

Data File : BN007263.D
Acq On : 20 Aug 2019 13:44
Operator : HP/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Aug 20 18:03:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 17:50:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	5031	0.40	ng	0.00
7) Naphthalene-d8	10.17	136	18389	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	10149	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	23974	0.40	ng	0.00
27) Chrysene-d12	21.02	240	23816	0.40	ng	0.00
34) Perylene-d12	23.14	264	26111	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	5705	0.51	ng	0.00
5) Phenol-d6	6.60	99	6786	0.44	ng	0.00
8) Nitrobenzene-d5	8.55	82	6030	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	11.77	152	12789	0.47	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	2149	0.45	ng	0.00
15) 2-Fluorobiphenyl	12.71	172	203	0.01	ng	0.04
25) Fluoranthene-d10	18.85	212	31215	0.43	ng	0.00
29) Terphenyl-d14	19.47	244	24961	0.48	ng	0.00

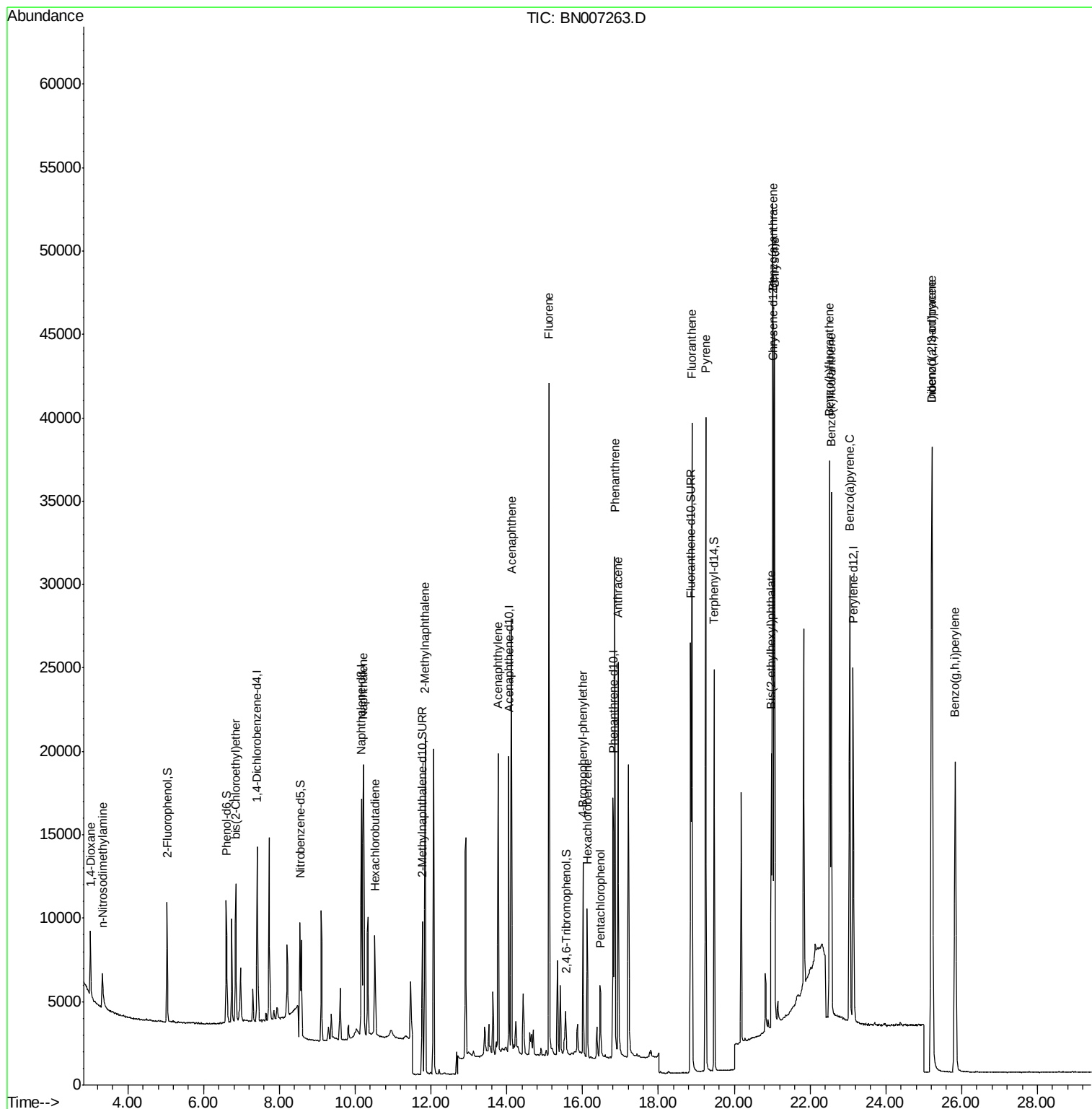
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	2741	0.332	ng	96
3) n-Nitrosodimethylamine	3.33	42	1839	0.287	ng	# 98
6) bis(2-Chloroethyl)ether	6.85	93	6106	0.357	ng	99
9) Naphthalene	10.22	128	21338	0.433	ng	99
10) Hexachlorobutadiene	10.52	225	4718	0.442	ng	# 98
12) 2-Methylnaphthalene	11.84	142	14667	0.466	ng	99
16) Acenaphthylene	13.77	152	21492	0.448	ng	99
17) Acenaphthene	14.12	154	14074	0.437	ng	99
18) Fluorene	15.11	166	18317	0.460	ng	100
20) 4-Bromophenyl-phenylether	16.02	248	6257	0.461	ng	95
21) Hexachlorobenzene	16.12	284	6587	0.373	ng	99
22) Pentachlorophenol	16.47	266	2545	1.093	ng	99
23) Phenanthrene	16.85	178	30776	0.463	ng	100
24) Anthracene	16.94	178	27009	0.469	ng	99
26) Fluoranthene	18.88	202	36839	0.442	ng	100
28) Pyrene	19.25	202	37281	0.450	ng	100
30) Benzo(a)anthracene	21.01	228	35636	0.486	ng	98
31) Chrysene	21.07	228	38440	0.467	ng	97
32) Bis(2-ethylhexyl)phthalate	20.98	149	13707	0.401	ng	100
33) Indeno(1,2,3-cd)pyrene	25.21	276	44907	0.446	ng	100
35) Benzo(b)fluoranthene	22.52	252	39627	0.483	ng	100
36) Benzo(k)fluoranthene	22.56	252	38653	0.420	ng	100
37) Benzo(a)pyrene	23.05	252	36005	0.453	ng	99
38) Dibenzo(a,h)anthracene	25.22	278	36626	0.457	ng	99
39) Benzo(g,h,i)perylene	25.83	276	37200	0.443	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.41 min Scan# 569

