

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007632.D
 Acq On : 13 Sep 2019 18:13
 Operator : HP/JU
 Sample : K4858-08MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20190909MSD

Quant Time: Sep 14 03:01:01 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	9085	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	35110	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	19222	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	39599	0.40	ng	0.00
27) Chrysene-d12	21.27	240	39735	0.40	ng	-0.01
34) Perylene-d12	23.50	264	39282	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	4274	0.15	ng	0.00
5) Phenol-d6	6.89	99	3553	0.11	ng	0.00
8) Nitrobenzene-d5	8.86	82	9544	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	25874	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2178	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	30994	0.37	ng	0.00
25) Fluoranthene-d10	19.11	212	49023	0.39	ng	0.00
29) Terphenyl-d14	19.72	244	41717	0.40	ng	0.00

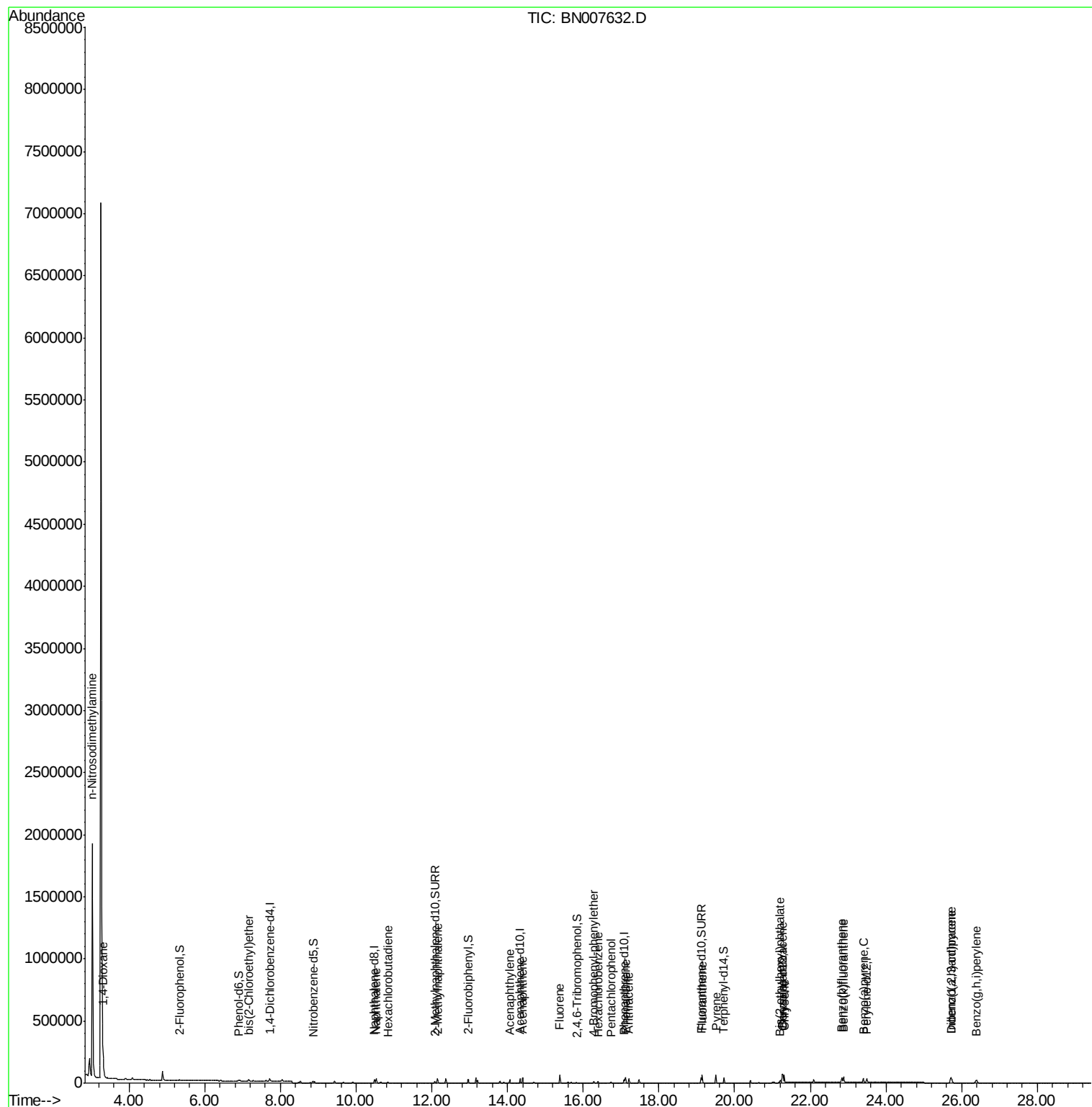
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	58924	5.413	ng	91
3) n-Nitrosodimethylamine	3.03	42	159815	32.353	ng	# 1
6) bis(2-Chloroethyl)ether	7.15	93	11426	0.428	ng	99
9) Naphthalene	10.53	128	40592	0.404	ng	100
10) Hexachlorobutadiene	10.84	225	6554	0.323	ng	# 100
12) 2-Methylnaphthalene	12.15	142	26049	0.385	ng	99
16) Acenaphthylene	14.06	152	33790	0.338	ng	100
17) Acenaphthene	14.40	154	22779	0.349	ng	99
18) Fluorene	15.38	166	29216	0.355	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	9273	0.379	ng	# 85
21) Hexachlorobenzene	16.39	284	9263	0.354	ng	98
22) Pentachlorophenol	16.73	266	4084	0.601	ng	97
23) Phenanthrene	17.12	178	49843	0.399	ng	100
24) Anthracene	17.21	178	42164	0.381	ng	100
26) Fluoranthene	19.14	202	56374	0.386	ng	99
28) Pyrene	19.51	202	57213	0.396	ng	99
30) Benzo(a)anthracene	21.26	228	52334	0.371	ng	99
31) Chrysene	21.31	228	57203	0.390	ng	98
32) Bis(2-ethylhexyl)phthalate	21.21	149	19386	0.406	ng	99
33) Indeno(1,2,3-cd)pyrene	25.71	276	56269	0.359	ng	100
35) Benzo(b)fluoranthene	22.83	252	54646	0.383	ng	98
36) Benzo(k)fluoranthene	22.88	252	56599	0.388	ng	98
37) Benzo(a)pyrene	23.40	252	48760	0.385	ng	98
38) Dibenzo(a,h)anthracene	25.73	278	47146	0.356	ng	99
39) Benzo(g,h,i)perylene	26.39	276	48864	0.372	ng	99

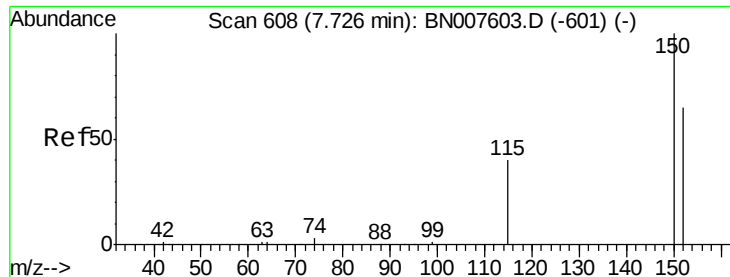
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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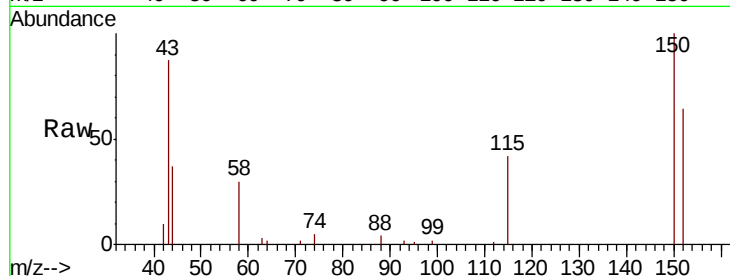


#1

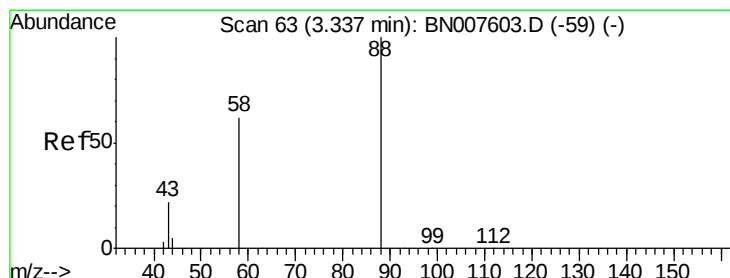
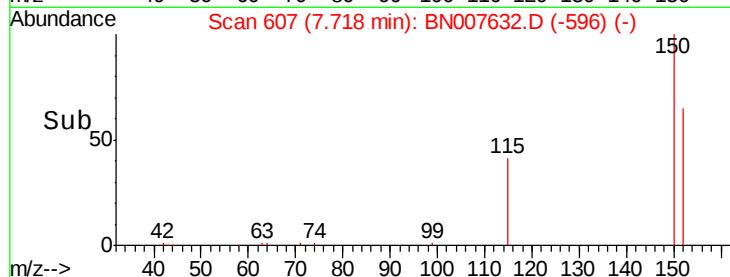
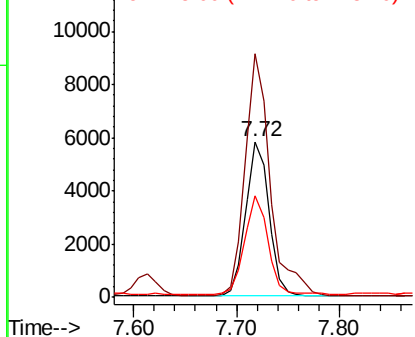
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MSD

Tot Ion:152 Resp: 9085
Ion Ratio Lower Upper
152 100
150 156.2 122.4 183.6
115 65.1 50.4 75.6



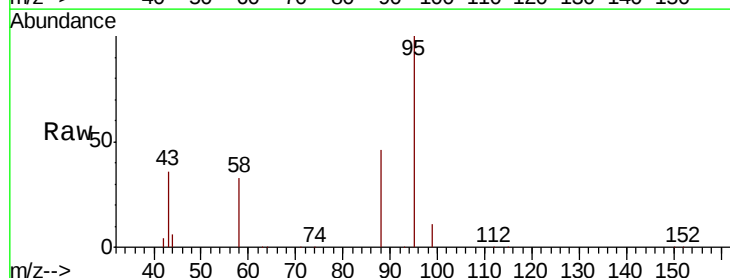
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



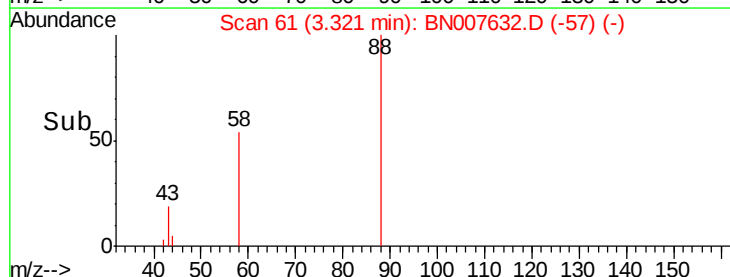
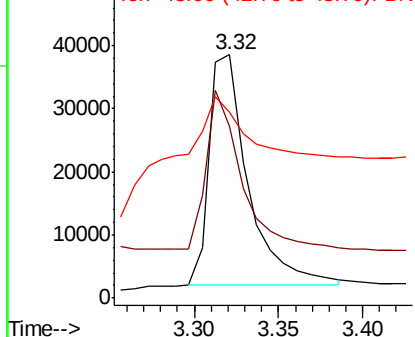
#2

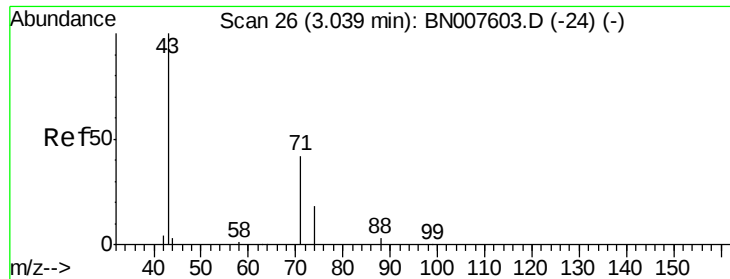
1,4-Dioxane
Concen: 5.413 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.02 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion: 88 Resp: 58924
Ion Ratio Lower Upper
88 100
58 61.2 57.0 85.4
43 24.4 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: 32.353 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MSD

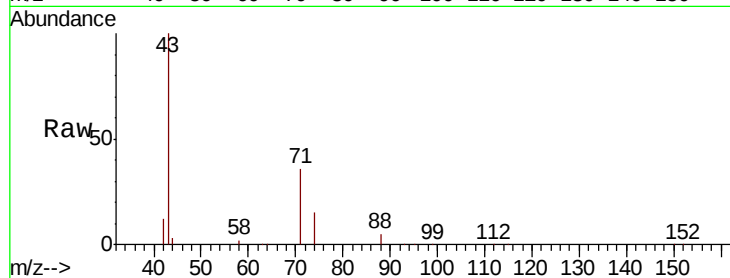
Tot Ion: 42 Resp: 159815

Ion Ratio Lower Upper

42 100

74 145.4 9.8 14.8#

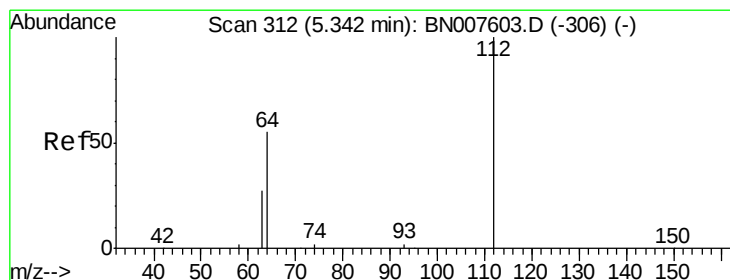
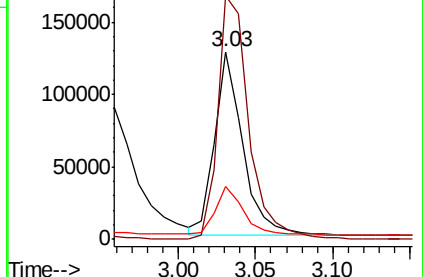
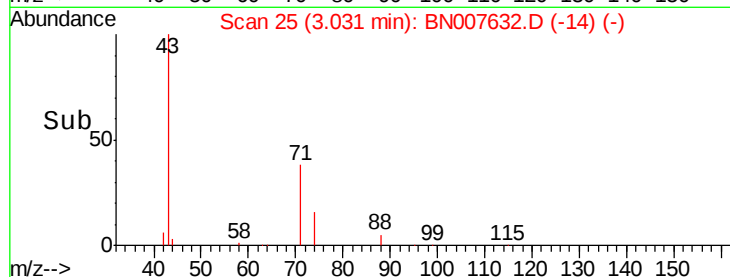
44 26.7 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.147 ng

