

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
 Data File : BN007756.D
 Acq On : 20 Sep 2019 00:09
 Operator : HP/JU
 Sample : K4918-13MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 20 01:50:47 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	6903	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	27864	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	19276	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	36907	0.40	ng	0.00
27) Chrysene-d12	21.26	240	41016	0.40	ng	-0.01
34) Perylene-d12	23.48	264	46702	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	4169	0.18	ng	0.00
5) Phenol-d6	6.87	99	5867	0.19	ng	0.00
8) Nitrobenzene-d5	8.83	82	5085	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	12224	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	1698	0.16	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	14238	0.18	ng	0.00
25) Fluoranthene-d10	19.10	212	26163	0.21	ng	0.00
29) Terphenyl-d14	19.71	244	20996	0.21	ng	0.00

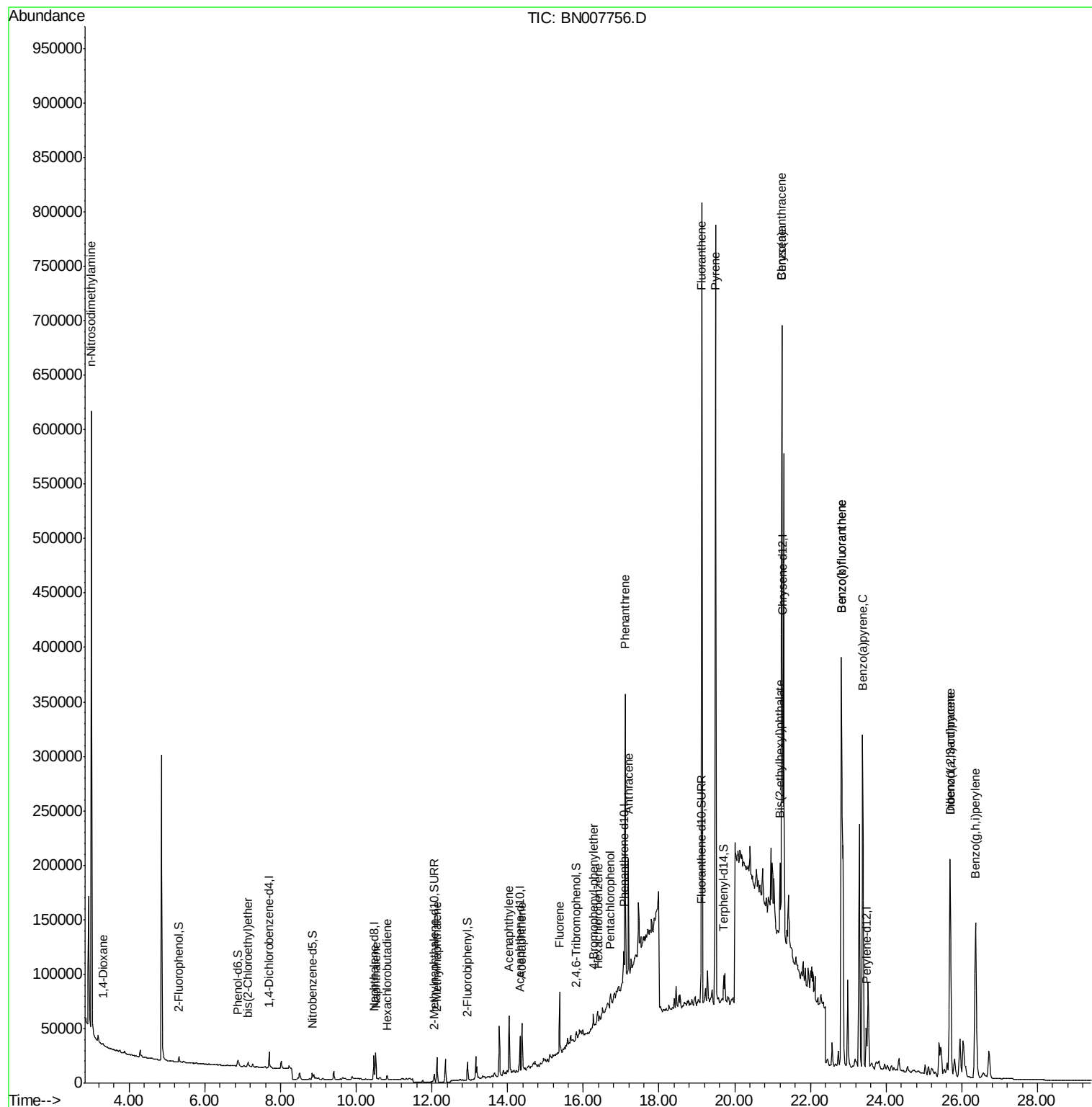
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1072	0.139	ng	# 54
3) n-Nitrosodimethylamine	3.01	42	41288	11.716	ng	# 73
6) bis(2-Chloroethyl)ether	7.14	93	4636	0.237	ng	93
9) Naphthalene	10.52	128	30874	0.395	ng	100
10) Hexachlorobutadiene	10.82	225	3352	0.204	ng	# 100
12) 2-Methylnaphthalene	12.13	142	16176	0.306	ng	98
16) Acenaphthylene	14.03	152	64296	0.629	ng	# 94
17) Acenaphthene	14.38	154	23168	0.352	ng	98
18) Fluorene	15.37	166	28133	0.333	ng	98
20) 4-Bromophenyl-phenylether	16.26	248	5907	0.264	ng	# 28
21) Hexachlorobenzene	16.39	284	4851	0.198	ng	# 47
22) Pentachlorophenol	16.72	266	5062	0.561	ng	# 83
23) Phenanthrene	17.11	178	299308	2.603	ng	97
24) Anthracene	17.20	178	109321	1.053	ng	97
26) Fluoranthene	19.13	202	659405	4.612	ng	99
28) Pyrene	19.49	202	643522	4.600	ng	# 95
30) Benzo(a)anthracene	21.25	228	473420	3.134	ng	96
31) Chrysene	21.25	228	454003	3.084	ng	97
32) Bis(2-ethylhexyl)phthalate	21.20	149	54011	0.695	ng	# 88
33) Indeno(1,2,3-cd)pyrene	25.69	276	304142	1.650	ng	97
35) Benzo(b)fluoranthene	22.82	252	624967	3.855	ng	99
36) Benzo(k)fluoranthene	22.82	252	624967	3.898	ng	99
37) Benzo(a)pyrene	23.39	252	422633	2.774	ng	99
38) Dibenzo(a,h)anthracene	25.70	278	102382	0.657	ng	96
39) Benzo(g,h,i)perylene	26.37	276	292752	1.898	ng	99

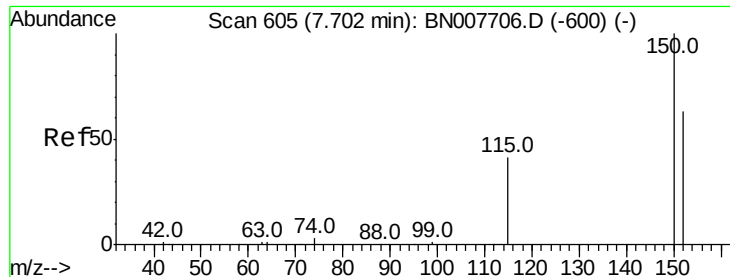
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN007756.D

Acq: 20 Sep 2019 00:09

Instrument :

BNA_N

ClientSampleId :

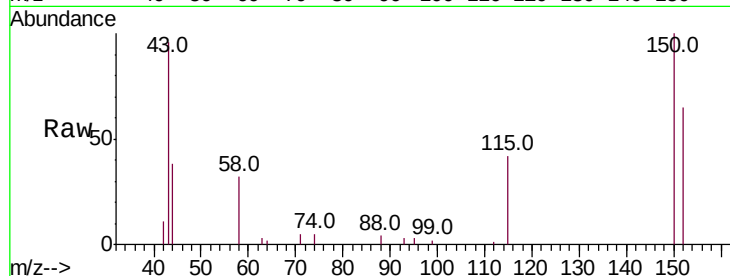
Tot Ion:152 Resp: 6903

Ion Ratio Lower Upper

152 100

150 152.9 125.6 188.4

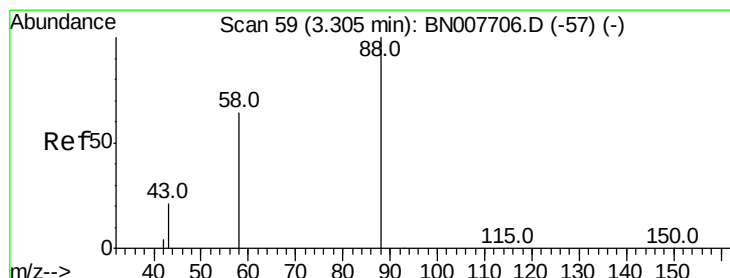
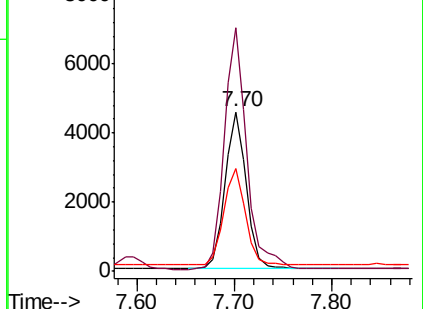
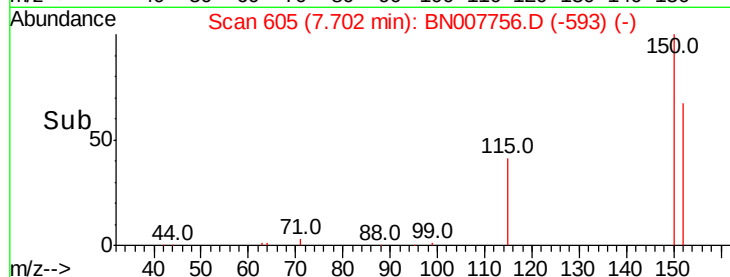
115 64.4 53.3 79.9



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: 0.139 ng

RT: 3.30 min Scan# 59

Delta R.T. -0.00 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

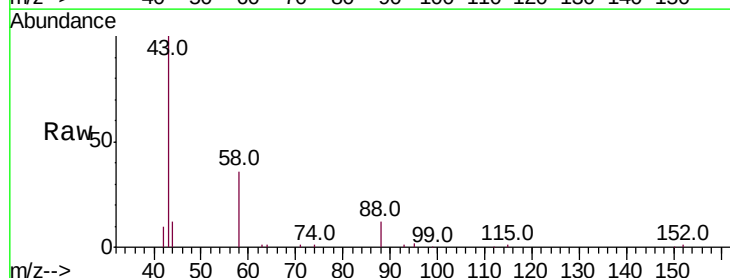
Tgt Ion: 88 Resp: 1072

Ion Ratio Lower Upper

88 100

58 90.3 44.6 66.8#

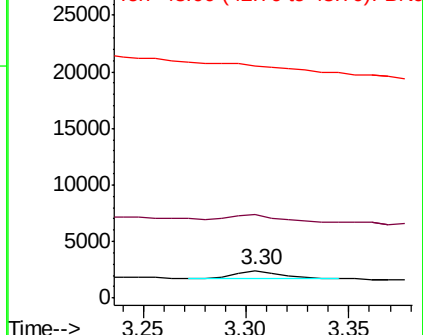
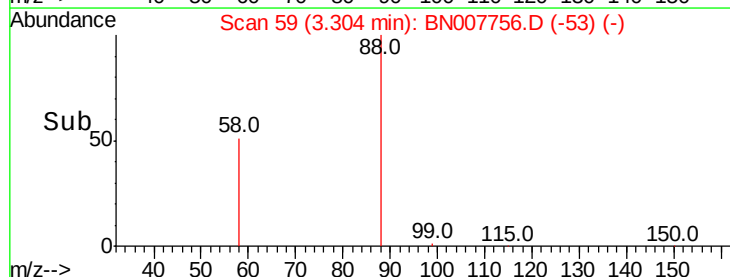
43 0.0 14.4 21.6#

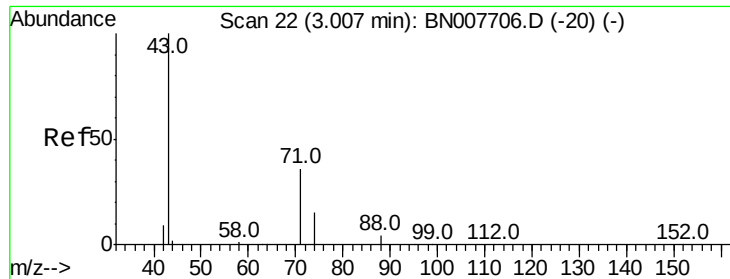


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 11.716 ng

RT: 3.01 min Scan# 22

Delta R.T. -0.00 min

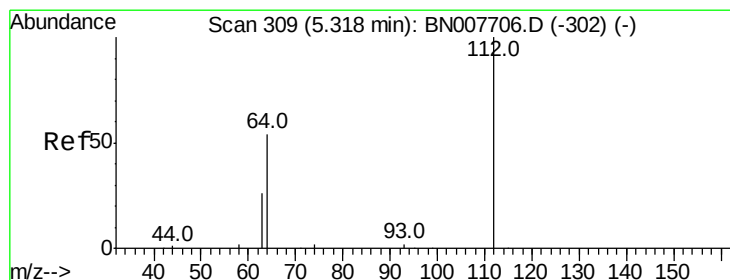
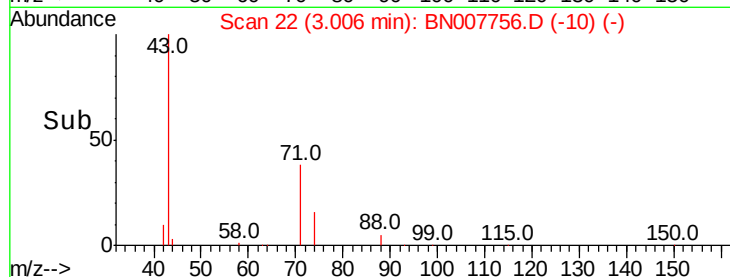
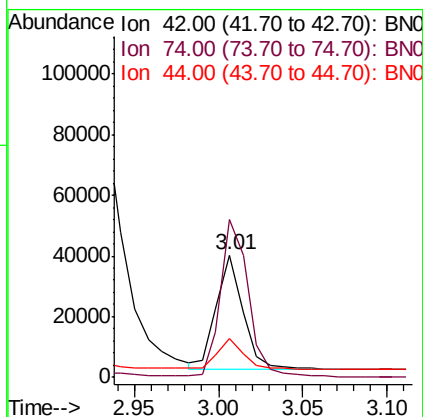
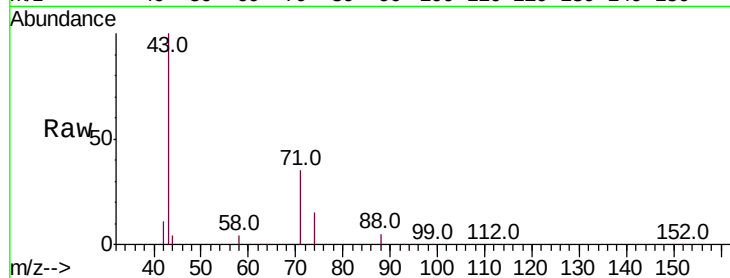
Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 42 Resp: 41288

