

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007631.D
 Acq On : 13 Sep 2019 17:38
 Operator : HP/JU
 Sample : K4858-07MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20190909MS

Quant Time: Sep 14 03:00:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:27:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9671	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	38129	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	19835	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	44195	0.40	ng	0.00
27) Chrysene-d12	21.27	240	43446	0.40	ng	-0.01
34) Perylene-d12	23.50	264	43626	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	4135	0.13	ng	0.00
5) Phenol-d6	6.89	99	3336	0.09	ng	0.00
8) Nitrobenzene-d5	8.86	82	9202	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	25988	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2114	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	32280	0.37	ng	0.00
25) Fluoranthene-d10	19.11	212	46244	0.33	ng	0.00
29) Terphenyl-d14	19.72	244	40632	0.35	ng	0.00

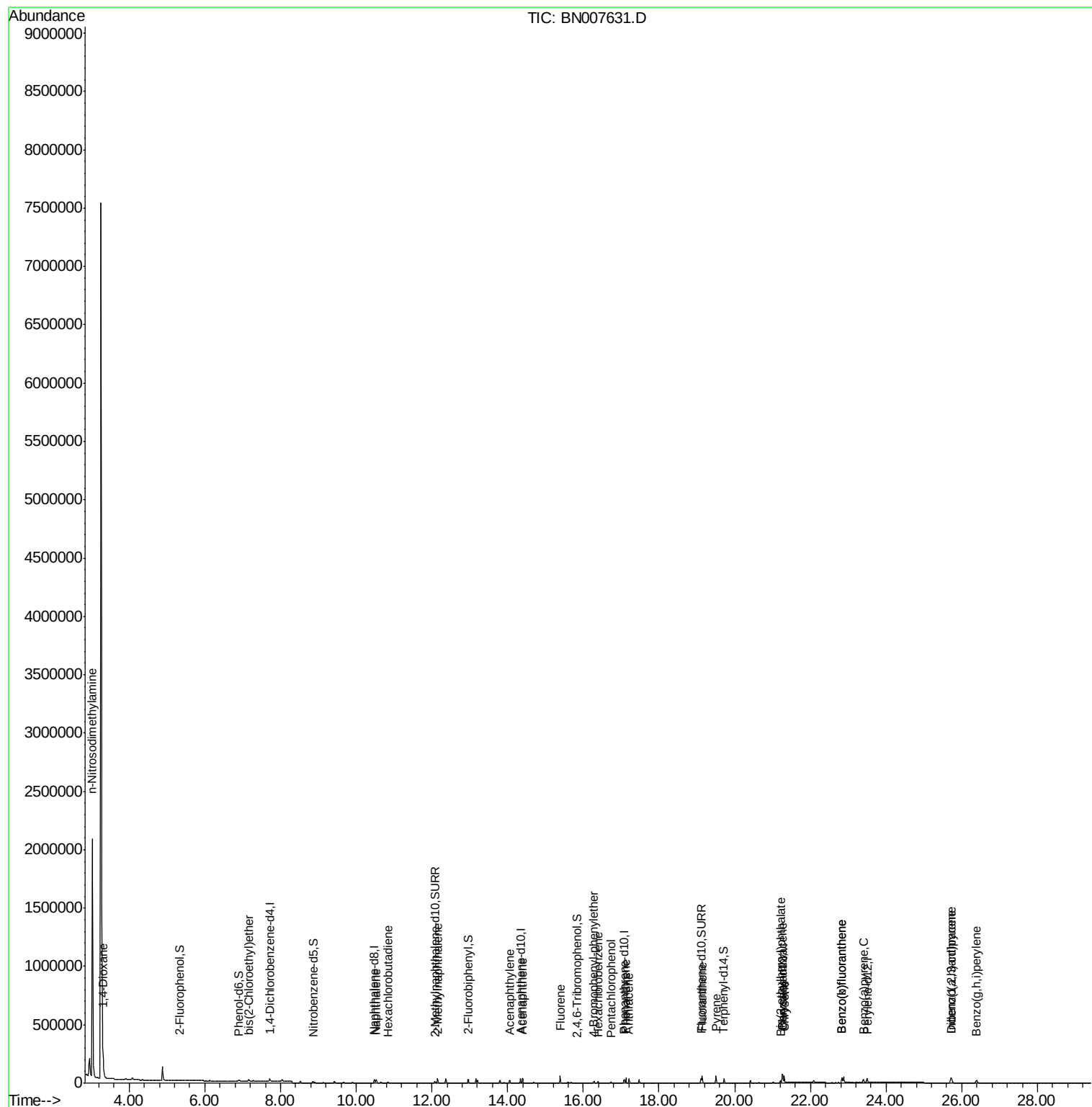
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	62332	5.379	ng	90
3) n-Nitrosodimethylamine	3.03	42	174905	33.262	ng	# 1
6) bis(2-Chloroethyl)ether	7.15	93	11518	0.406	ng	97
9) Naphthalene	10.53	128	37898	0.347	ng	99
10) Hexachlorobutadiene	10.84	225	6408	0.291	ng	# 100
12) 2-Methylnaphthalene	12.15	142	25031	0.341	ng	100
16) Acenaphthylene	14.06	152	32494	0.315	ng	100
17) Acenaphthene	14.40	154	22461	0.334	ng	99
18) Fluorene	15.38	166	28282	0.333	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	8983	0.329	ng	# 86
21) Hexachlorobenzene	16.39	284	8933	0.306	ng	99
22) Pentachlorophenol	16.73	266	3795	0.500	ng	97
23) Phenanthrene	17.12	178	47907	0.344	ng	100
24) Anthracene	17.21	178	39825	0.322	ng	100
26) Fluoranthene	19.14	202	54001	0.332	ng	99
28) Pyrene	19.51	202	55077	0.349	ng	99
30) Benzo(a)anthracene	21.26	228	50358	0.327	ng	99
31) Chrysene	21.31	228	54656	0.341	ng	98
32) Bis(2-ethylhexyl)phthalate	21.21	149	20221	0.387	ng	100
33) Indeno(1,2,3-cd)pyrene	25.71	276	56345	0.329	ng	100
35) Benzo(b)fluoranthene	22.83	252	52651	0.332	ng	98
36) Benzo(k)fluoranthene	22.83	252	52651	0.325	ng	99
37) Benzo(a)pyrene	23.40	252	48089	0.342	ng	97
38) Dibenzo(a,h)anthracene	25.73	278	46928	0.319	ng	100
39) Benzo(g,h,i)perylene	26.38	276	47067	0.323	ng	99

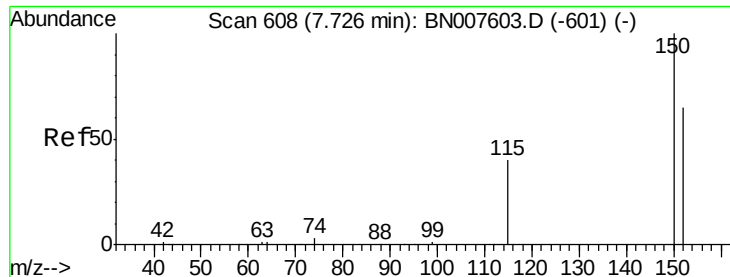
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
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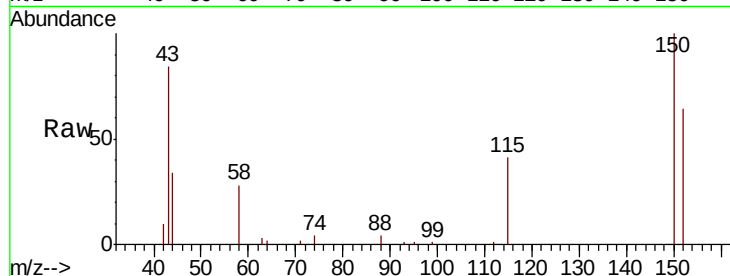


#1

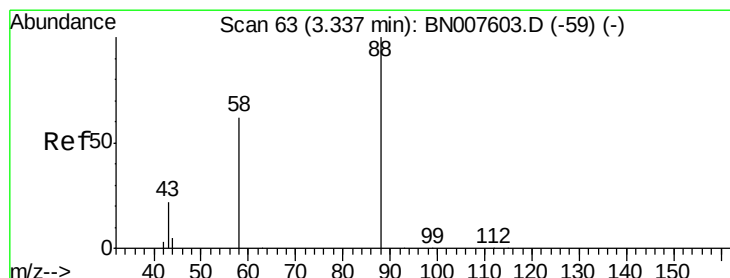
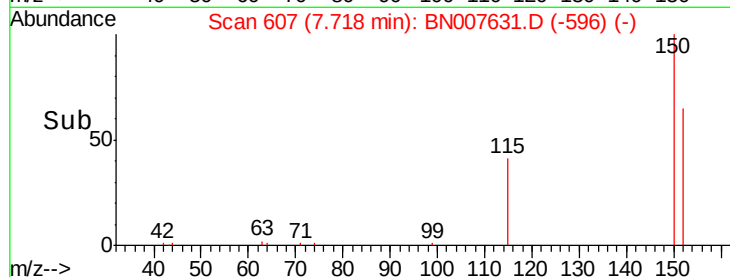
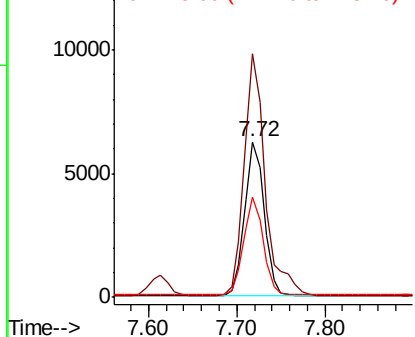
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

Tot Ion:152 Resp: 9671
Ion Ratio Lower Upper
152 100
150 156.3 122.4 183.6
115 64.6 50.4 75.6



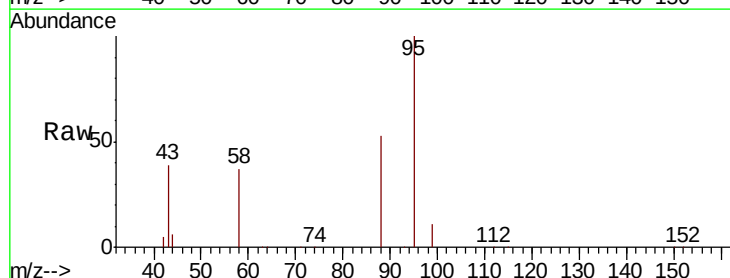
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



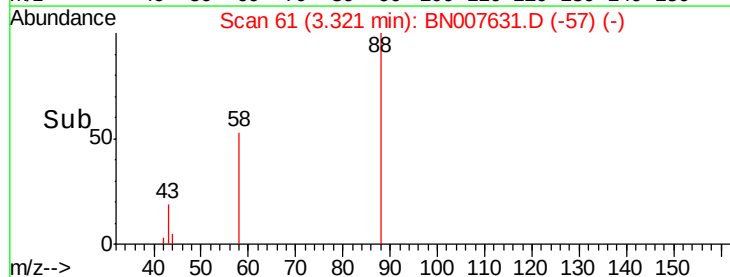
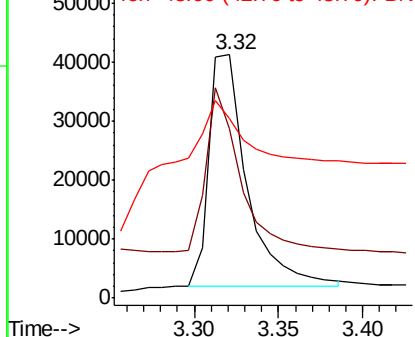
#2

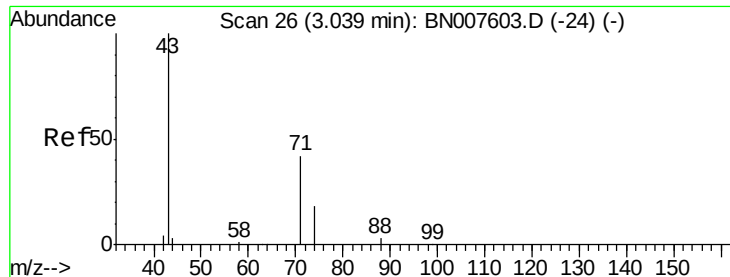
1,4-Dioxane
Concen: 5.379 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.02 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Tgt Ion: 88 Resp: 62332
Ion Ratio Lower Upper
88 100
58 60.6 57.0 85.4
43 24.0 20.0 30.0



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: 33.262 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MS

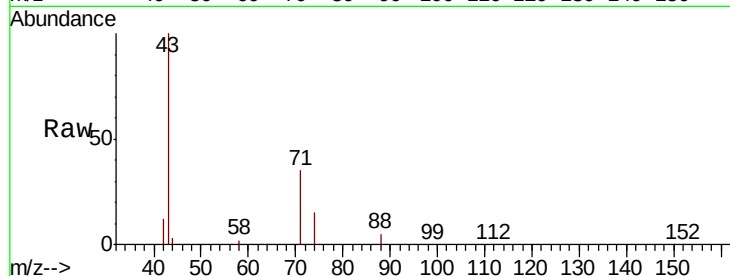
Tot Ion: 42 Resp: 174905

Ion Ratio Lower Upper

42 100

74 145.1 9.8 14.8#

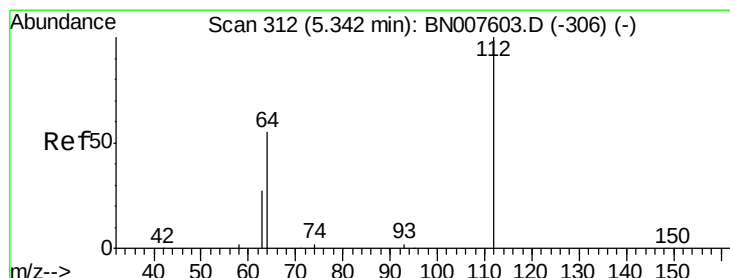
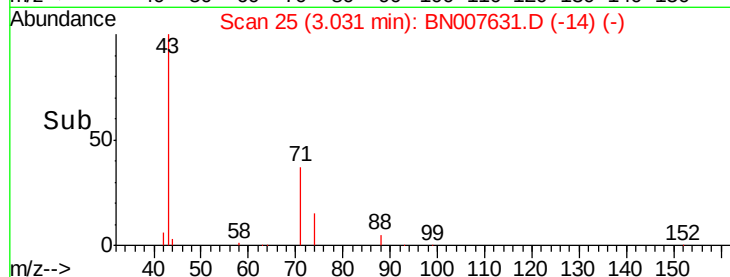
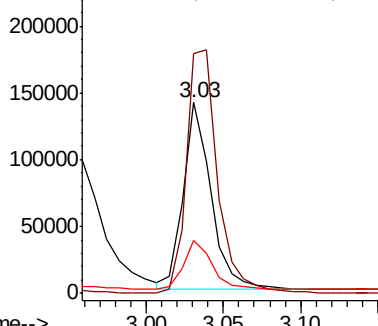
44 26.5 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.134 ng