RT: 5.34 min Scan# 312

Delta R.T. -0.00 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

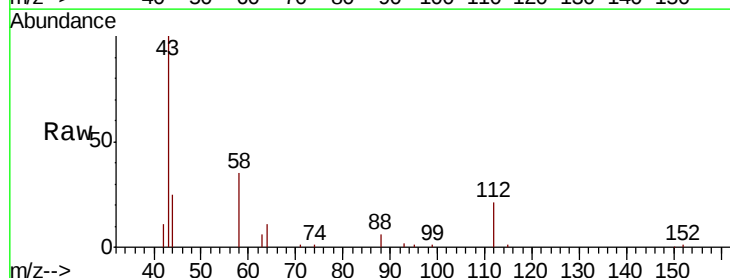
Tgt Ion: 112 Resp: 4274

Ion Ratio Lower Upper

112 100

64 59.6 48.5 72.7

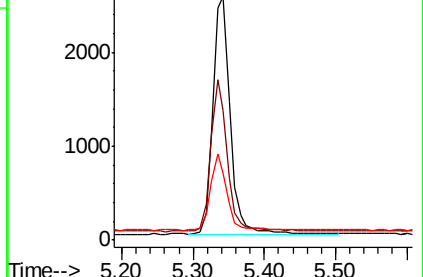
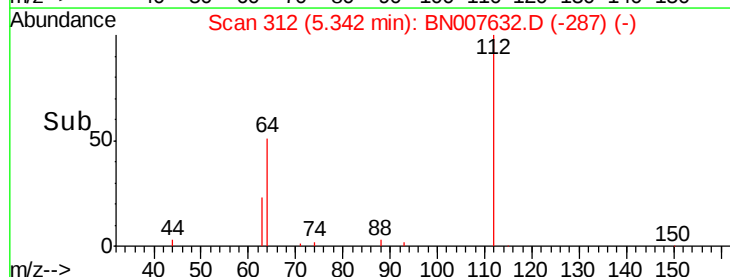
63 30.4 24.4 36.6

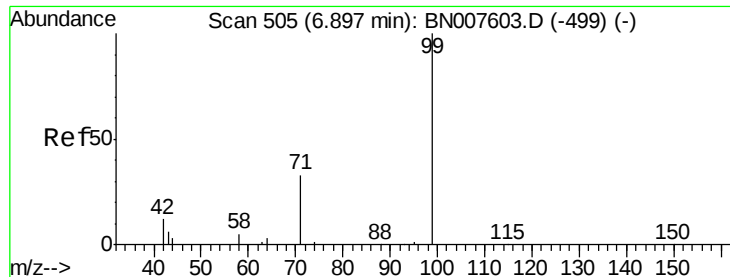


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.106 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MSD

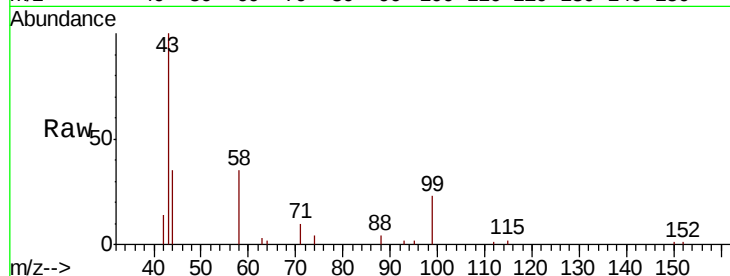
Tot Ion: 99 Resp: 3553

Ion Ratio Lower Upper

99 100

42 27.0 11.8 17.6#

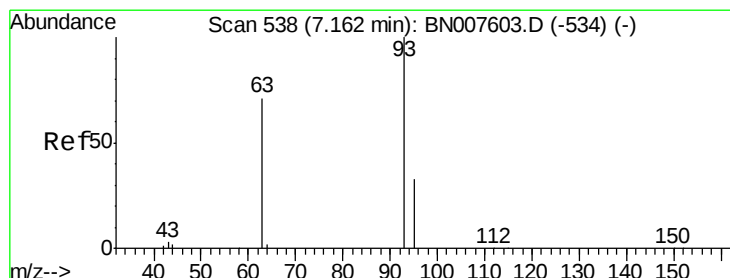
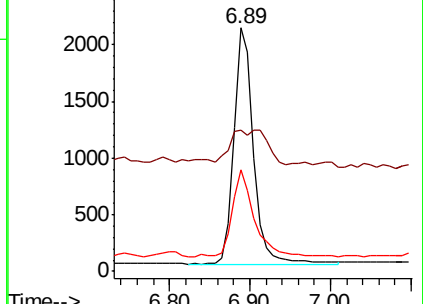
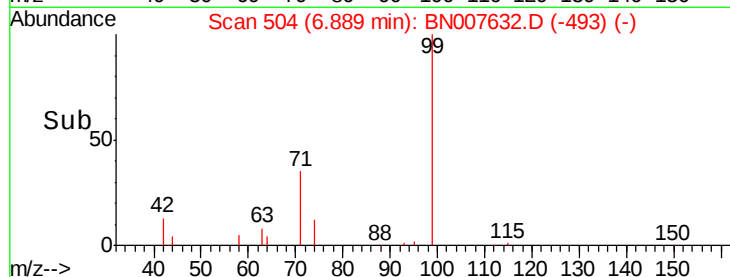
71 41.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BN007603.D (-499) (-)

Ion 42.00 (41.70 to 42.70): BN007603.D (-499) (-)

Ion 71.00 (70.70 to 71.70): BN007603.D (-499) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.428 ng

RT: 7.15 min Scan# 537

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

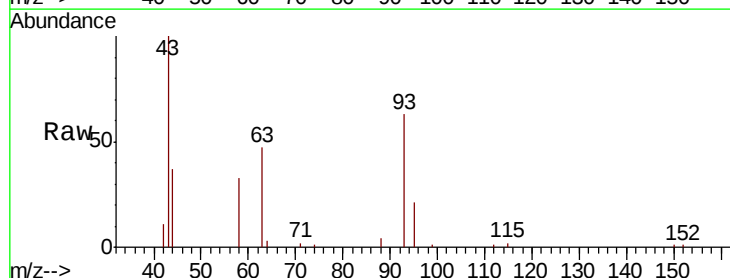
Tgt Ion: 93 Resp: 11426

Ion Ratio Lower Upper

93 100

63 75.7 61.2 91.8

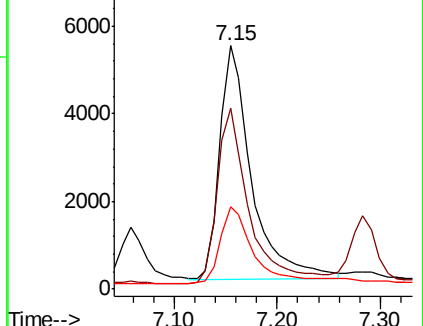
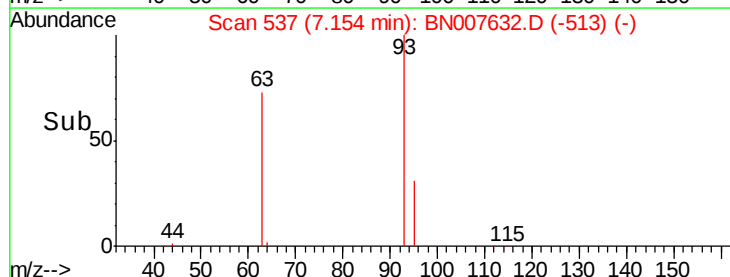
95 34.6 27.2 40.8

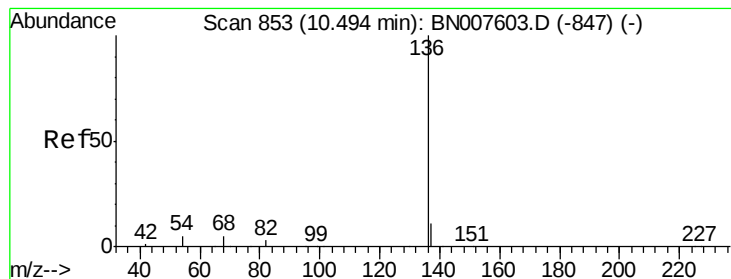


Abundance Ion 93.00 (92.70 to 93.70): BN007603.D (-534) (-)

Ion 63.00 (62.70 to 63.70): BN007603.D (-534) (-)

Ion 95.00 (94.70 to 95.70): BN007603.D (-534) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MSD

Tot Ion:136 Resp: 35110

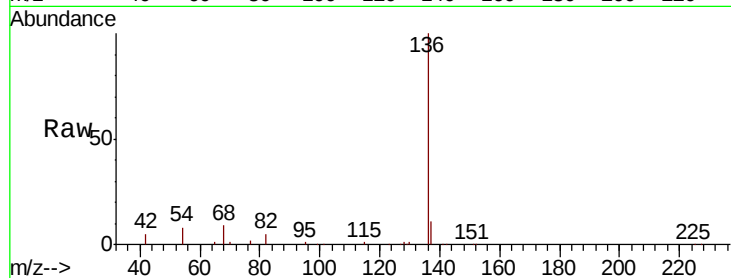
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.1 4.2 6.4#

68 8.7 4.6 7.0#

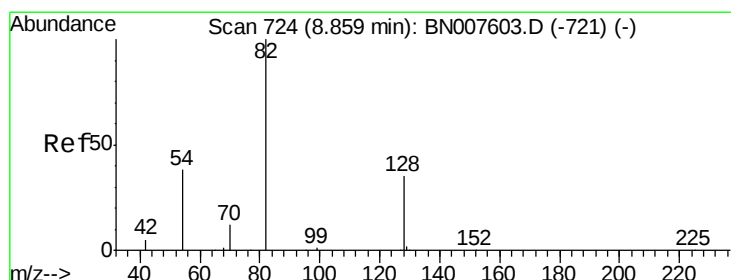
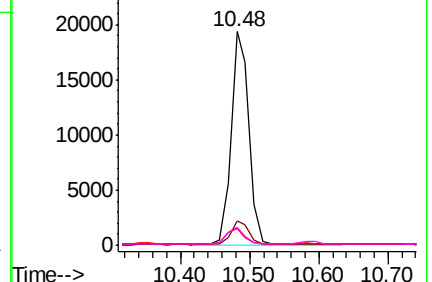
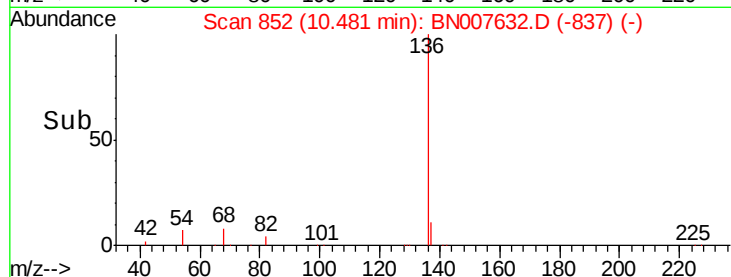


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.341 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

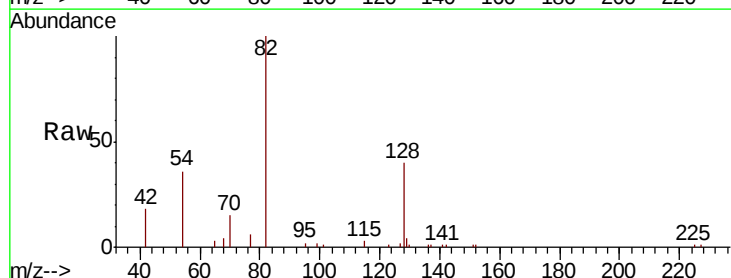
Tgt Ion: 82 Resp: 9544

Ion Ratio Lower Upper

82 100

128 39.7 27.9 41.9

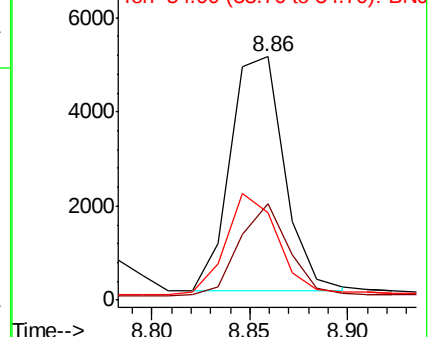
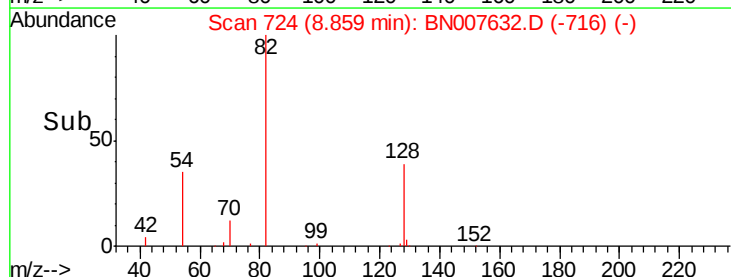
54 35.9 30.9 46.3