Ion	Ratio	Lower	Upper
42	100		
74	142.0	87.9	131.9#
44	27.3	29.4	44.0#



#4

2-Fluorophenol

Concen: 0.175 ng

RT: 5.32 min Scan# 309

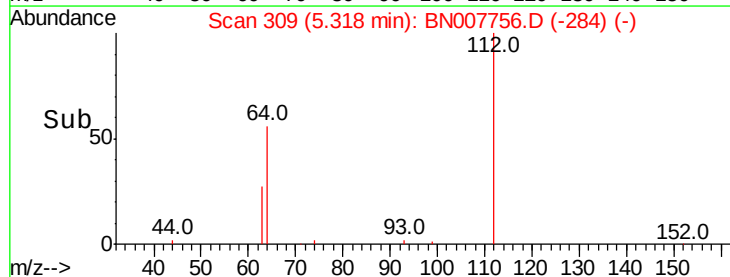
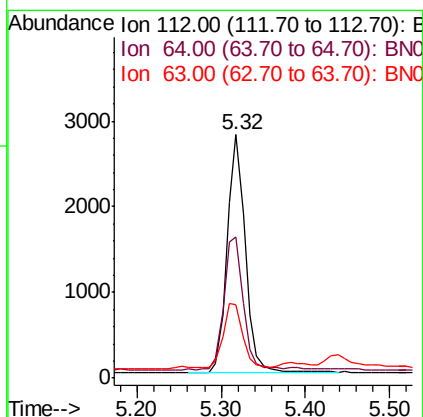
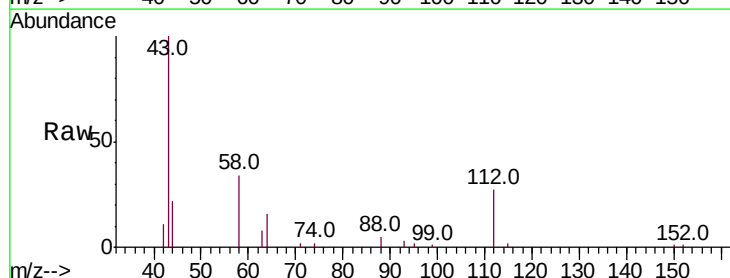
Delta R.T. -0.00 min

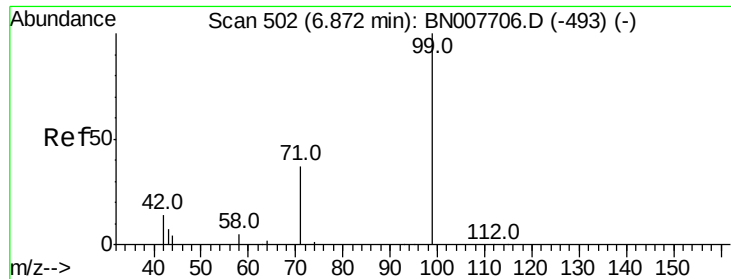
Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

Tgt Ion: 112 Resp: 4169

Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.6	70.0
63	28.7	23.1	34.7





#5

Phenol-d6

Concen: 0.195 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

Instrument :

BNA_N

ClientSampled :

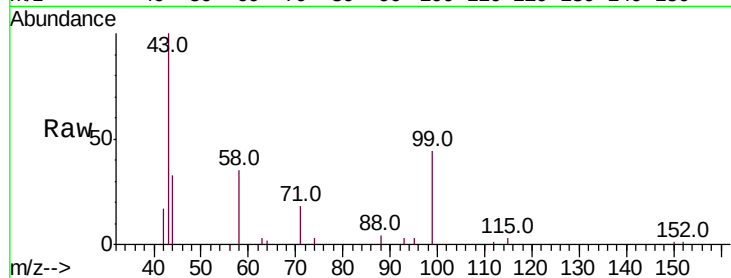
Tot Ion: 99 Resp: 5867

Ion Ratio Lower Upper

99 100

42 19.6 12.8 19.2#

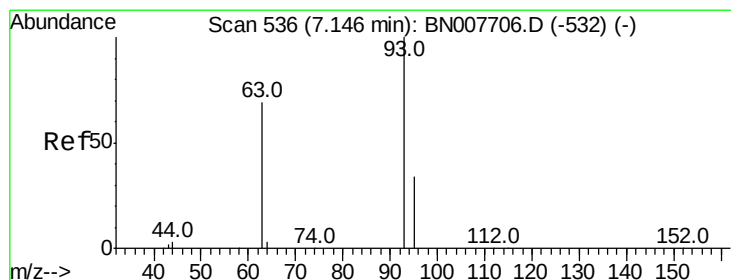
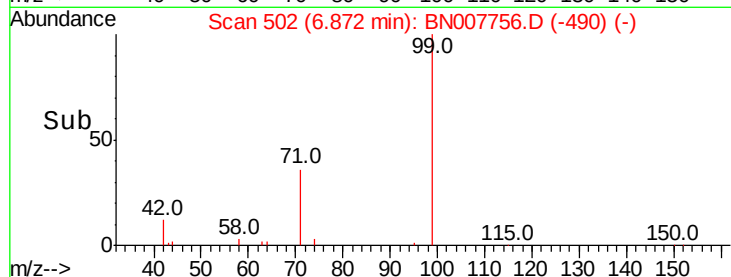
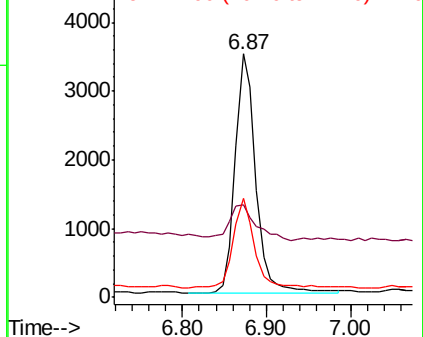
71 41.0 27.6 41.4



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: 0.237 ng

RT: 7.14 min Scan# 535

Delta R.T. -0.01 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

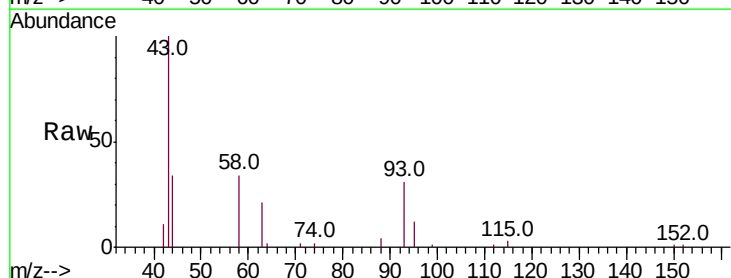
Tgt Ion: 93 Resp: 4636

Ion Ratio Lower Upper

93 100

63 68.0 59.3 88.9

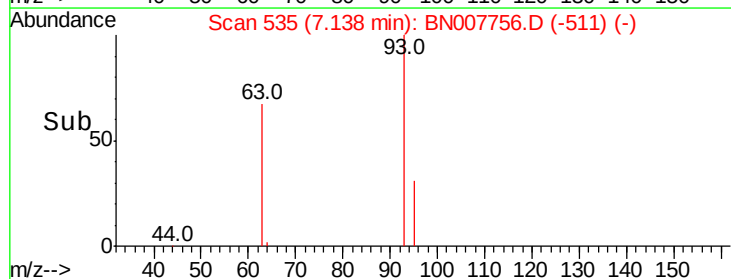
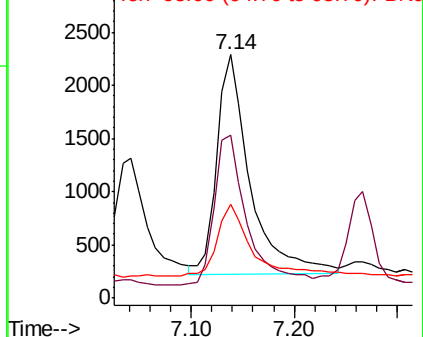
95 35.2 31.4 47.0

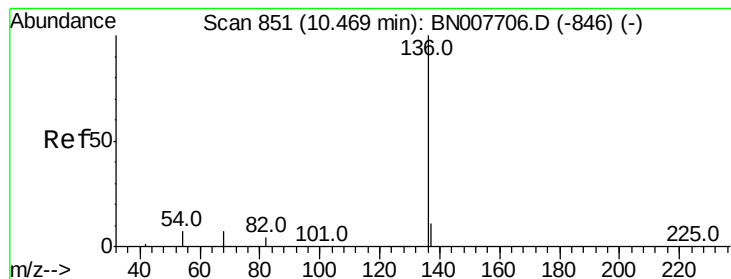


Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

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: BN007756.D

Acq: 20 Sep 2019 00:09

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 27864

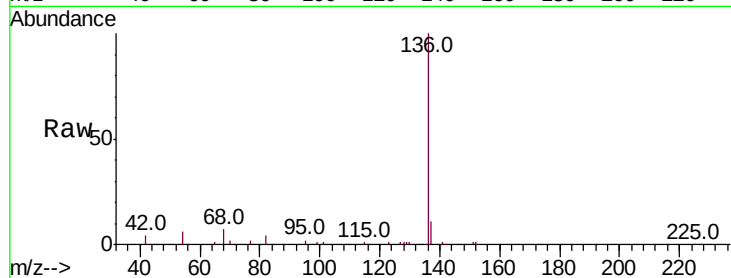
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 6.1 5.8 8.8

68 6.8 6.5 9.7

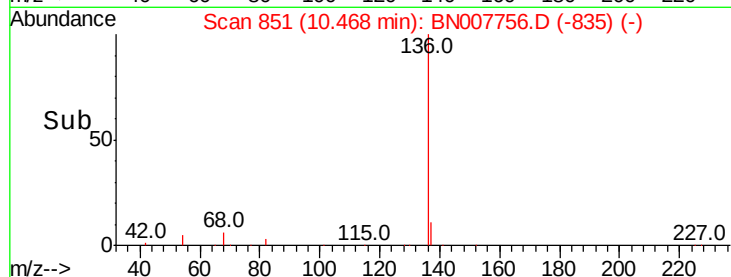


Abundance Ion 136.00 (135.70 to 136.70): E

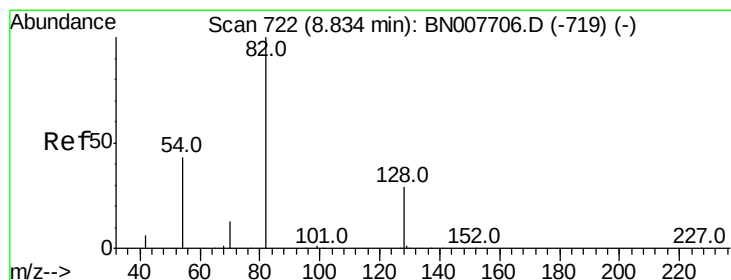
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.209 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

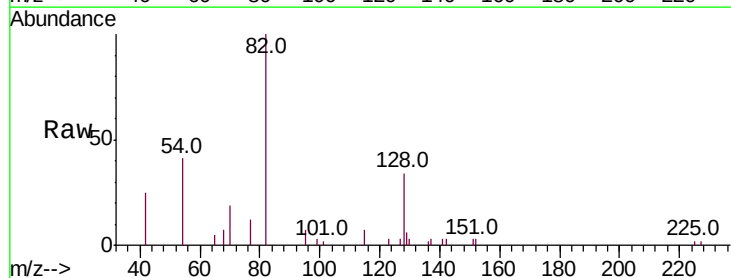
Tgt Ion: 82 Resp: 5085

Ion Ratio Lower Upper

82 100

128 33.5 24.5 36.7

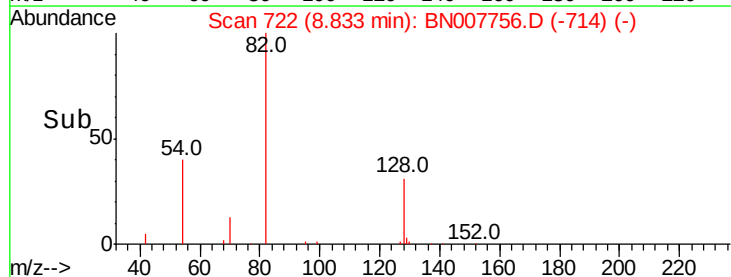
54 41.3 35.2 52.8



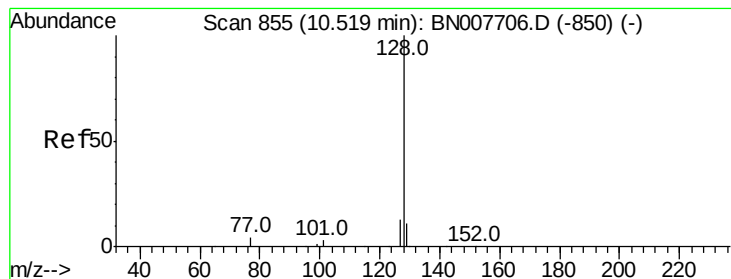
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.395 ng

RT: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

Instrument :

