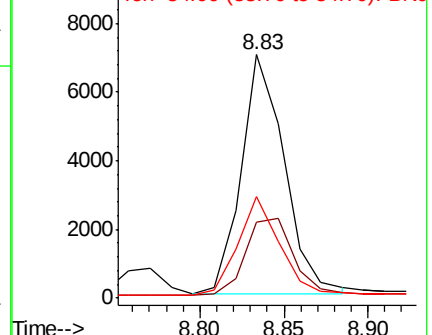
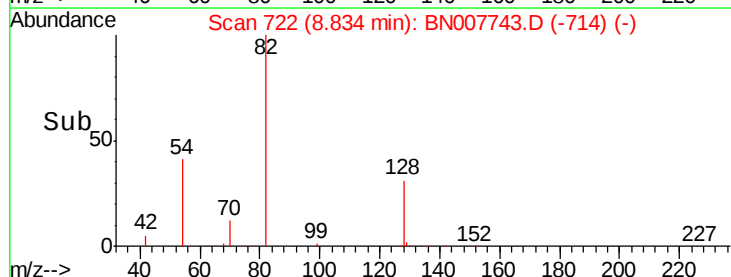
54 41.7 35.2 52.8



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

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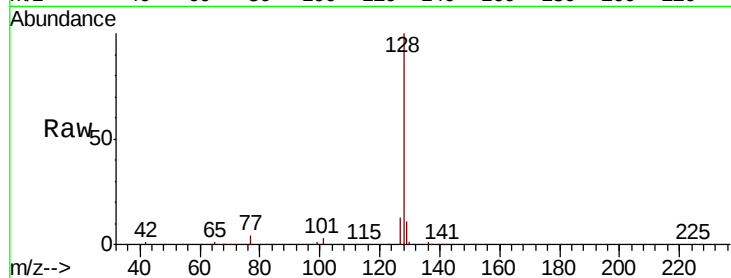
Tot Ion:128 Resp: 44646

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

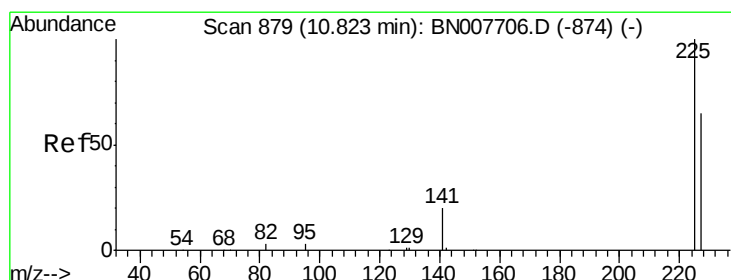
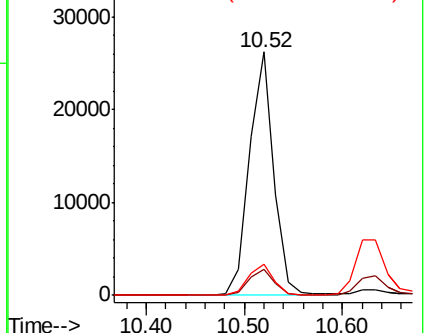
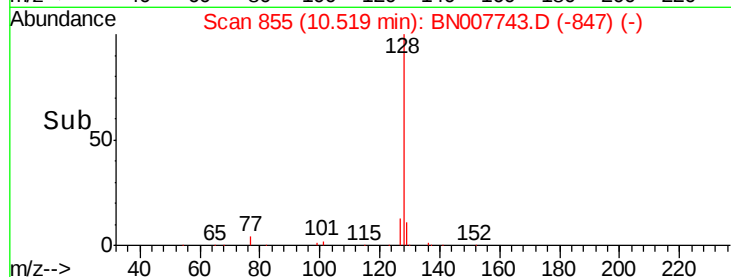
127 12.9 10.6 15.8



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

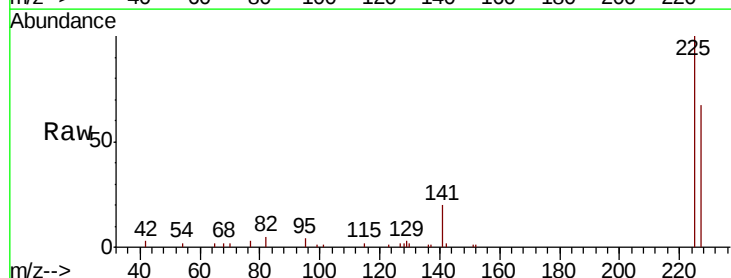
Tgt Ion:225 Resp: 8796

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

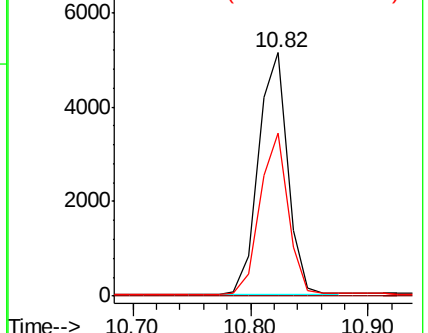
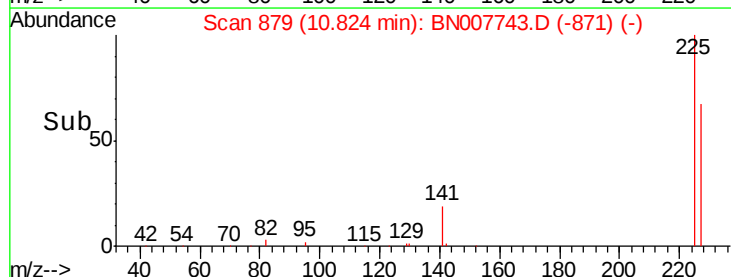
227 64.5 51.2 76.8

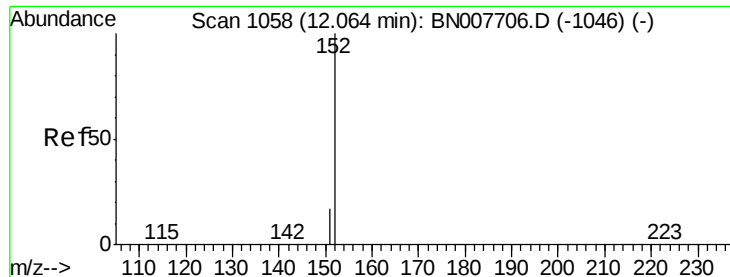


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

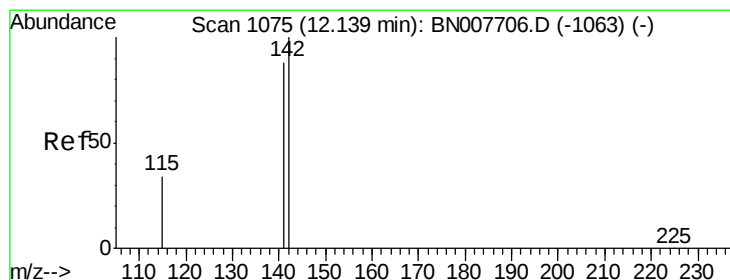
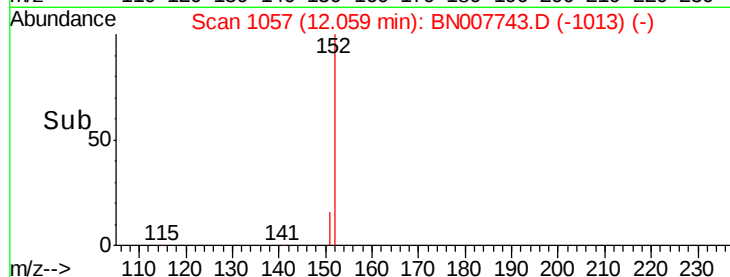
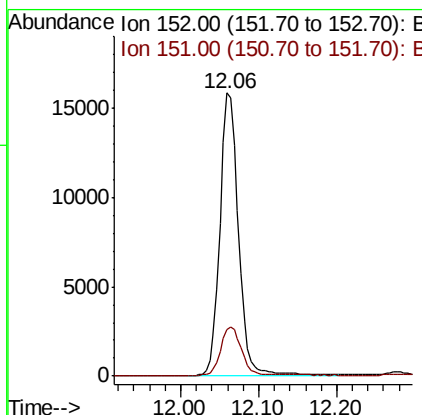
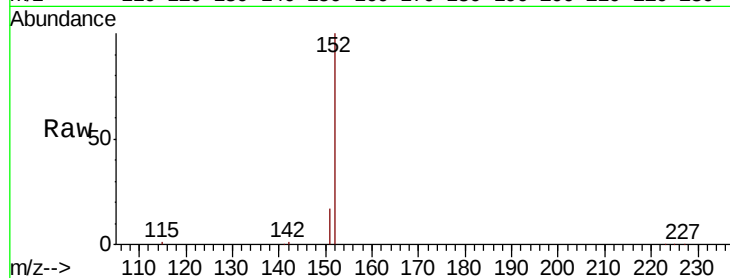




#11
 2-Methylnaphthalene-d10
 Concen: 0.347 ng
 RT: 12.06 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BN007743.D
 Acq: 19 Sep 2019 16:24