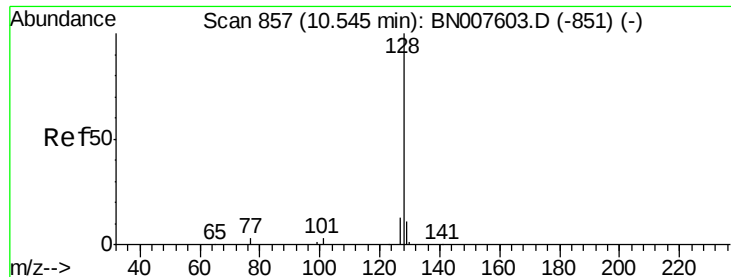


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.404 ng

RT: 10.53 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MSD

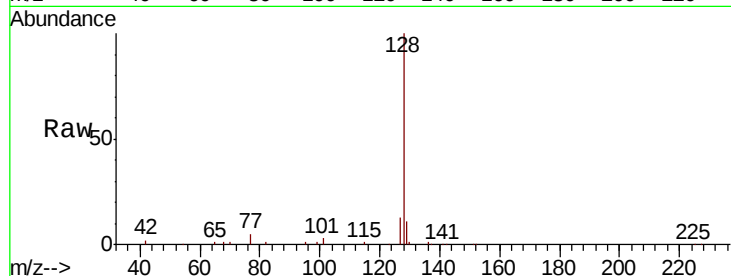
Tot Ion:128 Resp: 40592

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

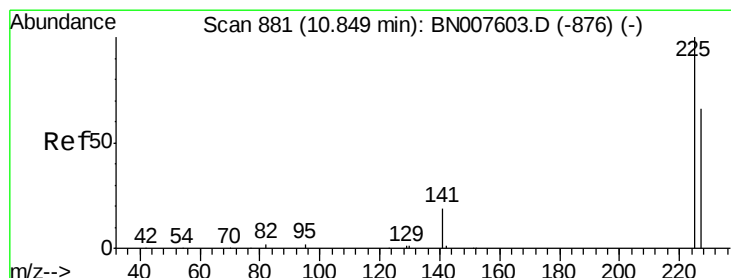
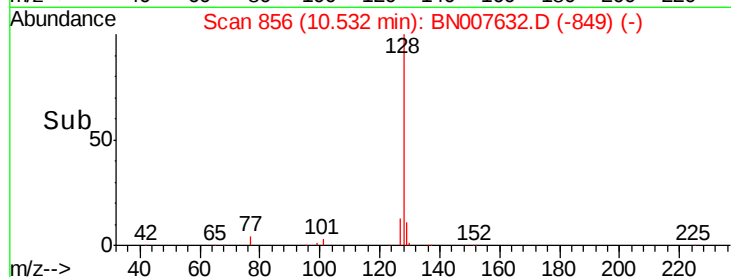
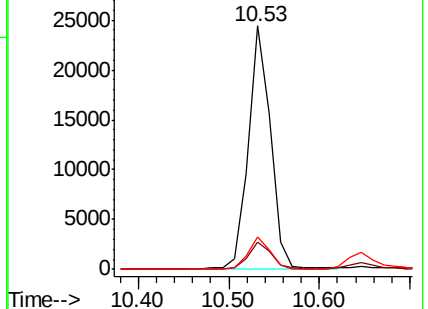
127 13.3 10.4 15.6



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: 0.323 ng

RT: 10.84 min Scan# 880

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

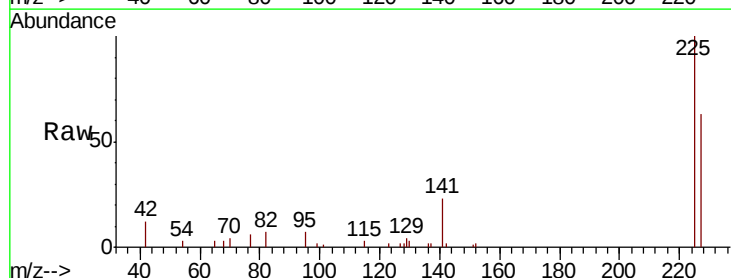
Tgt Ion:225 Resp: 6554

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

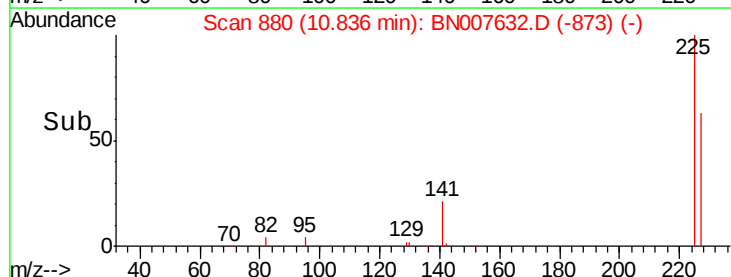
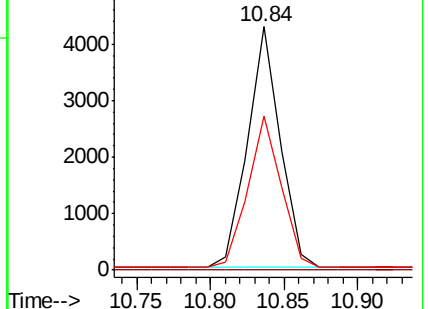
227 63.9 51.3 76.9

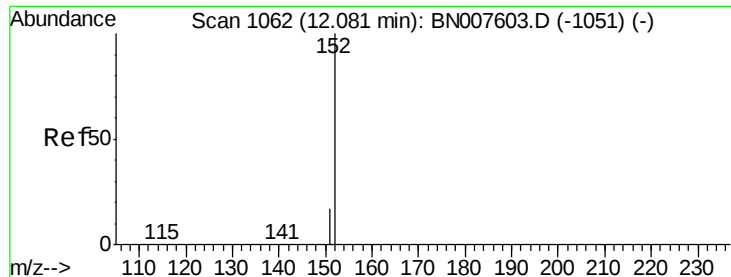


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

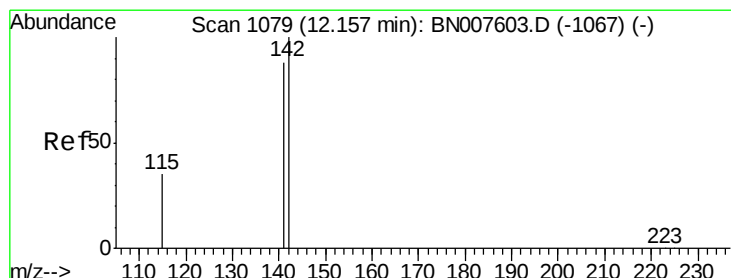
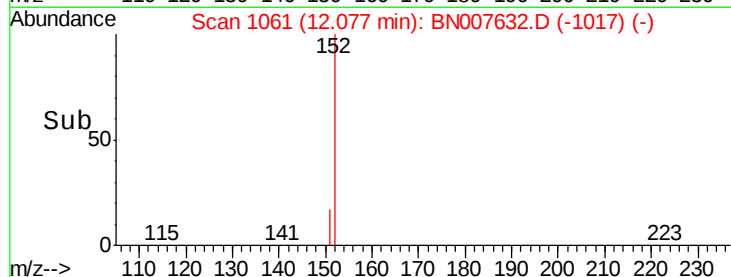
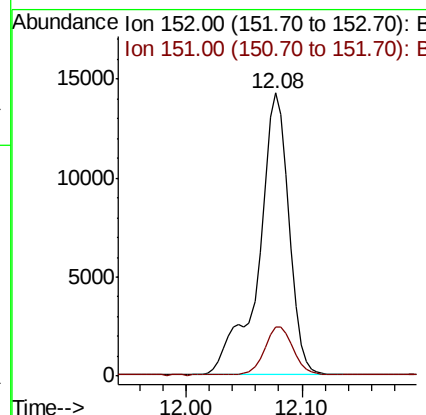
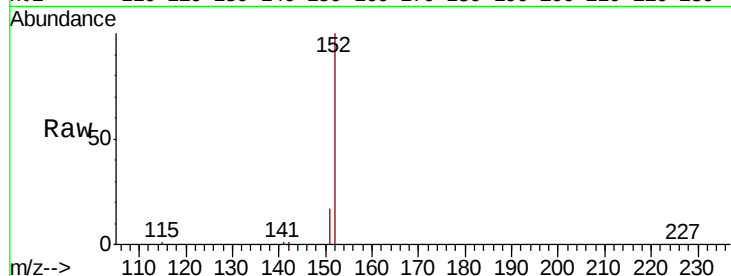




#11
 2-Methylnaphthalene-d10
 Concen: 0.435 ng
 RT: 12.08 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BN007632.D
 Acq: 13 Sep 2019 18:13

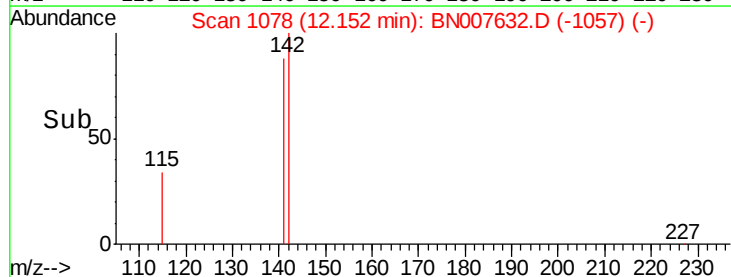
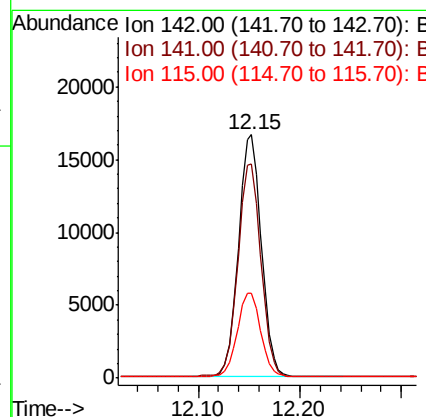
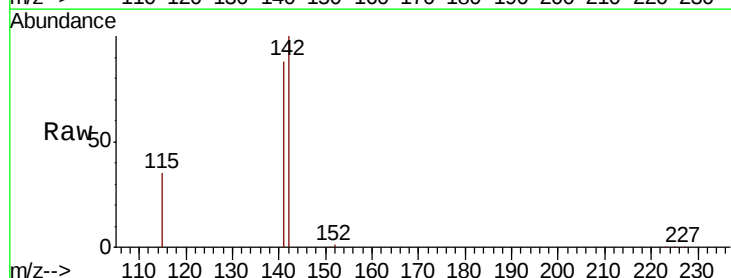
Instrument :
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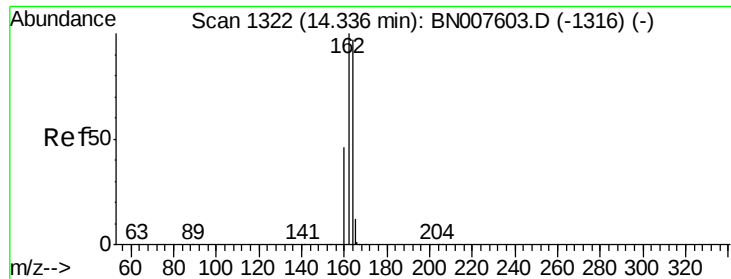
Tot Ion:152 Resp: 25874
 Ion Ratio Lower Upper
 152 100
 151 16.4 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.385 ng
 RT: 12.15 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BN007632.D
 Acq: 13 Sep 2019 18:13

Tgt Ion:142 Resp: 26049
 Ion Ratio Lower Upper
 142 100
 141 87.7 70.5 105.7
 115 34.8 28.4 42.6

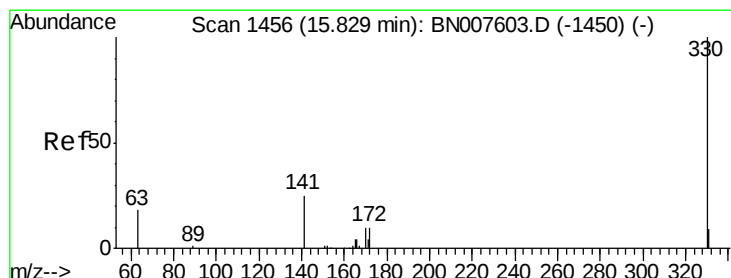
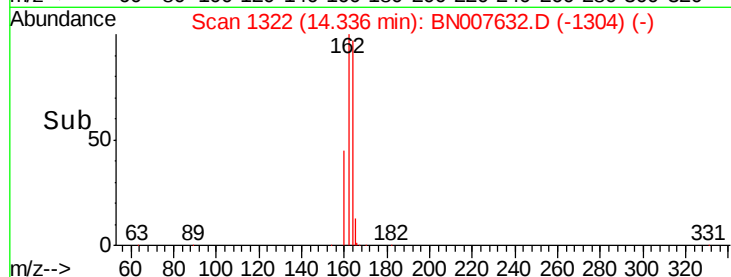
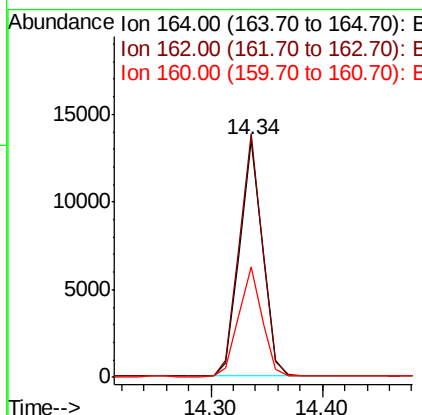
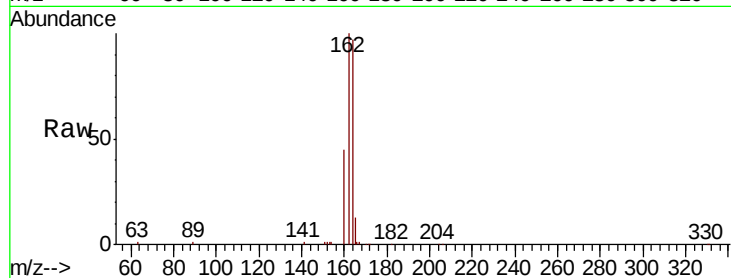