BNA_N

ClientSampled :

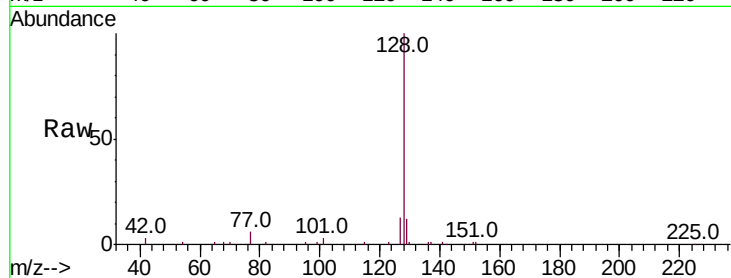
Tot Ion:128 Resp: 30874

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

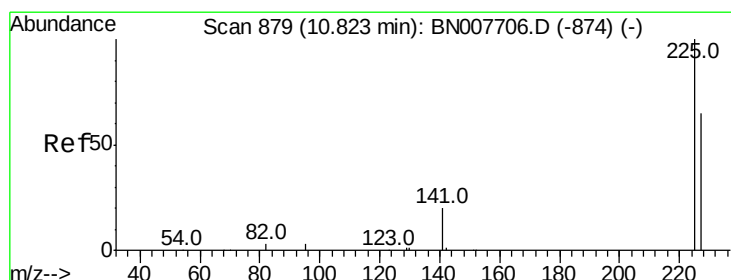
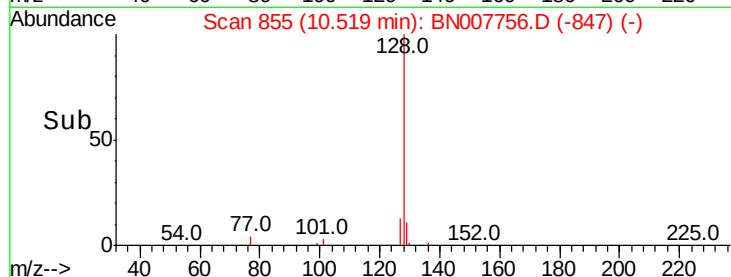
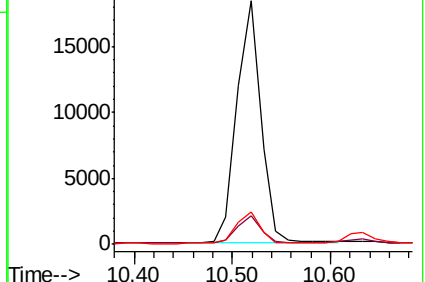
127 13.3 10.6 15.8



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: 0.204 ng

RT: 10.82 min Scan# 879

Delta R.T. -0.00 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

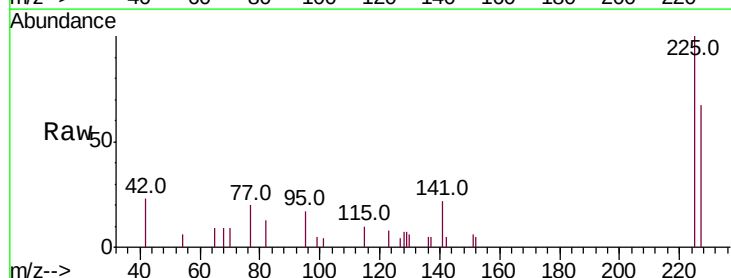
Tgt Ion:225 Resp: 3352

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

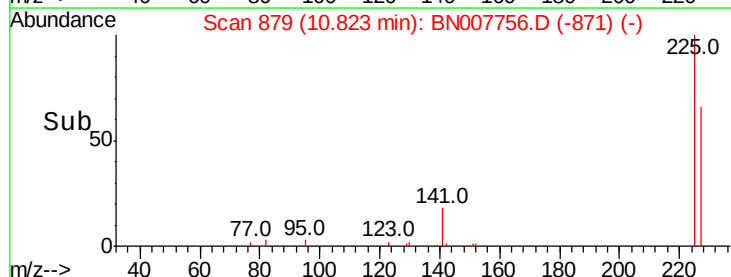
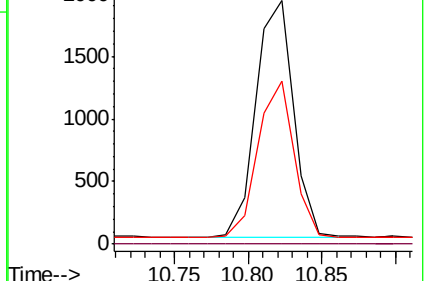
227 63.6 51.2 76.8

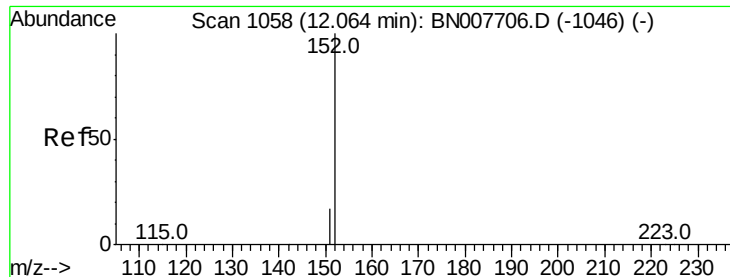


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

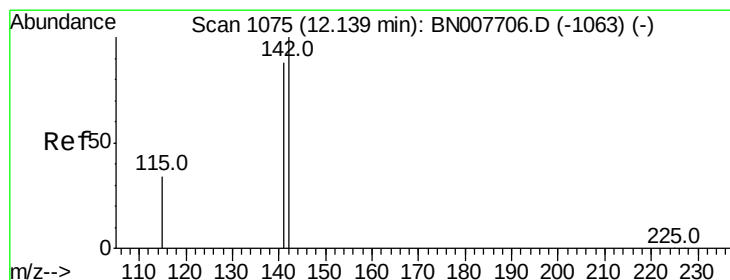
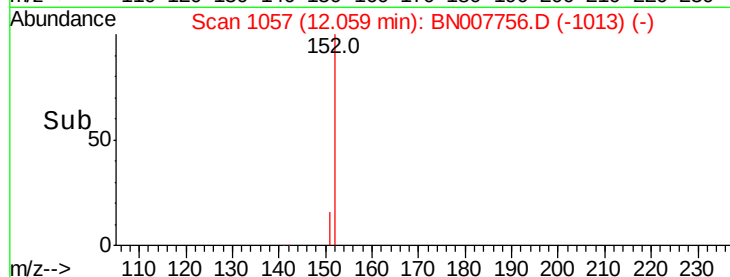
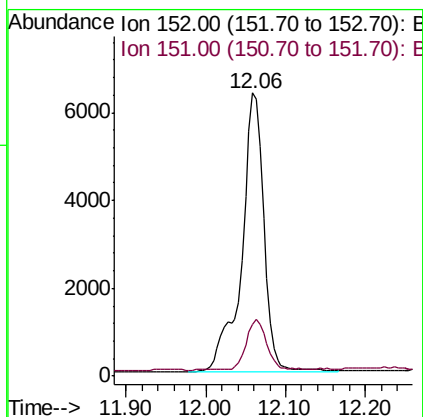
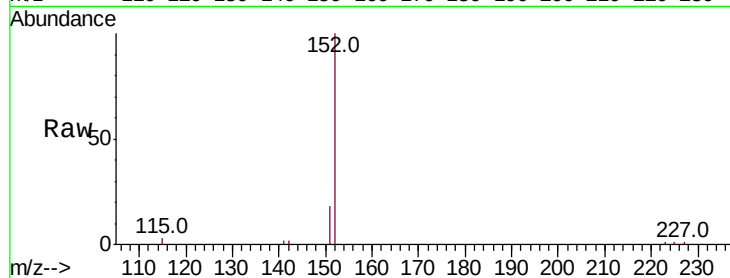




#11
2-Methylnaphthalene-d10
Concen: 0.260 ng
RT: 12.06 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BN007756.D
Acq: 20 Sep 2019 00:09

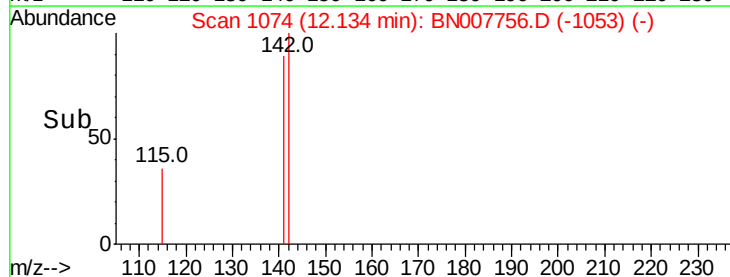
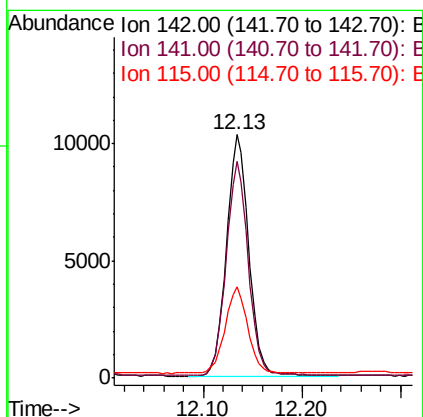
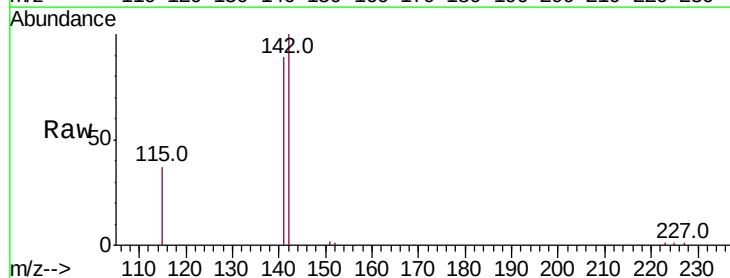
Instrument :
BNA_N
ClientSampleId :

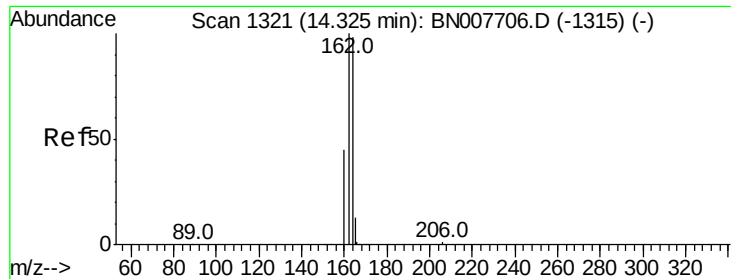
Tot Ion:152 Resp: 12224
Ion Ratio Lower Upper
152 100
151 16.8 15.4 23.2



#12
2-Methylnaphthalene
Concen: 0.306 ng
RT: 12.13 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BN007756.D
Acq: 20 Sep 2019 00:09

Tgt Ion:142 Resp: 16176
Ion Ratio Lower Upper
142 100
141 89.1 70.6 106.0
115 37.3 28.3 42.5

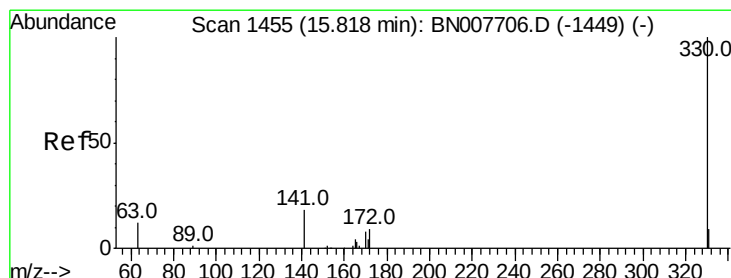
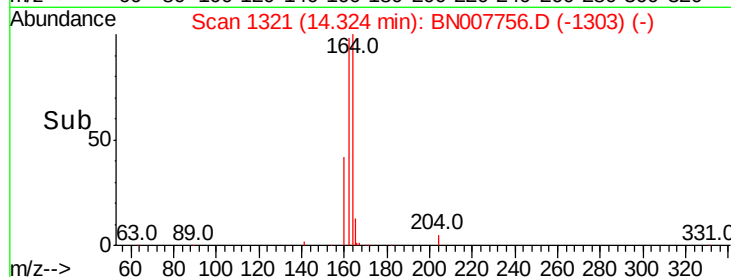
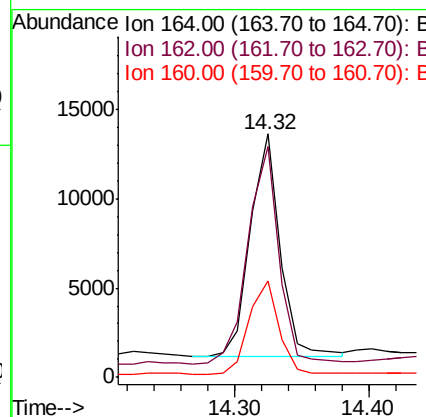
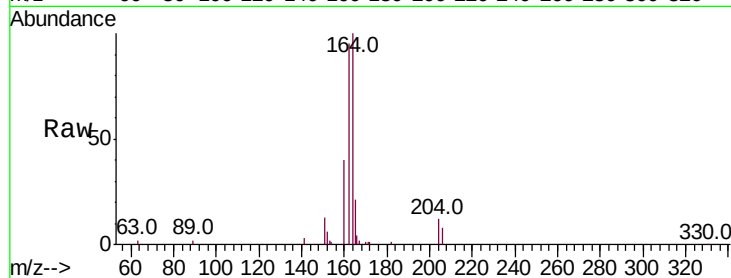




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.32 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BN007756.D
 Acq: 20 Sep 2019 00:09