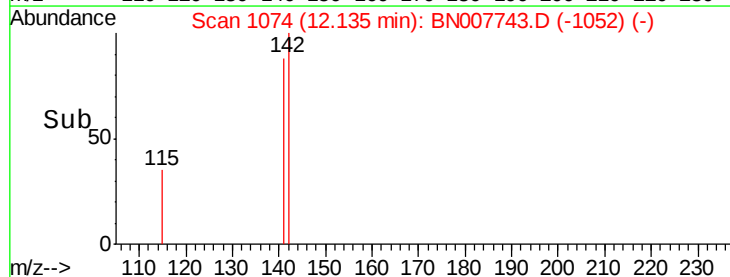
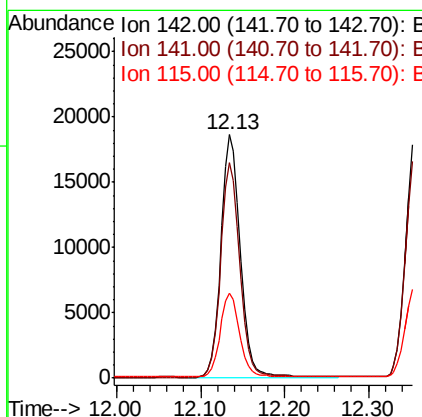
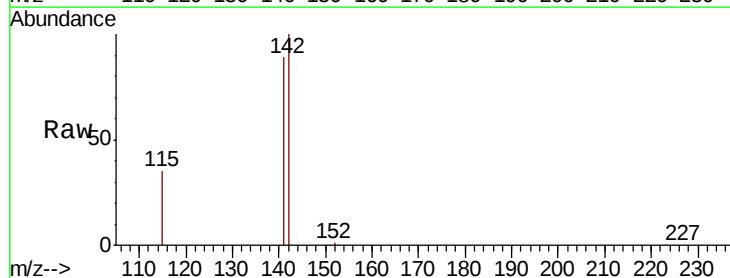
Instrument :
 BNA_N
 ClientSampleId :
 PB123061BSD

Tot Ion:152 Resp: 25915
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.4 23.2



#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

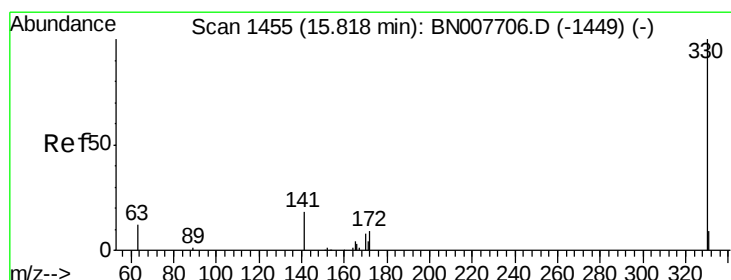
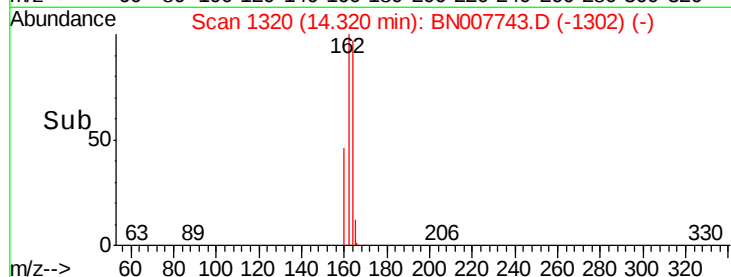
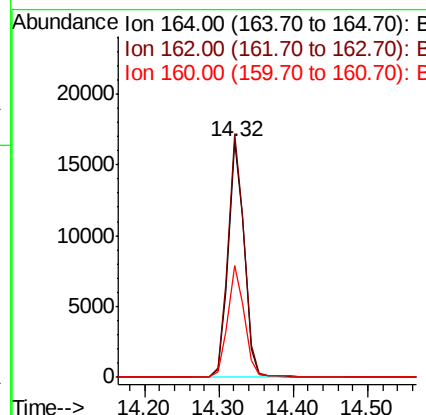
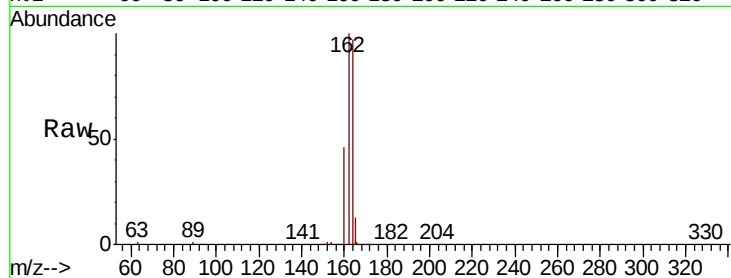




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

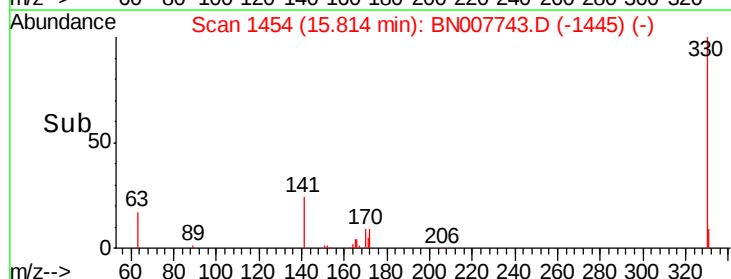
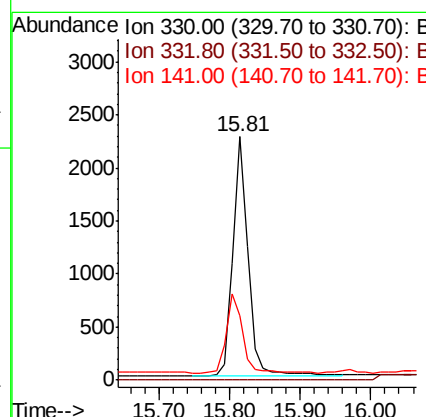
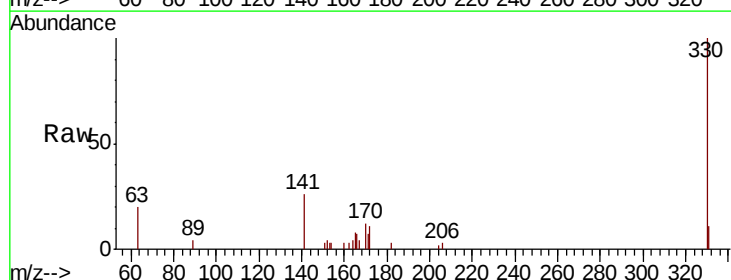
Instrument :
BNA_N
ClientSampleId :
PB123061BSD

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

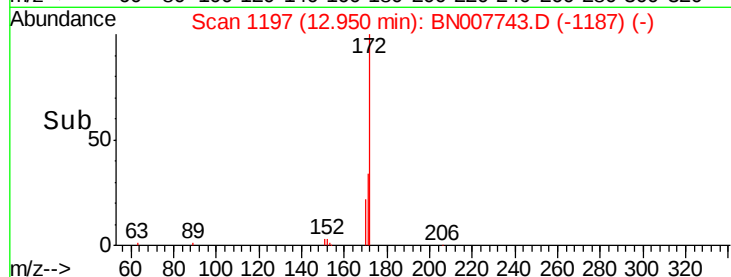
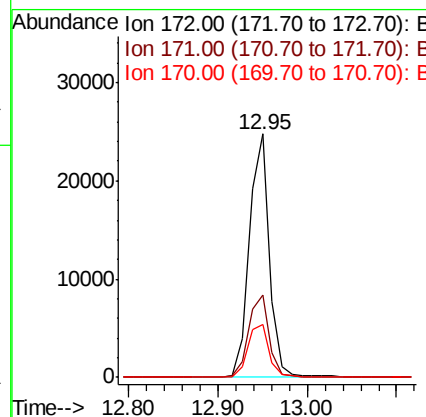
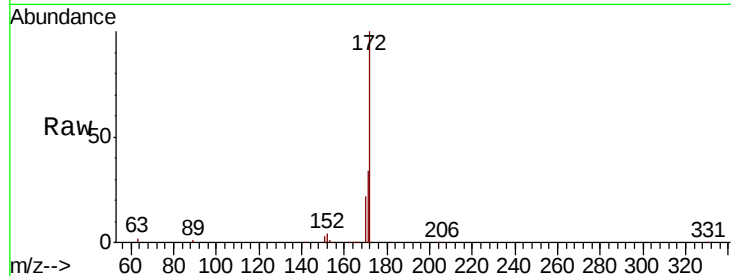




#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 12.95 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