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

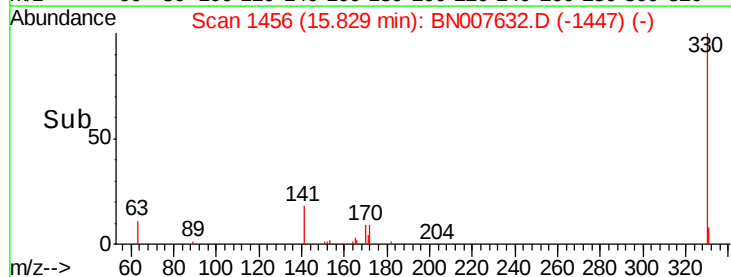
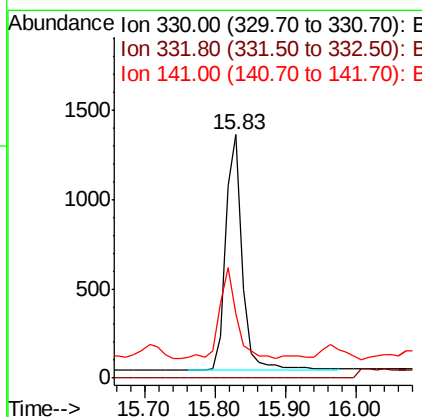
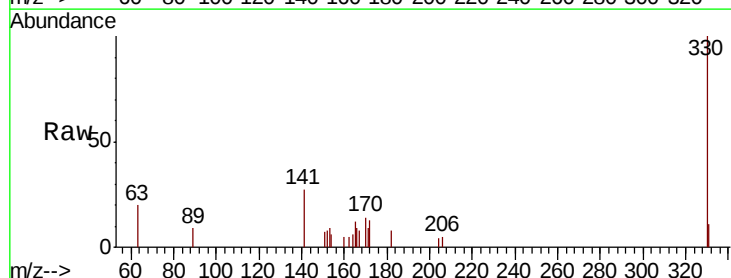
Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MSD

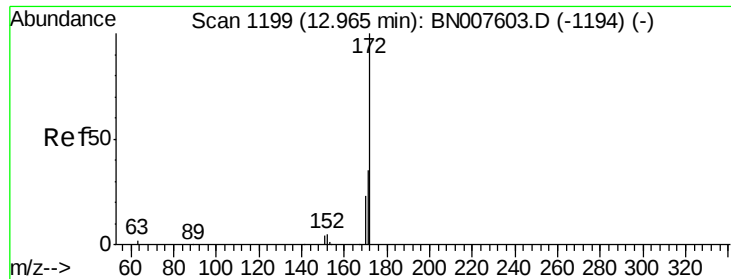
Tot Ion:164 Resp: 19222
Ion Ratio Lower Upper
164 100
162 102.6 82.8 124.2
160 46.5 38.0 57.0



#14
2,4,6-Tribromophenol
Concen: 0.300 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion:330 Resp: 2178
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.8 30.1 45.1

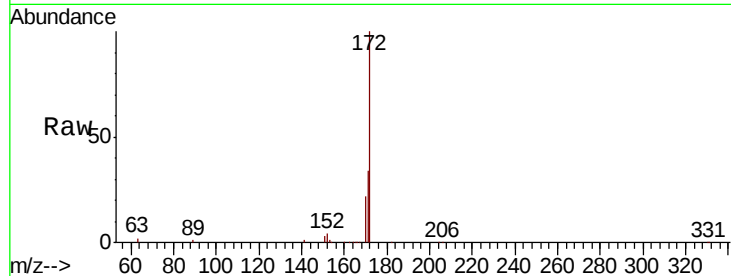




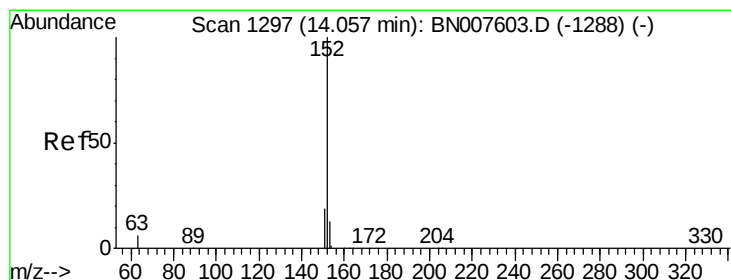
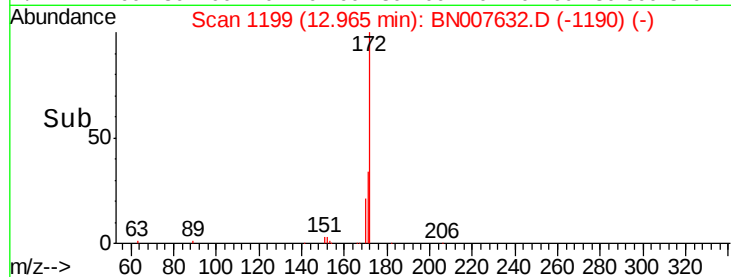
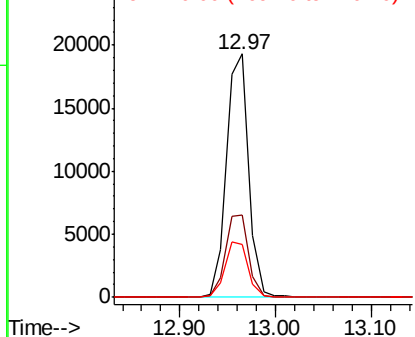
#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MSD

Tot Ion:172 Resp: 30994
Ion Ratio Lower Upper
172 100
171 33.7 27.9 41.9
170 21.6 18.5 27.7

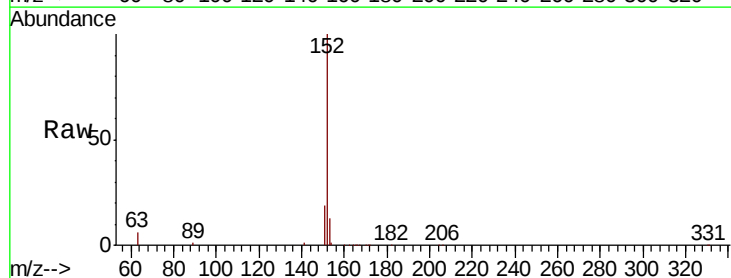


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

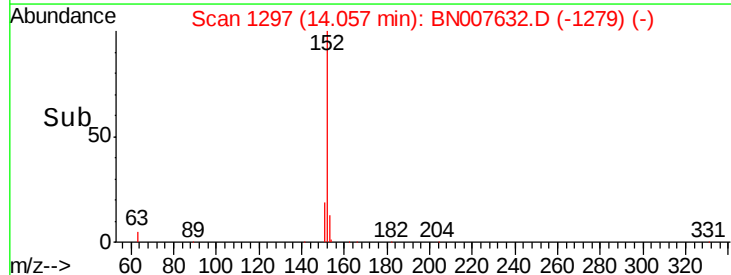
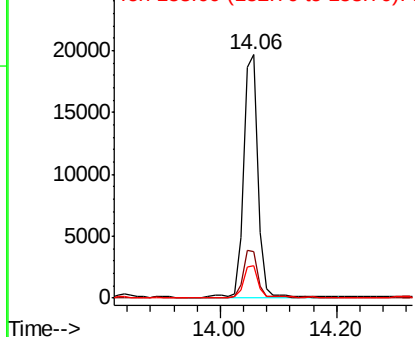


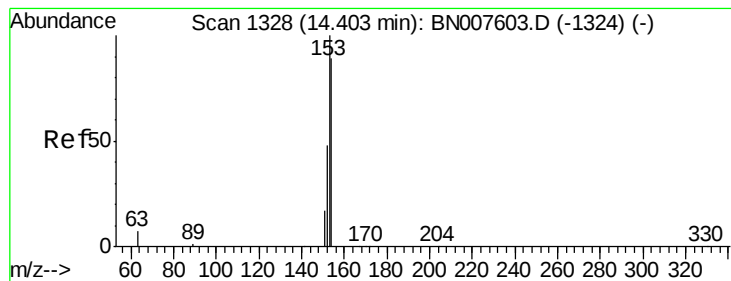
#16
Acenaphthylene
Concen: 0.338 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion:152 Resp: 33790
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.349 ng

RT: 14.40 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MSD

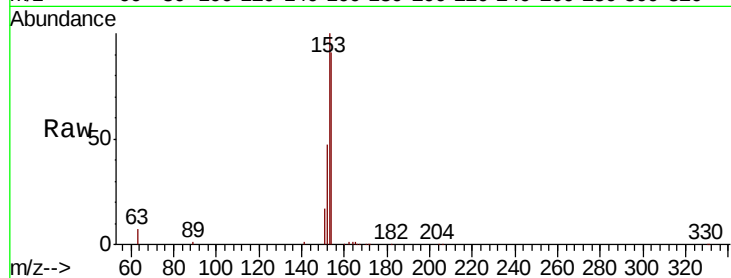
Tot Ion:154 Resp: 22779

Ion Ratio Lower Upper

154 100

153 113.1 89.8 134.8

152 55.3 43.8 65.8

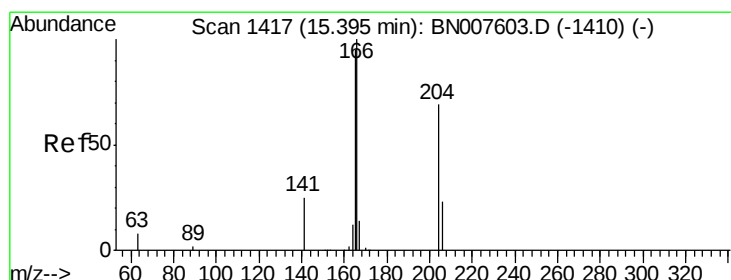
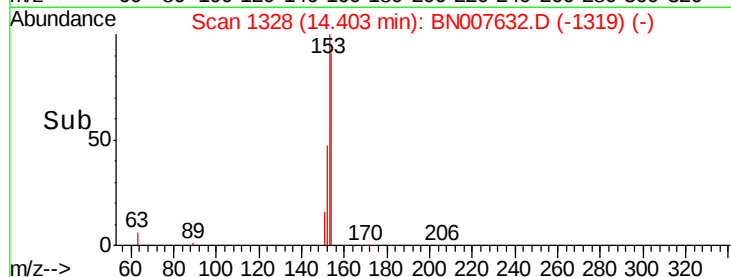
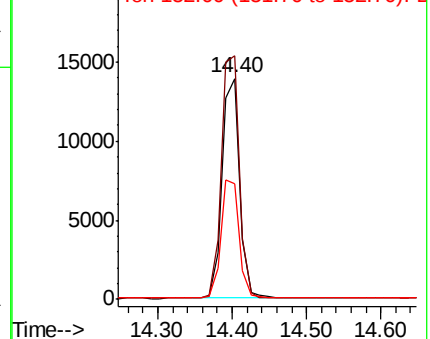


Abundance

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: 0.355 ng

RT: 15.38 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

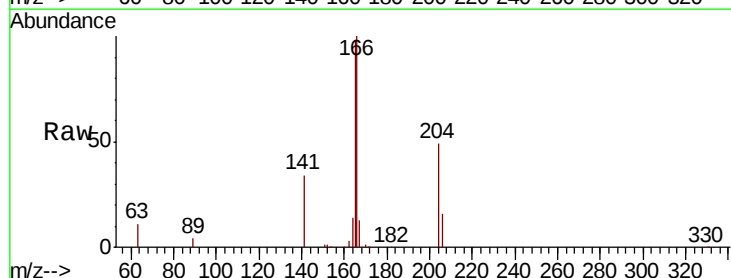
Tgt Ion:166 Resp: 29216

Ion Ratio Lower Upper

166 100

165 97.7 77.8 116.6

167 13.4 10.8 16.2

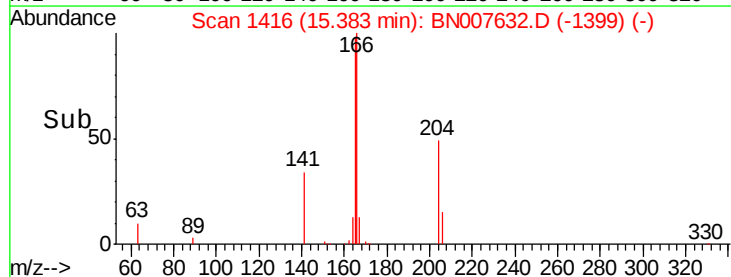
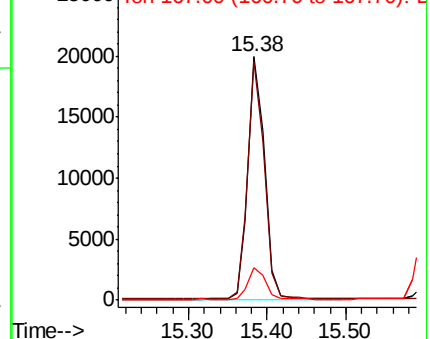