RT: 5.34 min Scan# 312

Delta R.T. -0.00 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

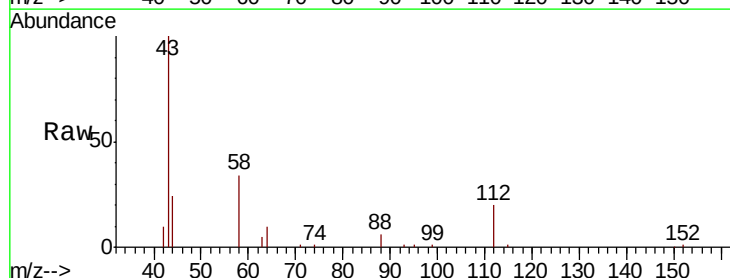
Tgt Ion: 112 Resp: 4135

Ion Ratio Lower Upper

112 100

64 59.0 48.5 72.7

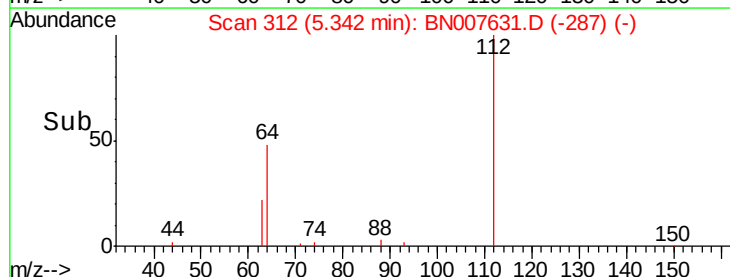
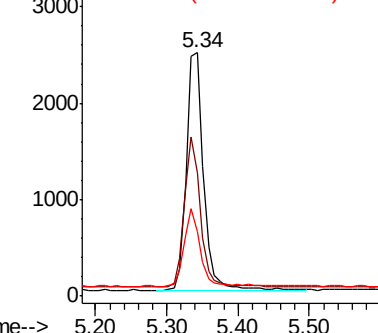
63 29.5 24.4 36.6

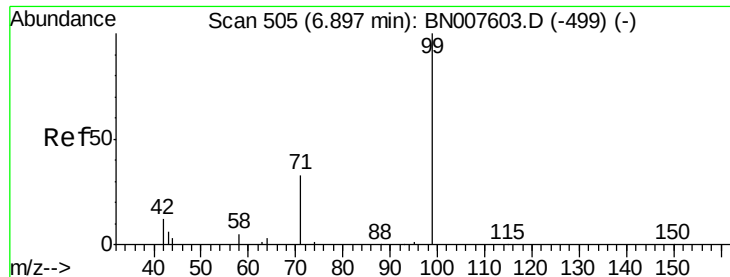


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.095 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MS

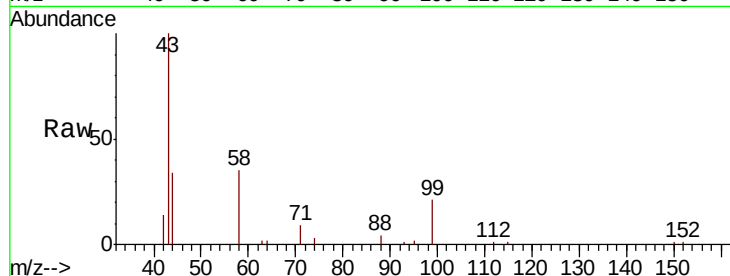
Tot Ion: 99 Resp: 3336

Ion Ratio Lower Upper

99 100

42 24.9 11.8 17.6#

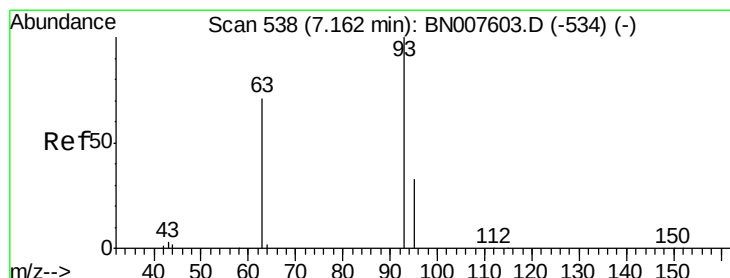
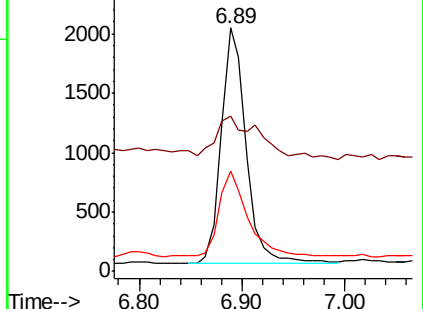
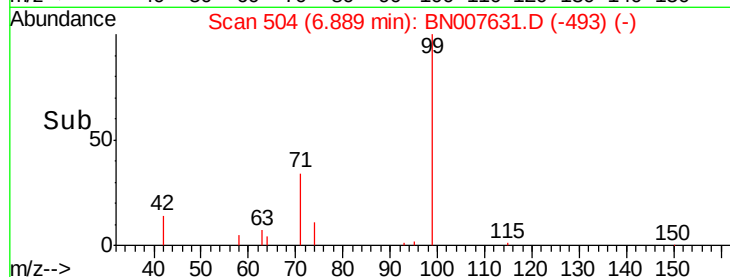
71 42.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BN007631.D (-500) (-)

Ion 42.00 (41.70 to 42.70): BN007631.D (-500) (-)

Ion 71.00 (70.70 to 71.70): BN007631.D (-500) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.406 ng

RT: 7.15 min Scan# 537

Delta R.T. -0.01 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

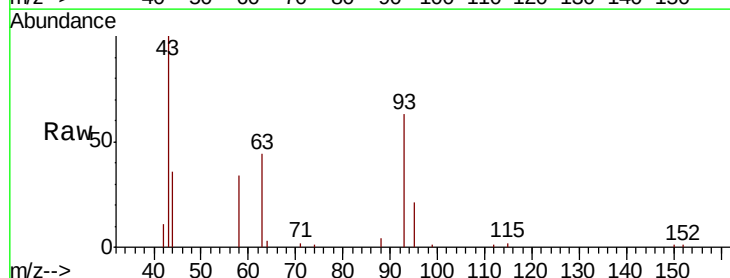
Tgt Ion: 93 Resp: 11518

Ion Ratio Lower Upper

93 100

63 73.4 61.2 91.8

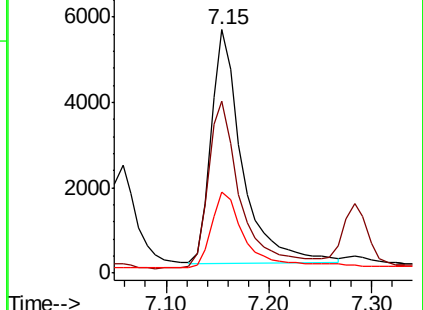
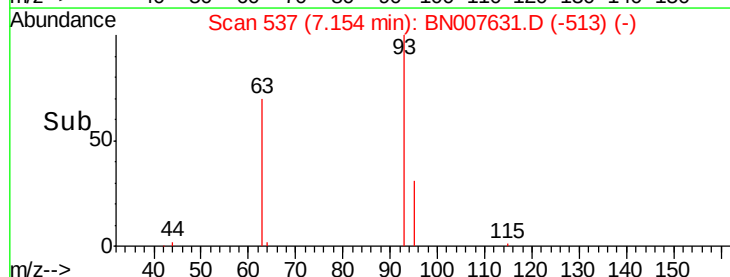
95 34.3 27.2 40.8

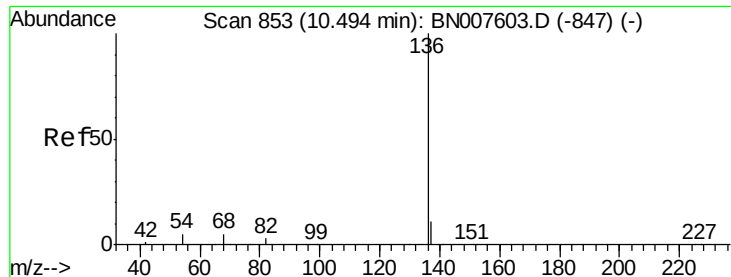


Abundance Ion 93.00 (92.70 to 93.70): BN007631.D (-535) (-)

Ion 63.00 (62.70 to 63.70): BN007631.D (-535) (-)

Ion 95.00 (94.70 to 95.70): BN007631.D (-535) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MS

Tot Ion:136 Resp: 38129

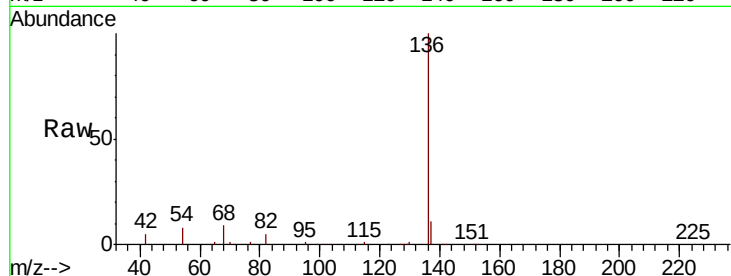
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.3 4.2 6.4#

68 8.7 4.6 7.0#

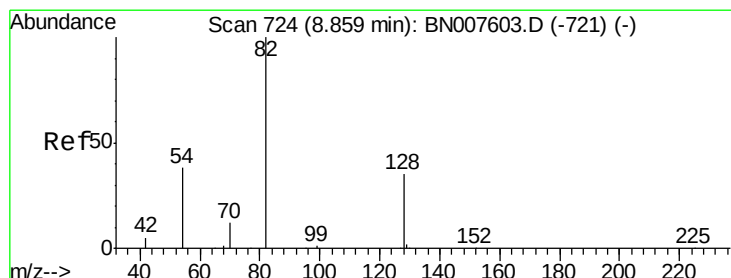
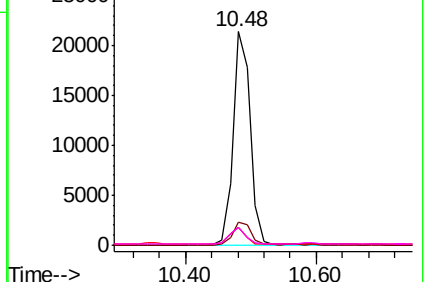
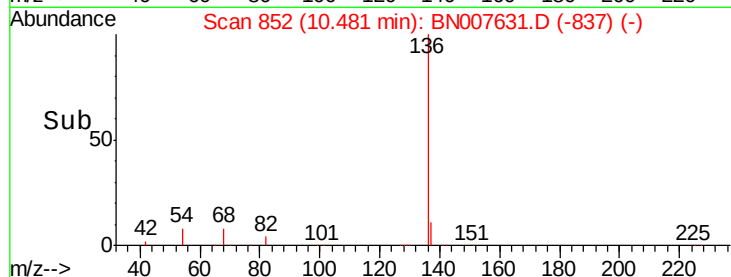


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.302 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

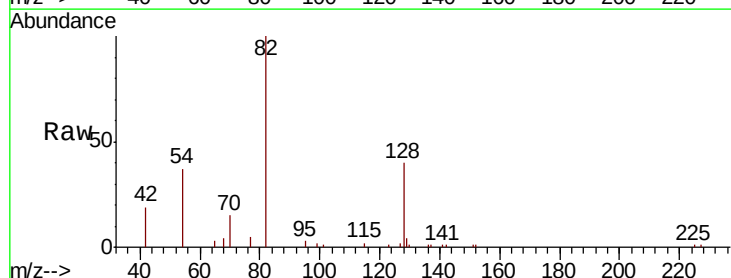
Tgt Ion: 82 Resp: 9202

Ion Ratio Lower Upper

82 100

128 39.8 27.9 41.9

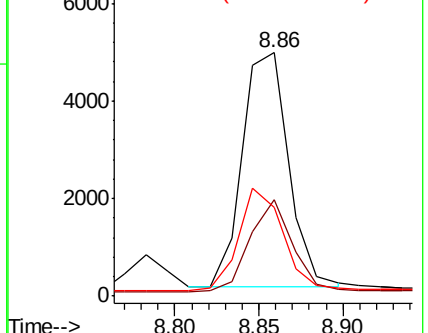
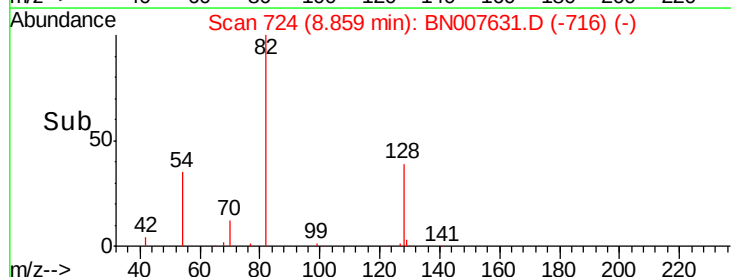
54 36.5 30.9 46.3