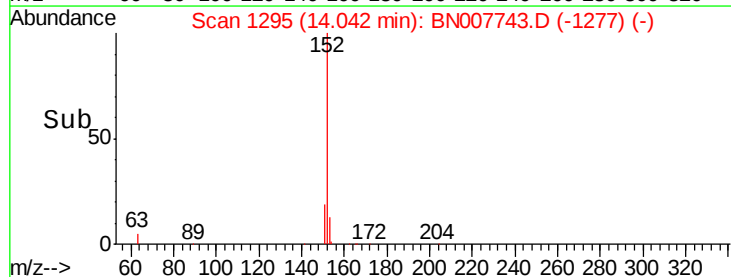
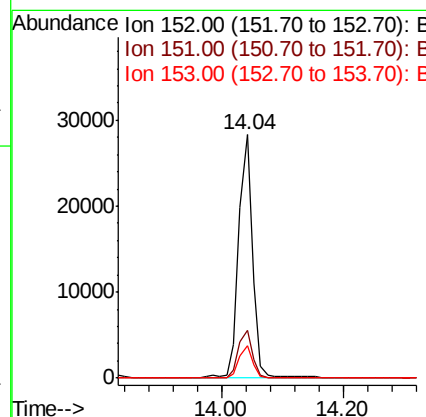
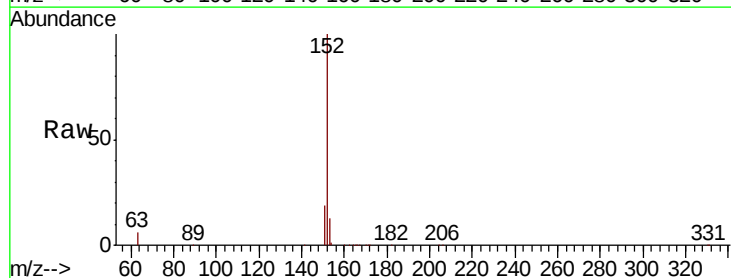
Instrument :
BNA_N
ClientSampleId :
PB123061BSD

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 :

PB123061BSD

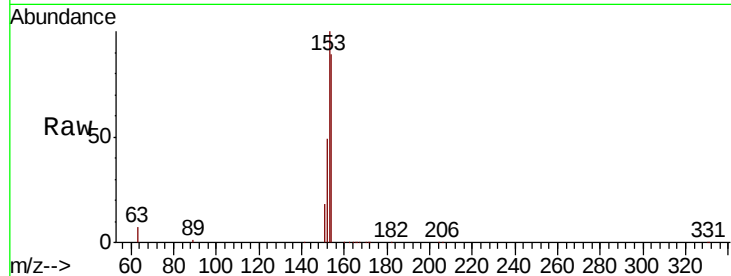
Tot Ion:154 Resp: 28904

Ion Ratio Lower Upper

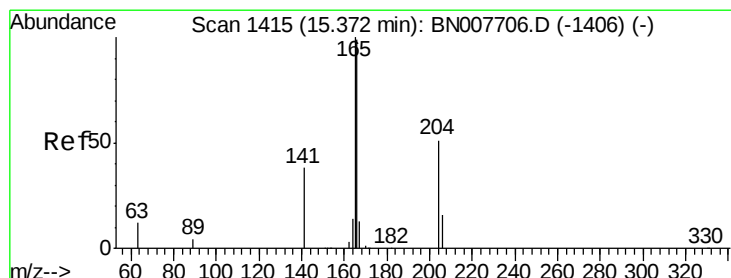
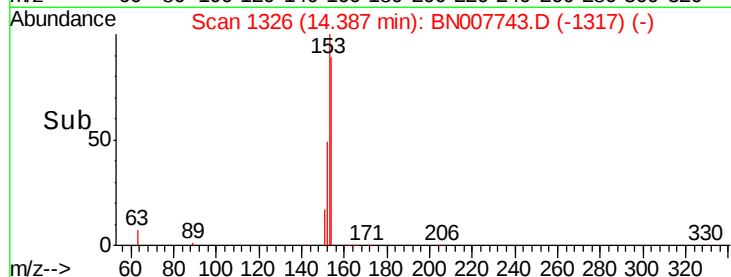
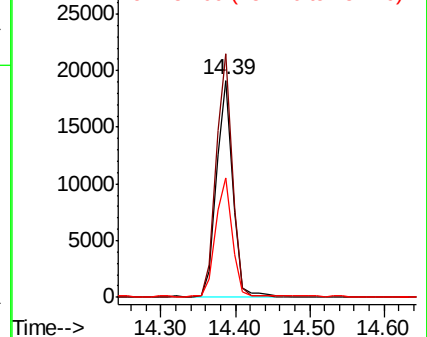
154 100

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

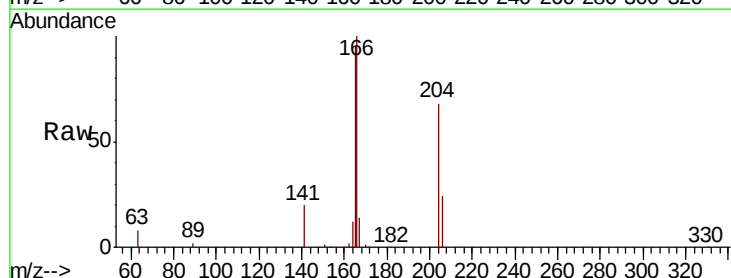
Tgt Ion:166 Resp: 37258

Ion Ratio Lower Upper

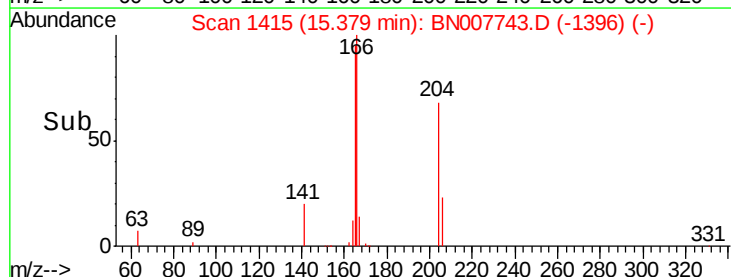
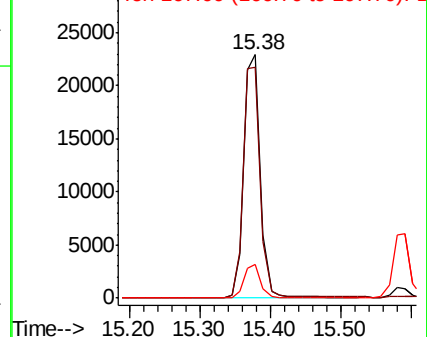
166 100

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 :

PB123061BSD

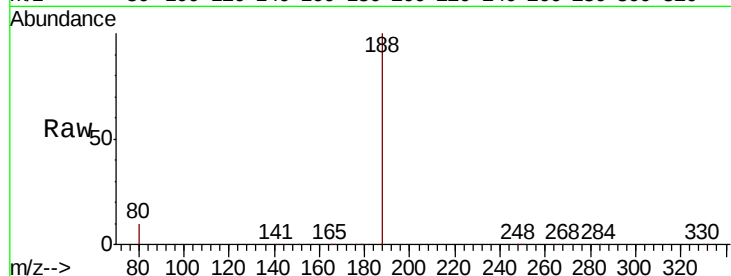
Tot Ion:188 Resp: 59317

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

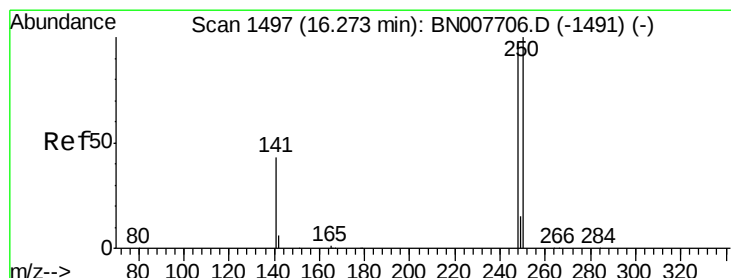
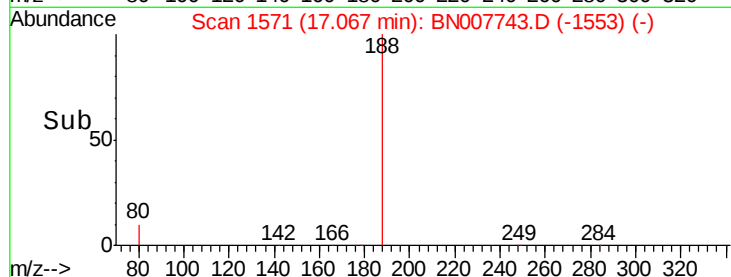
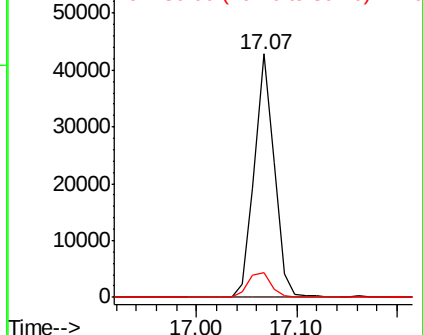
80 10.0 7.4 11.2