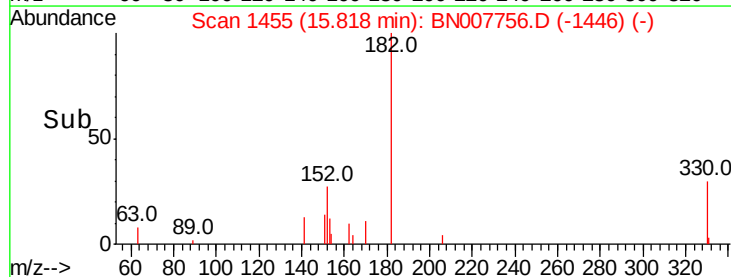
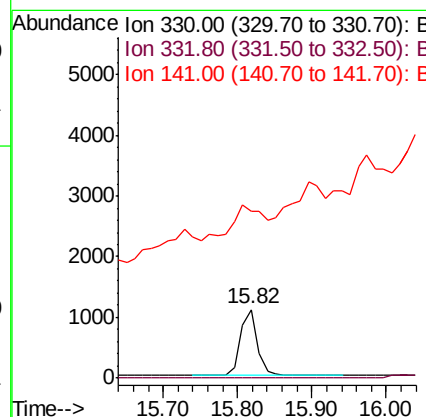
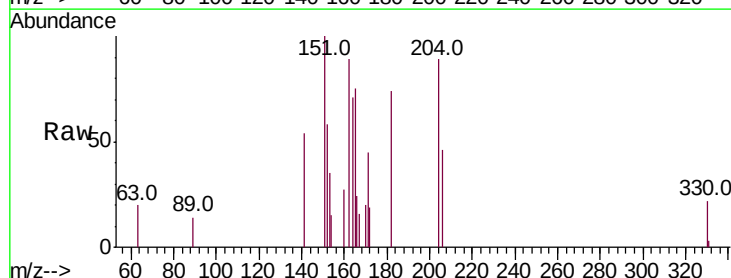
Instrument :
 BNA_N
 ClientSampleId :

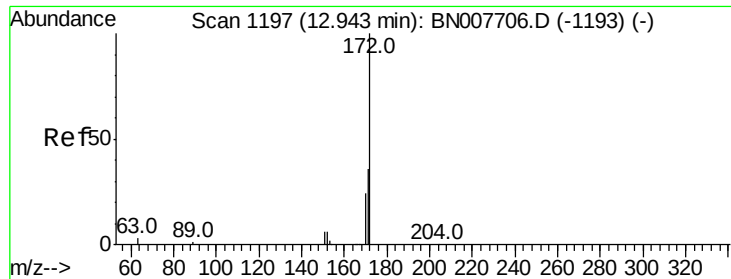
Tot Ion:164 Resp: 19276
 Ion Ratio Lower Upper
 164 100
 162 94.8 81.7 122.5
 160 39.6 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.162 ng
 RT: 15.82 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BN007756.D
 Acq: 20 Sep 2019 00:09

Tgt Ion:330 Resp: 1698
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 101.0 28.7 43.1#

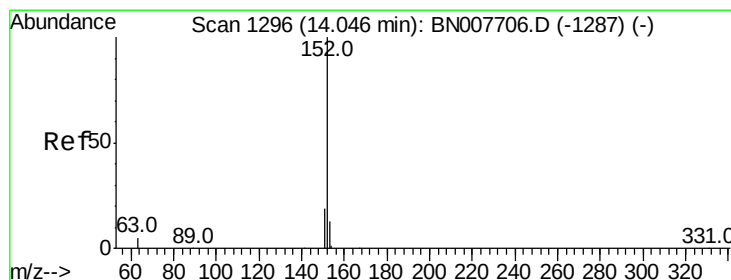
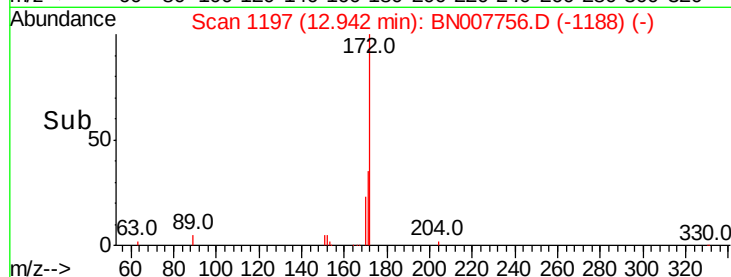
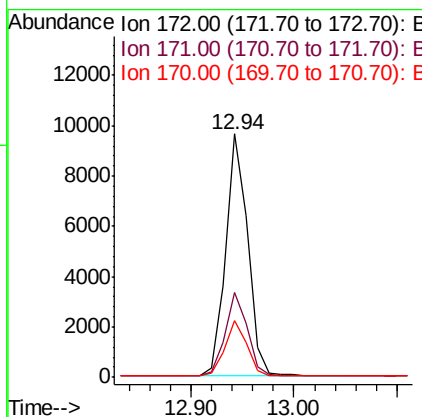
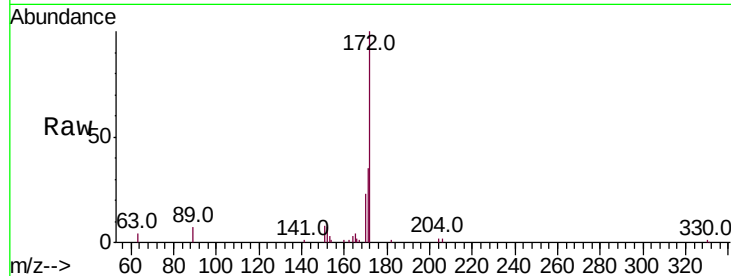




#15
2-Fluorobiphenyl
Concen: 0.179 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007756.D
Acq: 20 Sep 2019 00:09

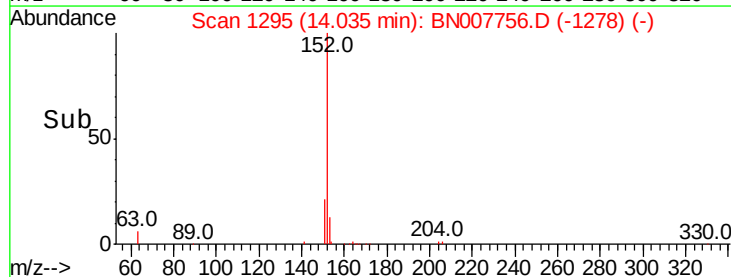
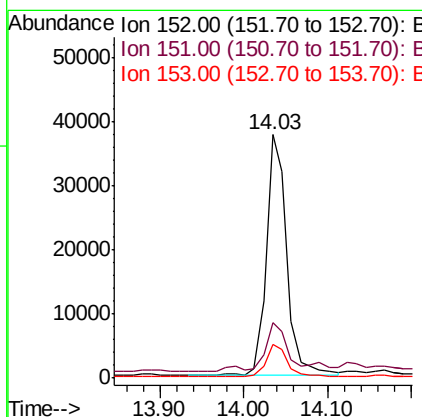
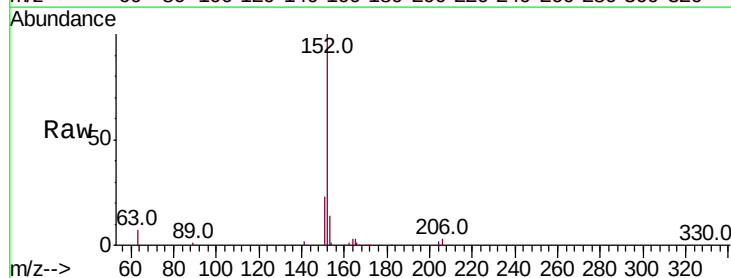
Instrument :
BNA_N
ClientSampleId :

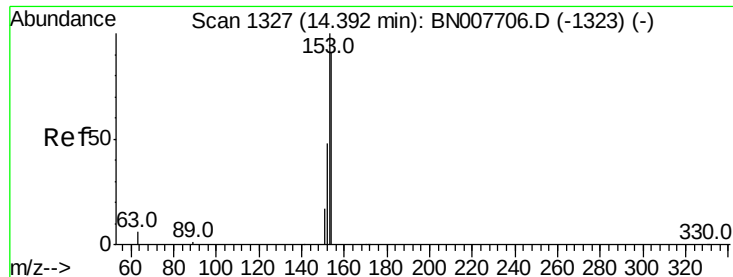
Tot Ion:172 Resp: 14238
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.4 19.5 29.3



#16
Acenaphthylene
Concen: 0.629 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007756.D
Acq: 20 Sep 2019 00:09

Tgt Ion:152 Resp: 64296
Ion Ratio Lower Upper
152 100
151 23.4 15.5 23.3#
153 13.8 10.4 15.6





#17

Acenaphthene

Concen: 0.352 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

Instrument :

BNA_N

ClientSampled :

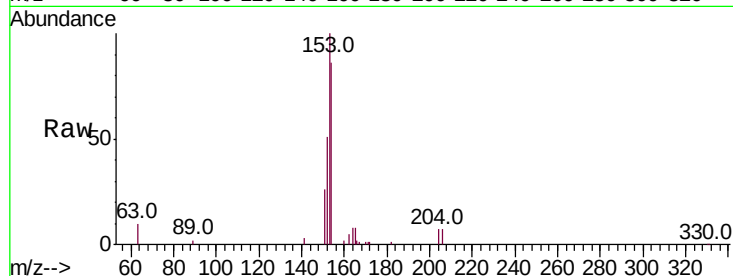
Tot Ion:154 Resp: 23168

Ion Ratio Lower Upper

154 100

153 111.2 87.0 130.4

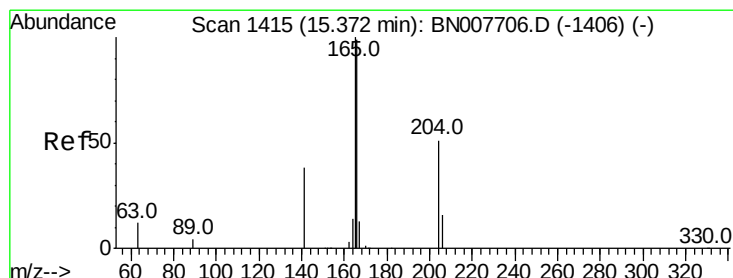
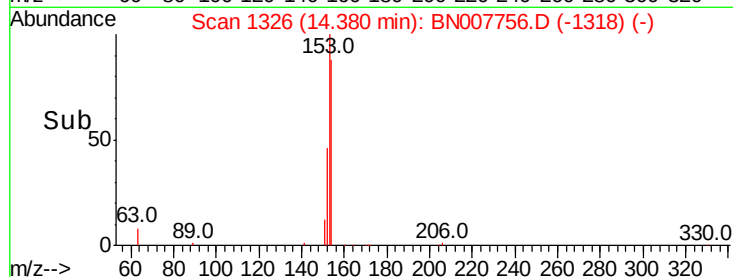
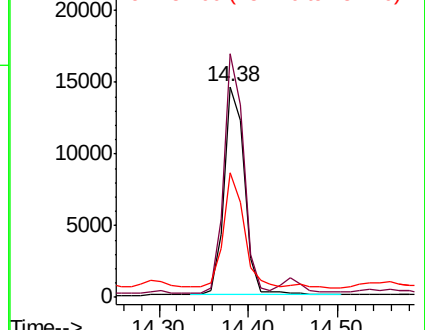
152 54.2 42.7 64.1



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: 0.333 ng

RT: 15.37 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

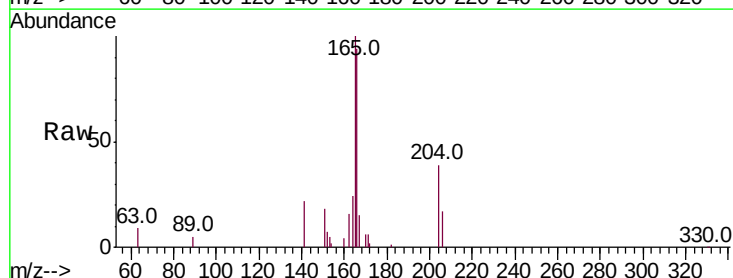
Tgt Ion:166 Resp: 28133

Ion Ratio Lower Upper

166 100

165 98.7 78.0 117.0

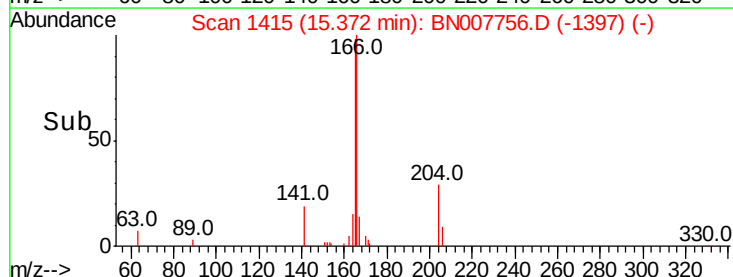
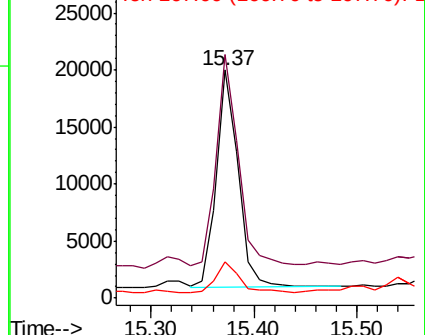
167 16.0 10.9 16.3