Delta R.T. -0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

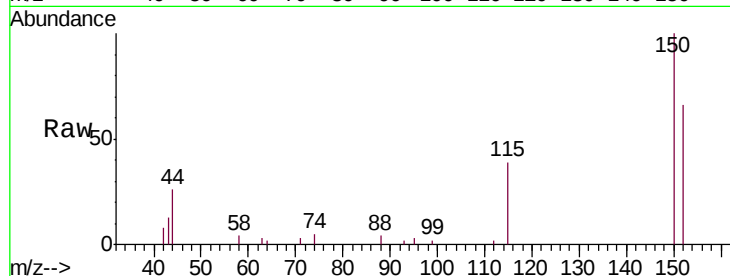
Tgt Ion:152 Resp: 5031

Ion Ratio Lower Upper

152 100

150 152.5 123.8 185.8

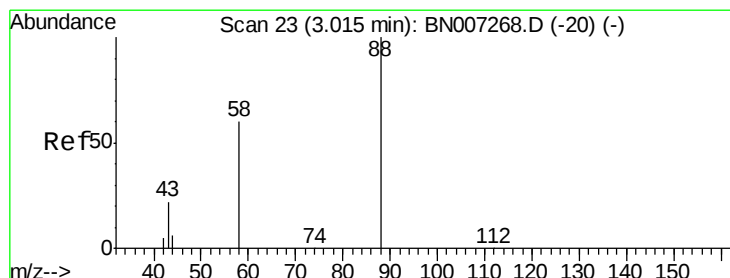
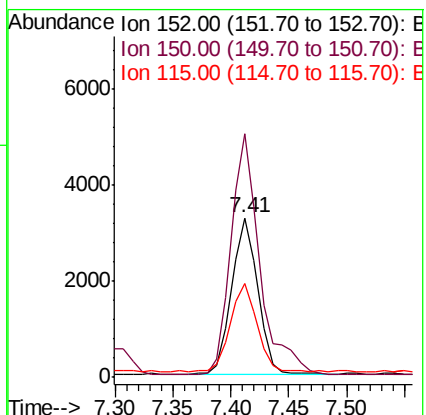
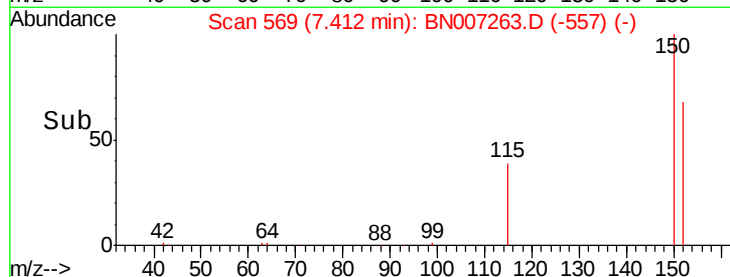
115 59.1 47.3 70.9



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: 0.332 ng

RT: 3.01 min Scan# 23

Delta R.T. -0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

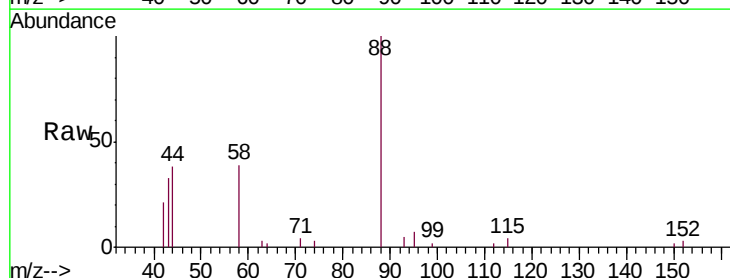
Tgt Ion: 88 Resp: 2741

Ion Ratio Lower Upper

88 100

58 59.8 45.5 68.3

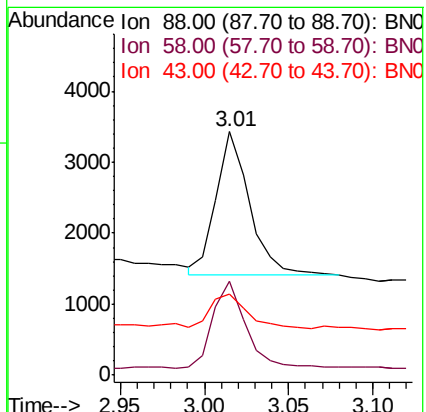
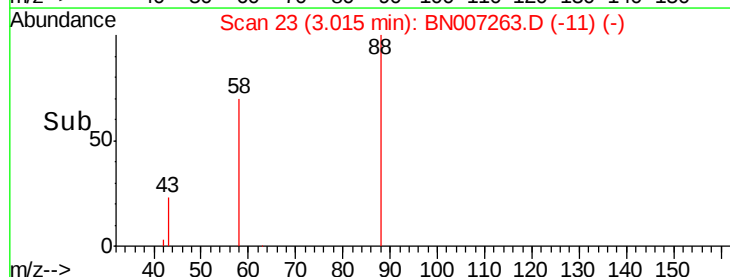
43 27.8 20.4 30.6