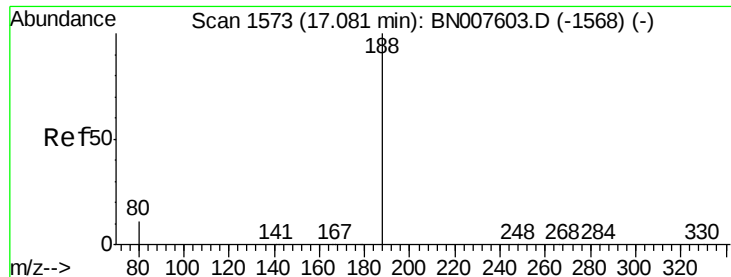
Abundance

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: BN007632.D

Acq: 13 Sep 2019 18:13

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MSD

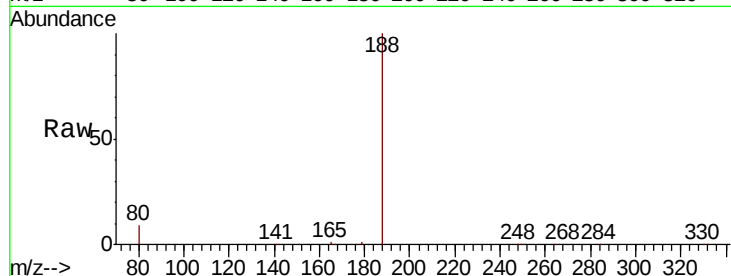
Tot Ion:188 Resp: 39599

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

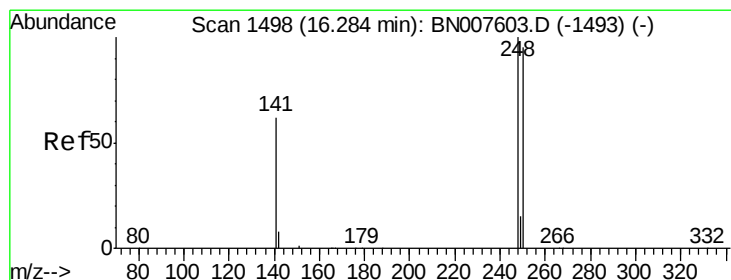
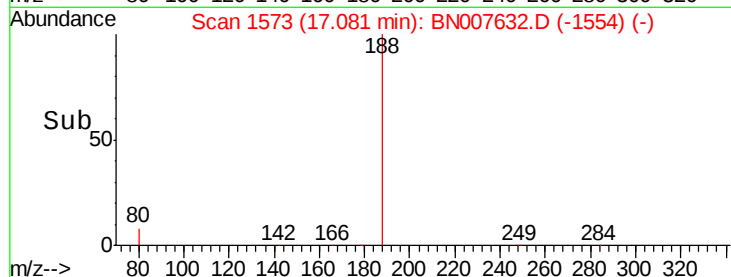
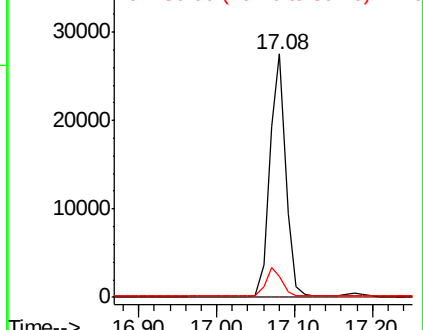
80 8.5 8.8 13.2#



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: 0.379 ng

RT: 16.28 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

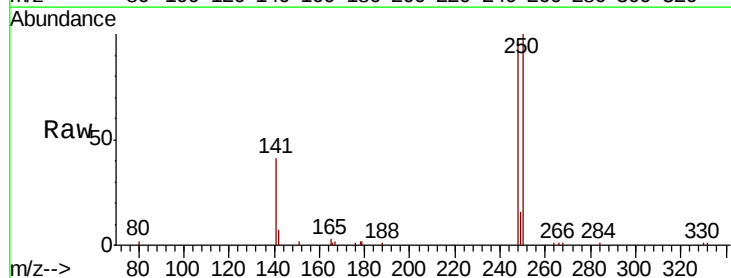
Tgt Ion:248 Resp: 9273

Ion Ratio Lower Upper

248 100

250 104.1 76.3 114.5

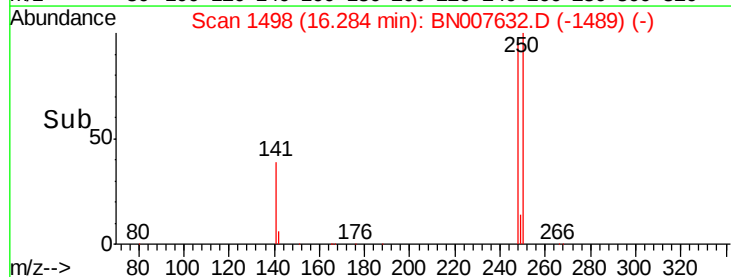
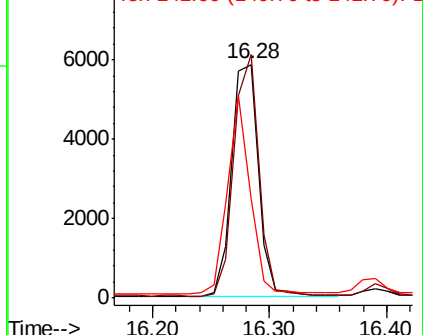
141 42.5 49.7 74.5#

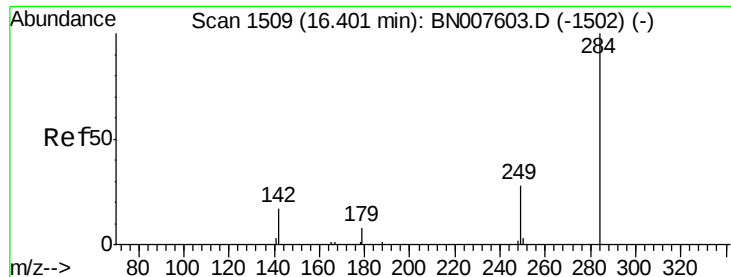


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.354 ng

RT: 16.39 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MSD

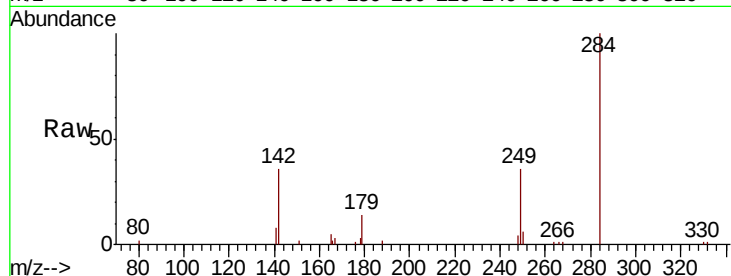
Tot Ion:284 Resp: 9263

Ion Ratio Lower Upper

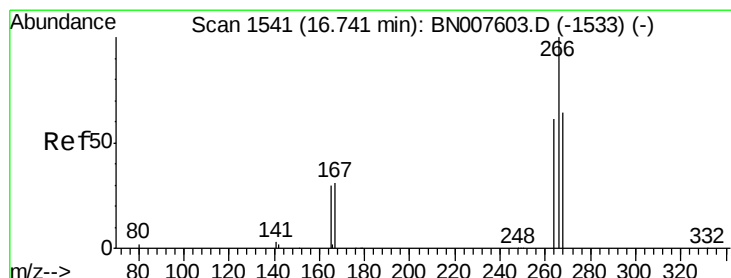
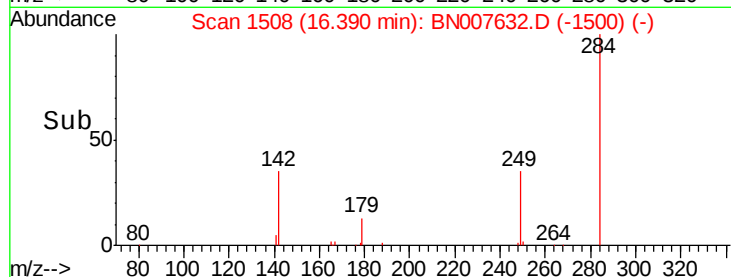
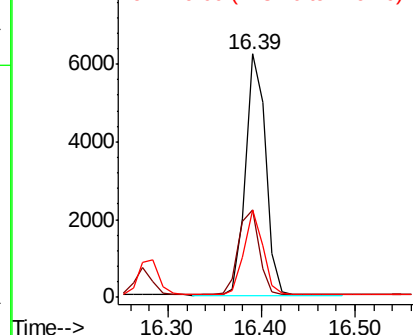
284 100

142 35.7 27.8 41.6

249 32.8 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: 0.601 ng

RT: 16.73 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

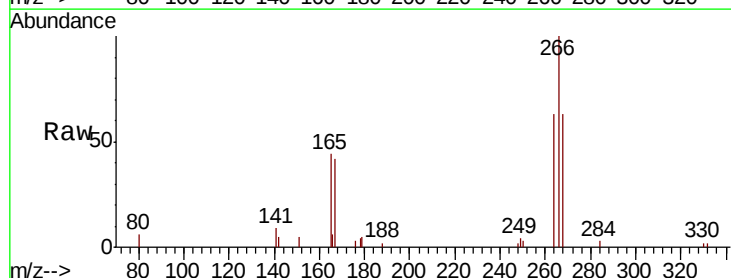
Tgt Ion:266 Resp: 4084

Ion Ratio Lower Upper

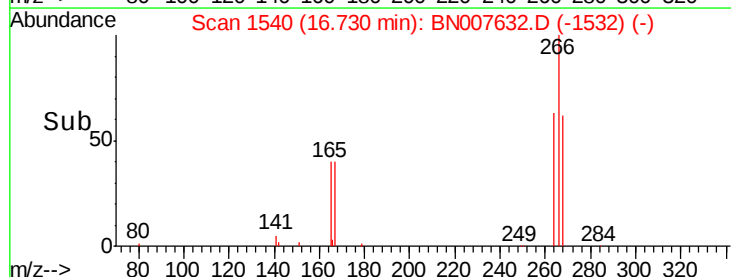
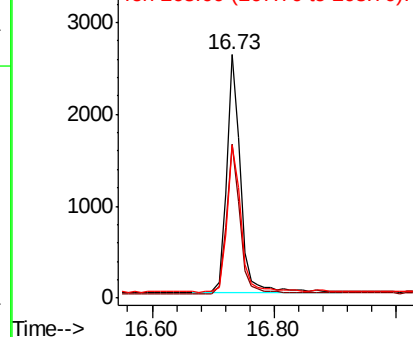
266 100

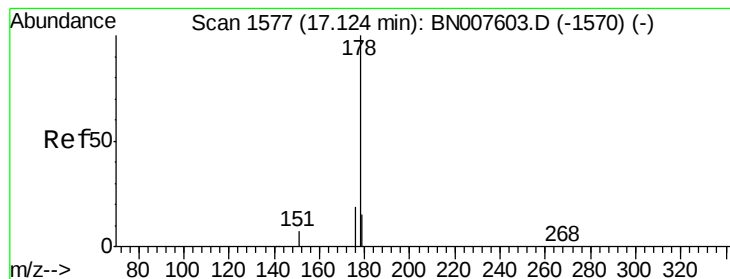
264 63.4 49.4 74.0

268 62.7 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: 0.399 ng

RT: 17.12 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MSD

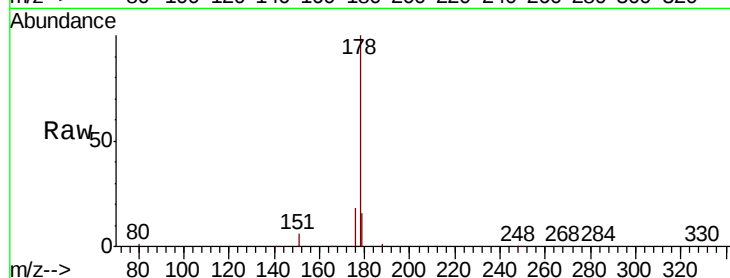
Tot Ion:178 Resp: 49843

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

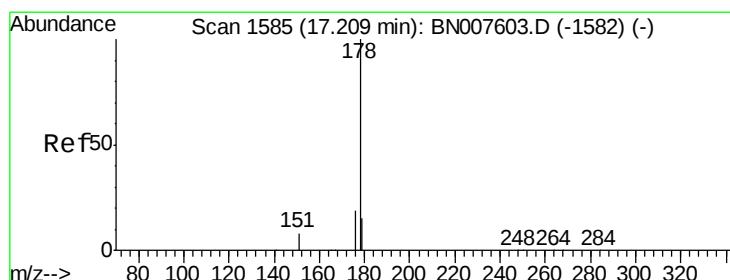
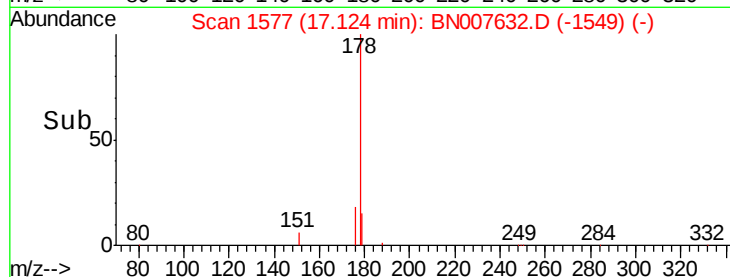
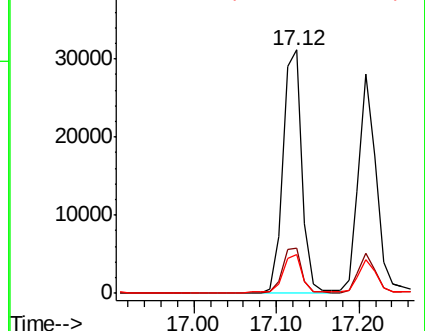
179 15.4 12.4 18.6