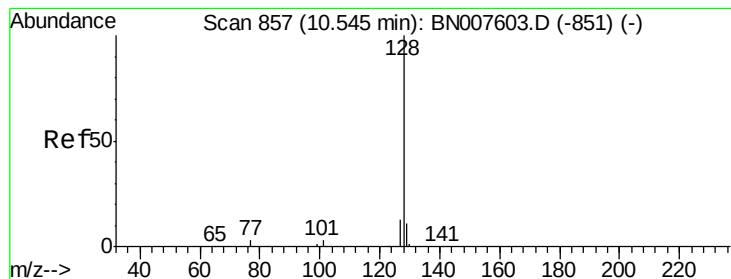


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.347 ng

RT: 10.53 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN007631.D

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Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MS

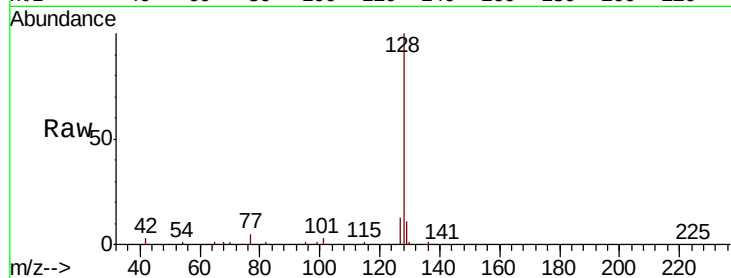
Tot Ion:128 Resp: 37898

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

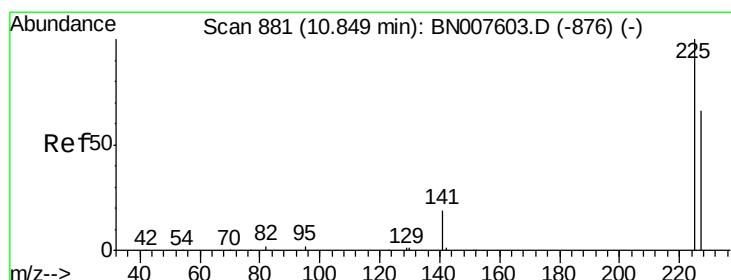
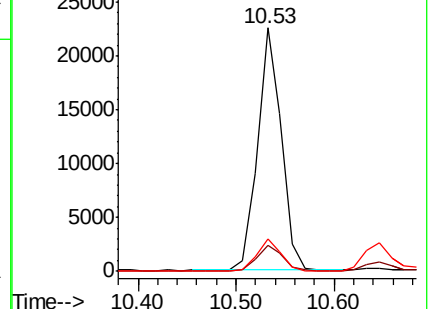
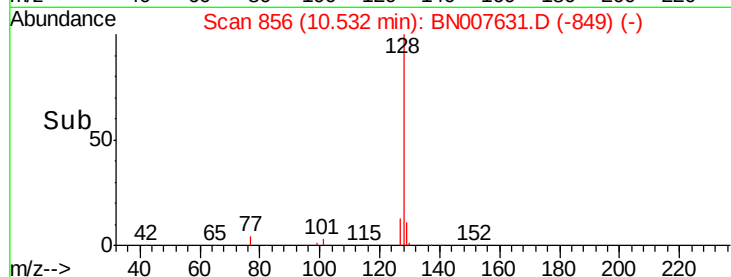
127 13.3 10.4 15.6



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: 0.291 ng

RT: 10.84 min Scan# 880

Delta R.T. -0.01 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

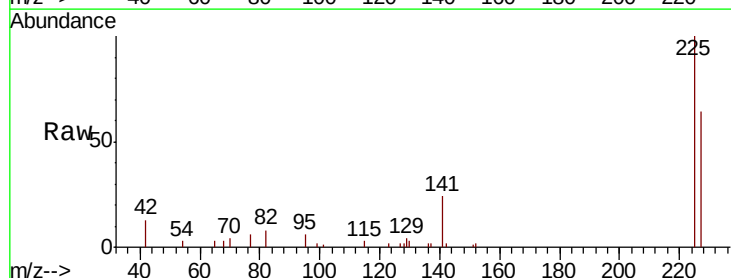
Tgt Ion:225 Resp: 6408

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

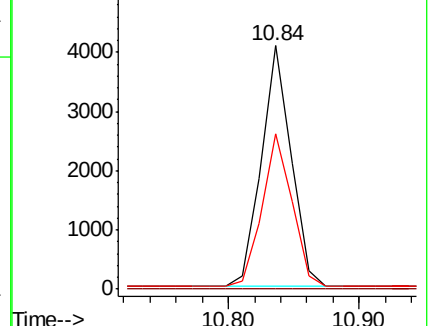
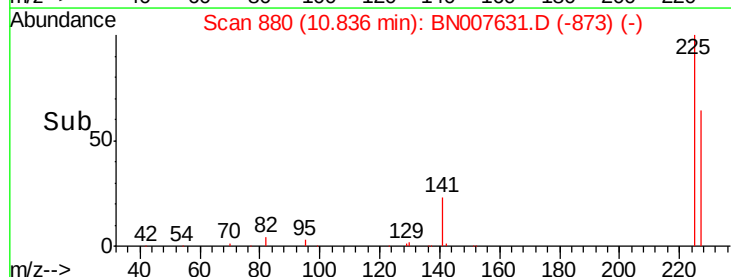
227 63.8 51.3 76.9

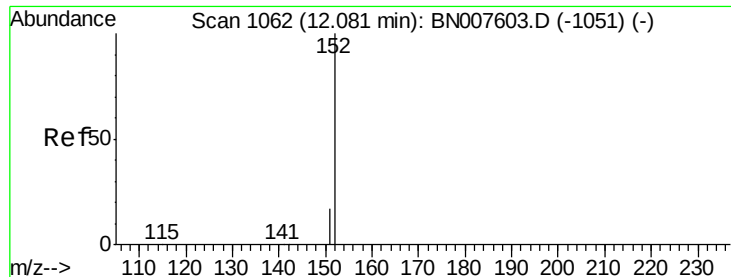


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

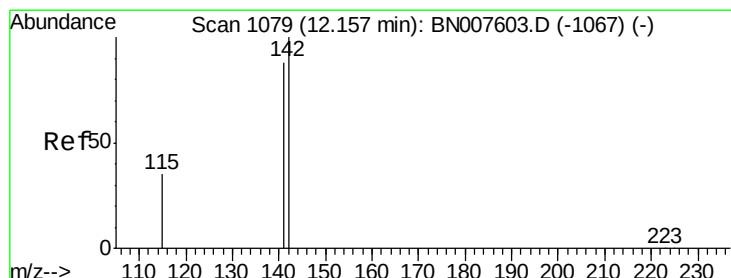
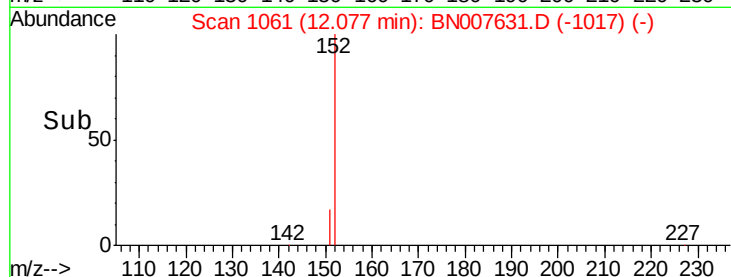
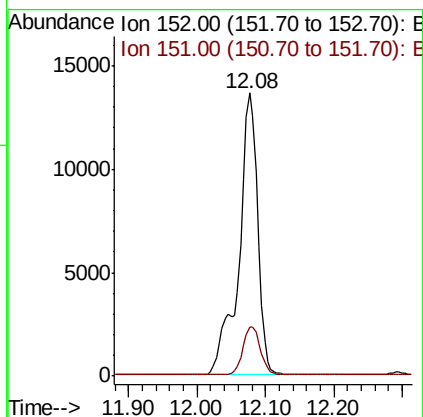
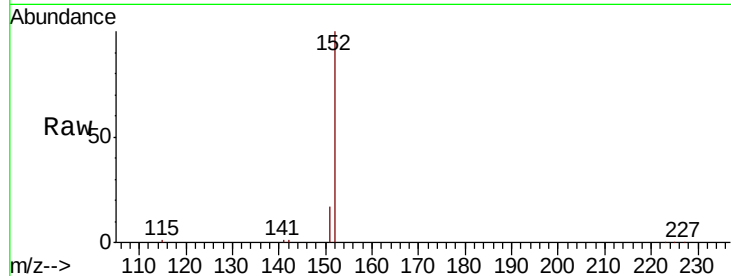




#11
 2-Methylnaphthalene-d10
 Concen: 0.403 ng
 RT: 12.08 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BN007631.D
 Acq: 13 Sep 2019 17:38

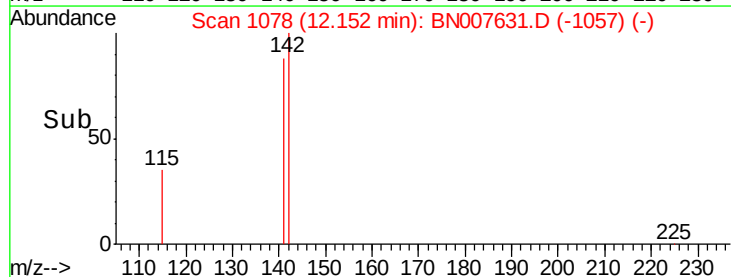
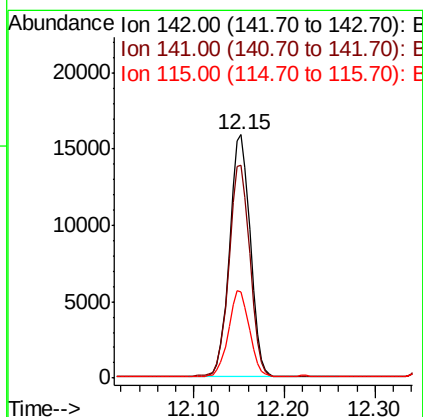
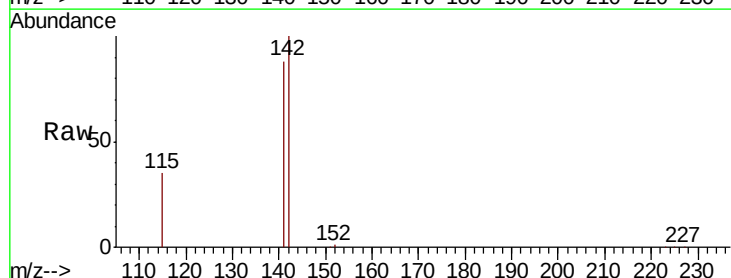
Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20190909MS

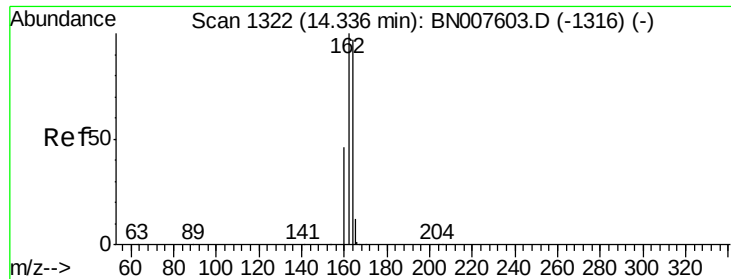
Tot Ion:152 Resp: 25988
 Ion Ratio Lower Upper
 152 100
 151 15.8 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.341 ng
 RT: 12.15 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BN007631.D
 Acq: 13 Sep 2019 17:38

Tgt Ion:142 Resp: 25031
 Ion Ratio Lower Upper
 142 100
 141 87.7 70.5 105.7
 115 35.5 28.4 42.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MS

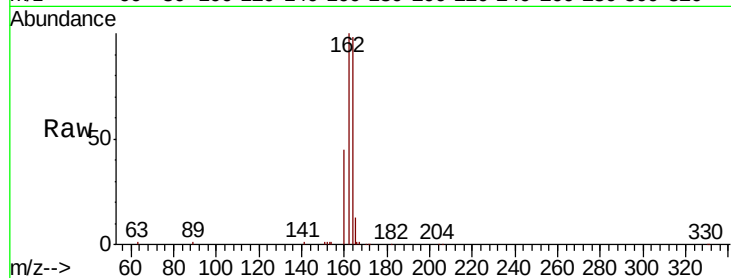
Tot Ion:164 Resp: 19835

Ion Ratio Lower Upper

164 100

162 102.1 82.8 124.2

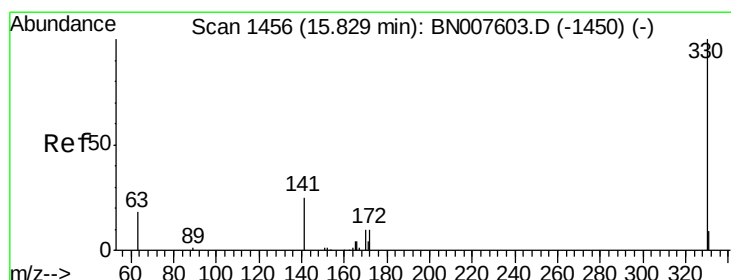
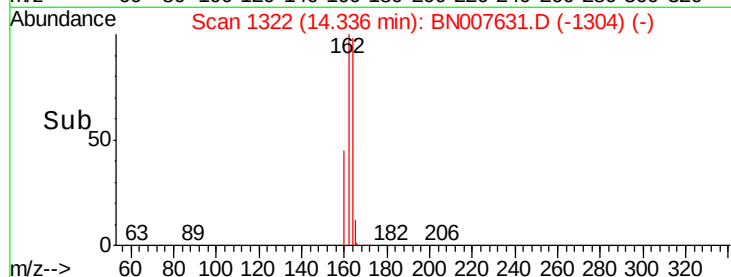
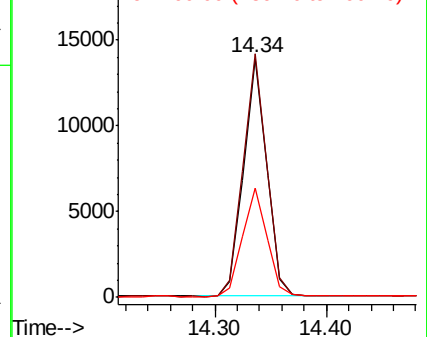
160 46.0 38.0 57.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.282 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