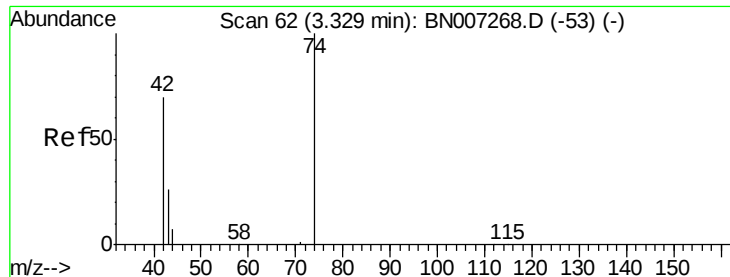


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.287 ng

RT: 3.33 min Scan# 62

Delta R.T. -0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

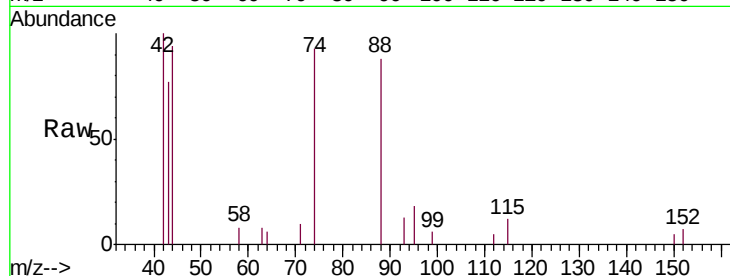
Tgt Ion: 42 Resp: 1839

Ion Ratio Lower Upper

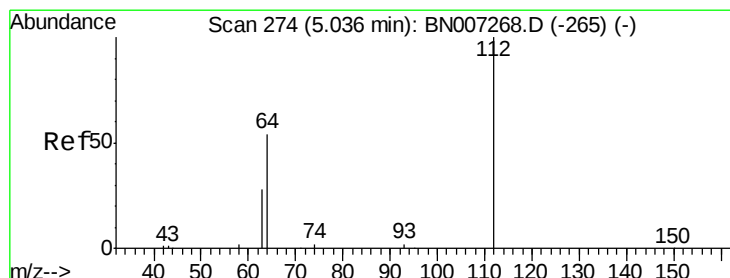
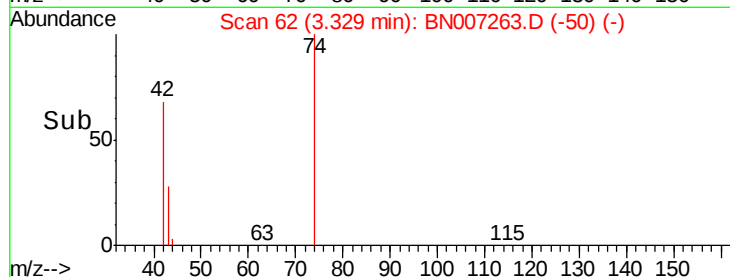
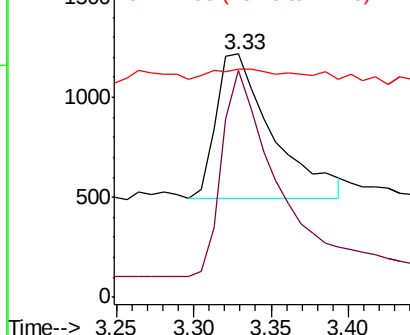
42 100

74 137.6 109.0 163.4

44 12.5 4.2 6.2#



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: 0.510 ng

RT: 5.04 min Scan# 274

Delta R.T. -0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

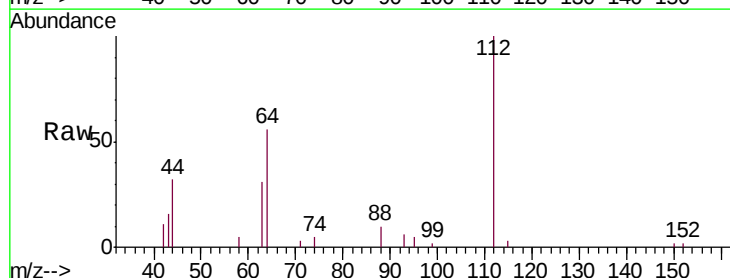
Tgt Ion: 112 Resp: 5705

Ion Ratio Lower Upper

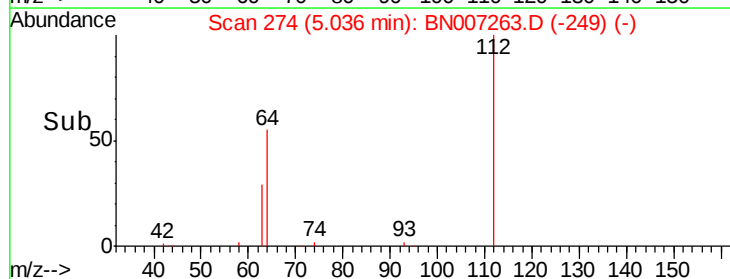
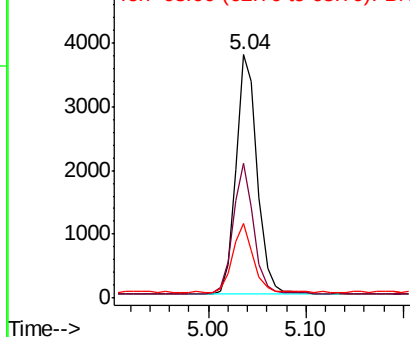
112 100