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: 0.333 ng

RT: 16.27 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

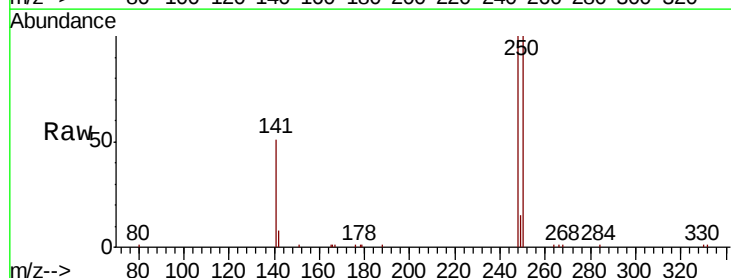
Tgt Ion:248 Resp: 11997

Ion Ratio Lower Upper

248 100

250 100.2 82.2 123.4

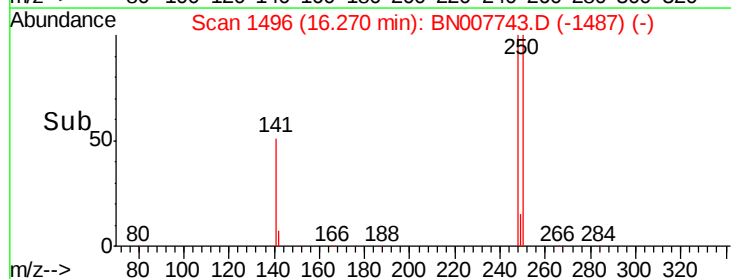
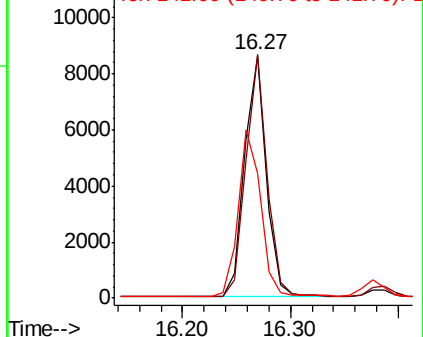
141 51.5 36.3 54.5



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: 16.39 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN007743.D

Acq: 19 Sep 2019 16:24

Instrument :

BNA_N

ClientSampleId :

PB123061BSD

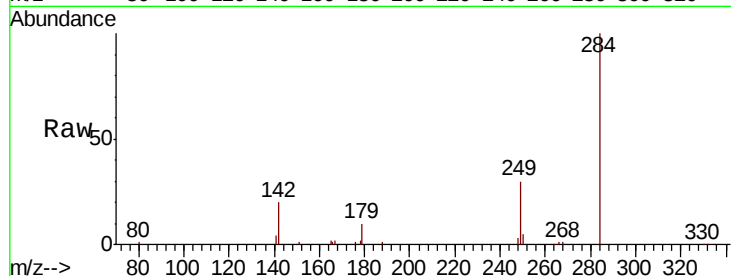
Tot Ion:284 Resp: 13410

Ion Ratio Lower Upper

284 100

142 33.6 25.8 38.6

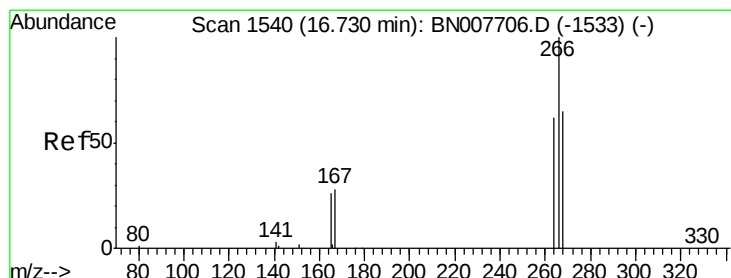
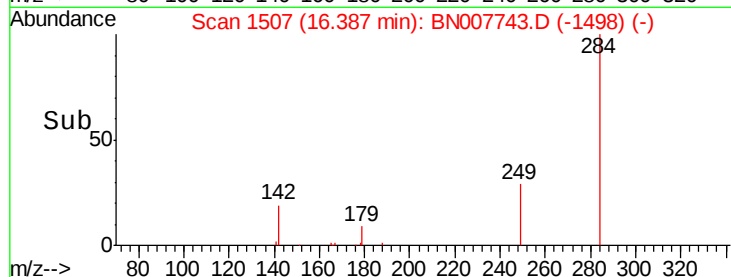
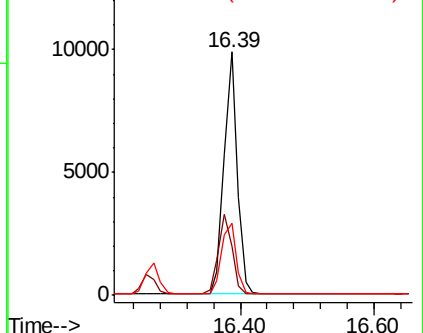
249 32.0 25.9 38.9



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

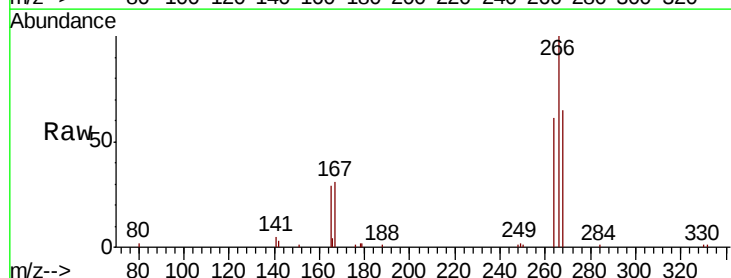
Tgt Ion:266 Resp: 8102

Ion Ratio Lower Upper

266 100

264 61.3 50.0 75.0

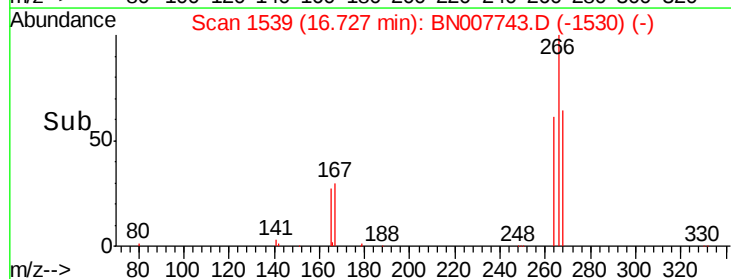
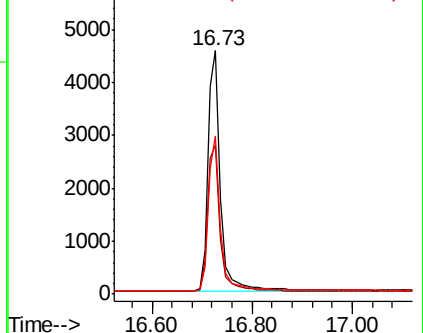
268 64.8 54.2 81.4

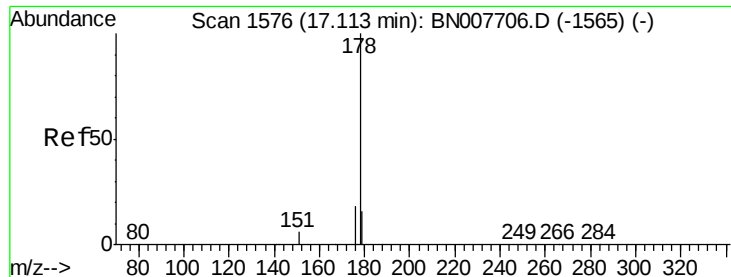


Abundance Ion 266.00 (265.70 to 266.70): E

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 :

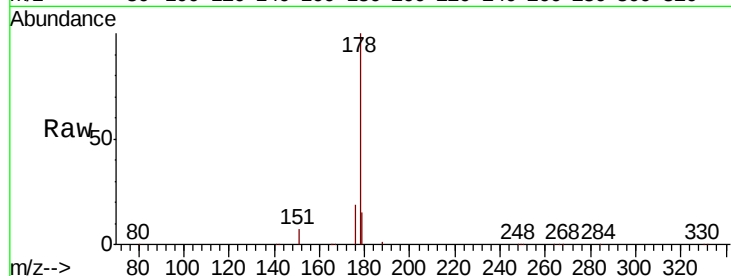
BNA_N

ClientSampleId :

PB123061BSD

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

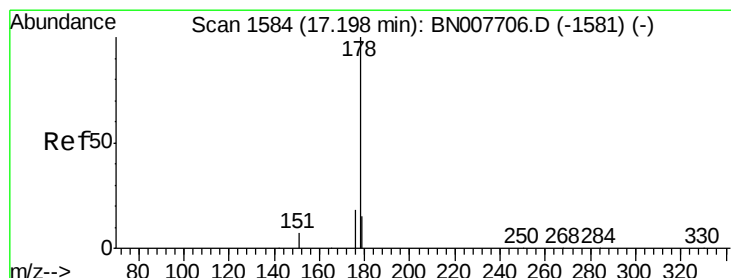
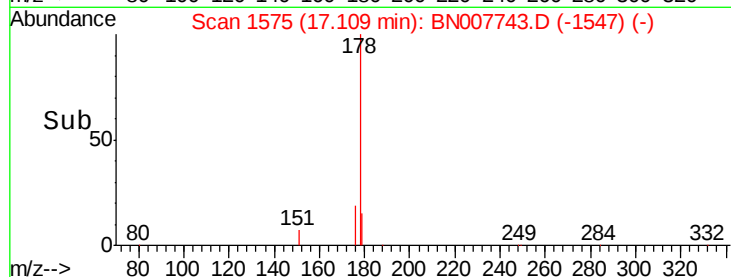
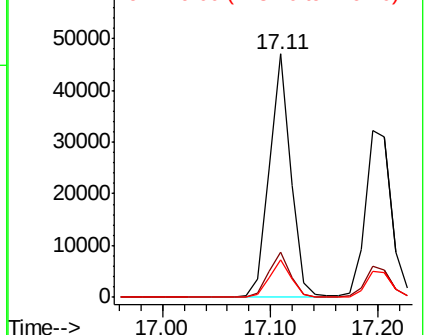