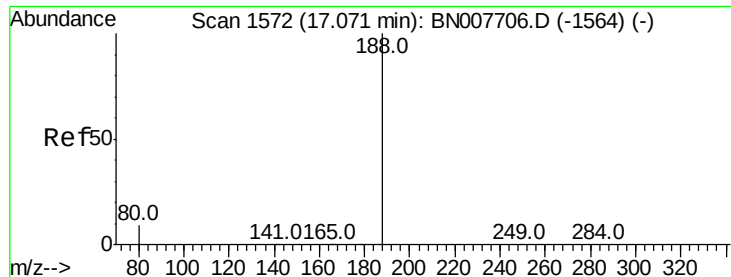


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

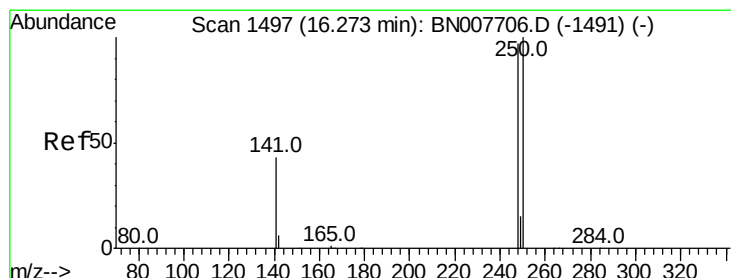
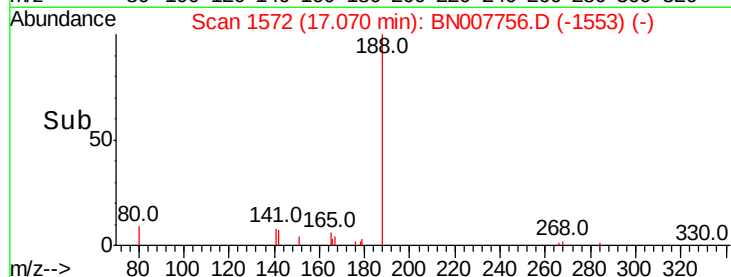
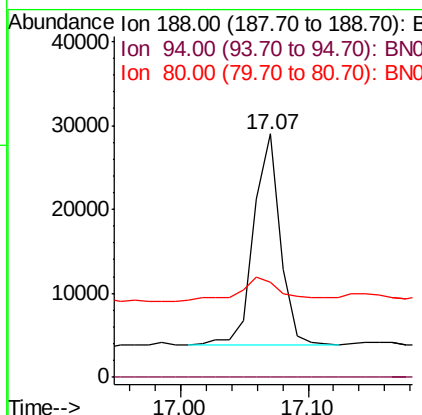
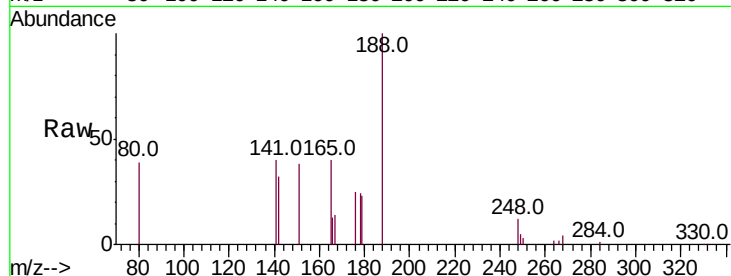




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.07 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BN007756.D
 Acq: 20 Sep 2019 00:09

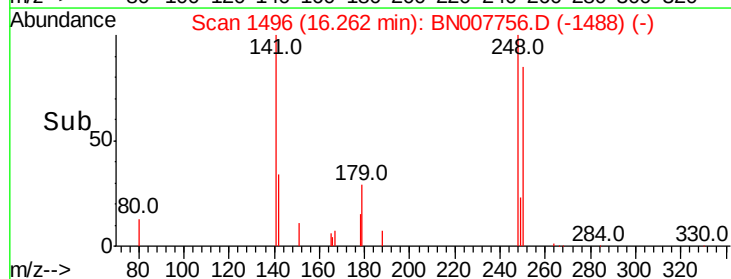
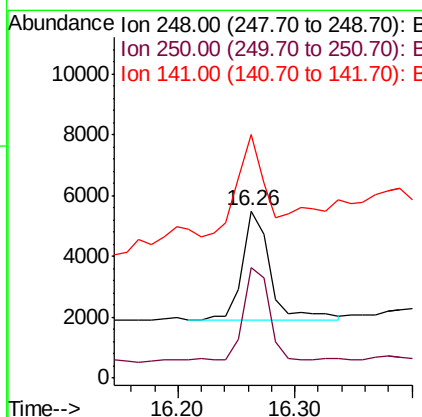
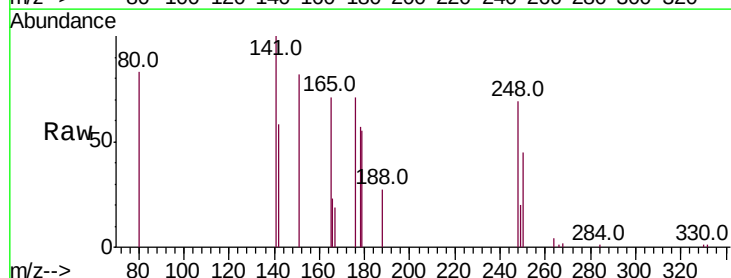
Instrument :
 BNA_N
 ClientSampleId :

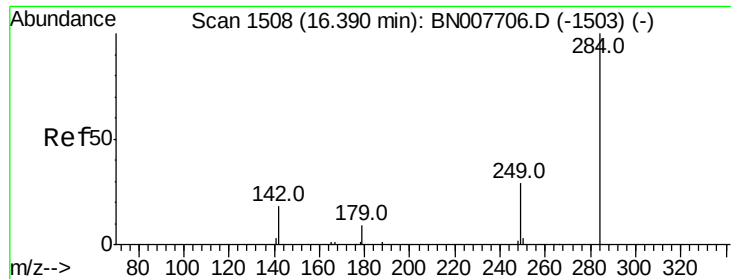
Tot Ion:188 Resp: 36907
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 39.3 7.4 11.2#



#20
 4-Bromophenyl-phenylether
 Concen: 0.264 ng
 RT: 16.26 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BN007756.D
 Acq: 20 Sep 2019 00:09

Tgt Ion:248 Resp: 5907
 Ion Ratio Lower Upper
 248 100
 250 66.0 82.2 123.4#
 141 145.7 36.3 54.5#

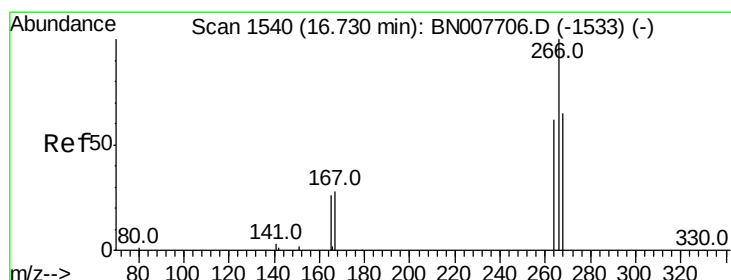
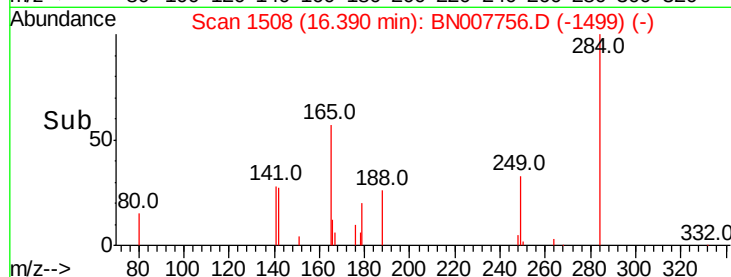
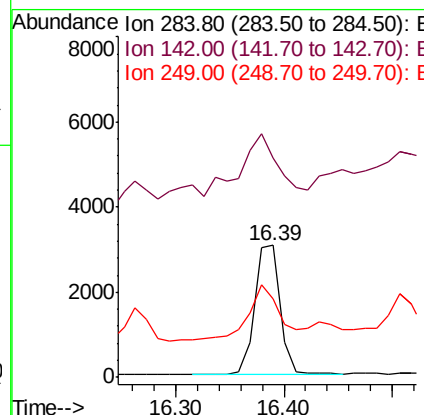
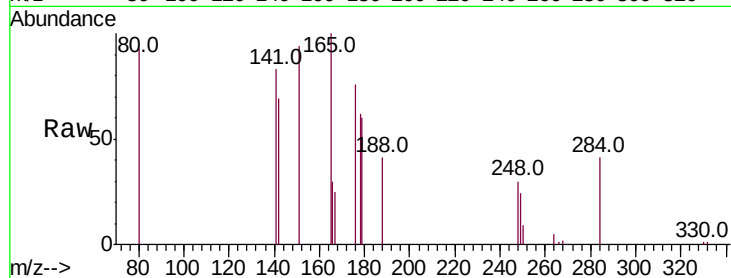




#21
Hexachlorobenzene
Concen: 0.198 ng
RT: 16.39 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BN007756.D
Acq: 20 Sep 2019 00:09

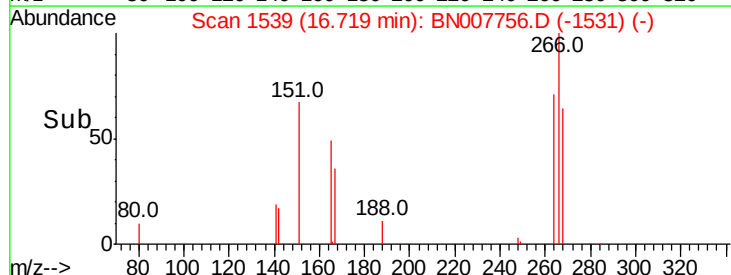
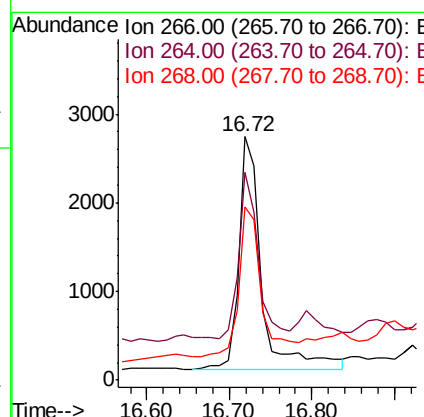
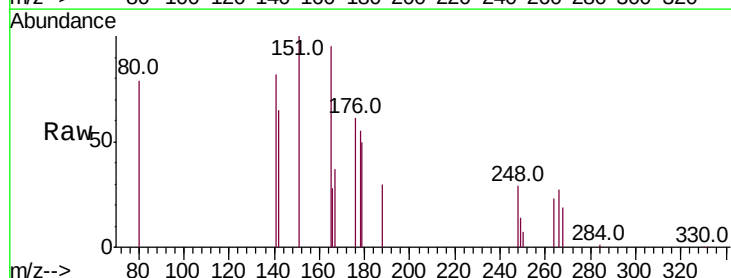
Instrument :
BNA_N
ClientSampled :

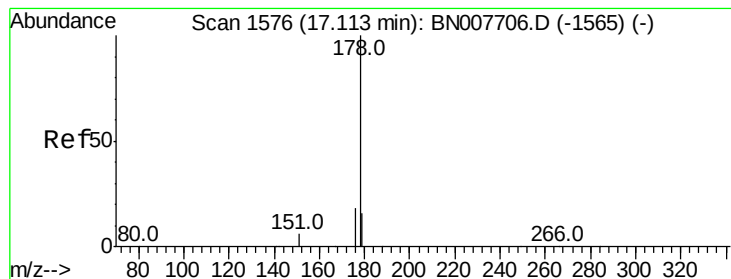
Tot Ion:284 Resp: 4851
Ion Ratio Lower Upper
284 100
142 71.7 25.8 38.6#
249 52.4 25.9 38.9#



#22
Pentachlorophenol
Concen: 0.561 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007756.D
Acq: 20 Sep 2019 00:09

Tgt Ion:266 Resp: 5062
Ion Ratio Lower Upper
266 100
264 85.4 50.0 75.0#
268 71.3 54.2 81.4





#23

Phenanthrene

Concen: 2.603 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

Instrument :

BNA_N

ClientSampled :

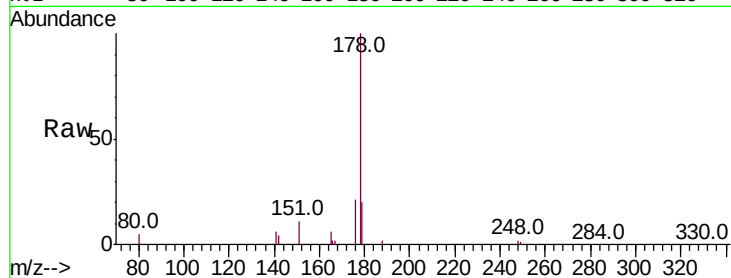
Tot Ion:178 Resp: 299308

Ion Ratio Lower Upper

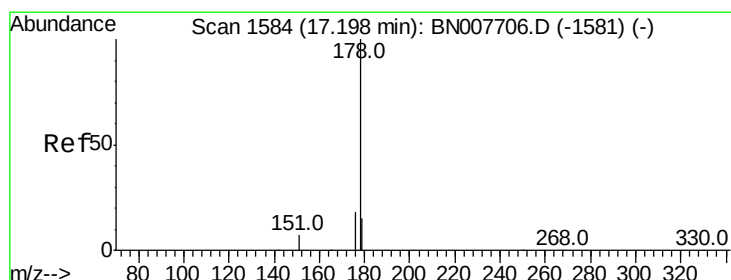
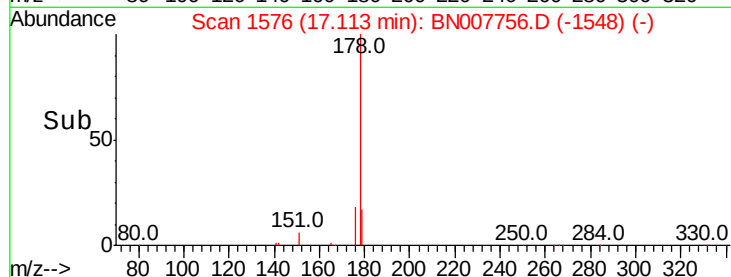
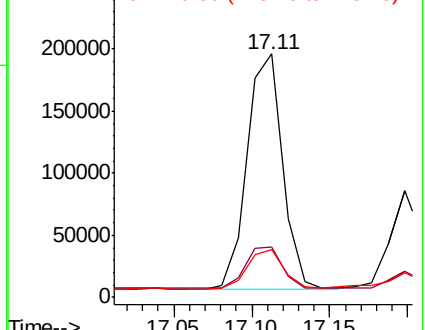
178 100