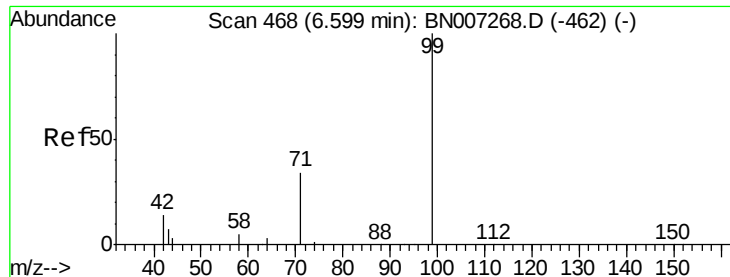
64 52.3 41.8 62.8

63 27.7 22.6 34.0



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: 0.441 ng

RT: 6.60 min Scan# 468

Delta R.T. -0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

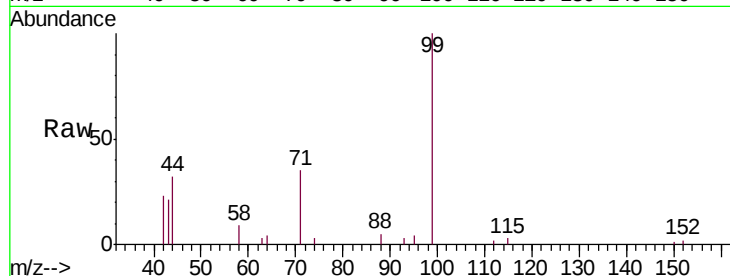
Tgt Ion: 99 Resp: 6786

Ion Ratio Lower Upper

99 100

42 19.2 14.3 21.5

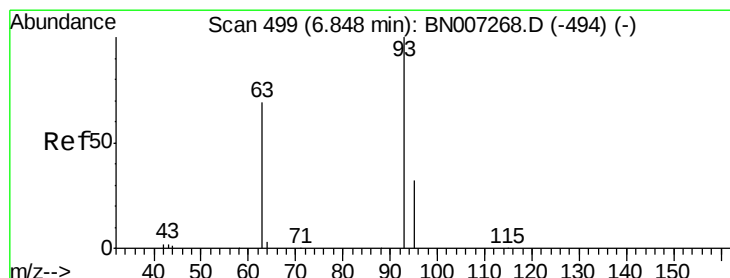
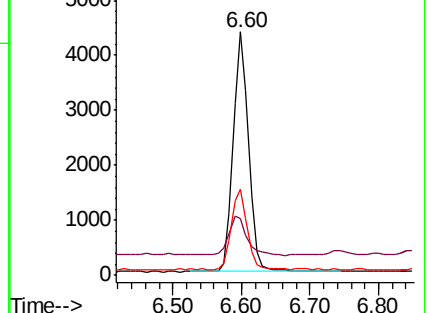
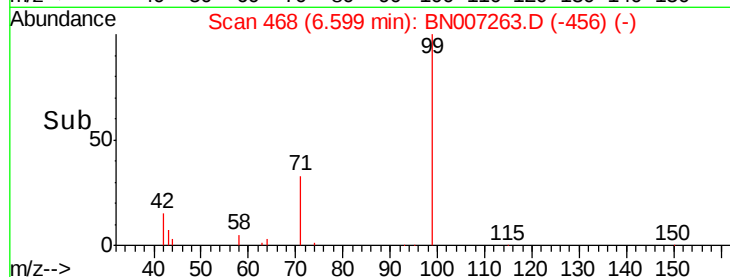
71 34.4 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN007263.D (-456) (-)

Ion 42.00 (41.70 to 42.70): BN007263.D (-456) (-)

Ion 71.00 (70.70 to 71.70): BN007263.D (-456) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.357 ng

RT: 6.85 min Scan# 499

Delta R.T. -0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

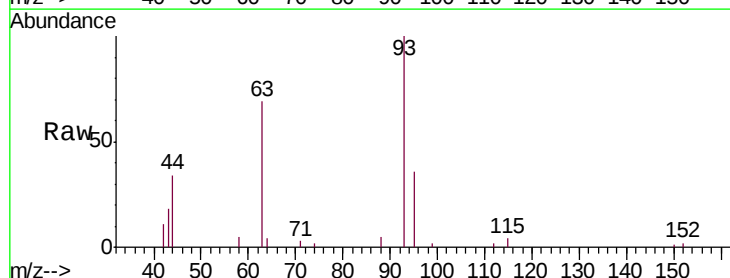
Tgt Ion: 93 Resp: 6106

Ion Ratio Lower Upper

93 100

63 68.9 54.4 81.6

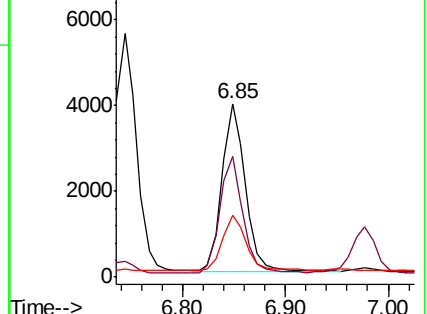
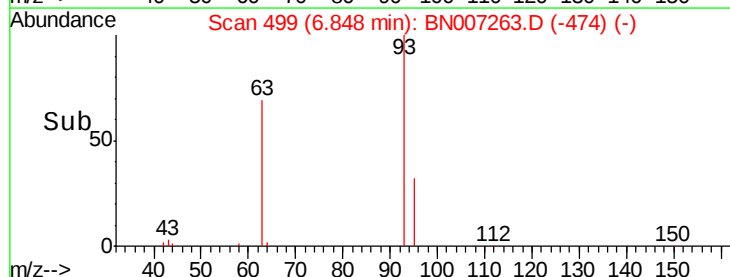
95 33.2 25.5 38.3

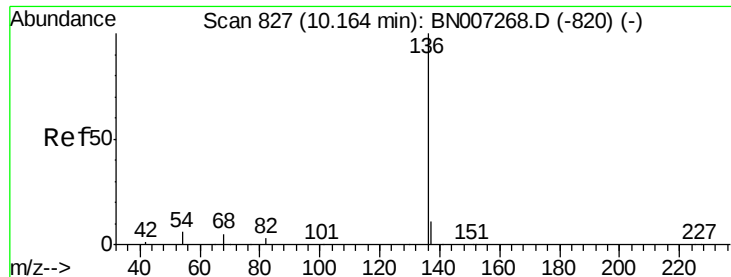


Abundance Ion 93.00 (92.70 to 93.70): BN007263.D (-474) (-)

Ion 63.00 (62.70 to 63.70): BN007263.D (-474) (-)

Ion 95.00 (94.70 to 95.70): BN007263.D (-474) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.17 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tgt Ion:136 Resp: 18389

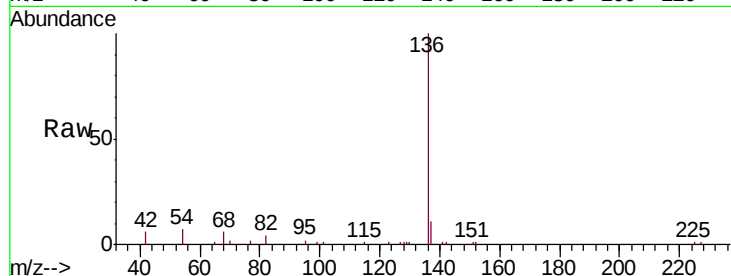
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.5 5.9 8.9

68 6.4 5.6 8.4

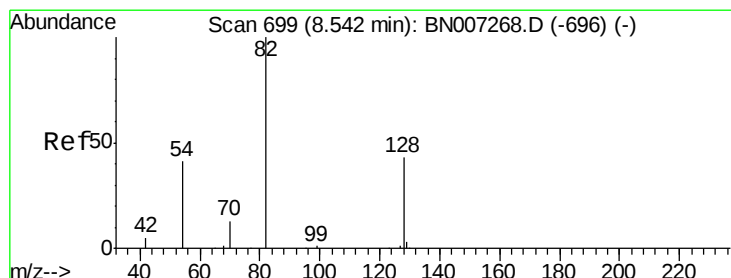
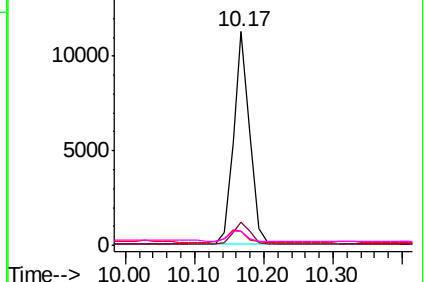
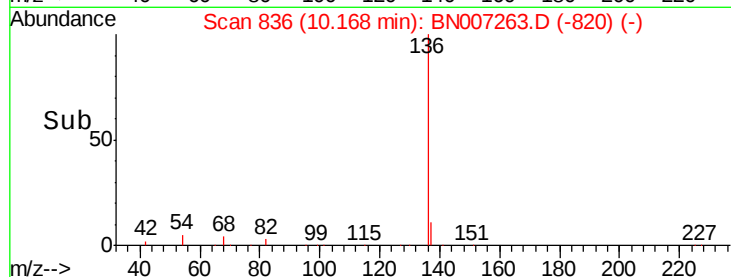