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



#24

Anthracene

Concen: 0.381 ng

RT: 17.21 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

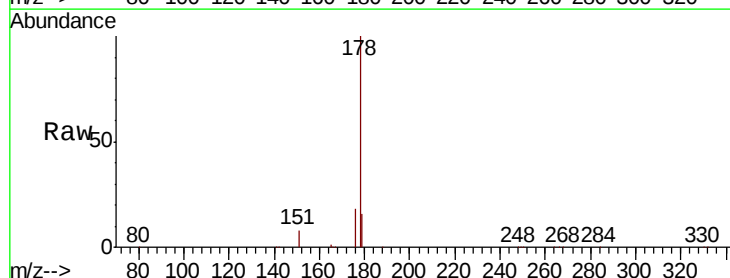
Tgt Ion:178 Resp: 42164

Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

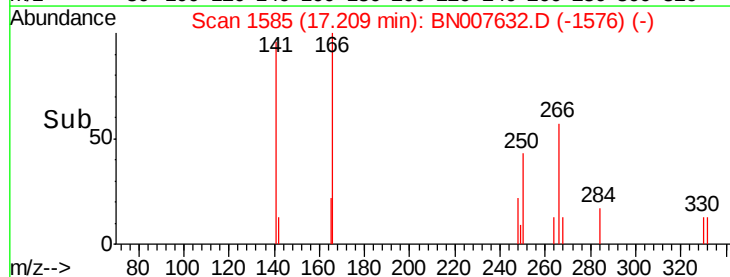
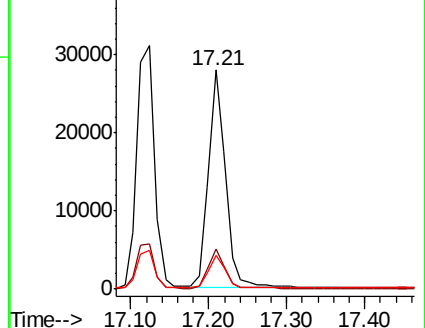
179 15.3 12.4 18.6

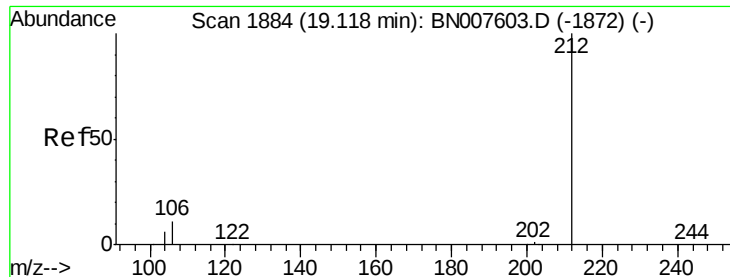


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.392 ng

RT: 19.11 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MSD

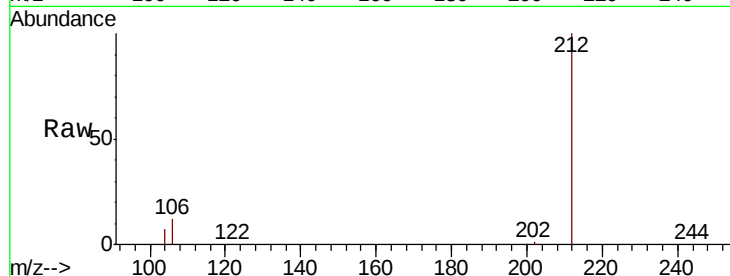
Tot Ion:212 Resp: 49023

Ion Ratio Lower Upper

212 100

106 12.3 9.6 14.4

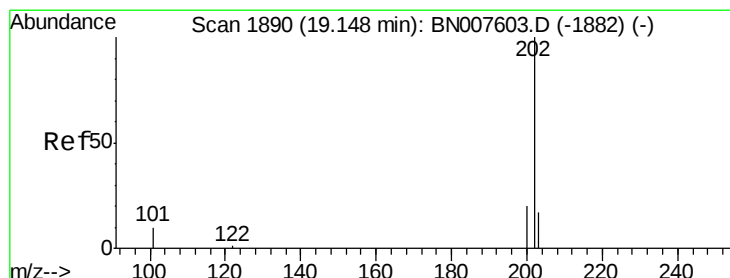
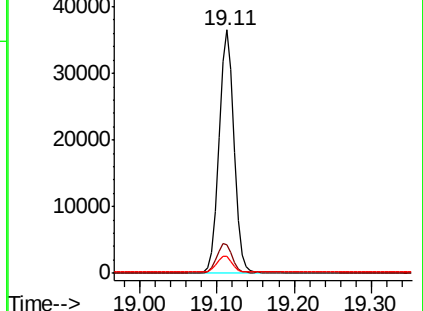
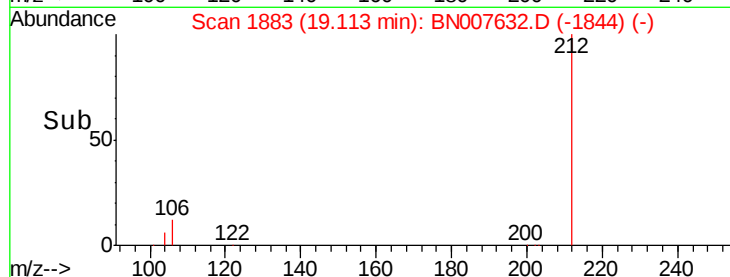
104 6.9 5.4 8.0



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: 0.386 ng

RT: 19.14 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

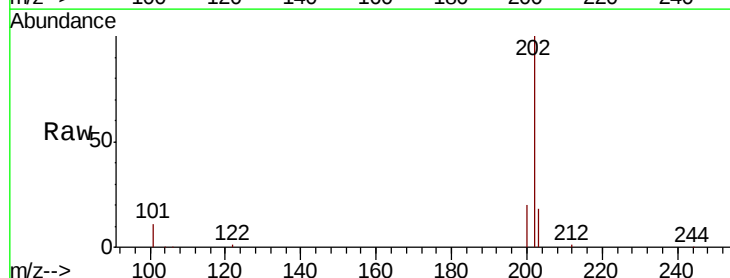
Tgt Ion:202 Resp: 56374

Ion Ratio Lower Upper

202 100

101 11.4 8.6 13.0

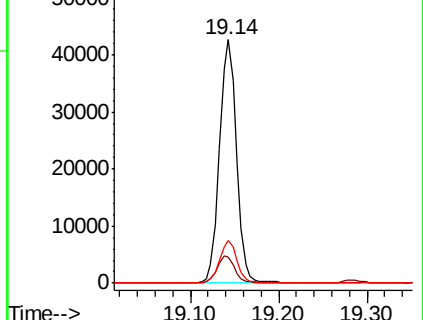
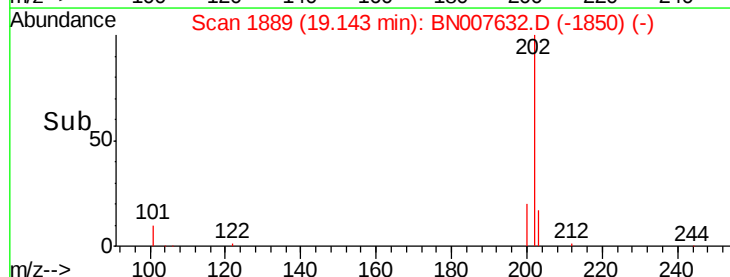
203 17.3 13.8 20.6

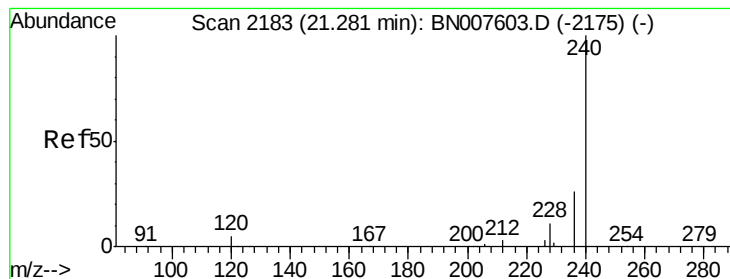


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN007632.D

Acq: 13 Sep 2019 18:13

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MSD

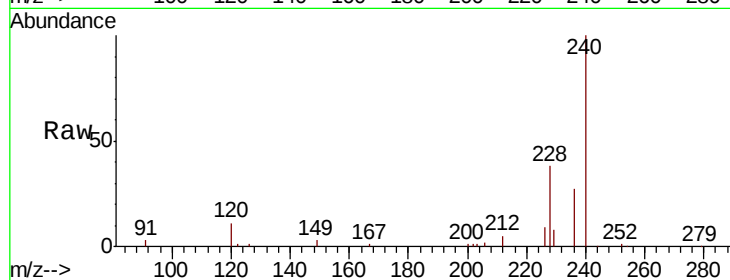
Tot Ion:240 Resp: 39735

Ion Ratio Lower Upper

240 100

120 10.7 4.3 6.5#

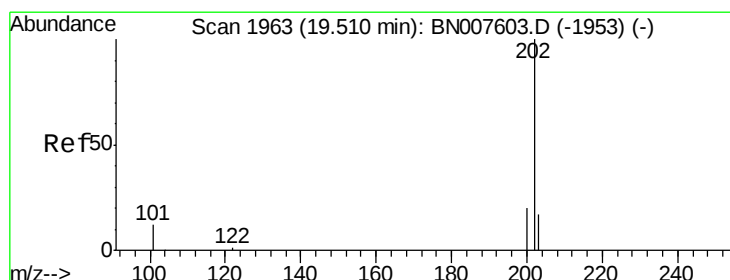
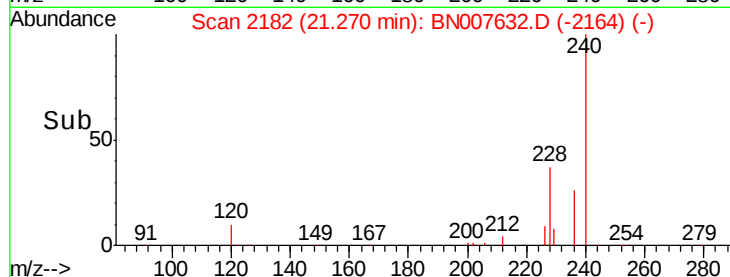
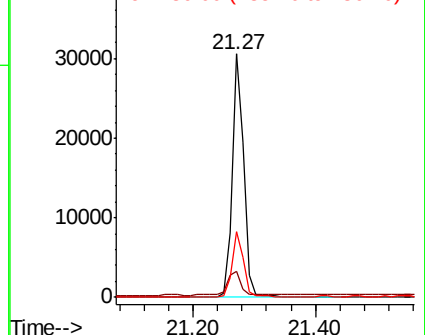
236 26.7 20.8 31.2



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: 0.396 ng

RT: 19.51 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

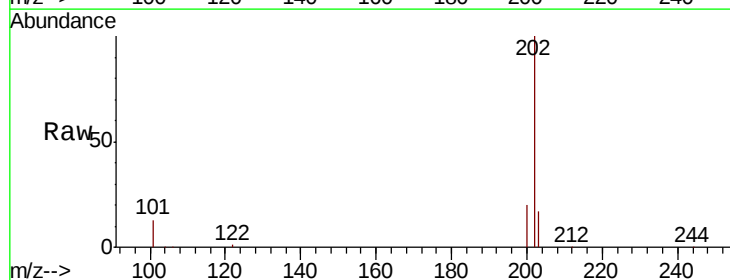
Tgt Ion:202 Resp: 57213

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

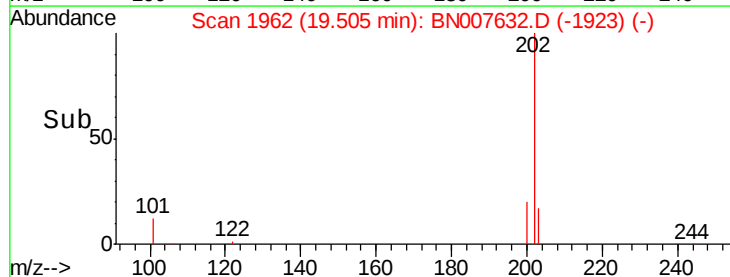
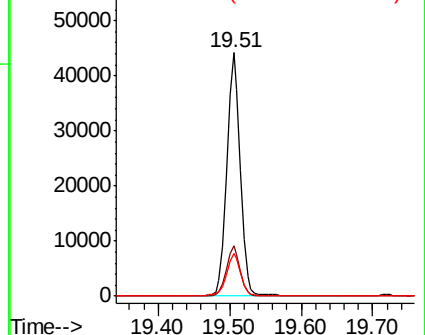
203 17.9 14.0 21.0