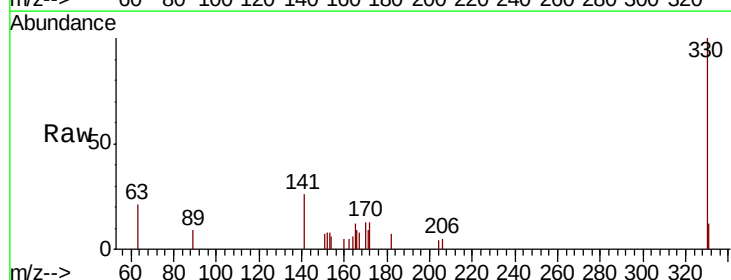
Tgt Ion:330 Resp: 2114

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

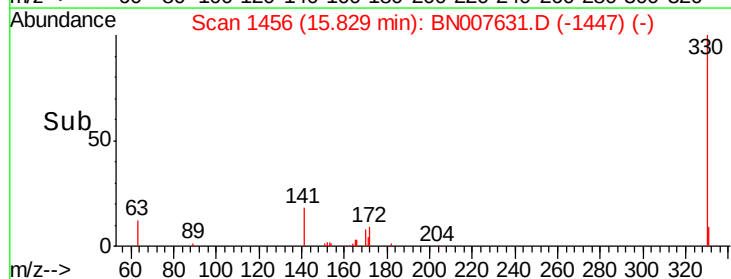
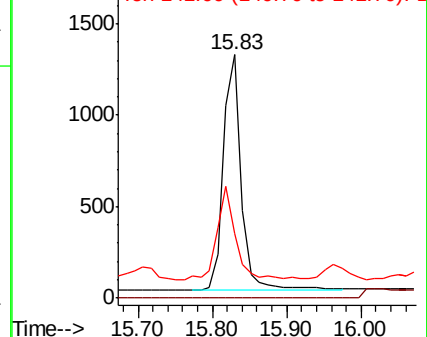
141 41.3 30.1 45.1

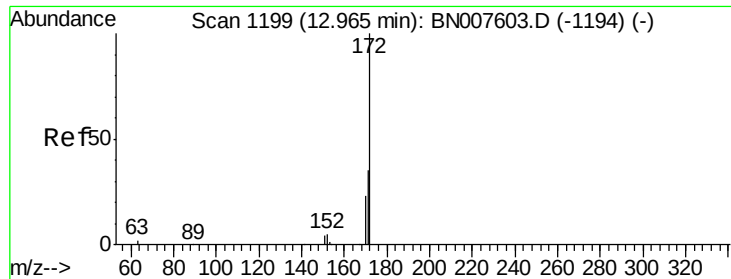


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

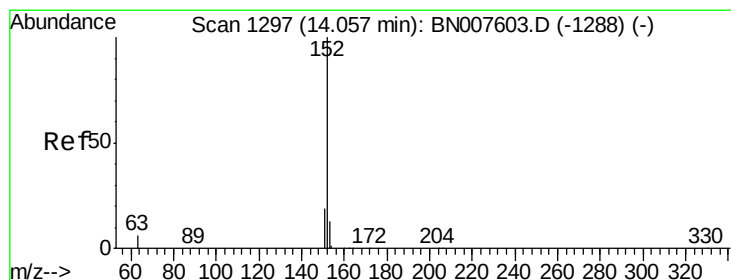
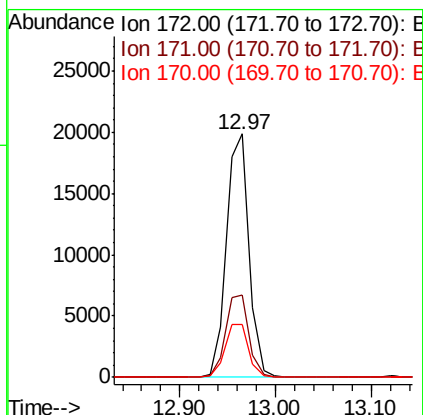
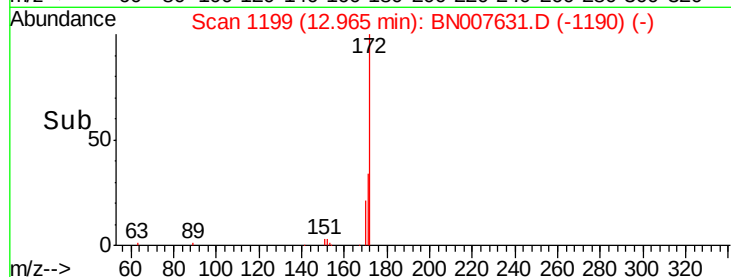
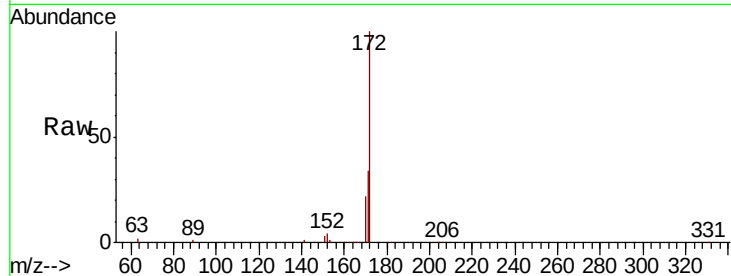




#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

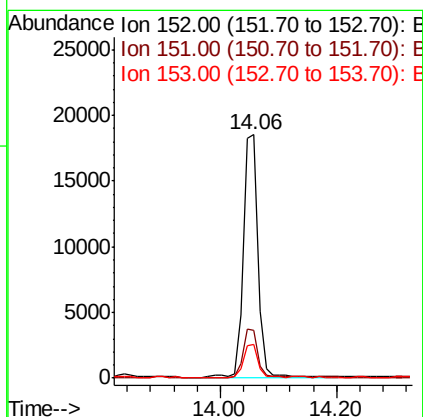
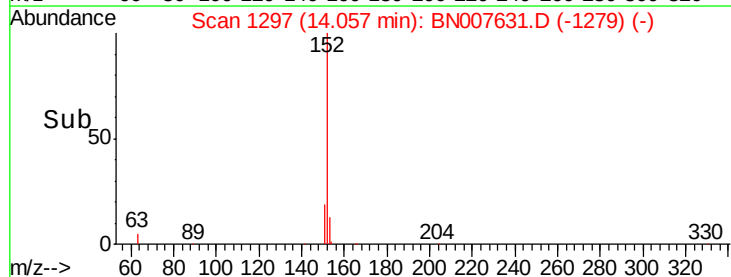
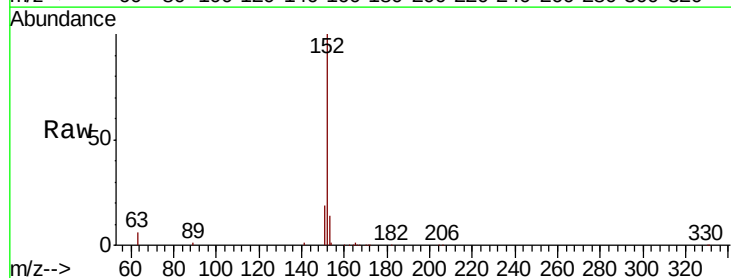
Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

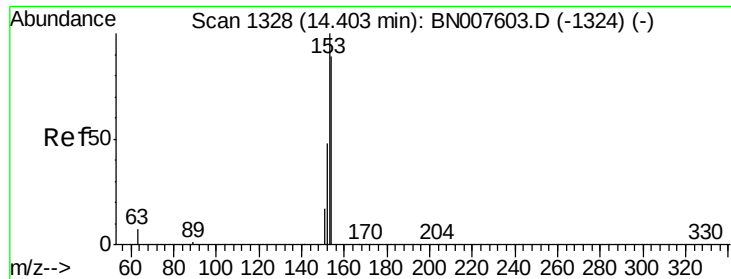
Tot Ion:172 Resp: 32280
Ion Ratio Lower Upper
172 100
171 34.0 27.9 41.9
170 21.6 18.5 27.7



#16
Acenaphthylene
Concen: 0.315 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Tgt Ion:152 Resp: 32494
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.334 ng

RT: 14.40 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MS

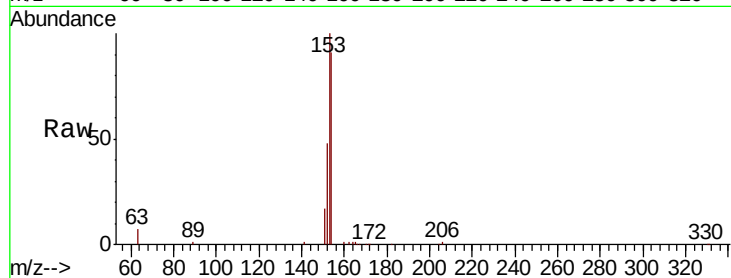
Tot Ion:154 Resp: 22461

Ion Ratio Lower Upper

154 100

153 110.9 89.8 134.8

152 54.9 43.8 65.8

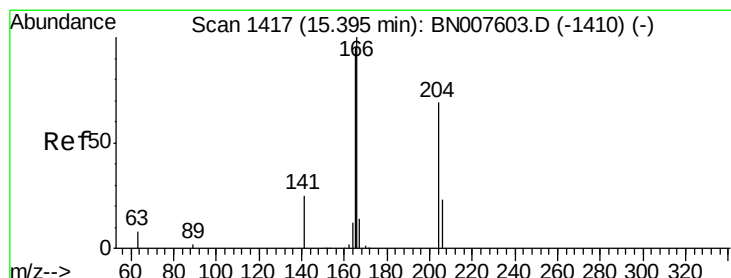
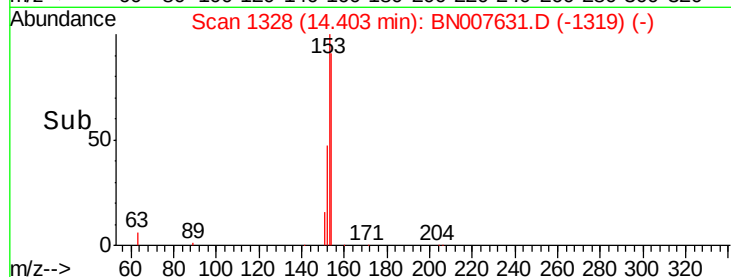
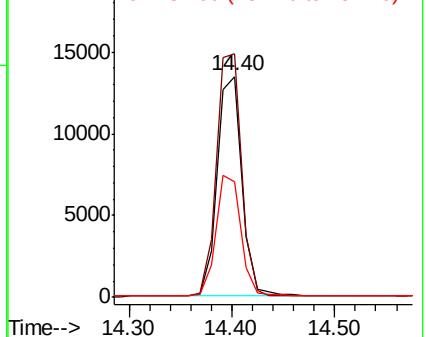


Abundance

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: 15.38 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

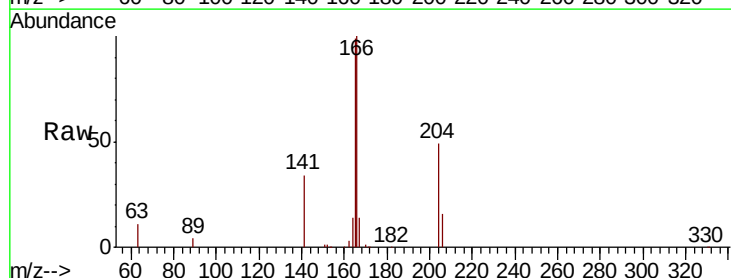
Tgt Ion:166 Resp: 28282

Ion Ratio Lower Upper

166 100

165 97.6 77.8 116.6

167 13.5 10.8 16.2

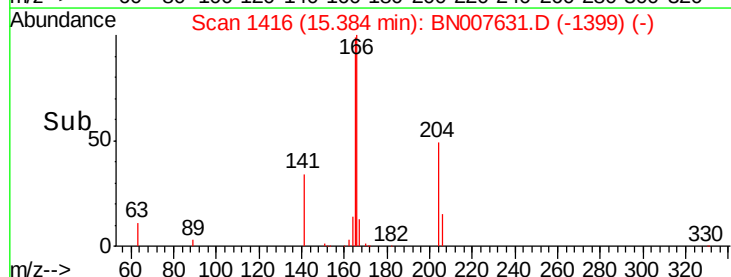
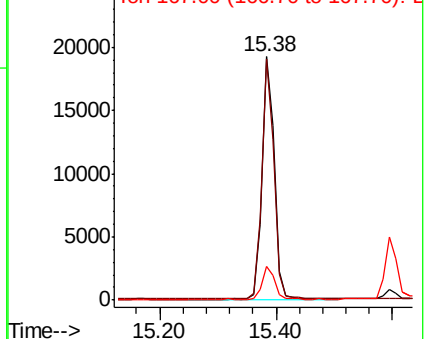