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.481 ng

RT: 8.55 min Scan# 708

Delta R.T. 0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

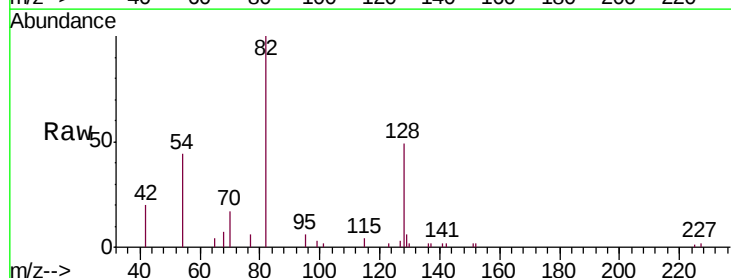
Tgt Ion: 82 Resp: 6030

Ion Ratio Lower Upper

82 100

128 49.0 35.8 53.6

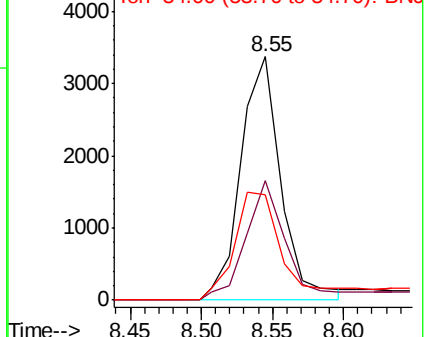
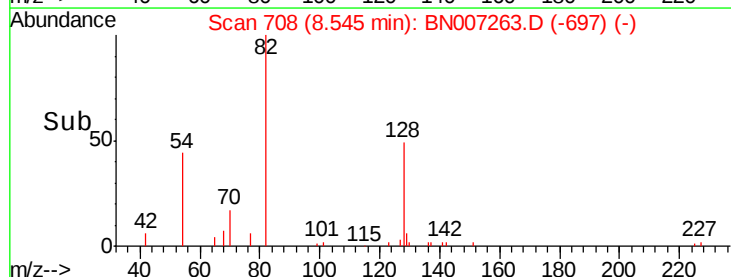
54 43.5 34.7 52.1

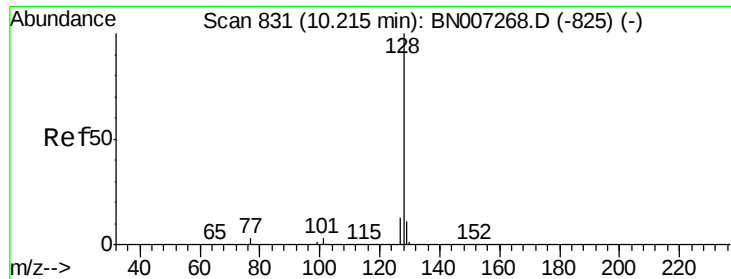


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.433 ng

RT: 10.22 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

Instrument :

BNA_N

ClientSampleId :

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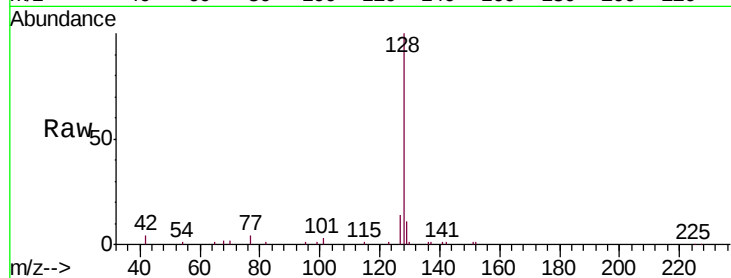
Tgt Ion:128 Resp: 21338

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

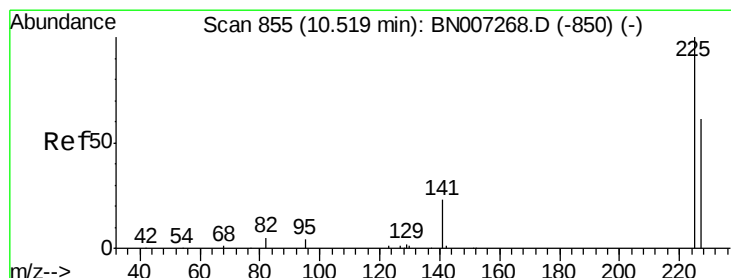
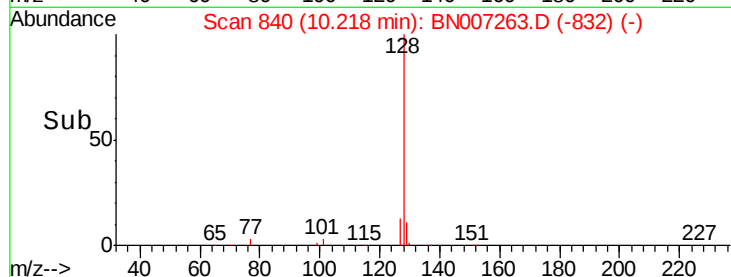
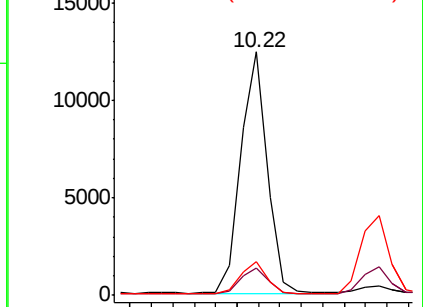
127 13.8 10.6 16.0