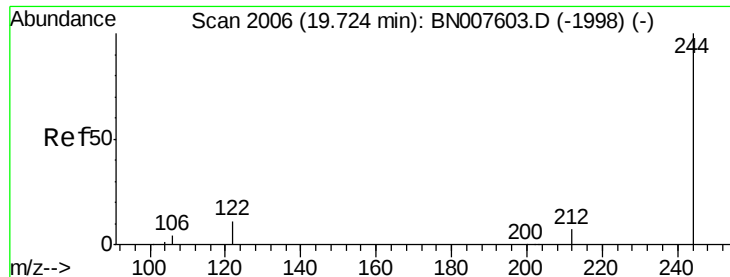


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.398 ng

RT: 19.72 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MSD

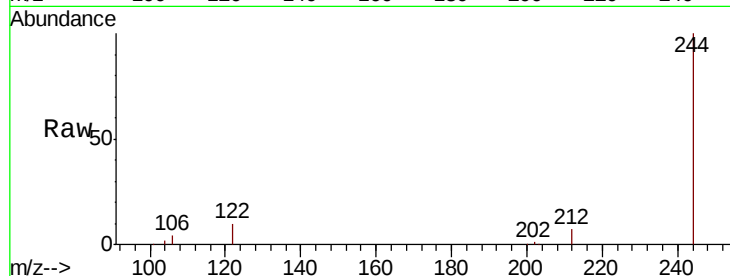
Tot Ion:244 Resp: 41717

Ion Ratio Lower Upper

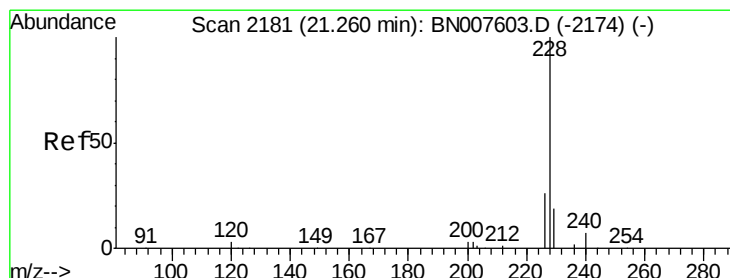
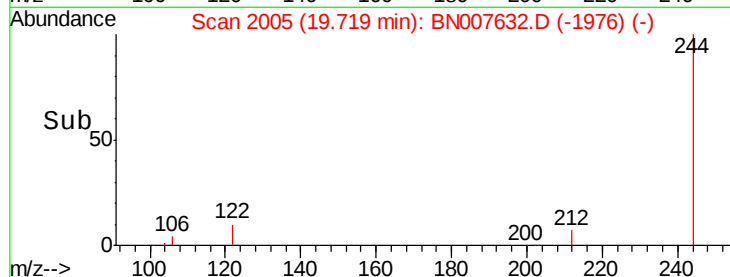
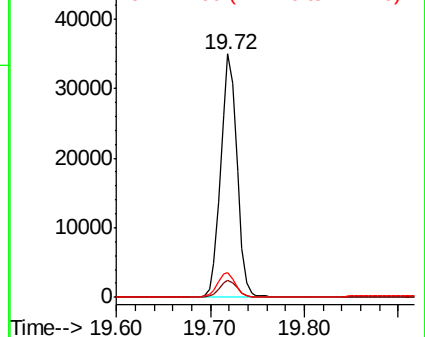
244 100

212 7.2 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: 0.371 ng

RT: 21.26 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

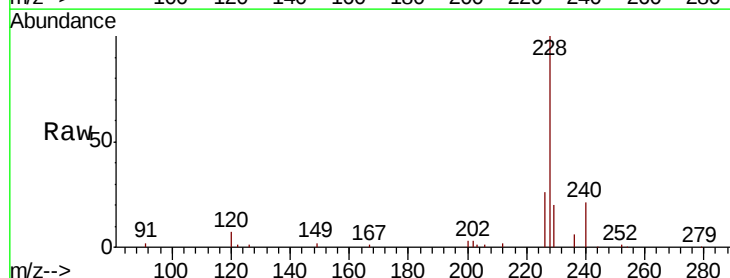
Tgt Ion:228 Resp: 52334

Ion Ratio Lower Upper

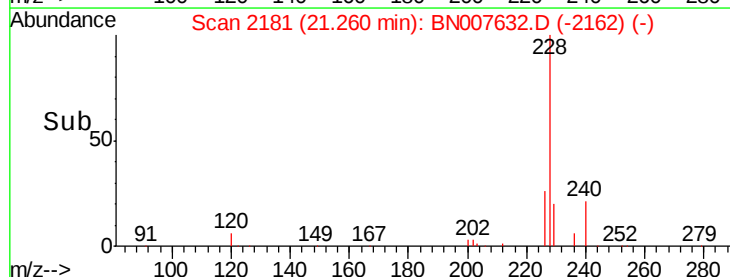
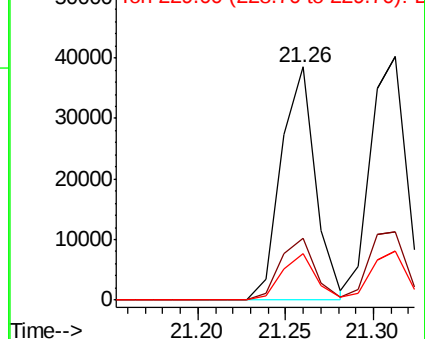
228 100

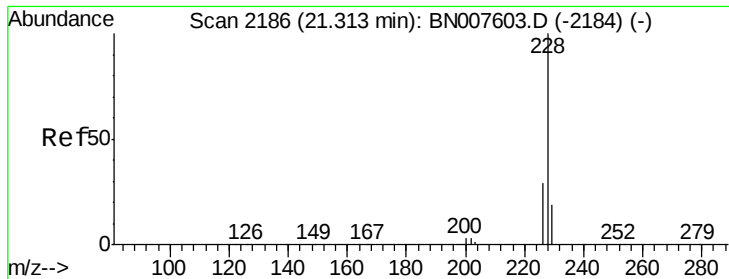
226 26.3 21.2 31.8

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





#31

Chrysene

Concen: 0.390 ng

RT: 21.31 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MSD

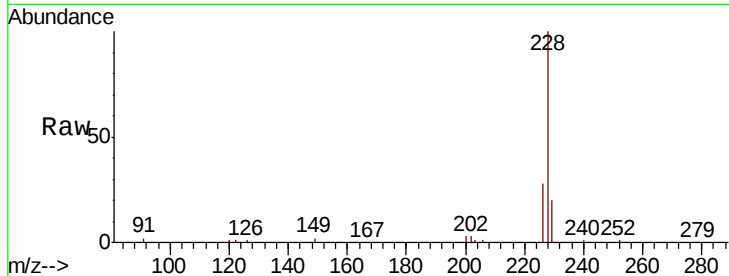
Tot Ion:228 Resp: 57203

Ion Ratio Lower Upper

228 100

226 28.1 23.4 35.2

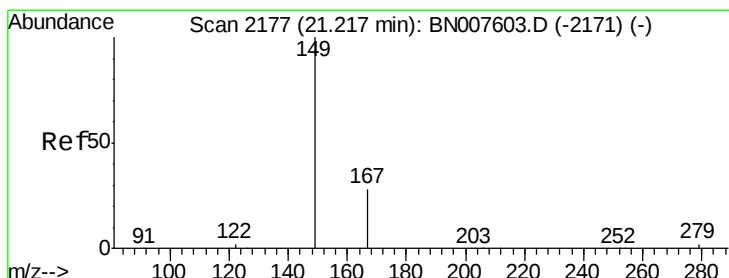
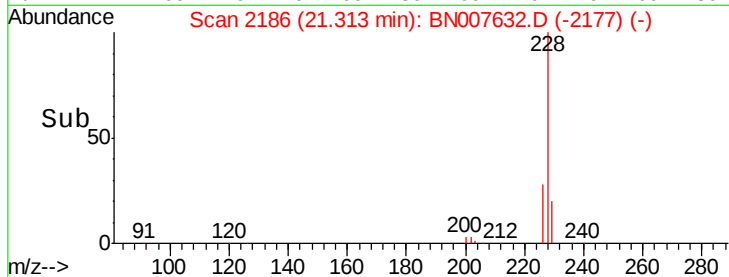
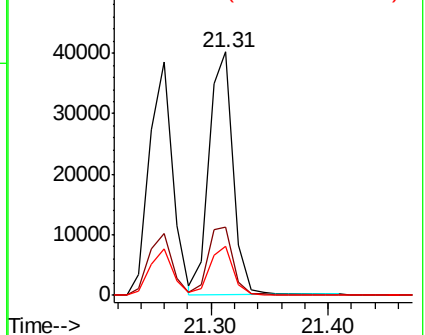
229 19.9 15.5 23.3



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: 0.406 ng

RT: 21.21 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

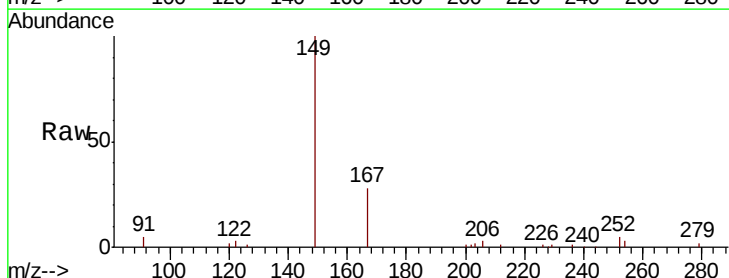
Tgt Ion:149 Resp: 19386

Ion Ratio Lower Upper

149 100

167 28.6 22.6 34.0

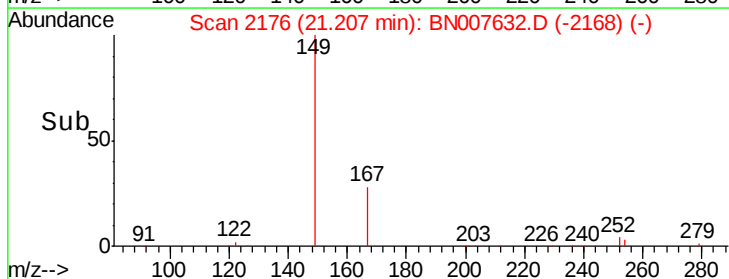
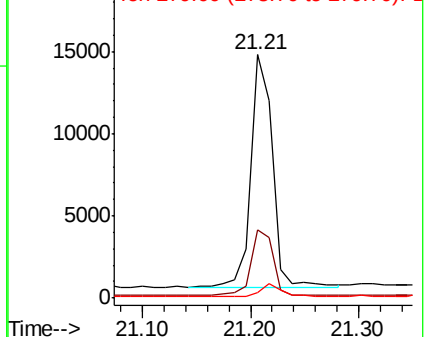
279 4.6 3.8 5.6

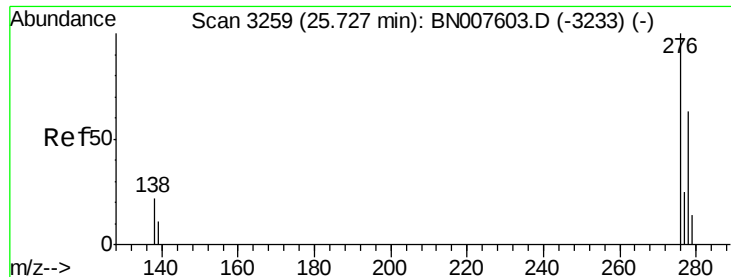


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.359 ng

RT: 25.71 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MSD

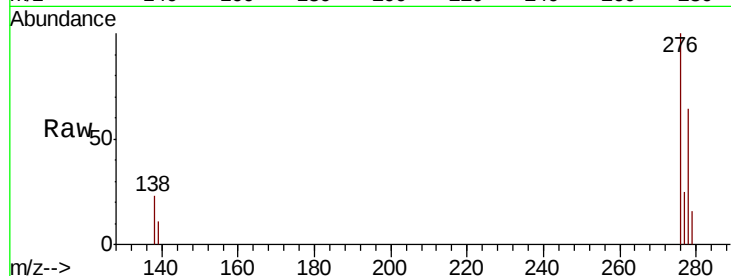
Tot Ion:276 Resp: 56269

Ion Ratio Lower Upper

276 100

138 22.9 18.2 27.4

277 24.9 20.1 30.1

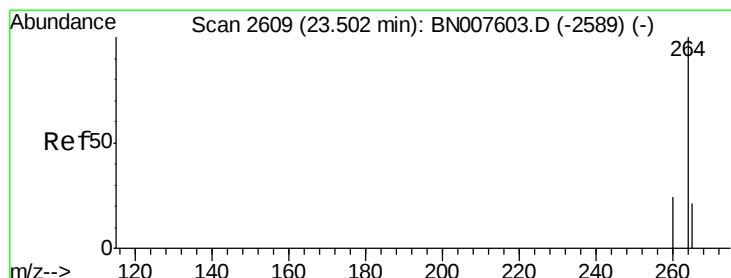
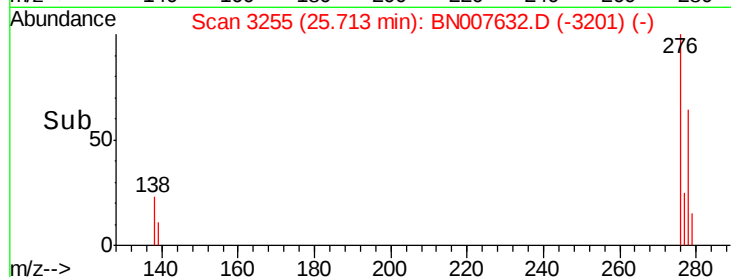
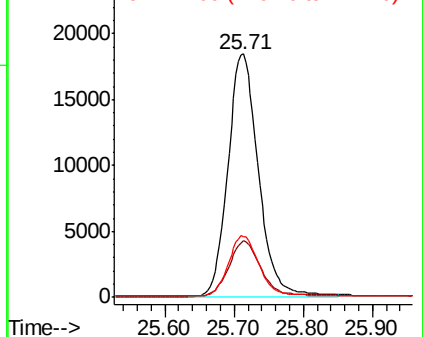