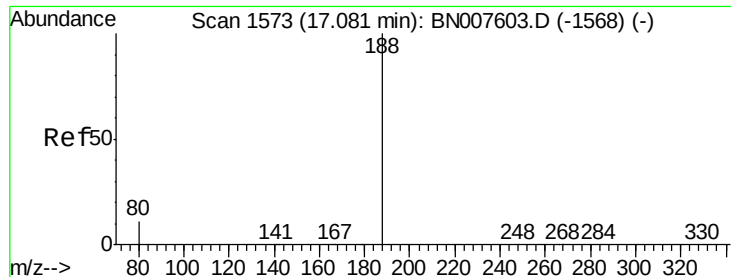
Abundance

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: 17.08 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MS

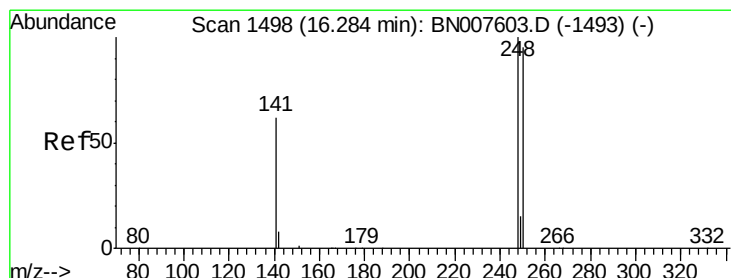
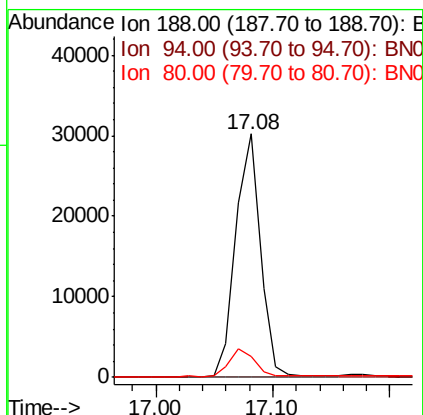
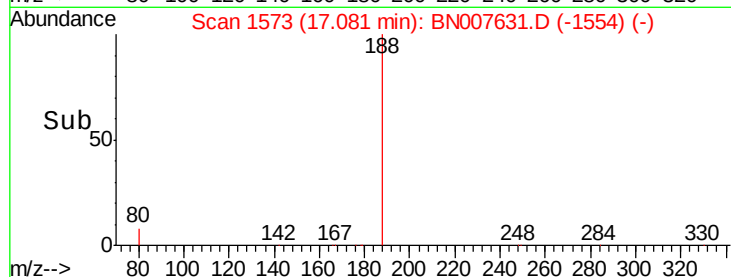
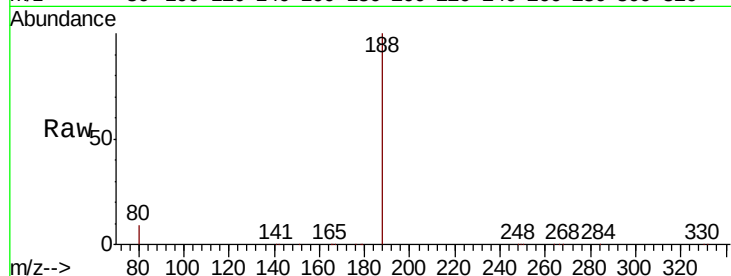
Tot Ion:188 Resp: 44195

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.6 8.8 13.2#



#20

4-Bromophenyl-phenylether

Concen: 0.329 ng

RT: 16.28 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

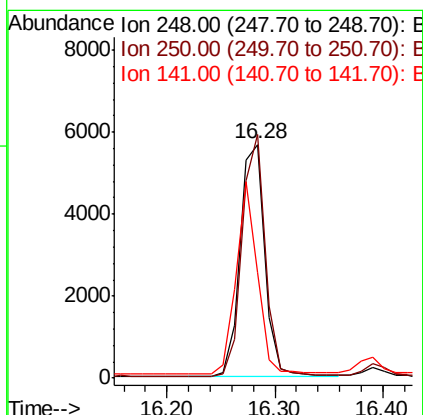
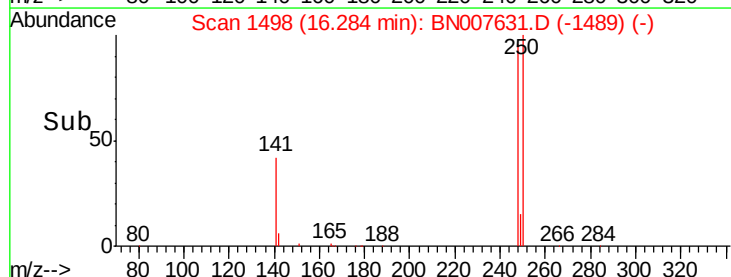
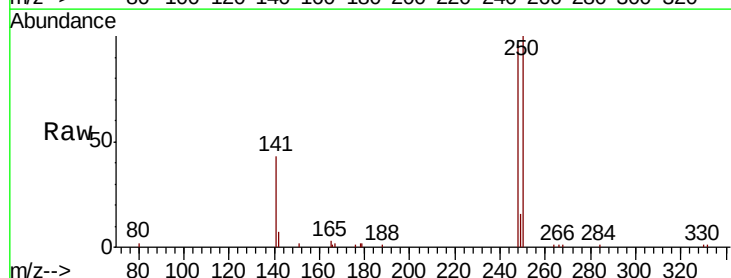
Tgt Ion:248 Resp: 8983

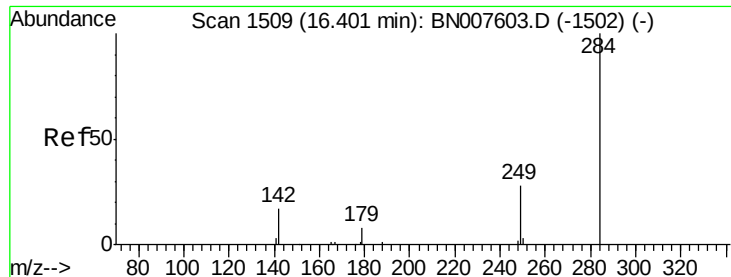
Ion Ratio Lower Upper

248 100

250 104.1 76.3 114.5

141 44.8 49.7 74.5#





#21

Hexachlorobenzene

Concen: 0.306 ng

RT: 16.39 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

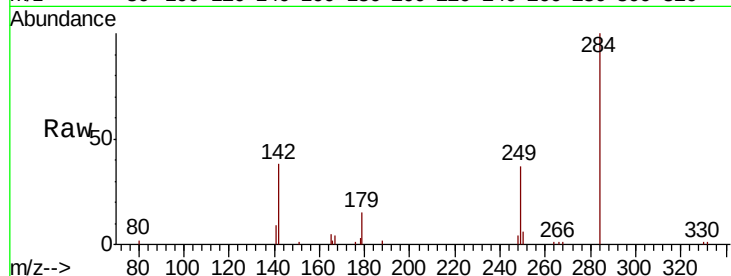
Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MS

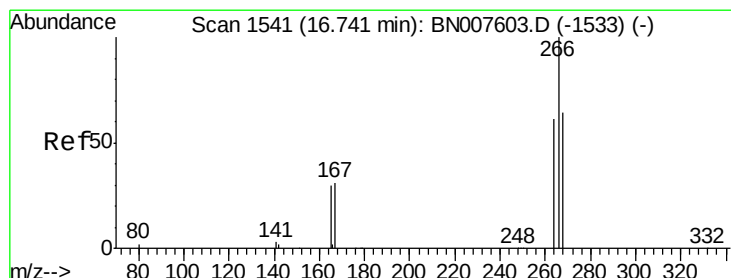
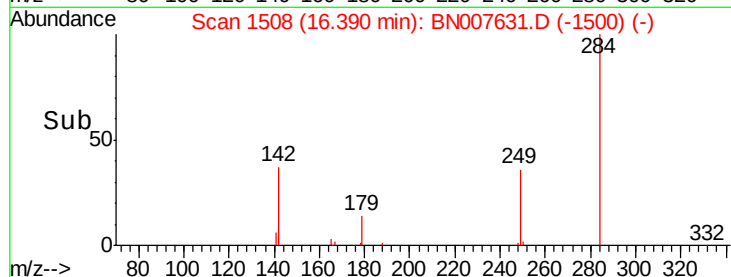
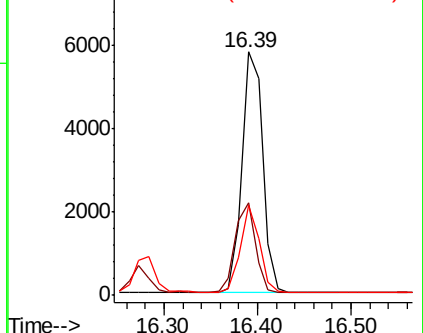
Tot Ion:284	Resp:	8933
Ion Ratio	Lower	Upper
284	100	
142	35.6	27.8 41.6
249	32.3	25.5 38.3



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: 0.500 ng

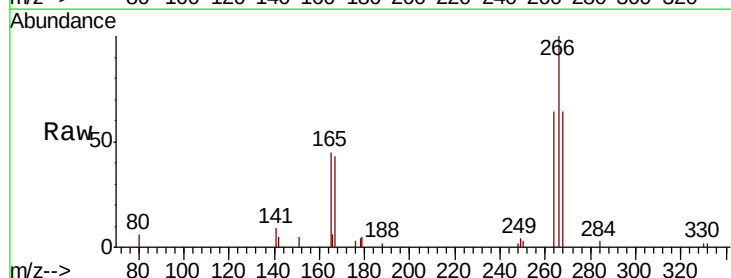
RT: 16.73 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

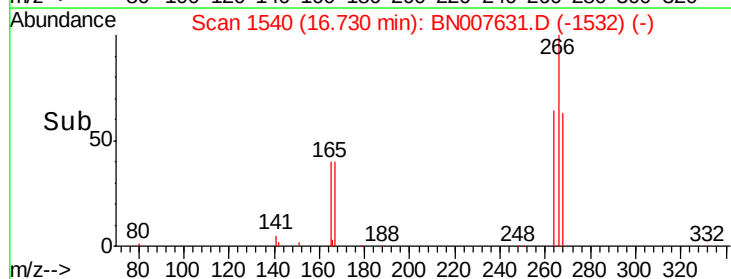
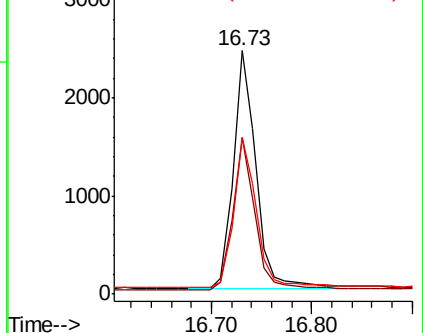
Tgt Ion:266	Resp:	3795
Ion Ratio	Lower	Upper
266	100	
264	64.2	49.4 74.0
268	64.4	53.0 79.6

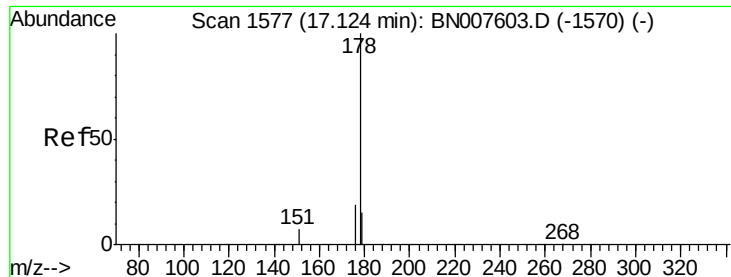


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.344 ng

RT: 17.12 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MS

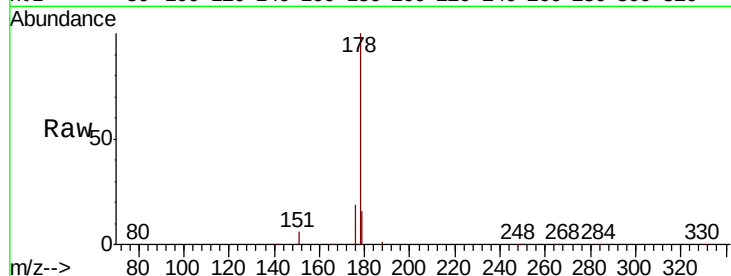
Tot Ion:178 Resp: 47907

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

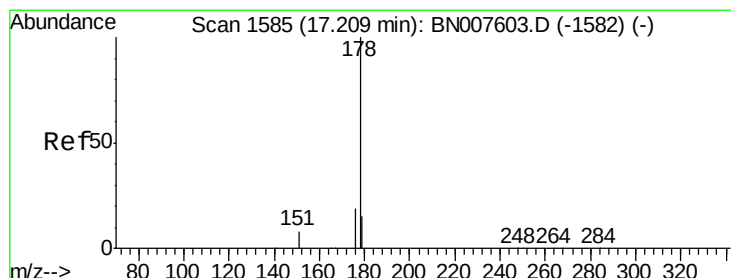
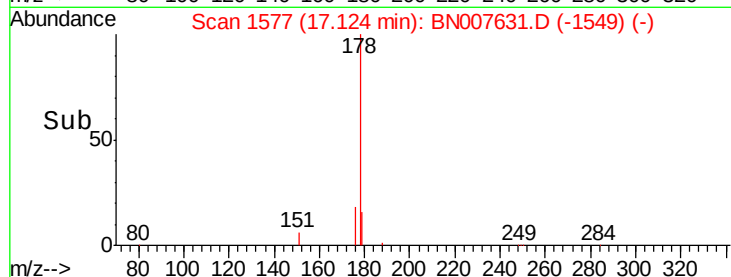
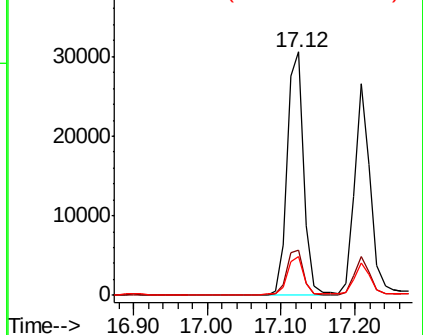
179 15.3 12.4 18.6