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: 0.442 ng

RT: 10.52 min Scan# 864

Delta R.T. 0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

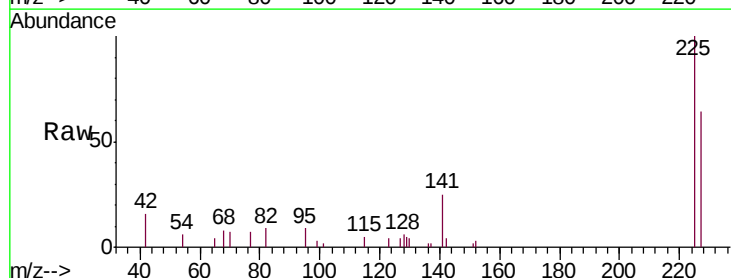
Tgt Ion:225 Resp: 4718

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

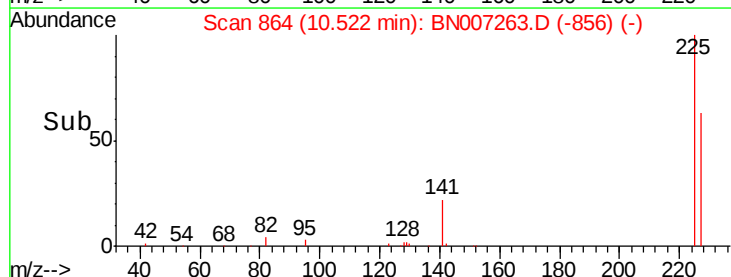
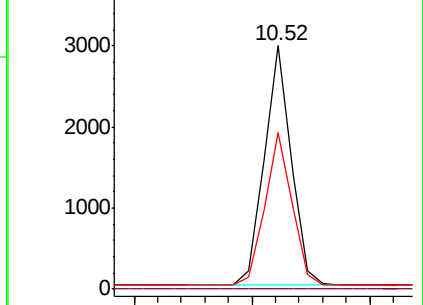
227 64.0 50.2 75.2

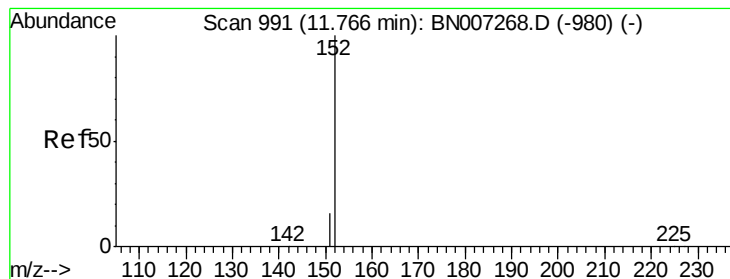


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.465 ng

RT: 11.77 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

Instrument :

BNA_N

ClientSampleId :

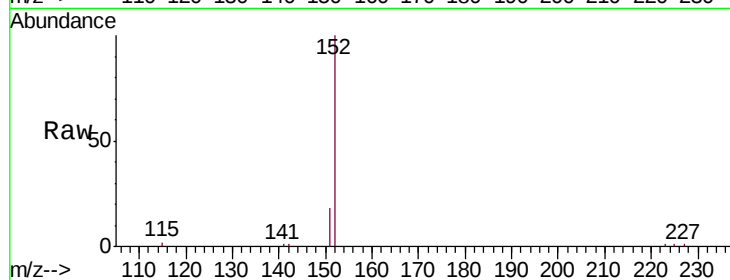
SSTDICCC0.4

Tgt Ion:152 Resp: 12789

Ion Ratio Lower Upper

152 100

151 19.1 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.77

8000

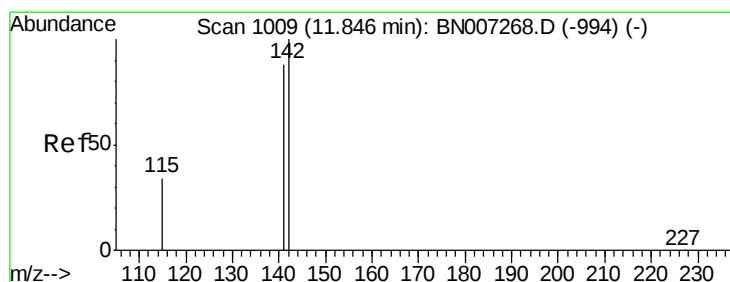
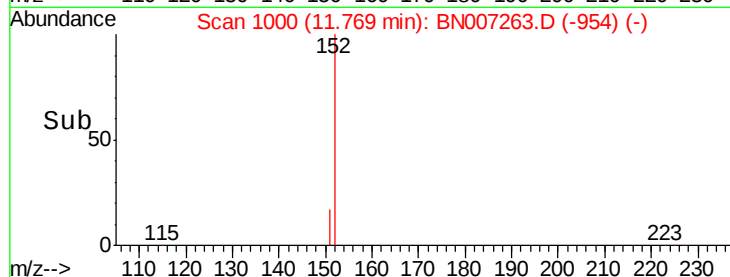
6000