176 19.6 14.9 22.3

179 17.6 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: 1.053 ng

RT: 17.20 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

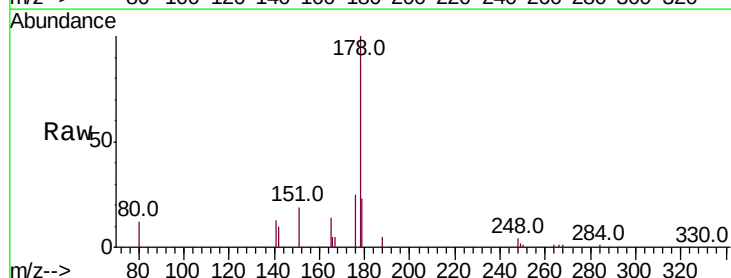
Tgt Ion:178 Resp: 109321

Ion Ratio Lower Upper

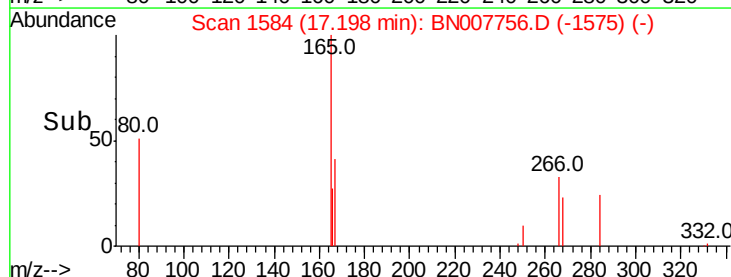
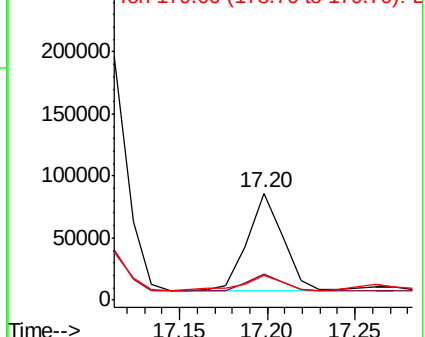
178 100

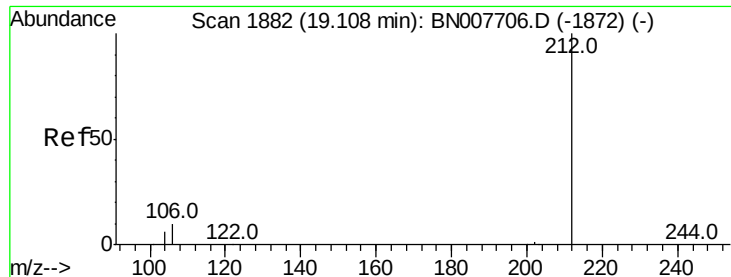
176 19.0 14.6 21.8

179 17.5 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: 0.210 ng

RT: 19.10 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

Instrument :

BNA_N

ClientSampleId :

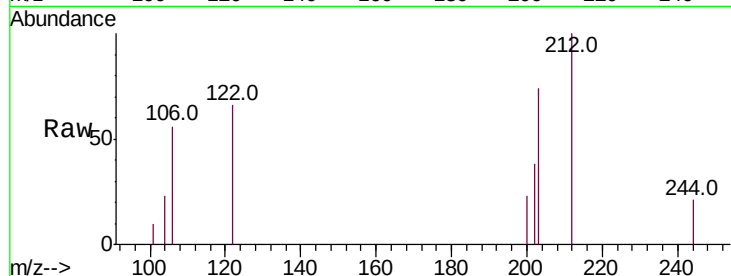
Tot Ion:212 Resp: 26163

Ion Ratio Lower Upper

212 100

106 13.6 9.4 14.0

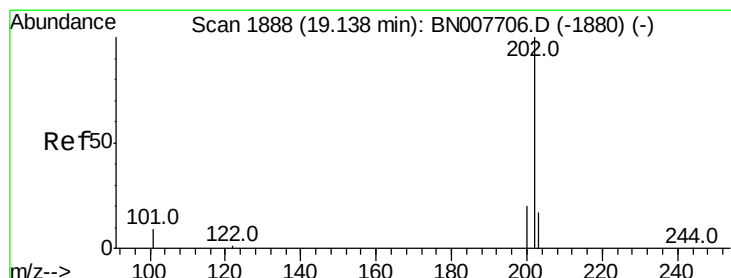
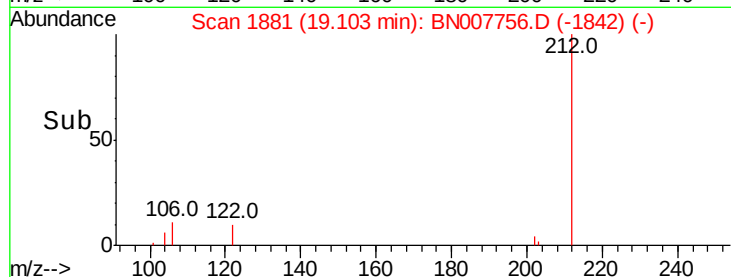
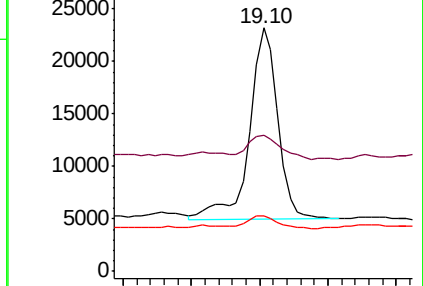
104 6.9 5.3 7.9



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: 4.612 ng

RT: 19.13 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

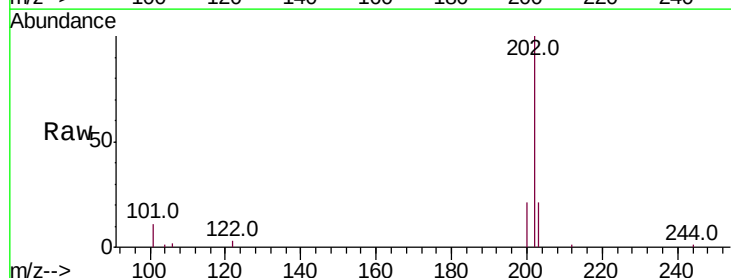
Tgt Ion:202 Resp: 659405

Ion Ratio Lower Upper

202 100

101 10.2 8.4 12.6

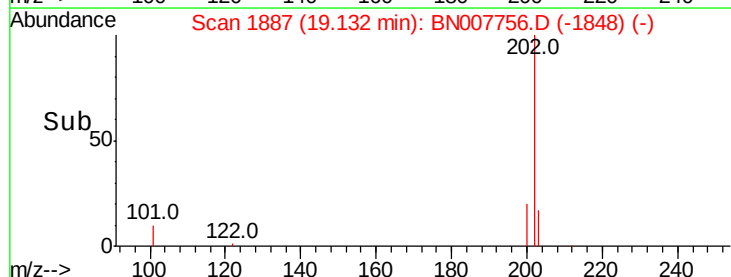
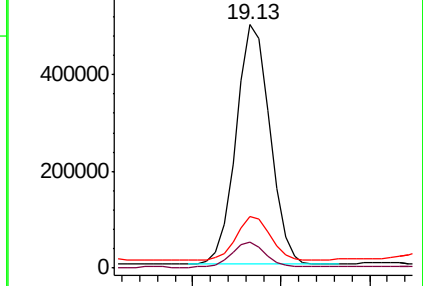
203 17.8 13.8 20.8

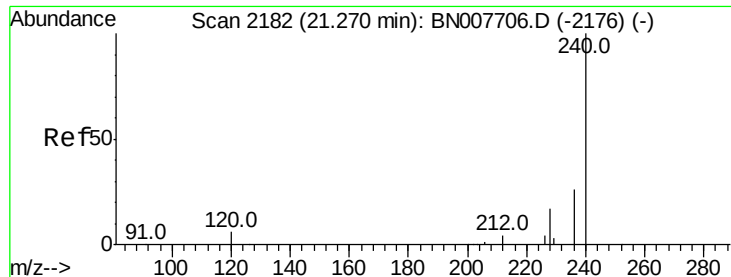


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2181

Delta R.T. -0.01 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

Instrument :

BNA_N

ClientSampleId :

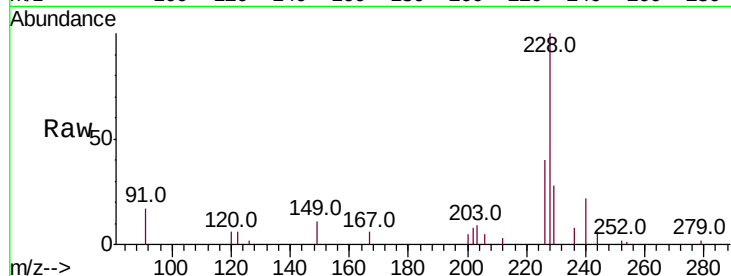
Tot Ion:240 Resp: 41016

Ion Ratio Lower Upper

240 100

120 29.3 5.4 8.2#

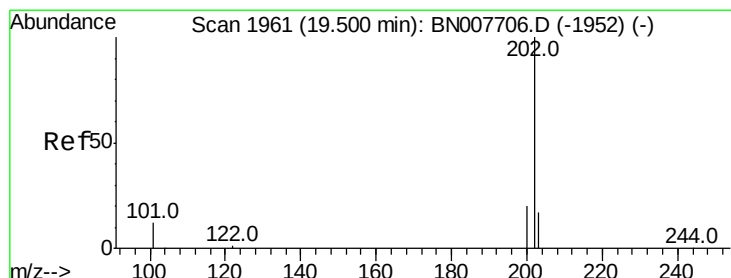
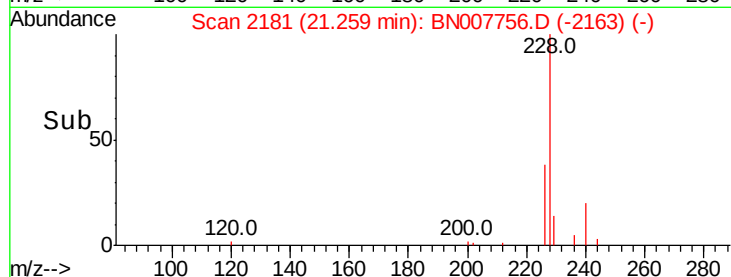
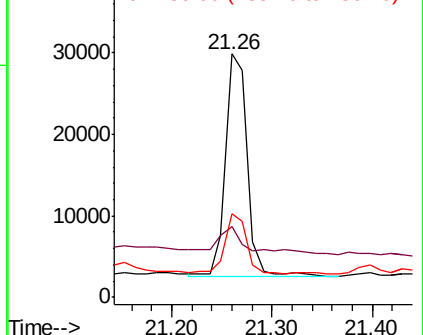
236 34.3 21.0 31.4#



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: 4.600 ng

RT: 19.49 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

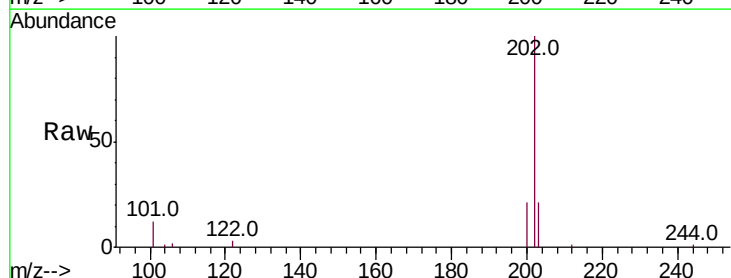
Tgt Ion:202 Resp: 643522

Ion Ratio Lower Upper

202 100

200 20.8 16.4 24.6

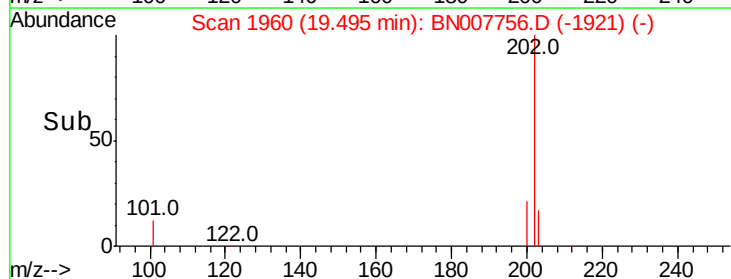
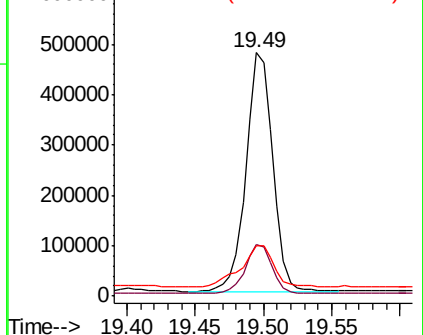
203 22.2 14.1 21.1#

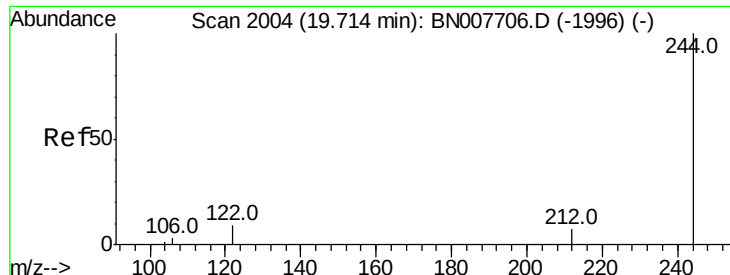


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.208 ng

RT: 19.71 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

Instrument :

BNA_N

ClientSampleId :