Abundance

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

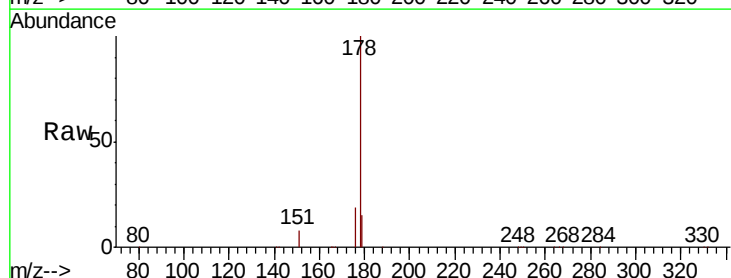
Delta R.T. -0.00 min

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

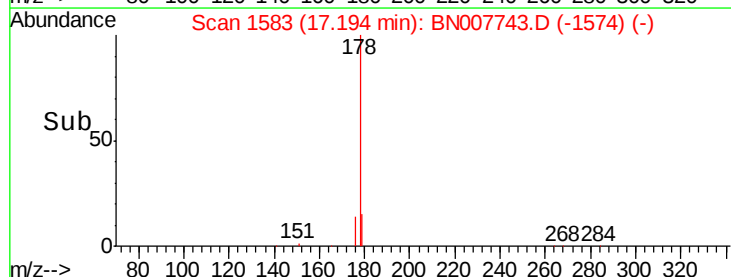
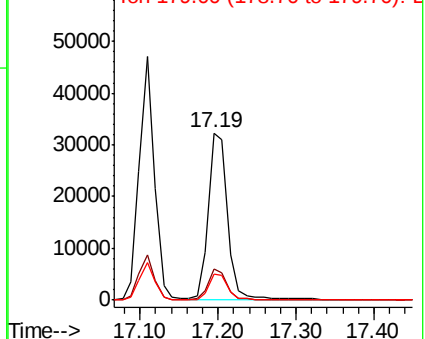


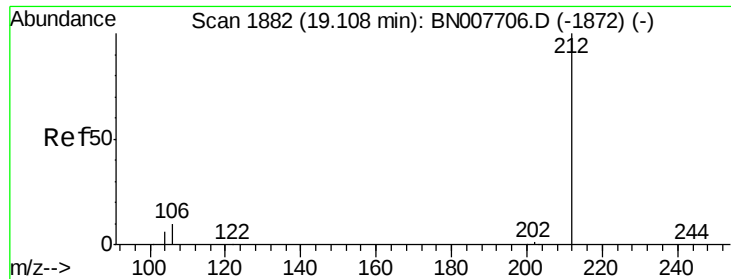
Abundance

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

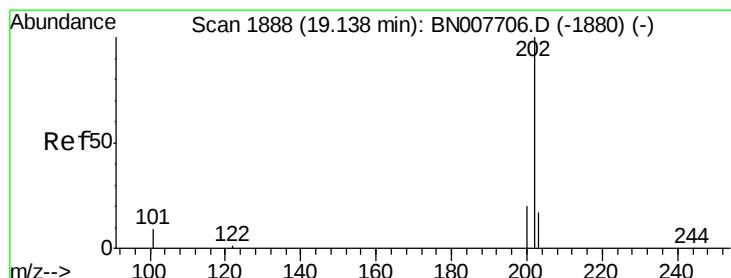
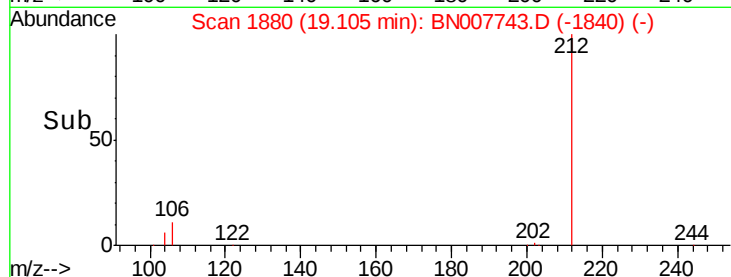
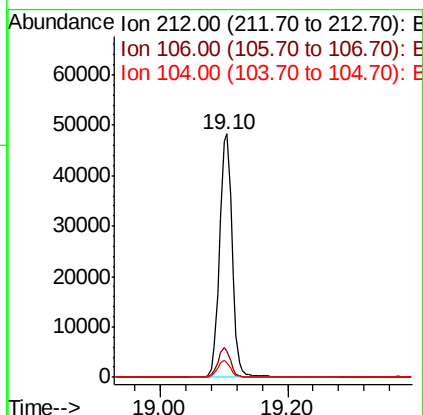
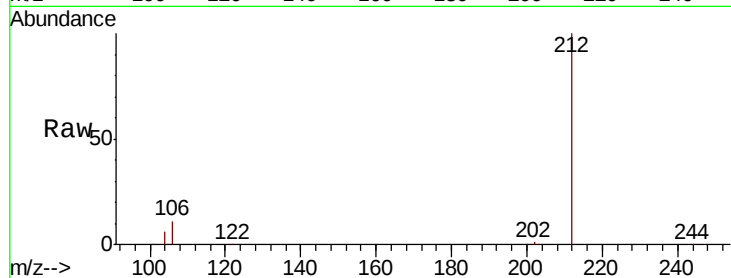




#25
Fluoranthene-d10
Concen: 0.334 ng
RT: 19.10 min Scan# 1880
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

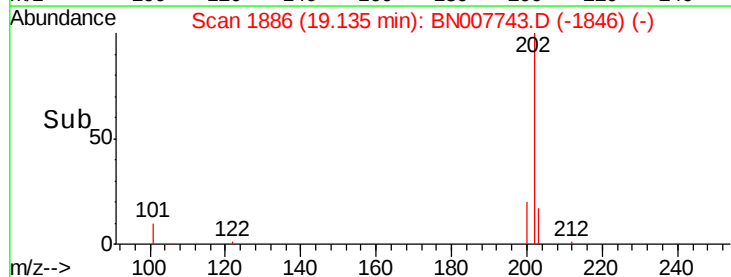
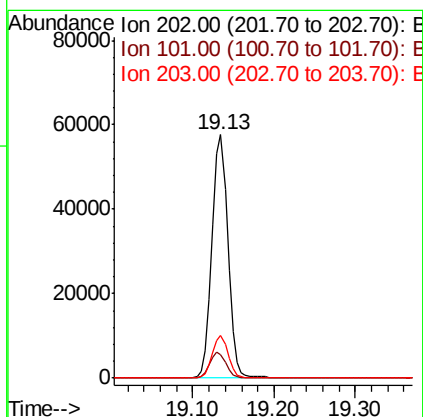
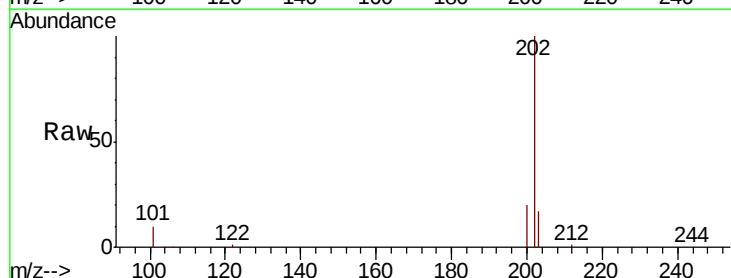
Instrument :
BNA_N
ClientSampleId :
PB123061BSD

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



#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





#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 :