Abundance

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: BN007632.D

Acq: 13 Sep 2019 18:13

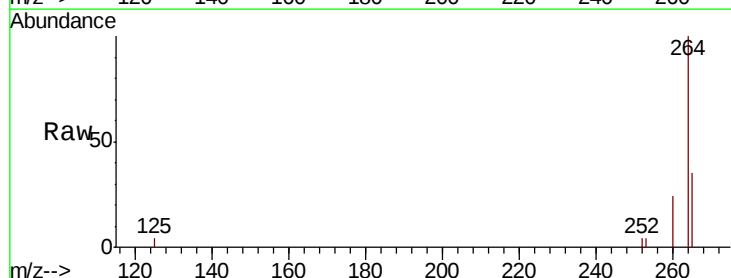
Tgt Ion:264 Resp: 39282

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 35.3 24.6 37.0

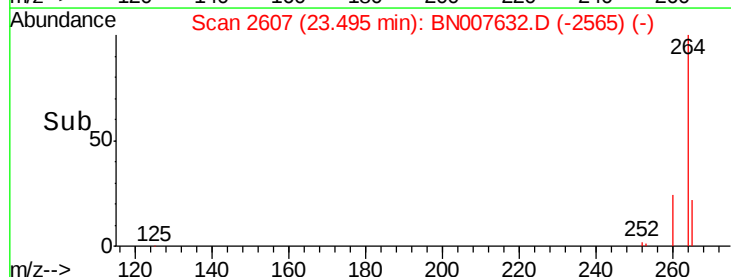
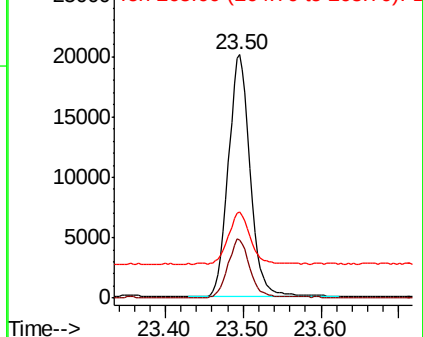


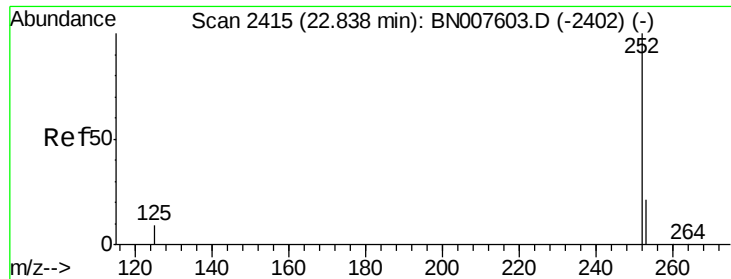
Abundance

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

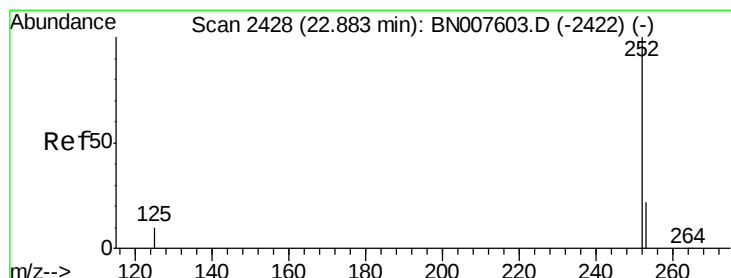
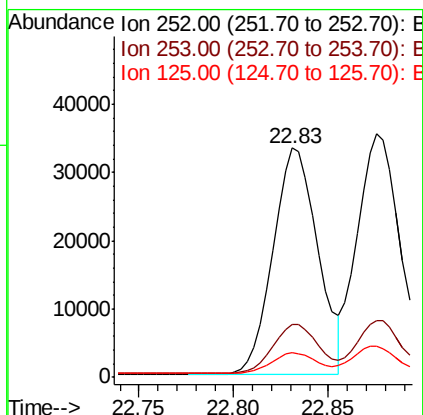
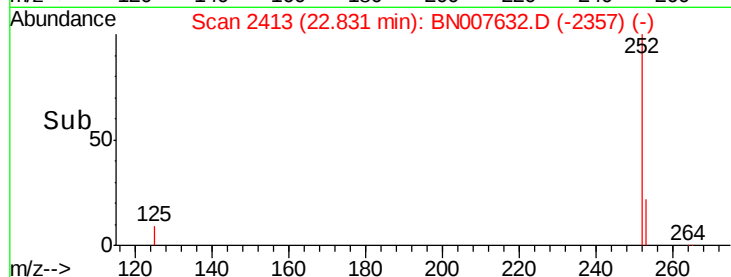
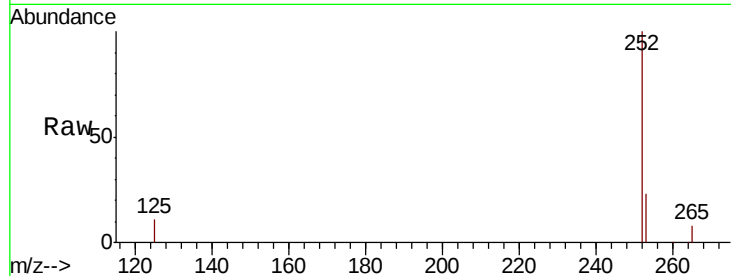




#35
Benzo(b)fluoranthene
Concen: 0.383 ng
RT: 22.83 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

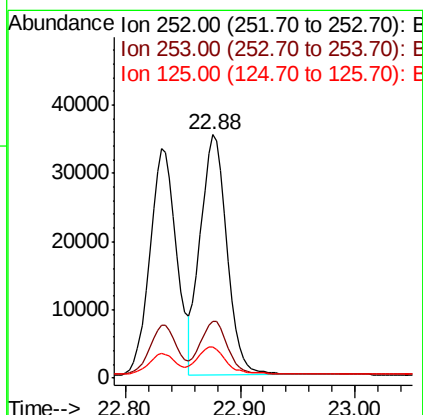
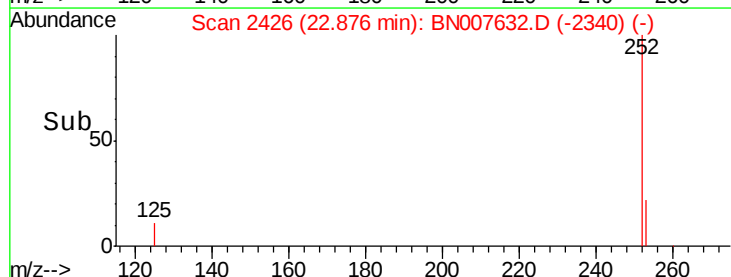
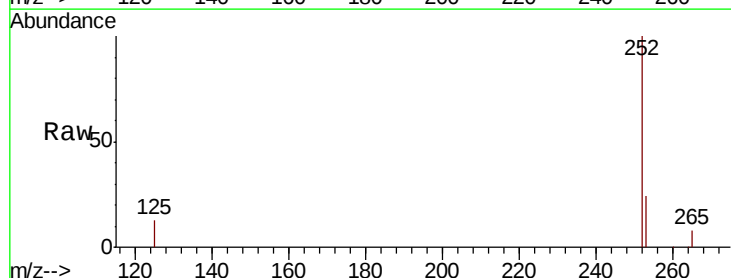
Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MSD

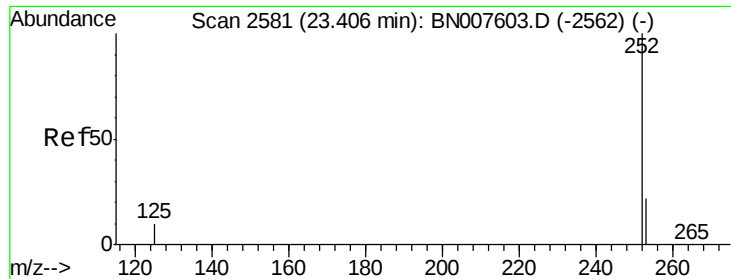
Tot Ion:252 Resp: 54646
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 10.7 8.0 12.0



#36
Benzo(k)fluoranthene
Concen: 0.388 ng
RT: 22.88 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion:252 Resp: 56599
Ion Ratio Lower Upper
252 100
253 23.6 18.3 27.5
125 12.8 8.9 13.3





#37

Benzo(a)pyrene

Concen: 0.385 ng

RT: 23.40 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MSD

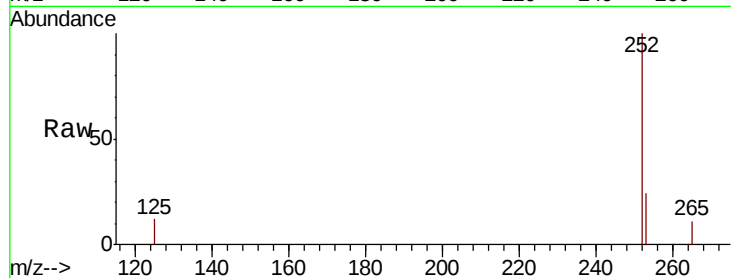
Tot Ion:252 Resp: 48760

Ion Ratio Lower Upper

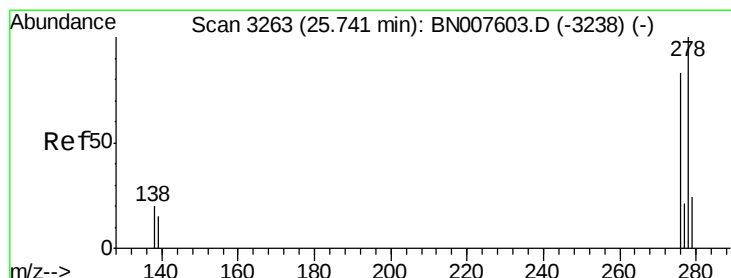
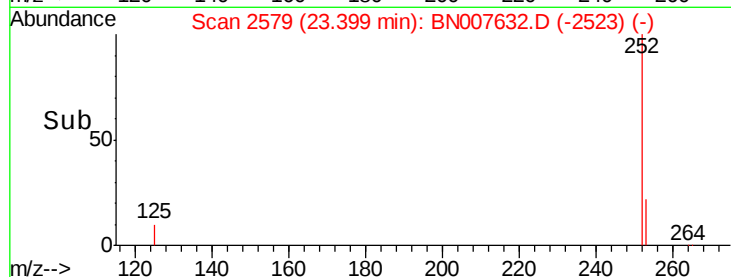
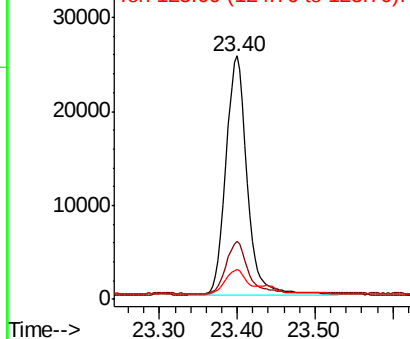
252 100

253 23.8 18.3 27.5

125 12.3 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: 0.356 ng

RT: 25.73 min Scan# 3259

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

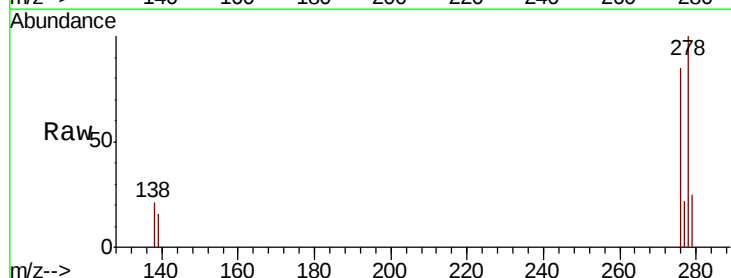
Tgt Ion:278 Resp: 47146

Ion Ratio Lower Upper

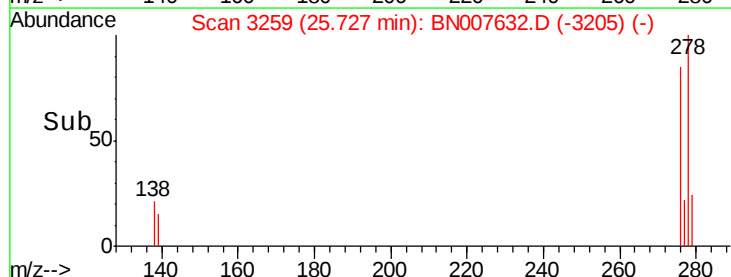
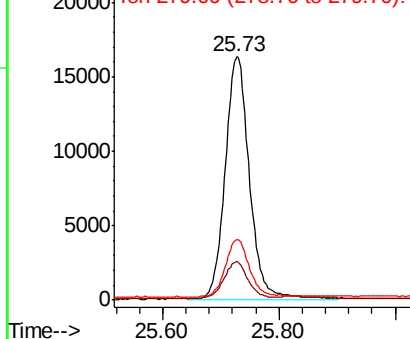
278 100

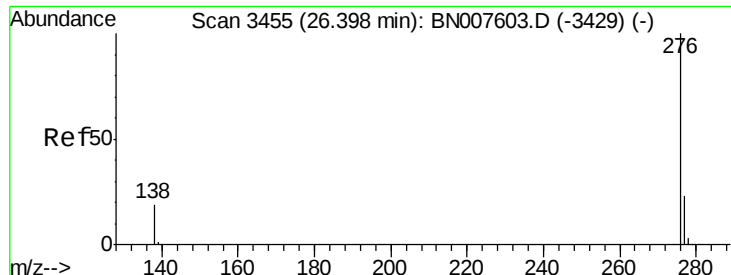
139 15.8 12.6 18.8

279 25.1 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: 0.372 ng

RT: 26.39 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MSD

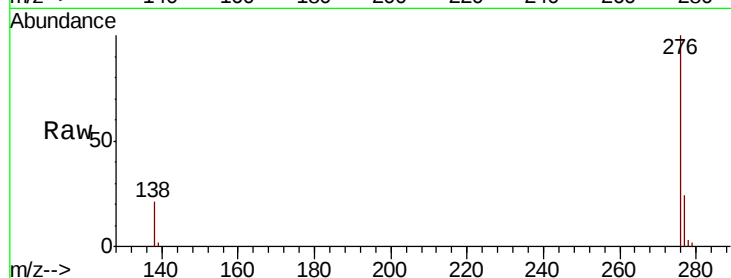
Tot Ion: 276 Resp: 48864

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 20.8 15.8 23.6



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