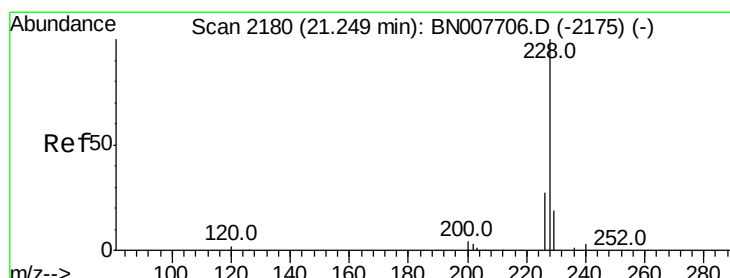
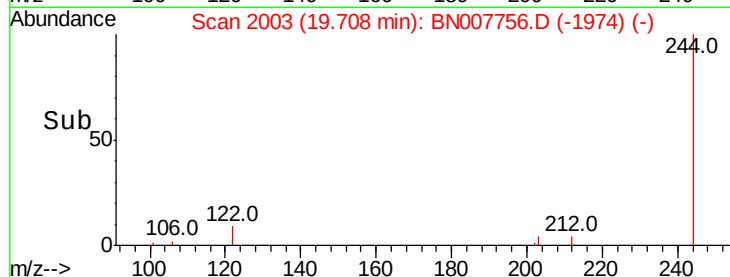
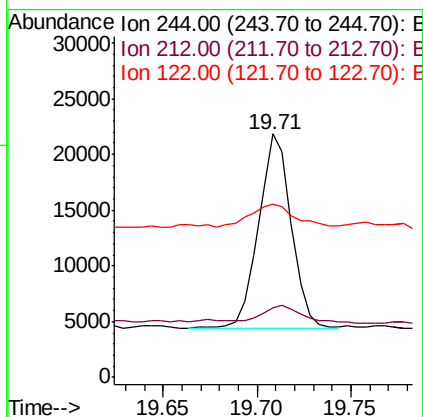
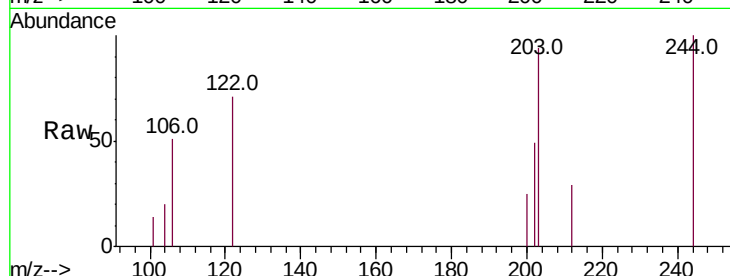
Tot Ion:244 Resp: 20996

Ion Ratio Lower Upper

244 100

212 28.8 5.9 8.9#

122 71.4 7.4 11.2#



#30

Benzo(a)anthracene

Concen: 3.134 ng

RT: 21.25 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

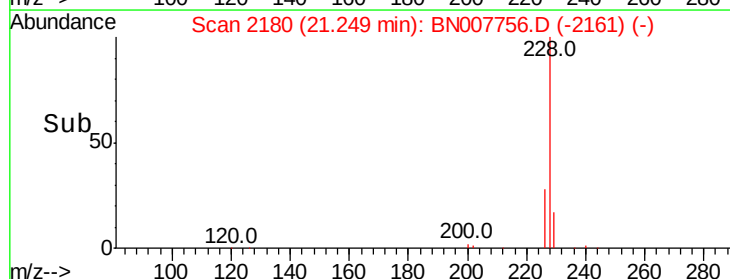
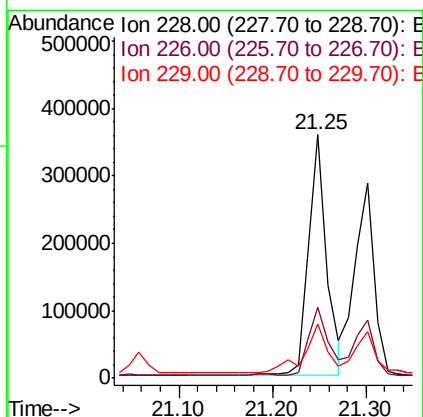
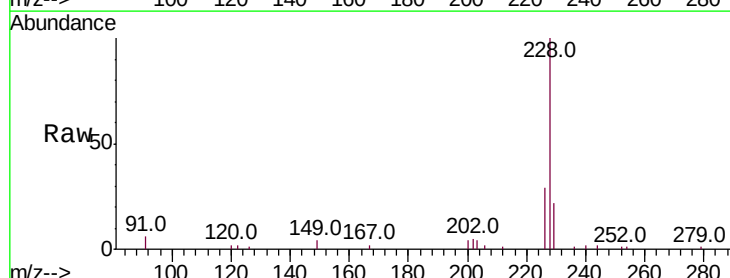
Tgt Ion:228 Resp: 473420

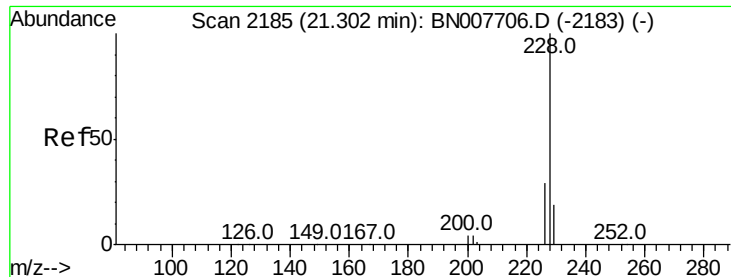
Ion Ratio Lower Upper

228 100

226 29.3 22.1 33.1

229 22.3 15.8 23.6





#31

Chrysene

Concen: 3.084 ng

RT: 21.25 min Scan# 2180

Delta R.T. -0.05 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

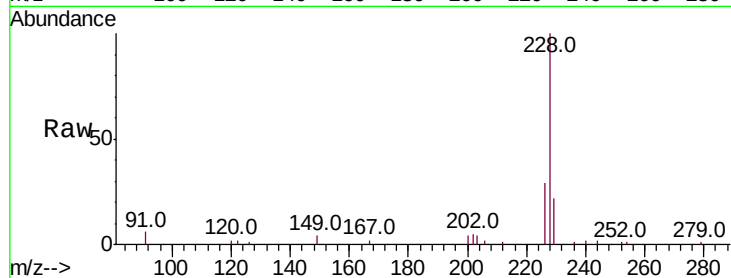
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 454003

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.9	35.9
229	22.3	15.8	23.6

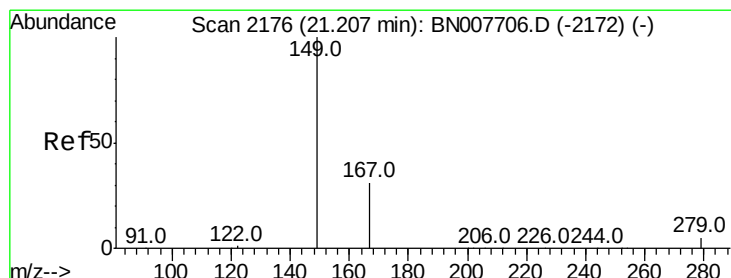
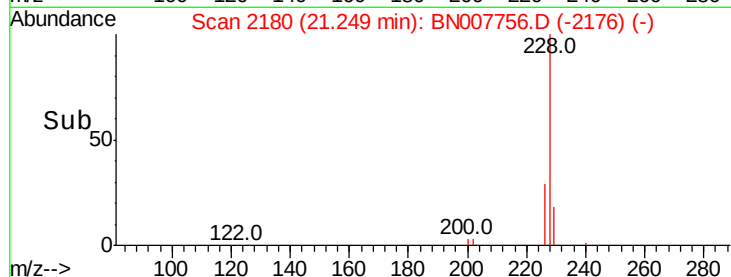
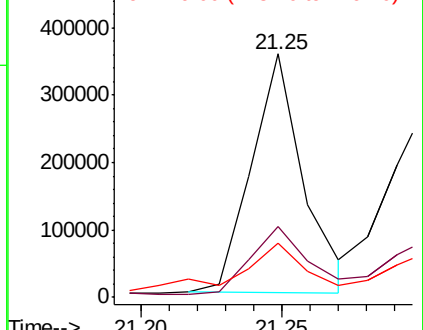


Abundance

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: 0.695 ng

RT: 21.20 min Scan# 2175

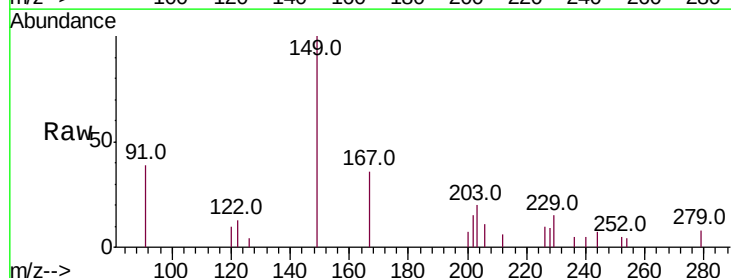
Delta R.T. -0.01 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

Tgt Ion:149 Resp: 54011

Ion	Ratio	Lower	Upper
149	100		
167	37.0	23.7	35.5#
279	6.7	4.2	6.2#

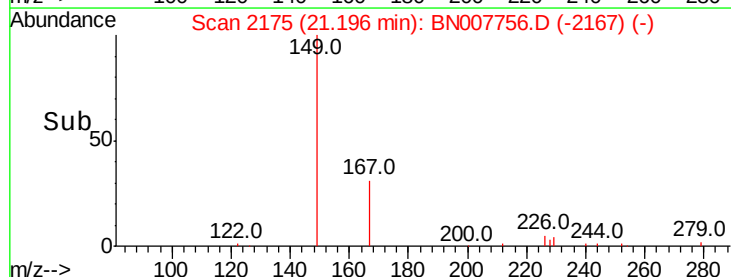
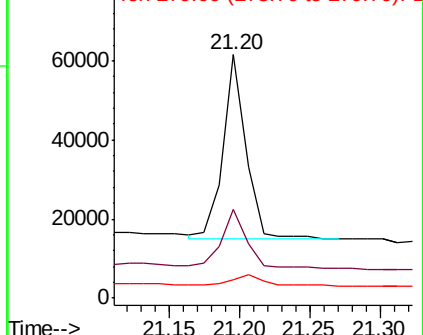


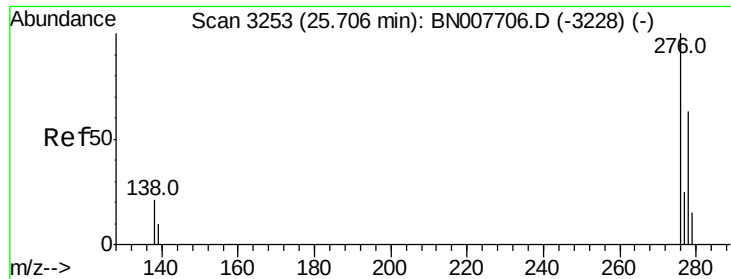
Abundance

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: 1.650 ng

RT: 25.69 min Scan# 3249

Delta R.T. -0.01 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

Instrument :

BNA_N

ClientSampleId :

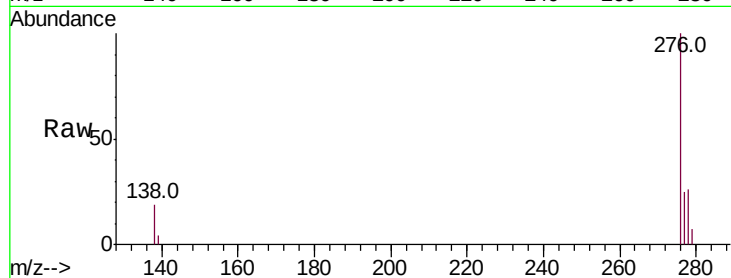
Tot Ion:276 Resp: 304142

Ion Ratio Lower Upper

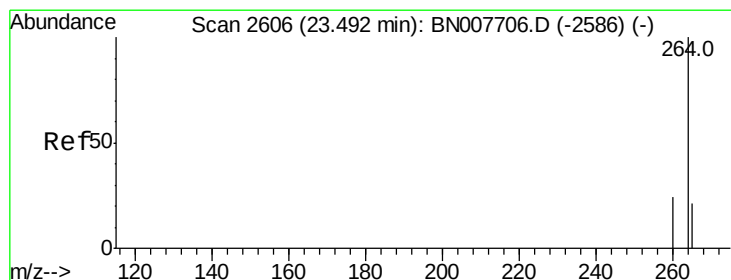
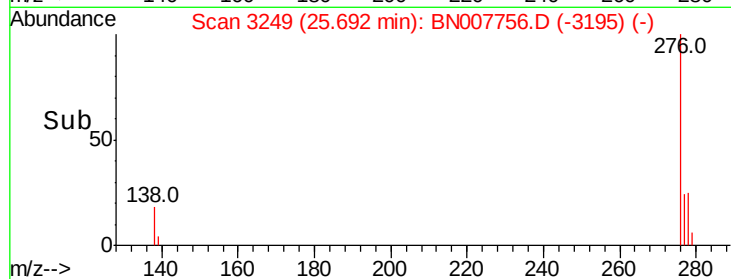
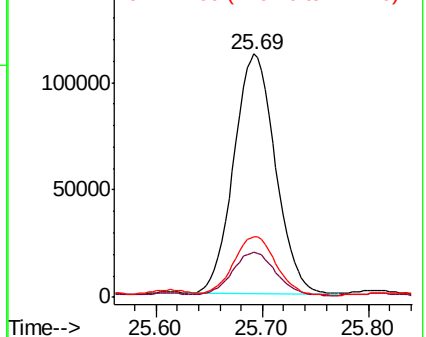
276 100

138 18.6 17.1 25.7

277 24.8 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: 23.48 min Scan# 2603

Delta R.T. -0.01 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

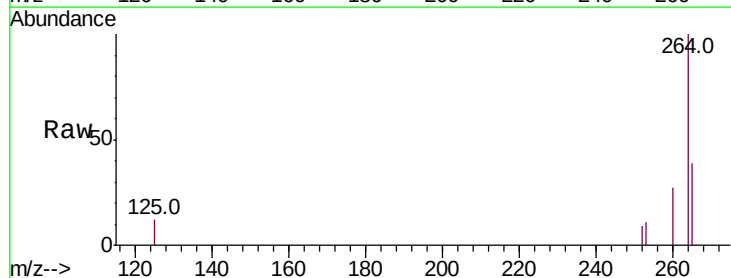
Tgt Ion:264 Resp: 46702

Ion Ratio Lower Upper

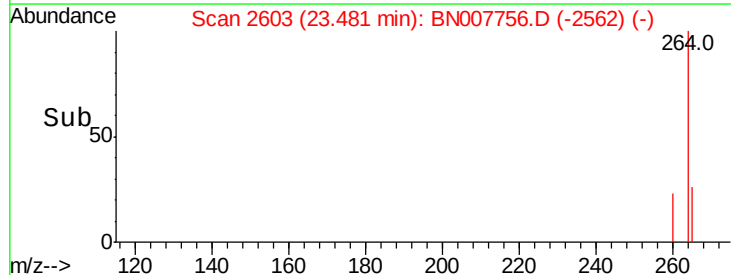
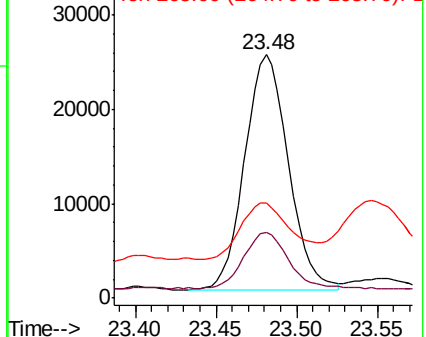
264 100