PB123061BSD

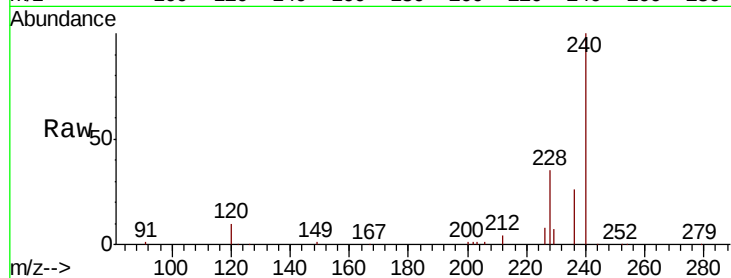
Tot Ion:240 Resp: 76150

Ion Ratio Lower Upper

240 100

120 10.1 5.4 8.2#

236 26.3 21.0 31.4

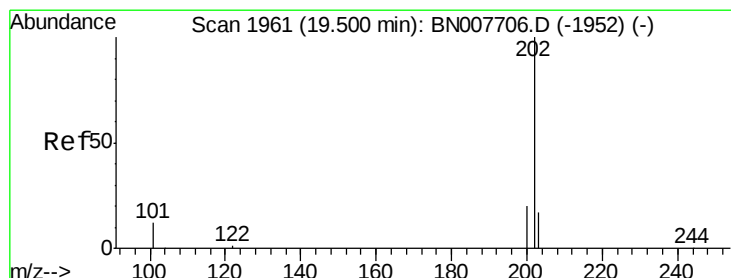
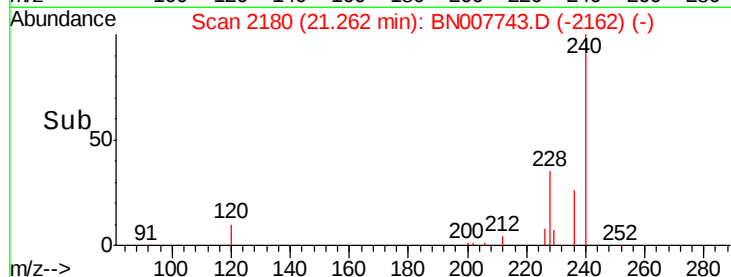
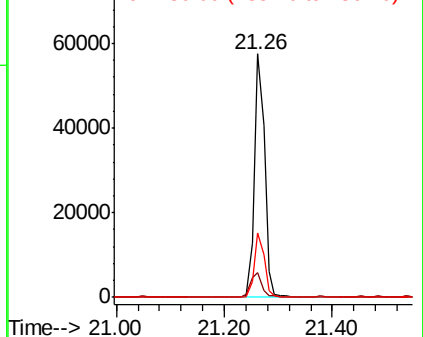


Abundance

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

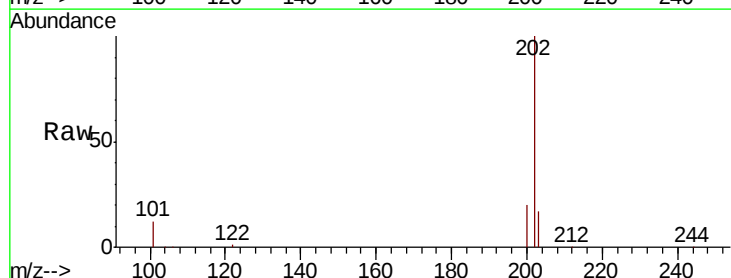
Tgt Ion:202 Resp: 88258

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

203 17.5 14.1 21.1

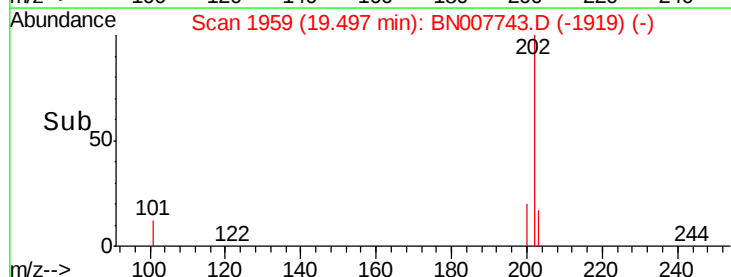
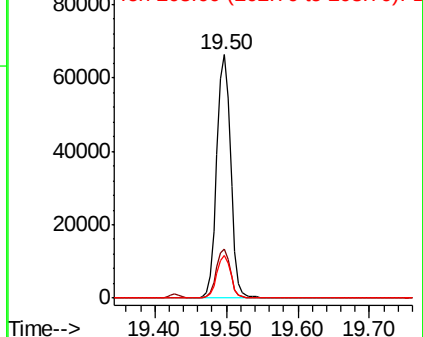


Abundance

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 :

PB123061BSD

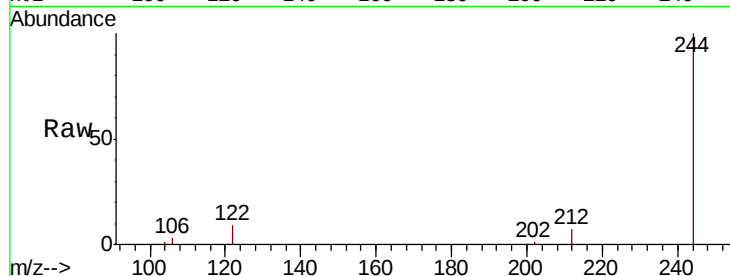
Tot Ion:244 Resp: 55807

Ion Ratio Lower Upper

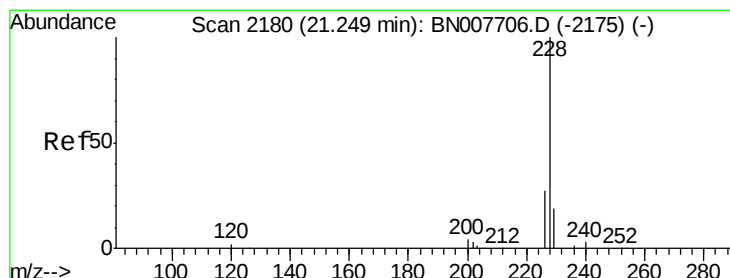
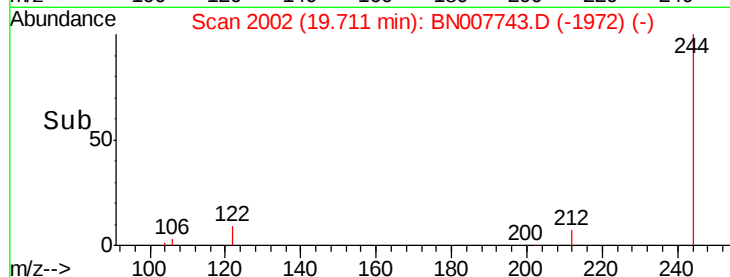
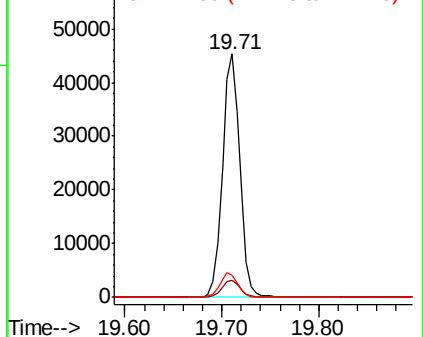
244 100

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

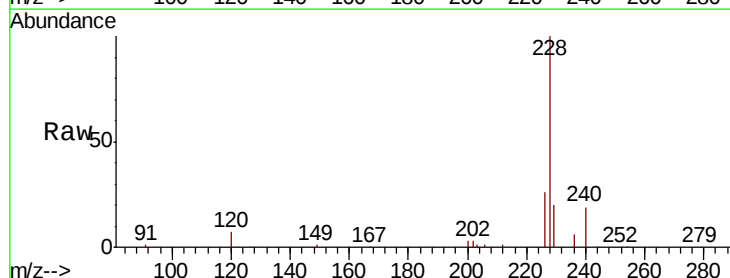
Tgt Ion:228 Resp: 83947

Ion Ratio Lower Upper

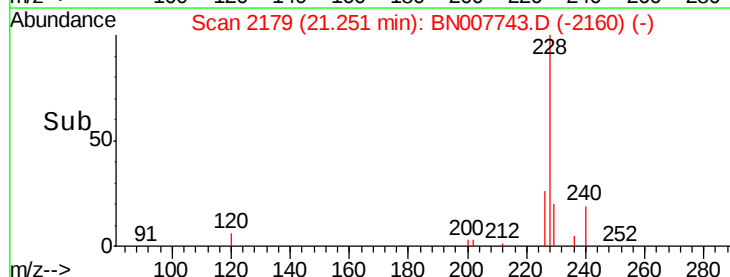
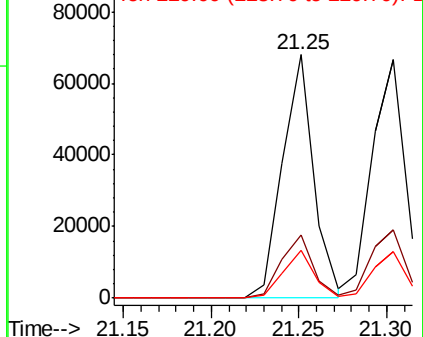
228 100

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 :