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: 0.322 ng

RT: 17.21 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

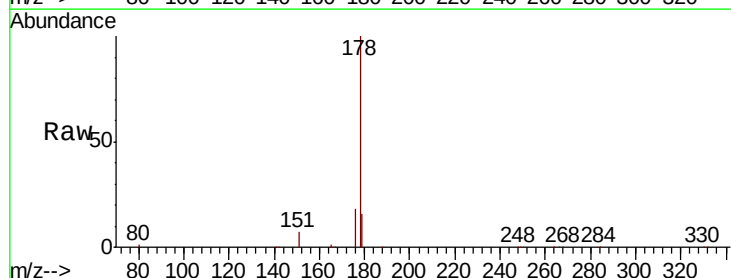
Tgt Ion:178 Resp: 39825

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

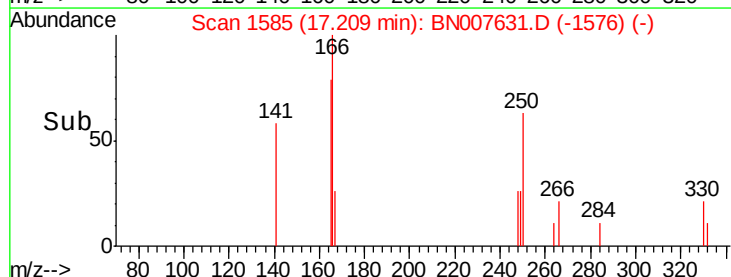
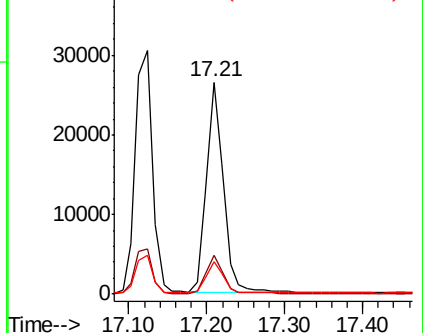
179 15.4 12.4 18.6

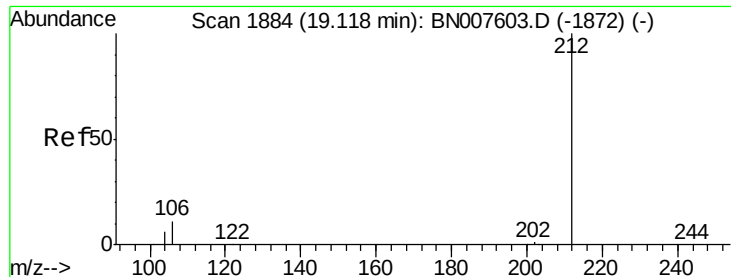


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.332 ng

RT: 19.11 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MS

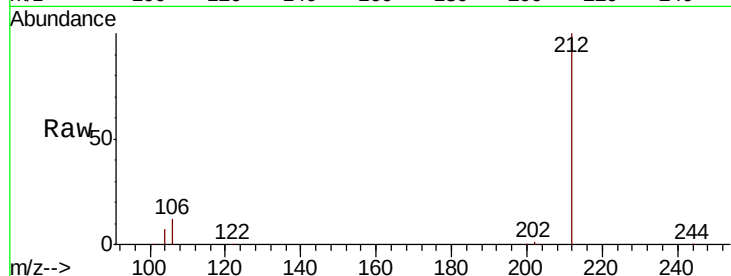
Tot Ion:212 Resp: 46244

Ion Ratio Lower Upper

212 100

106 12.3 9.6 14.4

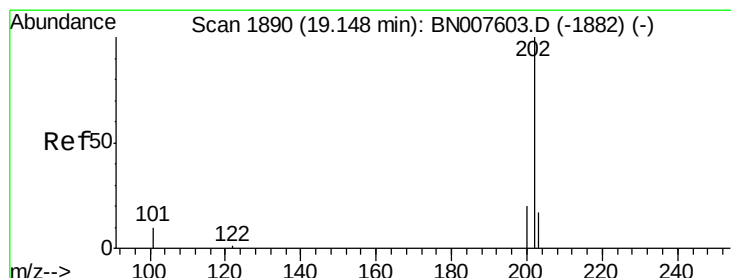
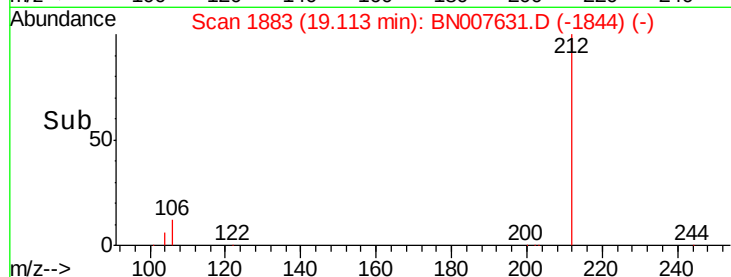
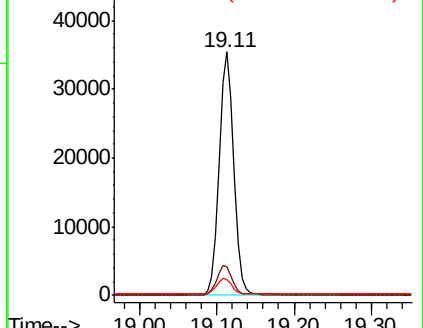
104 6.8 5.4 8.0



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: 0.332 ng

RT: 19.14 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

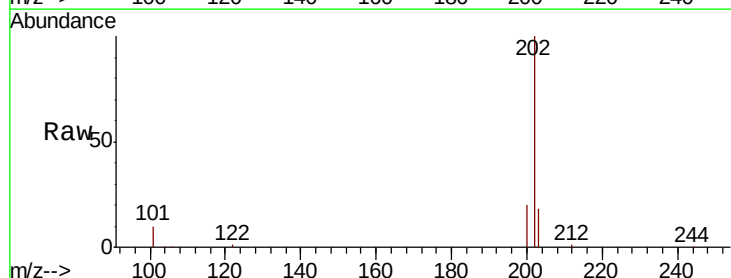
Tgt Ion:202 Resp: 54001

Ion Ratio Lower Upper

202 100

101 11.4 8.6 13.0

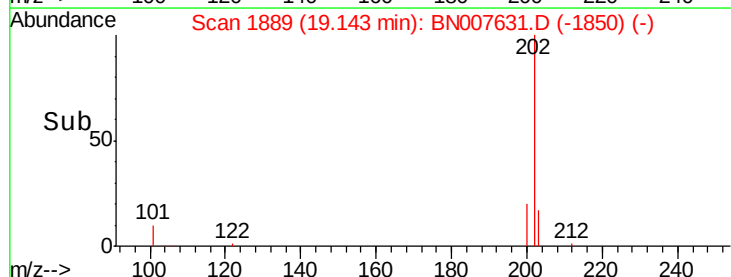
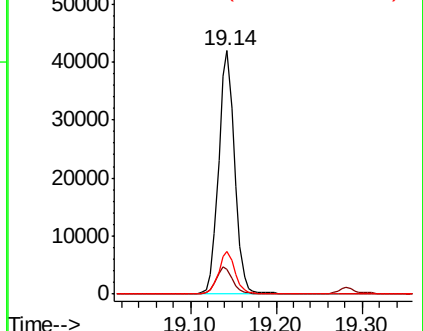
203 17.1 13.8 20.6

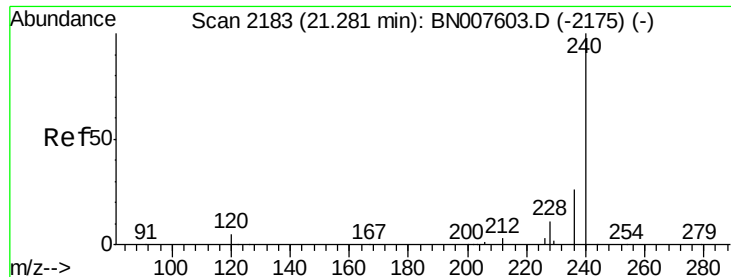


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MS

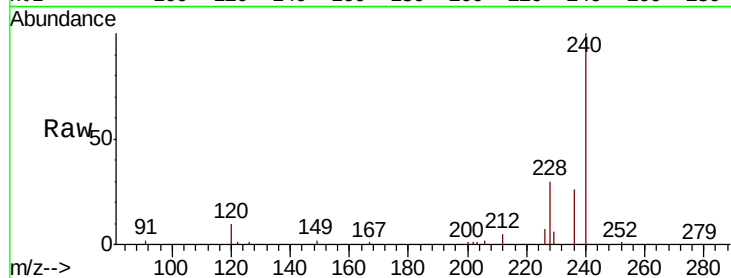
Tot Ion:240 Resp: 43446

Ion Ratio Lower Upper

240 100

120 10.1 4.3 6.5#

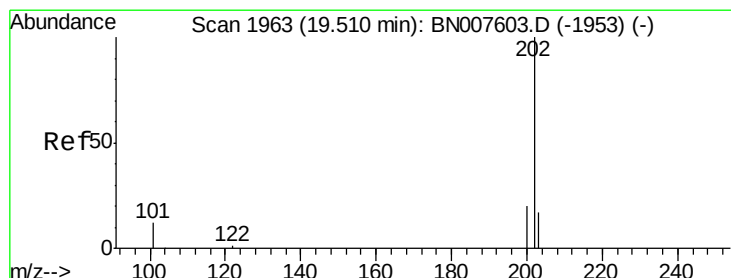
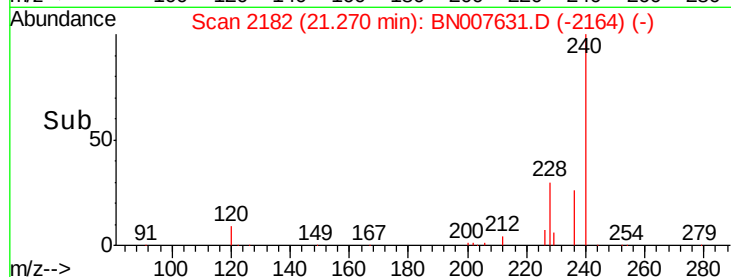
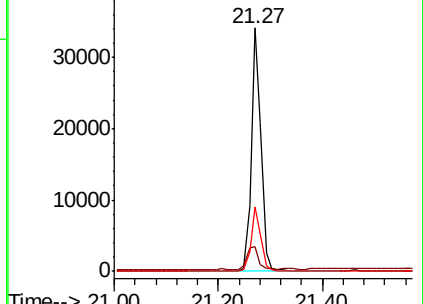
236 26.4 20.8 31.2



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: 0.349 ng

RT: 19.51 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

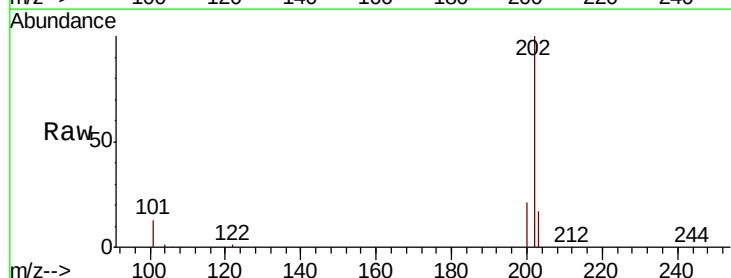
Tgt Ion:202 Resp: 55077

Ion Ratio Lower Upper

202 100

200 20.6 16.4 24.6

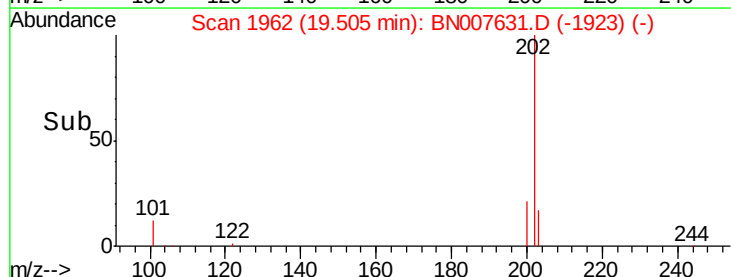
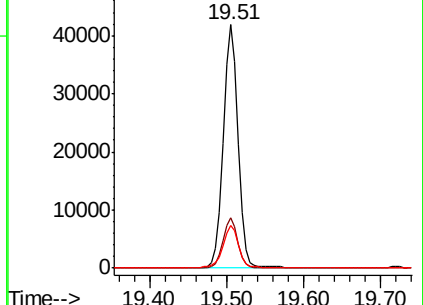
203 18.0 14.0 21.0