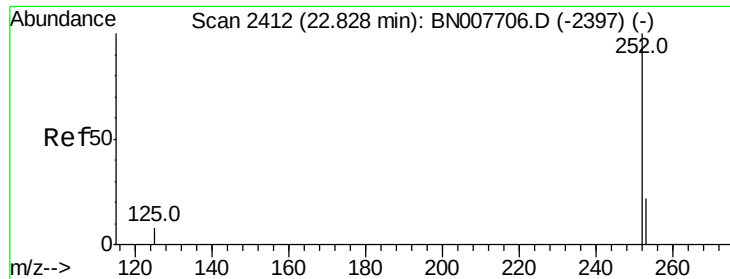
260 26.7 19.3 28.9

265 39.0 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: 3.855 ng

RT: 22.82 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

Instrument :

BNA_N

ClientSampleId :

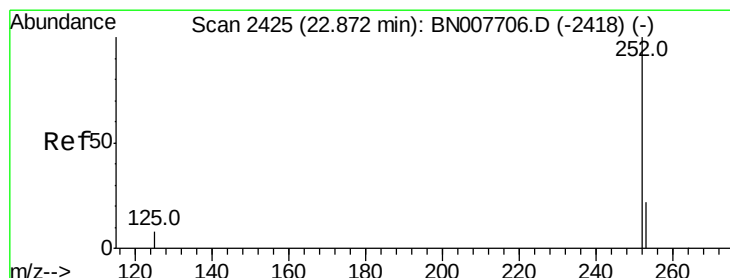
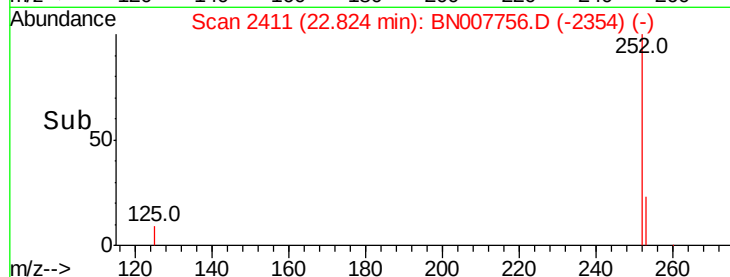
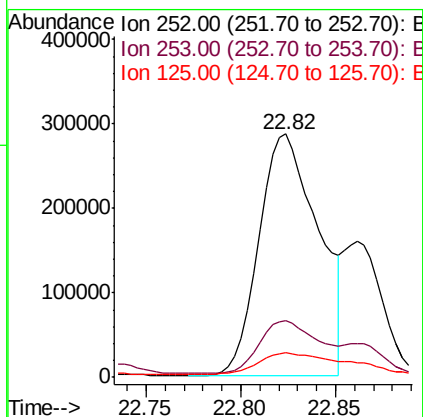
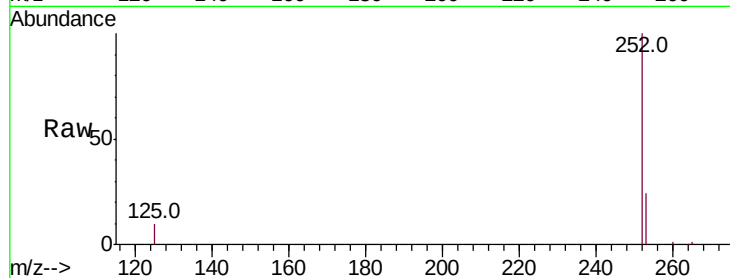
Tot Ion:252 Resp: 624967

Ion Ratio Lower Upper

252 100

253 23.5 18.3 27.5

125 10.1 8.2 12.4



#36

Benzo(k)fluoranthene

Concen: 3.898 ng

RT: 22.82 min Scan# 2411

Delta R.T. -0.05 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

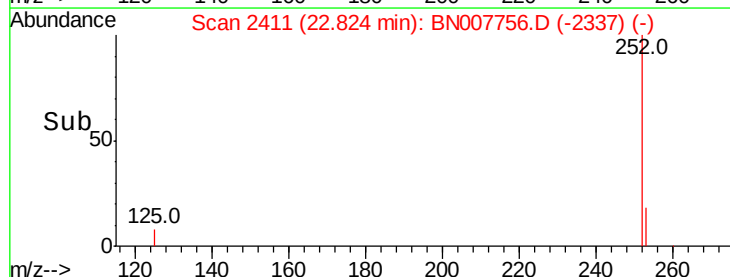
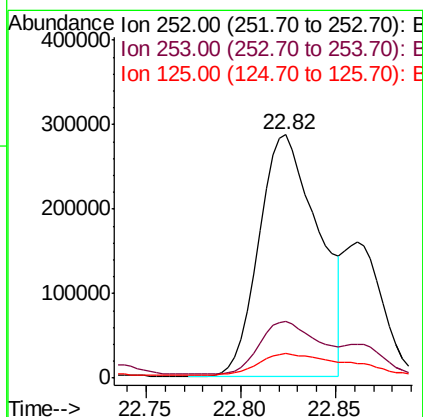
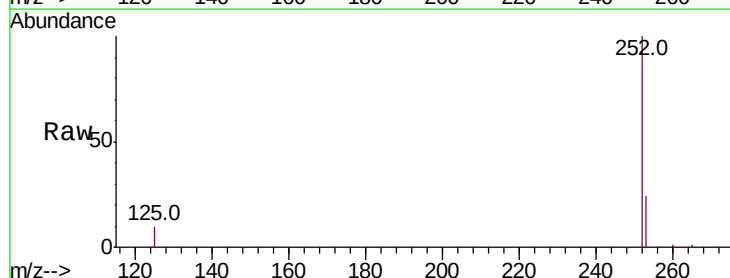
Tgt Ion:252 Resp: 624967

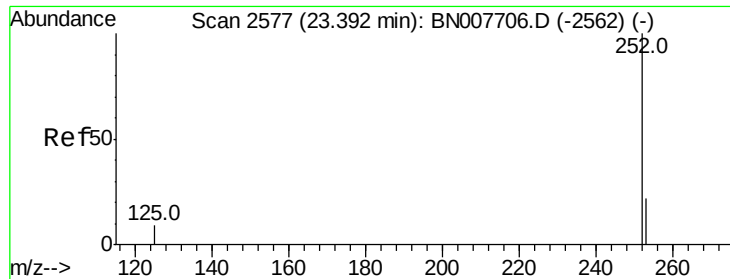
Ion Ratio Lower Upper

252 100

253 23.5 18.5 27.7

125 10.1 8.4 12.6





#37

Benzo(a)pyrene

Concen: 2.774 ng

RT: 23.39 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

Instrument :

BNA_N

ClientSampleId :

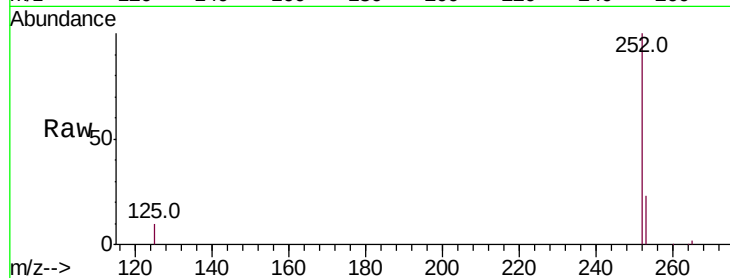
Tot Ion:252 Resp: 422633

Ion Ratio Lower Upper

252 100

253 23.4 18.6 27.8

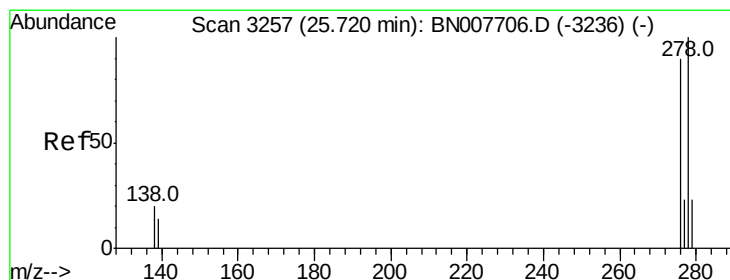
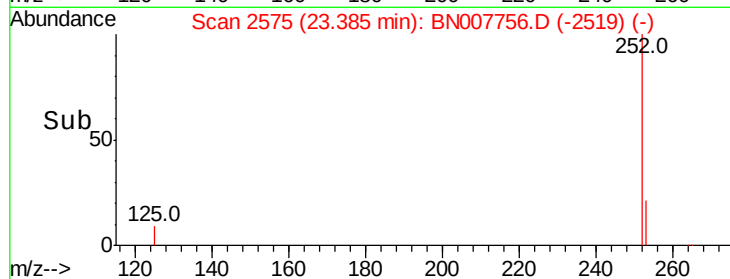
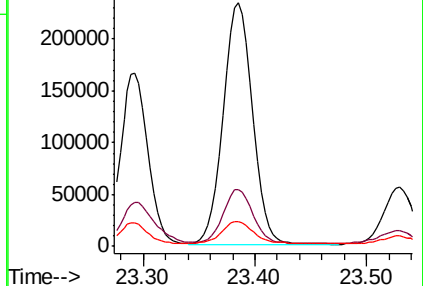
125 10.3 9.4 14.0



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: 0.657 ng

RT: 25.70 min Scan# 3252

Delta R.T. -0.02 min

Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

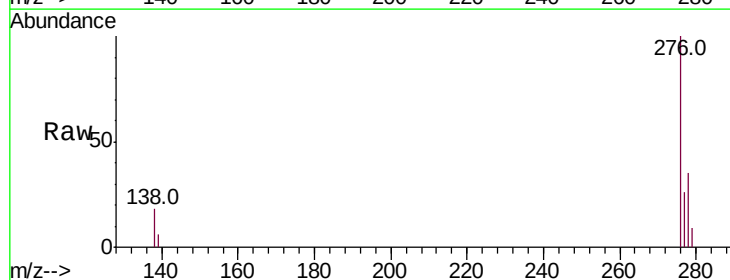
Tgt Ion:278 Resp: 102382

Ion Ratio Lower Upper

278 100

139 16.0 11.8 17.6

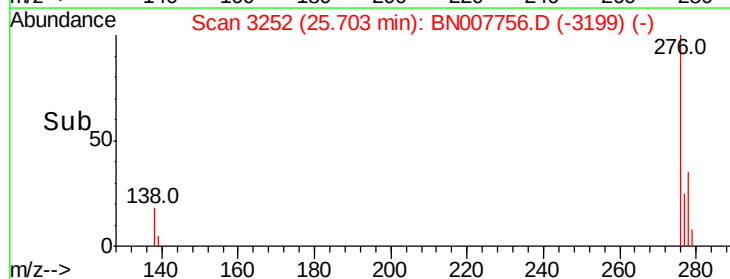
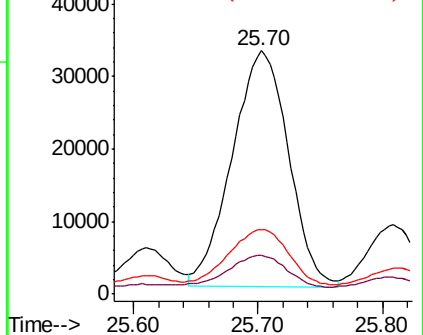
279 26.5 19.4 29.2

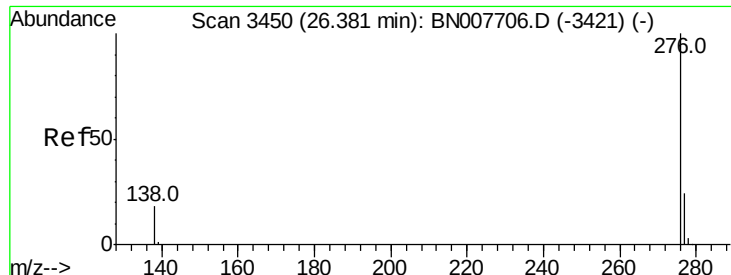


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.898 ng

RT: 26.37 min Scan# 3446

Delta R.T. -0.01 min

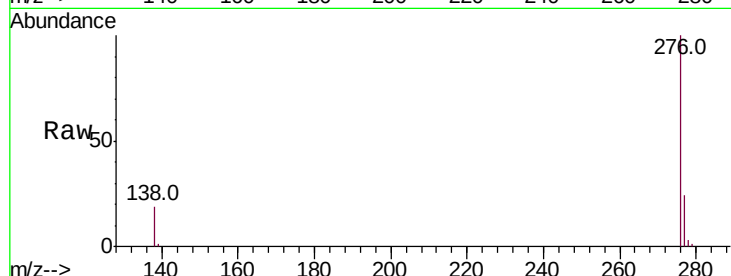
Lab File: BN007756.D

Acq: 20 Sep 2019 00:09

Instrument :

BNA_N

ClientSampleId :



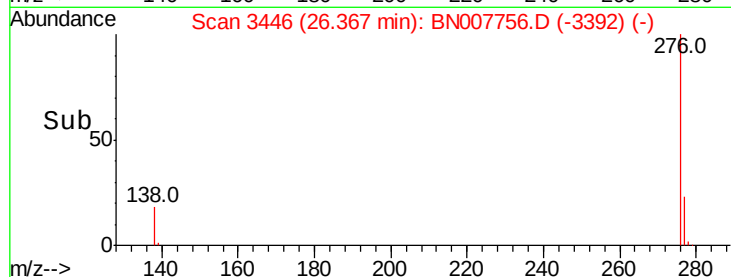
Tot Ion:276 Resp: 292752

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.8

138 18.8 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