PB123061BSD

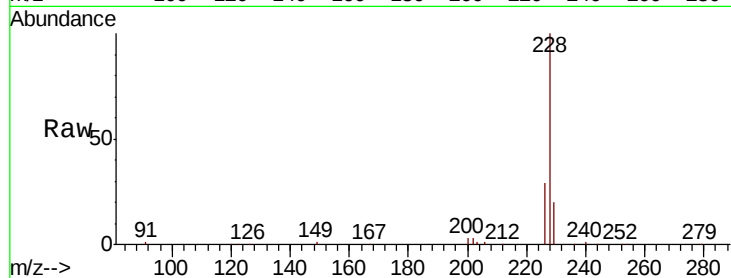
Tot Ion:228 Resp: 87958

Ion Ratio Lower Upper

228 100

226 28.7 23.9 35.9

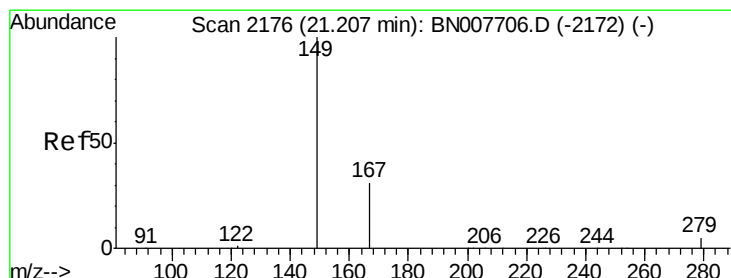
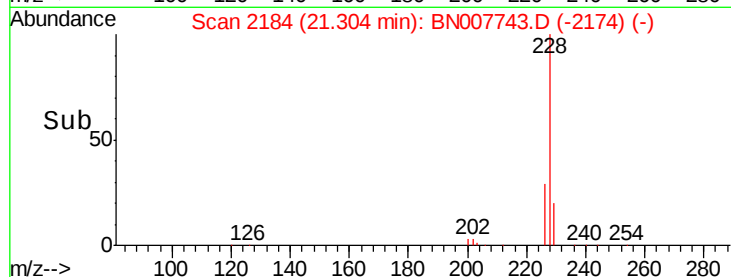
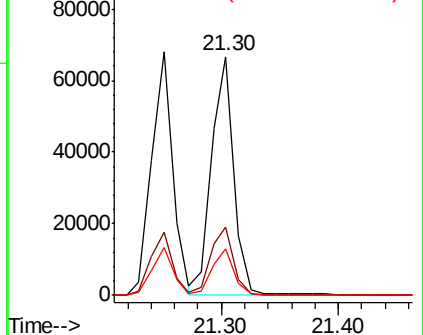
229 19.7 15.8 23.6



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

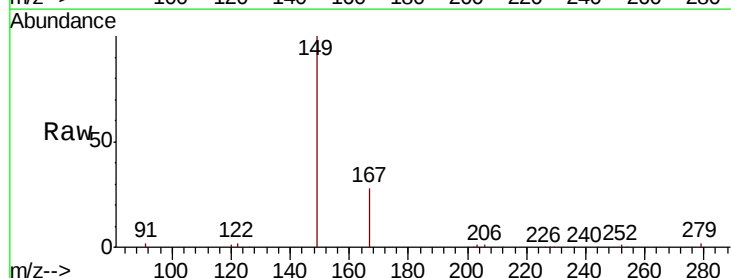
Tgt Ion:149 Resp: 28692

Ion Ratio Lower Upper

149 100

167 29.1 23.7 35.5

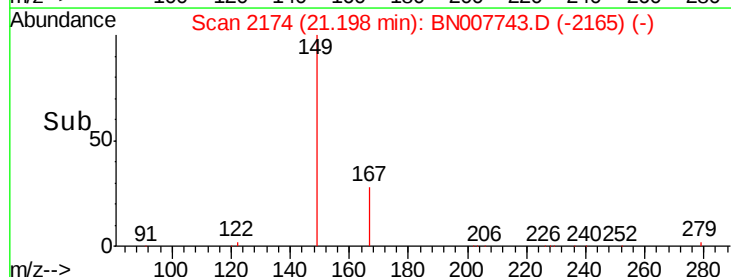
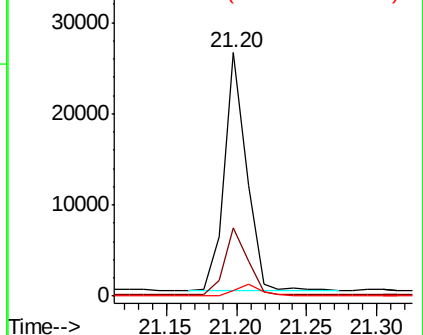
279 4.8 4.2 6.2



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

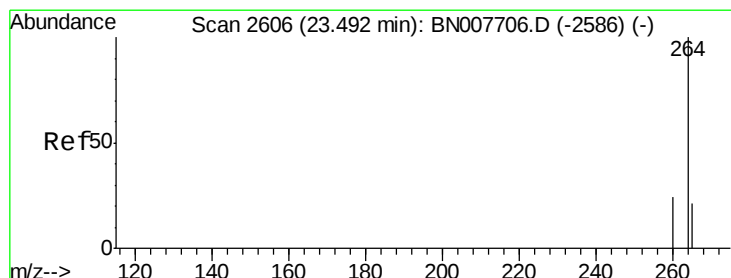
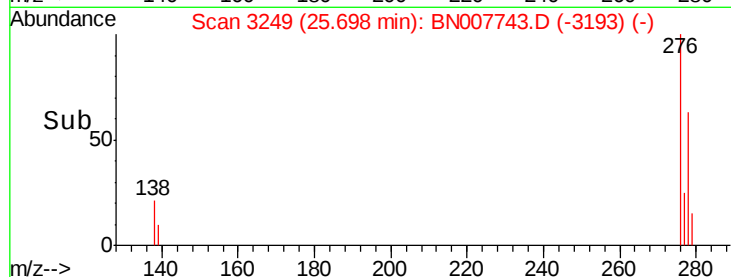
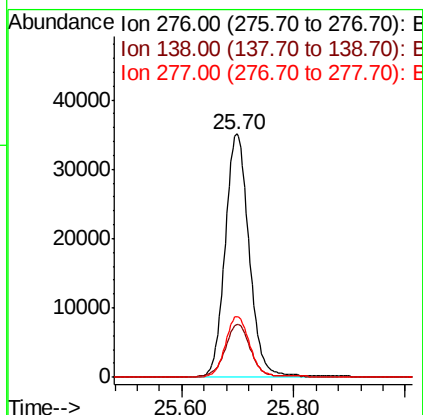
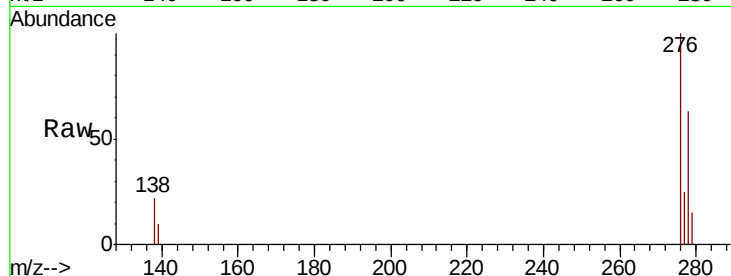




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.304 ng
RT: 25.70 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

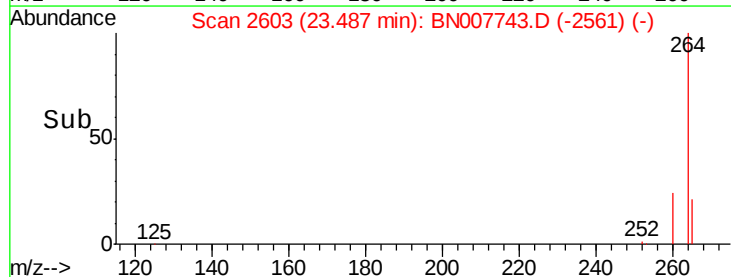
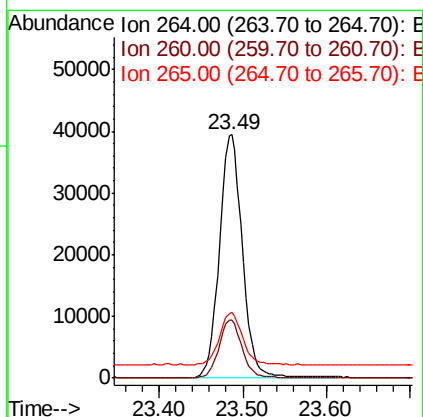
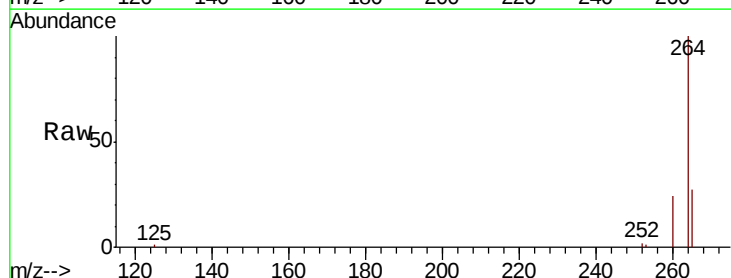
Instrument :
BNA_N
ClientSampleId :
PB123061BSD

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



#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#





#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 :