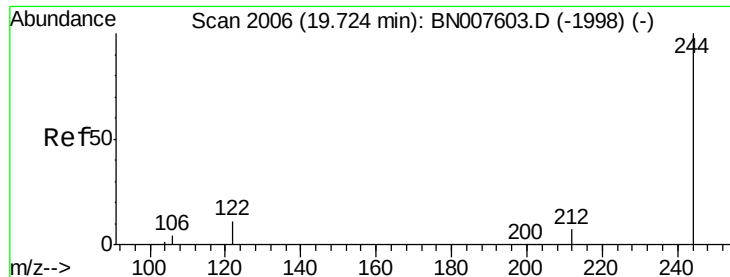


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.355 ng

RT: 19.72 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MS

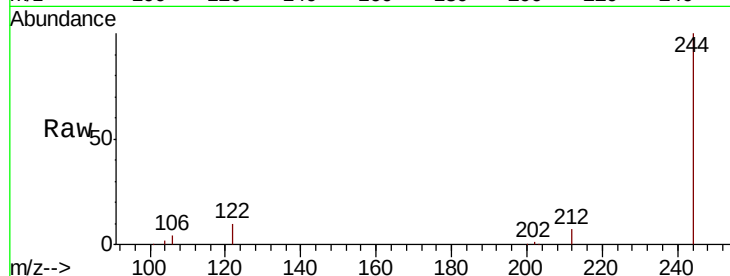
Tot Ion:244 Resp: 40632

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

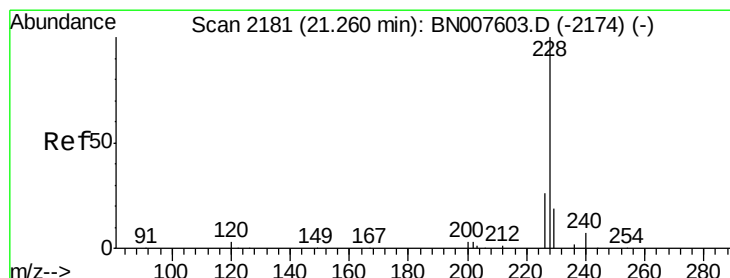
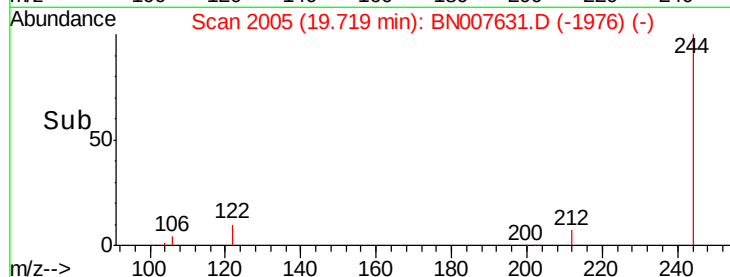
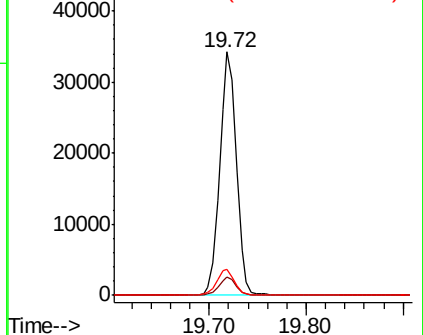
122 10.4 8.6 12.8



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: 0.327 ng

RT: 21.26 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

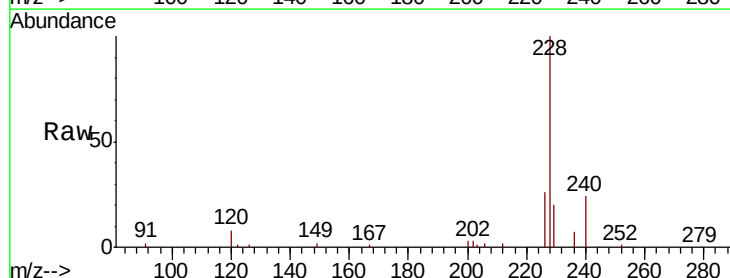
Tgt Ion:228 Resp: 50358

Ion Ratio Lower Upper

228 100

226 26.4 21.2 31.8

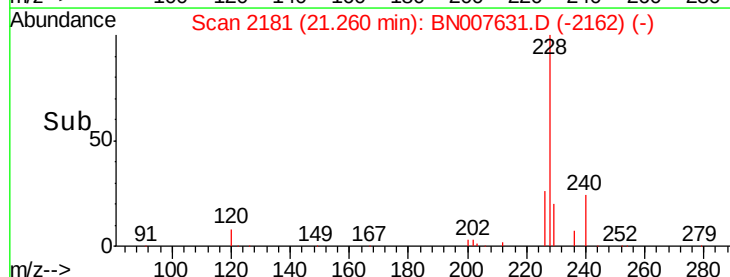
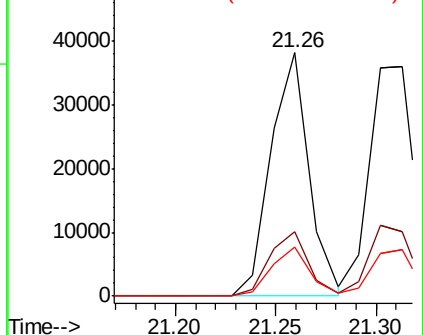
229 20.0 15.5 23.3

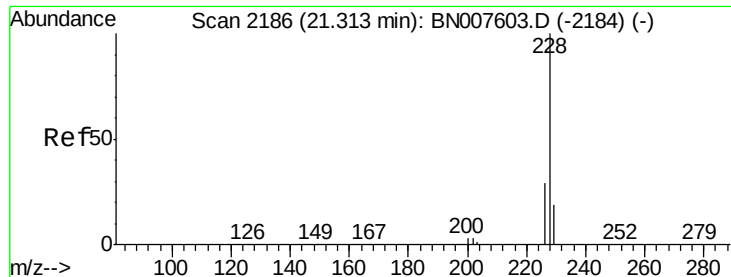


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.341 ng

RT: 21.31 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MS

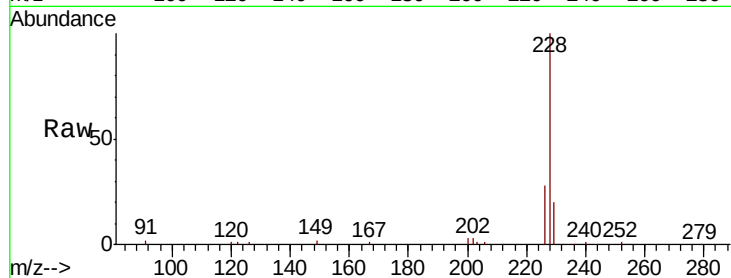
Tot Ion:228 Resp: 54656

Ion Ratio Lower Upper

228 100

226 28.1 23.4 35.2

229 20.1 15.5 23.3

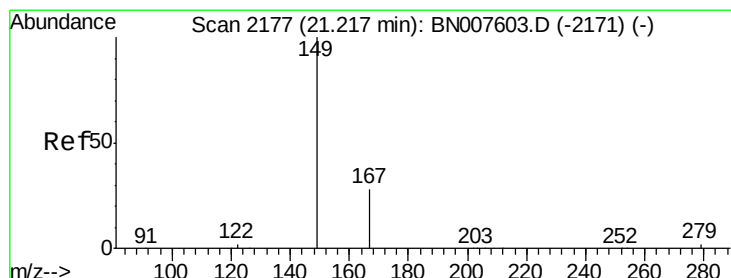
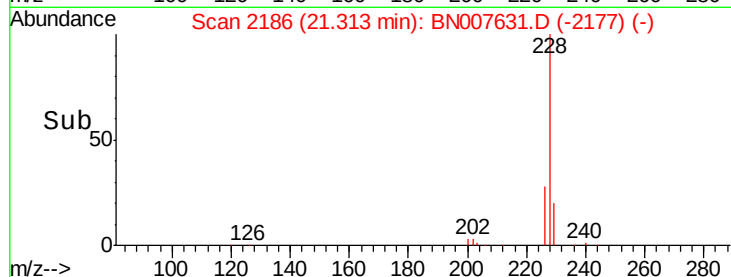
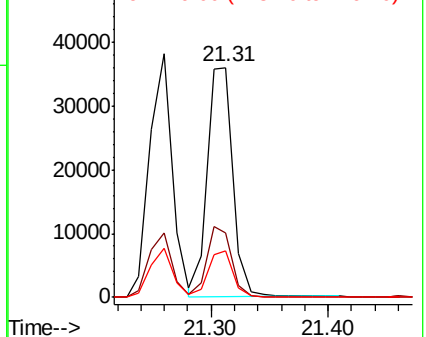


Abundance

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: 0.387 ng

RT: 21.21 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

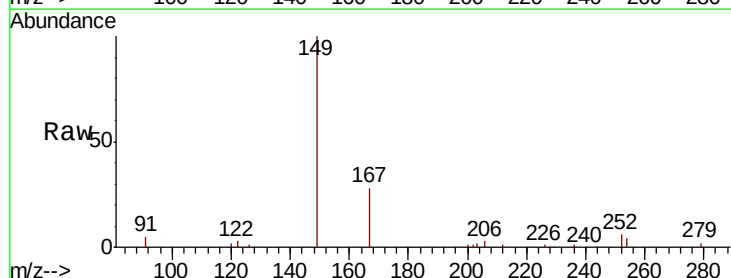
Tgt Ion:149 Resp: 20221

Ion Ratio Lower Upper

149 100

167 28.3 22.6 34.0

279 4.5 3.8 5.6

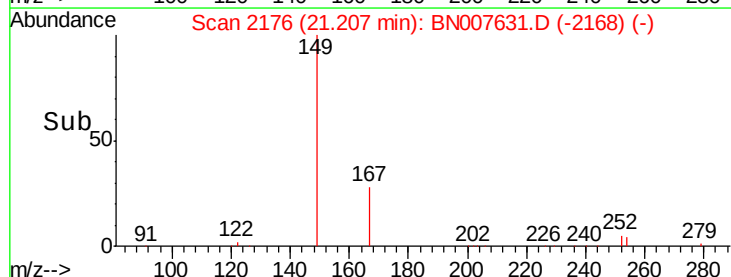
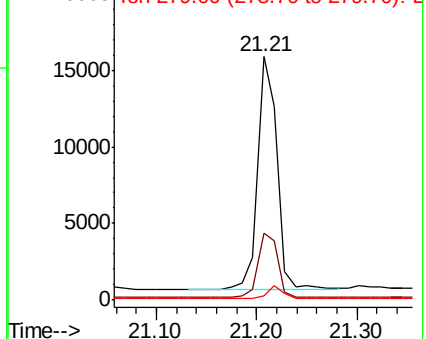


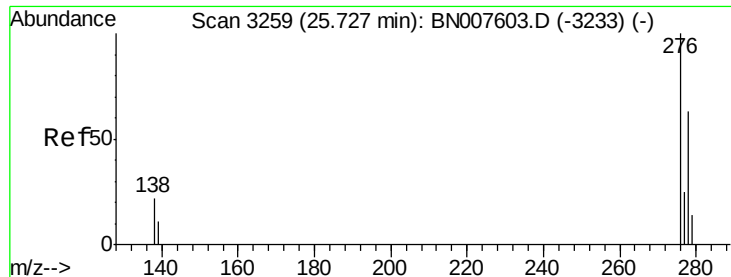
Abundance

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: 0.329 ng

RT: 25.71 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MS

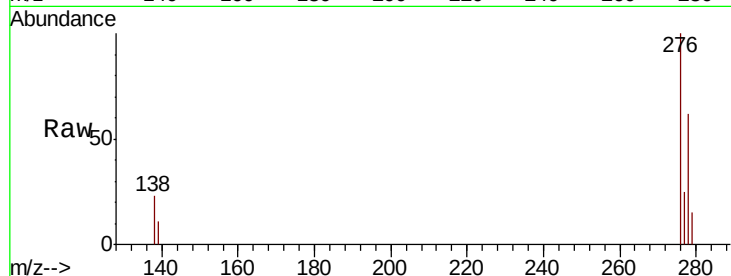
Tot Ion:276 Resp: 56345

Ion Ratio Lower Upper

276 100

138 23.2 18.2 27.4

277 25.1 20.1 30.1

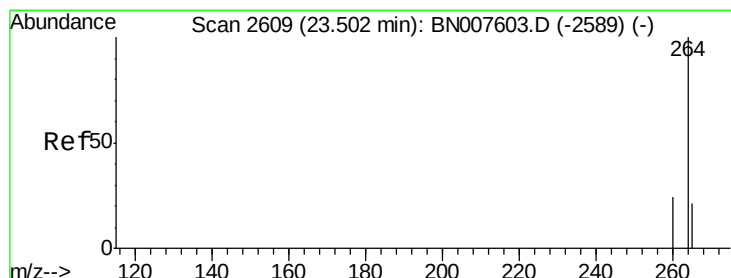
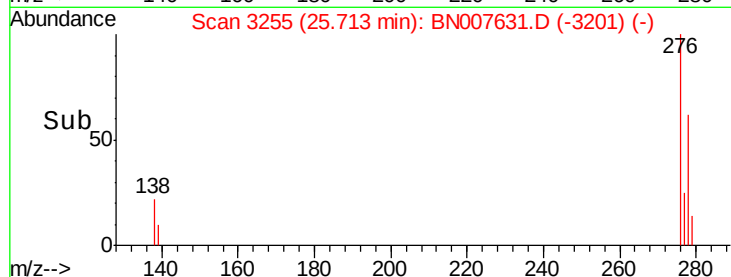
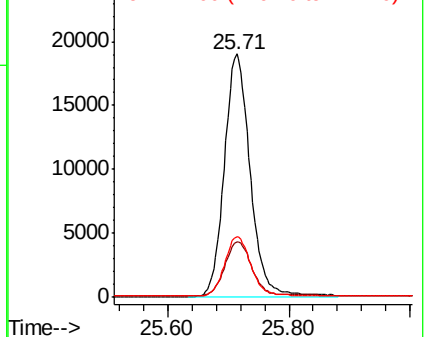


Abundance

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: 23.50 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