4000

2000

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.466 ng

RT: 11.84 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

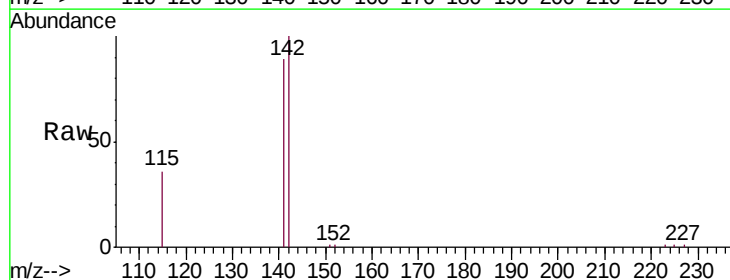
Tgt Ion:142 Resp: 14667

Ion Ratio Lower Upper

142 100

141 89.4 70.7 106.1

115 35.5 28.1 42.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.84

12000

10000

8000

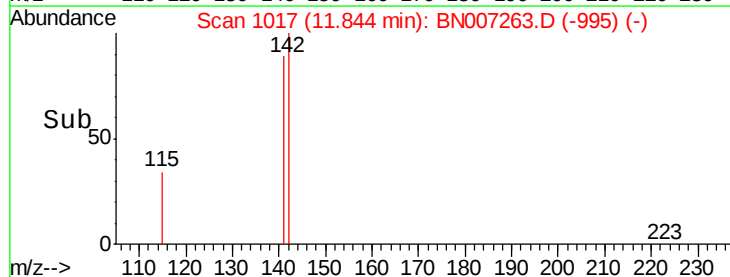
6000

4000

2000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

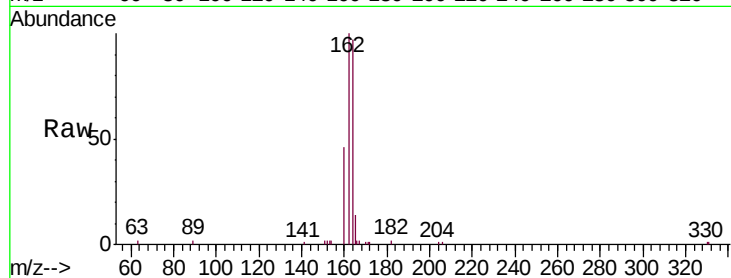
Tgt Ion:164 Resp: 10149

Ion Ratio Lower Upper

164 100

162 102.7 82.0 123.0

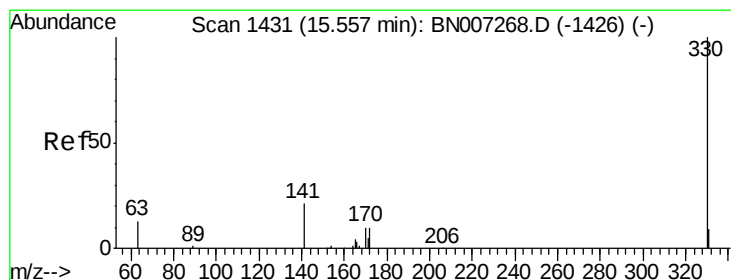
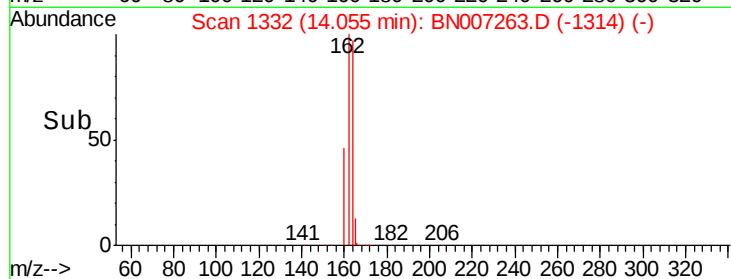
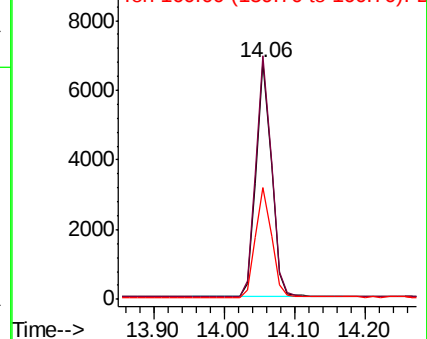
160 47.2 38.2 57.4



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: 0.454 ng

RT: 15.56 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

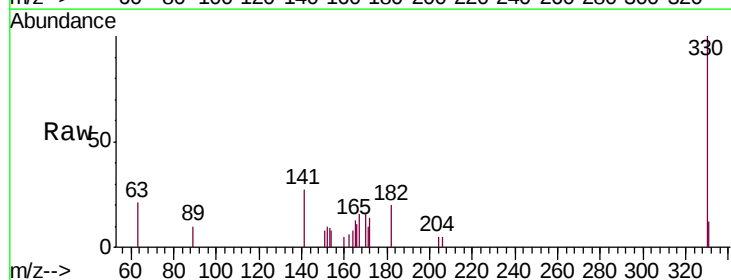
Tgt Ion:330 Resp: 2149

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

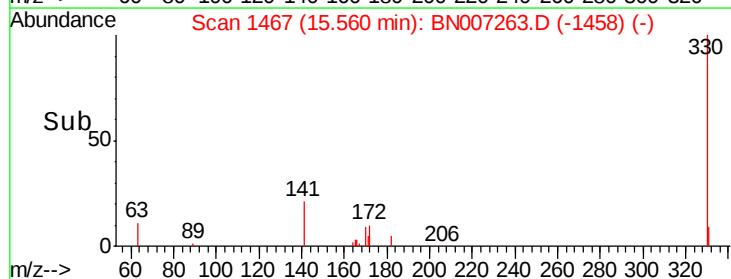
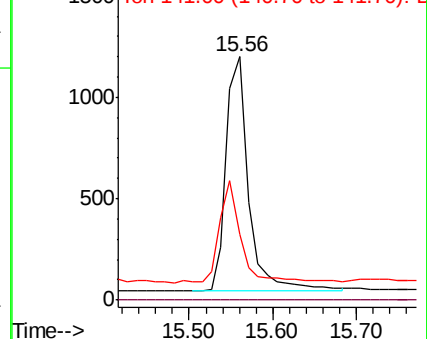
141 41.5 30.3 45.5