PB123061BSD

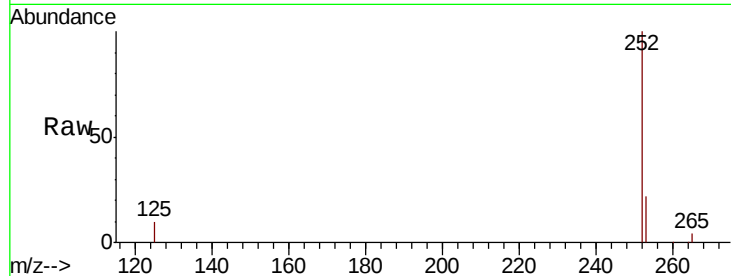
Tot Ion:252 Resp: 84865

Ion Ratio Lower Upper

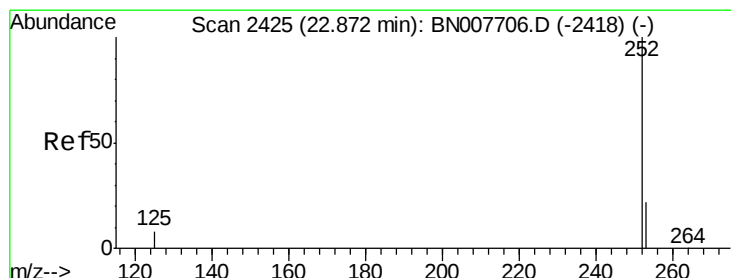
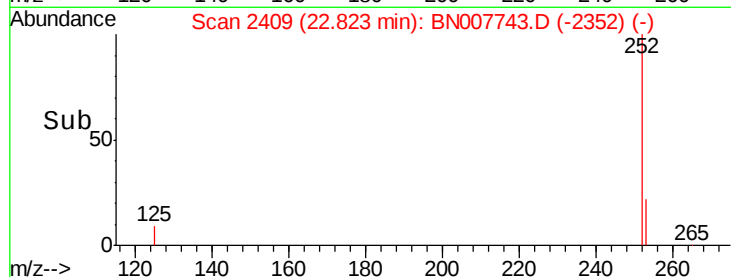
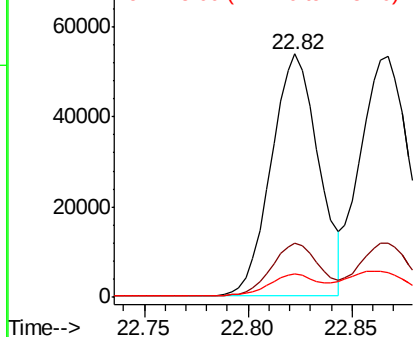
252 100

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

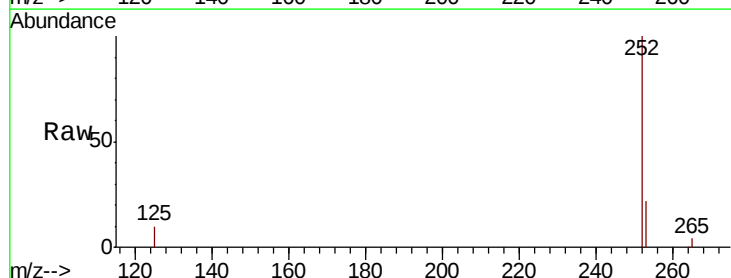
Tgt Ion:252 Resp: 89638

Ion Ratio Lower Upper

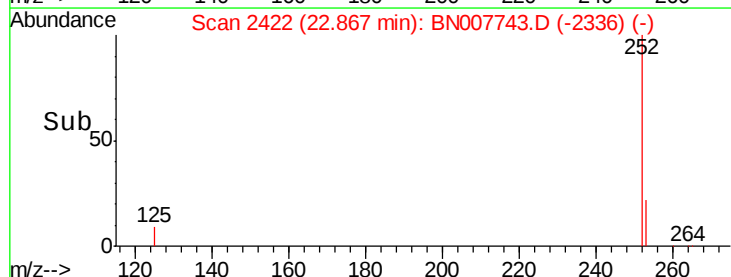
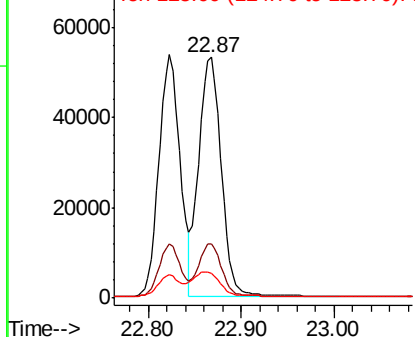
252 100

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 :

PB123061BSD

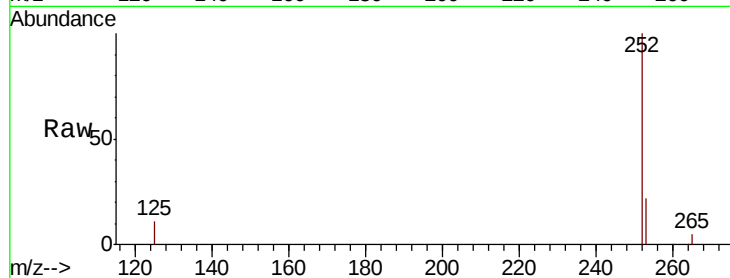
Tot Ion:252 Resp: 76959

Ion Ratio Lower Upper

252 100

253 22.3 18.6 27.8

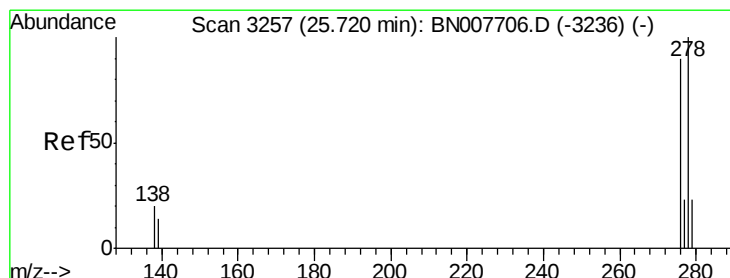
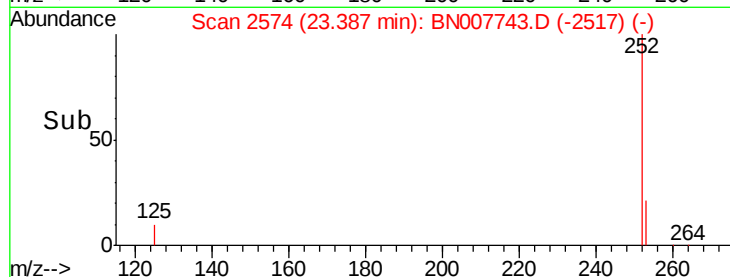
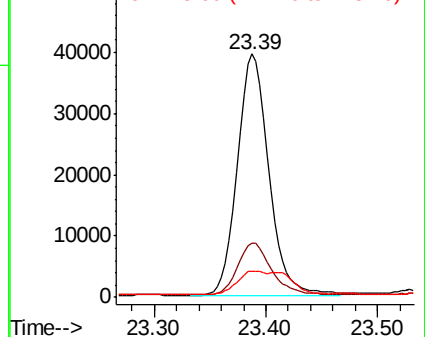
125 10.9 9.4 14.0



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

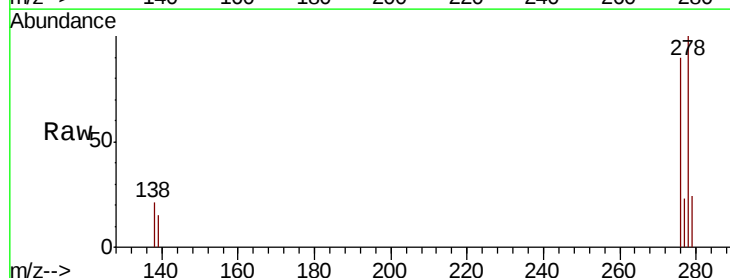
Tgt Ion:278 Resp: 83861

Ion Ratio Lower Upper

278 100

139 14.7 11.8 17.6

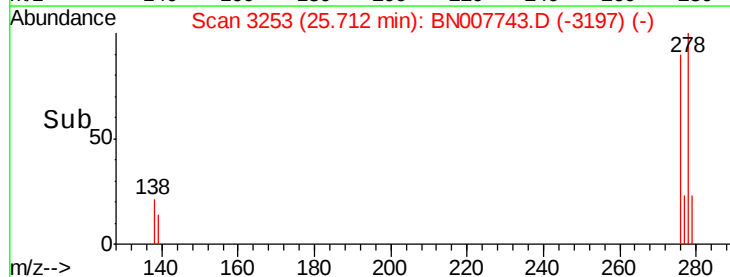
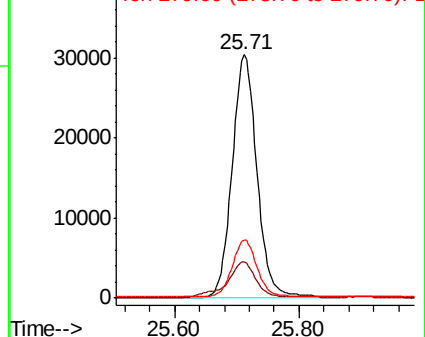
279 23.9 19.4 29.2



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 :

PB123061BSD

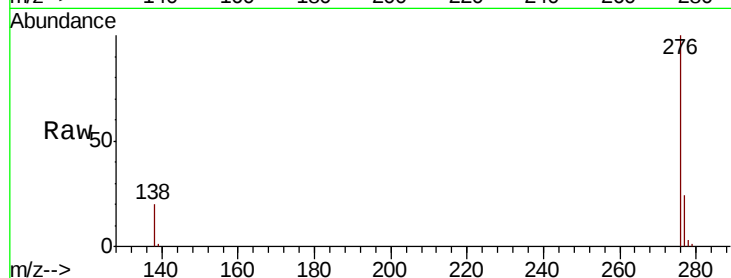
Tot Ion:276 Resp: 80511

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