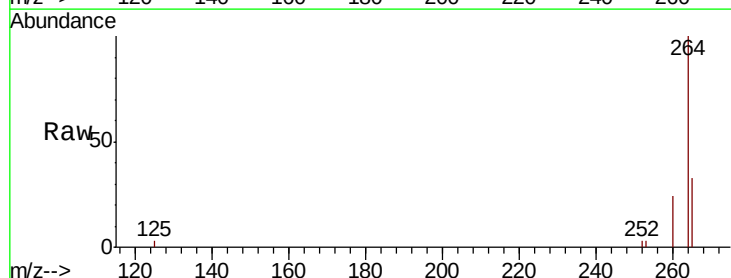
Tgt Ion:264 Resp: 43626

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 33.5 24.6 37.0

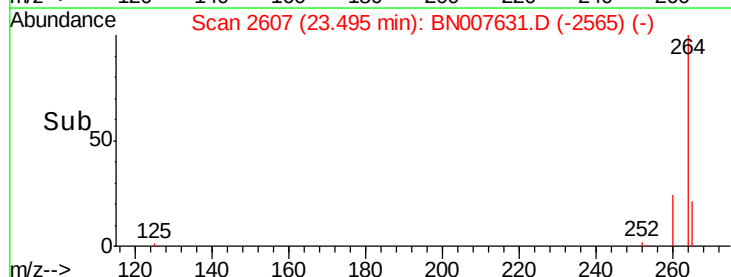
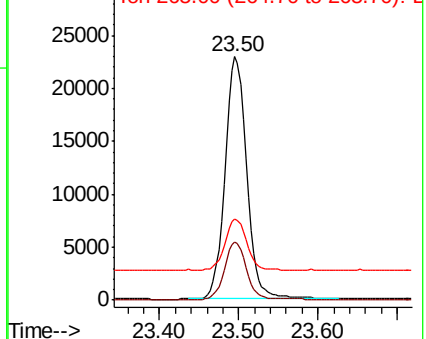


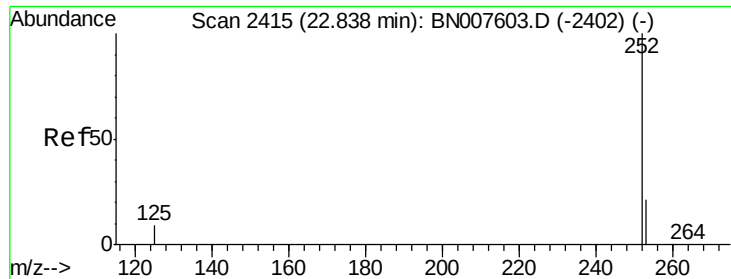
Abundance

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: 0.332 ng

RT: 22.83 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MS

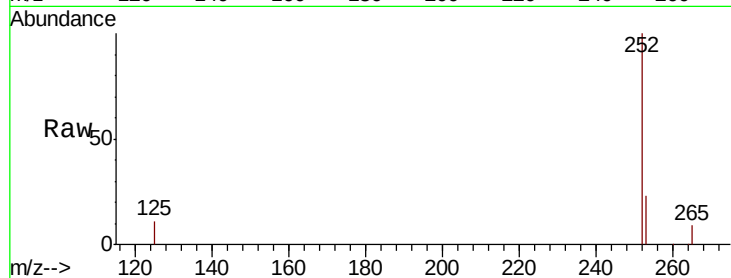
Tot Ion:252 Resp: 52651

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

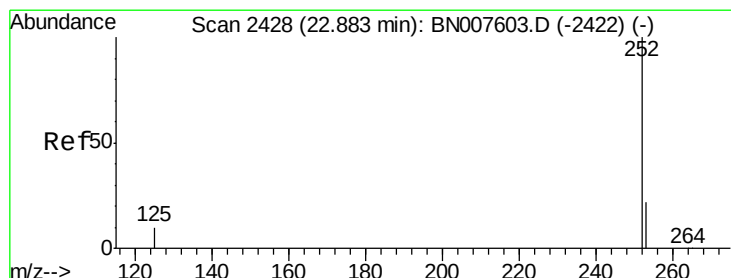
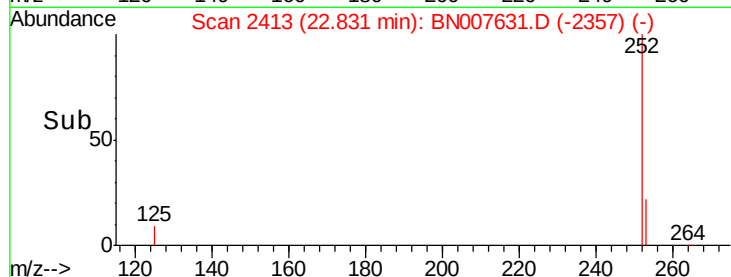
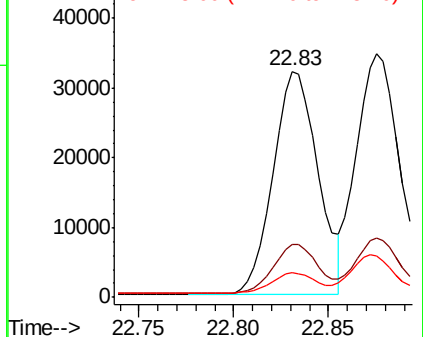
125 11.0 8.0 12.0



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



#36

Benzo(k)fluoranthene

Concen: 0.325 ng

RT: 22.83 min Scan# 2413

Delta R.T. -0.05 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

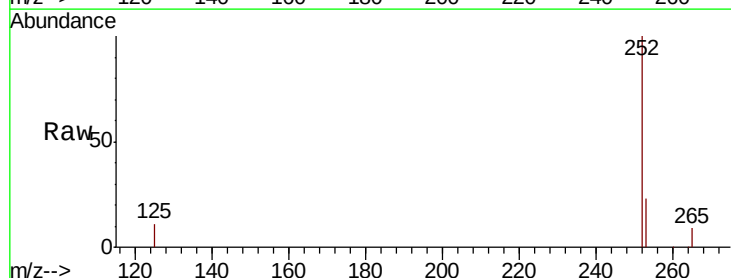
Tgt Ion:252 Resp: 52651

Ion Ratio Lower Upper

252 100

253 23.3 18.3 27.5

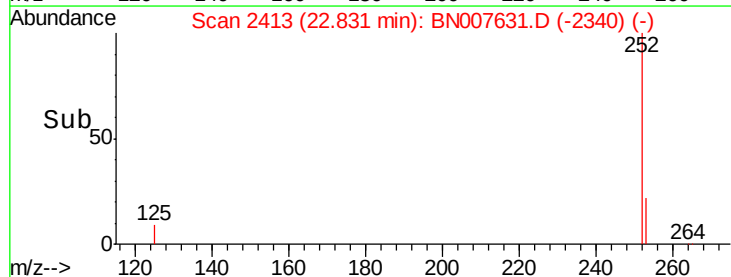
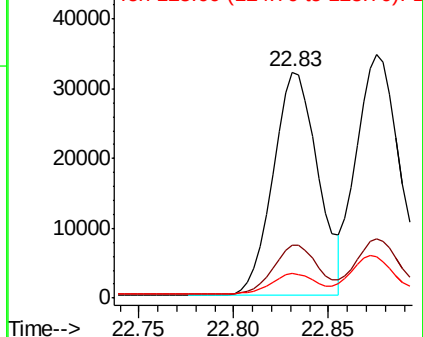
125 11.0 8.9 13.3

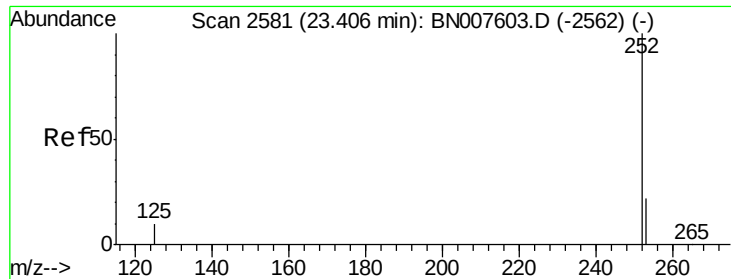


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.342 ng

RT: 23.40 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MS

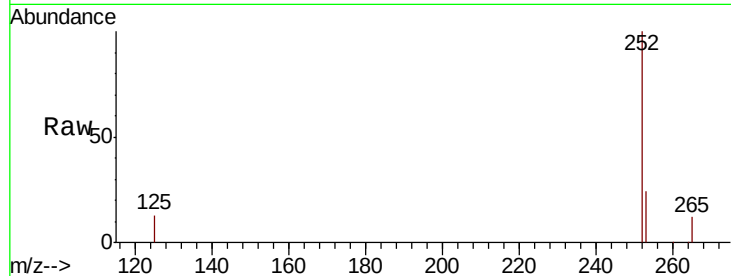
Tot Ion:252 Resp: 48089

Ion Ratio Lower Upper

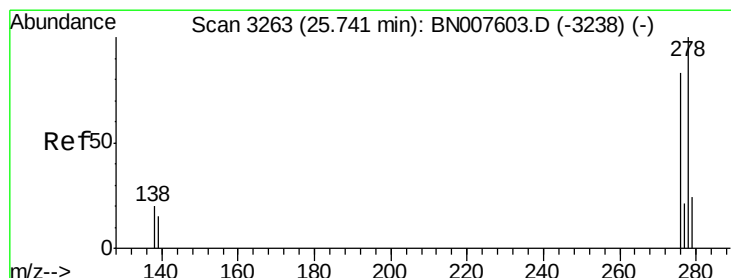
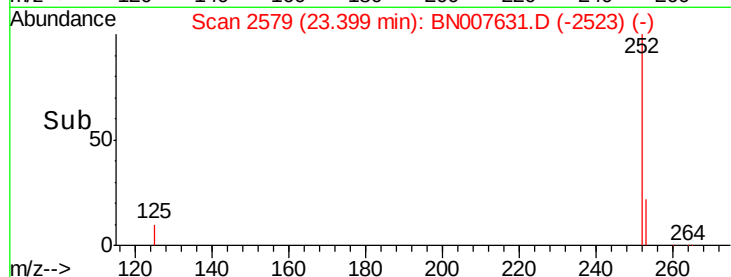
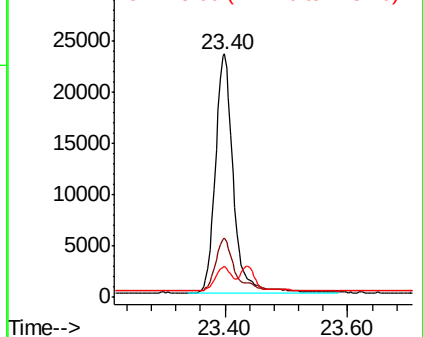
252 100

253 24.2 18.3 27.5

125 12.7 8.9 13.3



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: 0.319 ng

RT: 25.73 min Scan# 3259

Delta R.T. -0.01 min

Lab File: BN007631.D

Acq: 13 Sep 2019 17:38

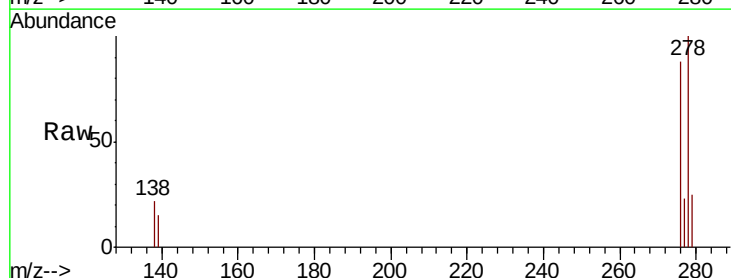
Tgt Ion:278 Resp: 46928

Ion Ratio Lower Upper

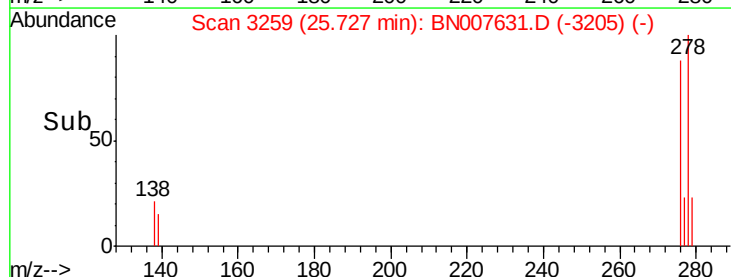
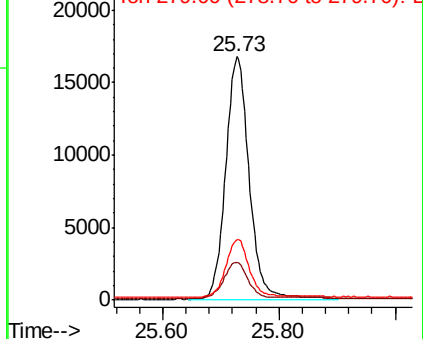
278 100

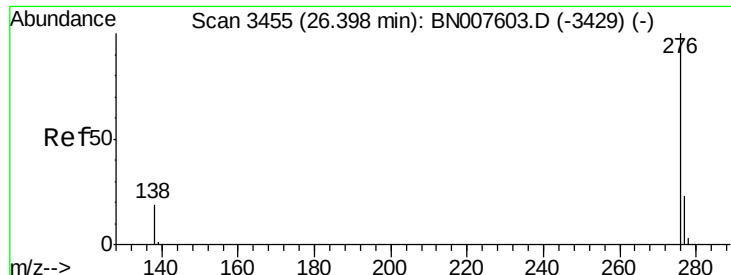
139 15.5 12.6 18.8

279 24.6 19.6 29.4



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: 0.323 ng

RT: 26.38 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BN007631.D

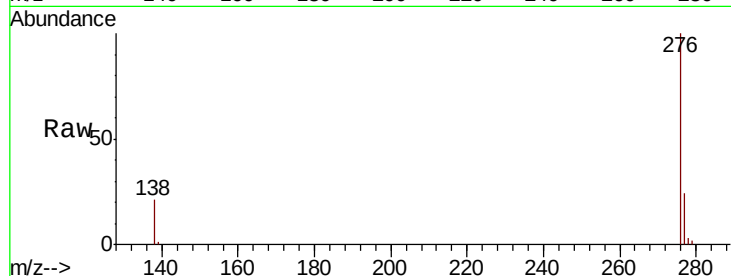
Acq: 13 Sep 2019 17:38

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MS



Tot Ion: 276 Resp: 47067

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 21.1 15.8 23.6