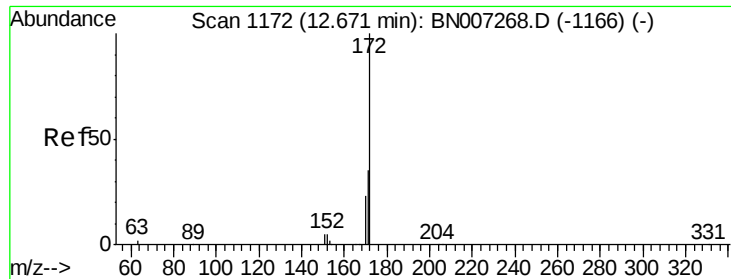


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

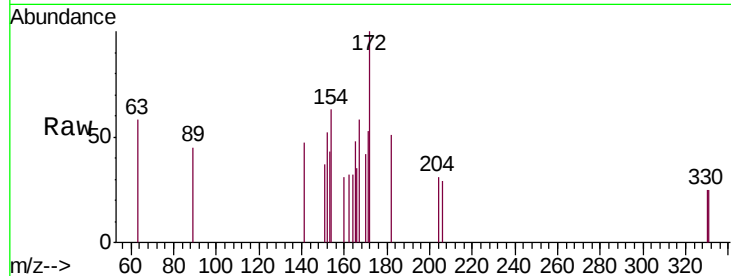




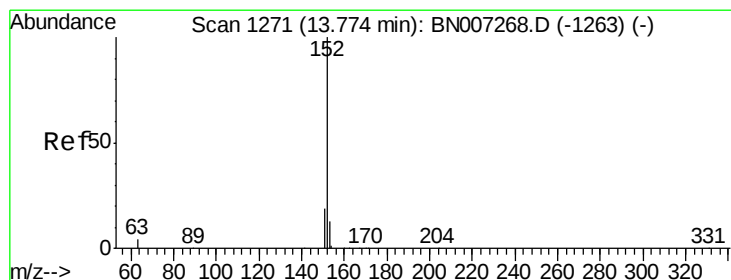
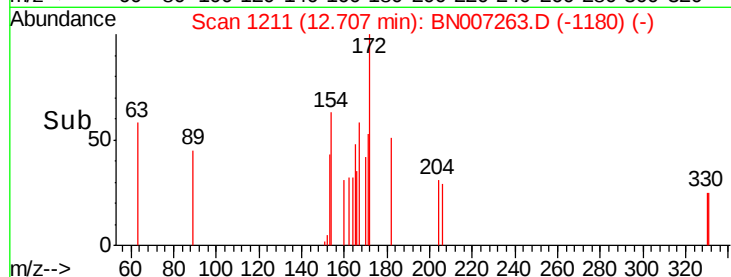
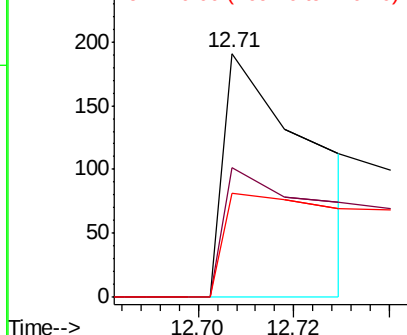
#15
2-Fluorobiphenyl
Concen: 0.005 ng
RT: 12.71 min Scan# 1211
Delta R.T. 0.04 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 203
Ion Ratio Lower Upper
172 100
171 52.9 28.6 43.0#
170 42.4 18.7 28.1#

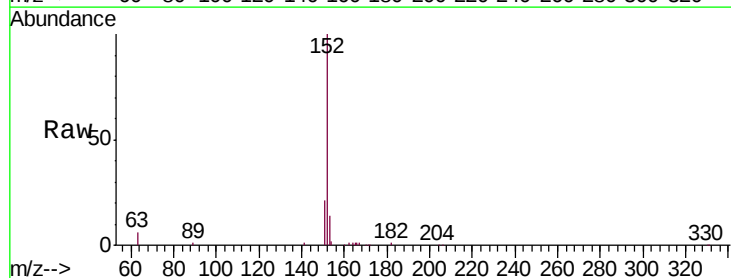


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

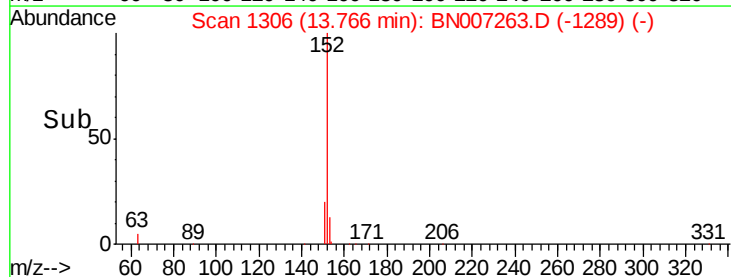
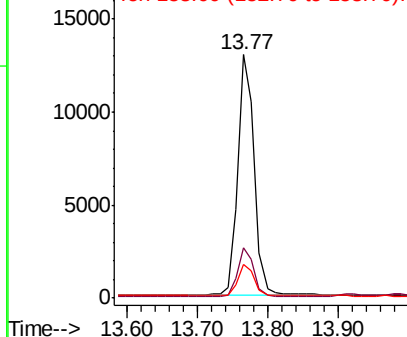


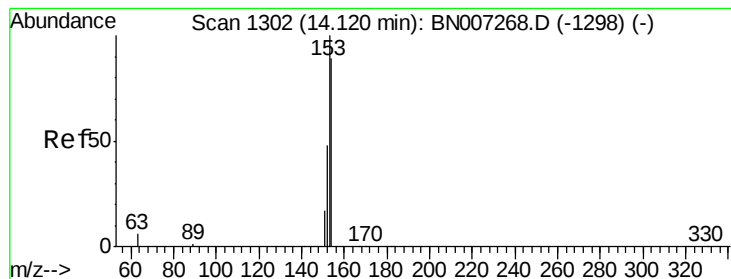
#16
Acenaphthylene
Concen: 0.448 ng
RT: 13.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Tgt Ion:152 Resp: 21492
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.2
153 12.6 10.1 15.1



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: 0.437 ng

RT: 14.12 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

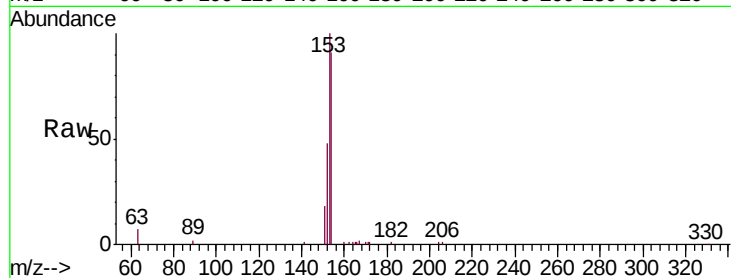
Tgt Ion:154 Resp: 14074

Ion Ratio Lower Upper

154 100

153 114.2 89.9 134.9

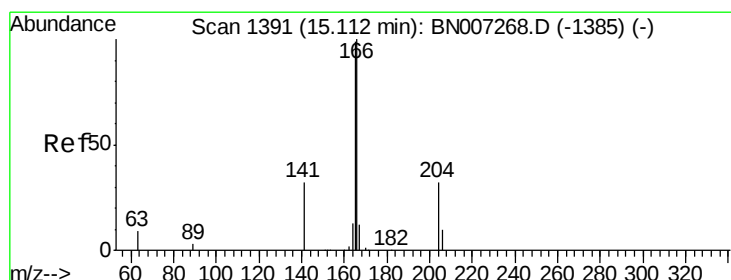
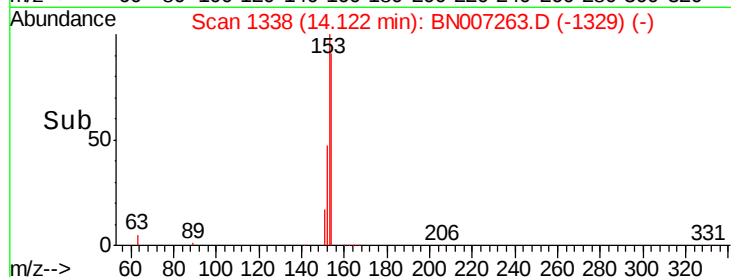
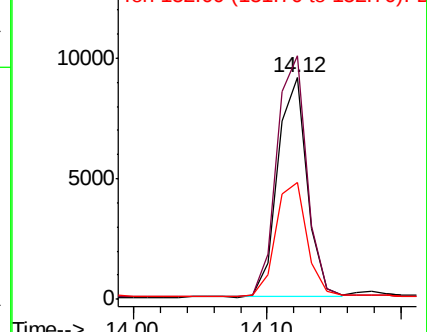
152 54.9 43.9 65.9



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: 0.460 ng

RT: 15.11 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

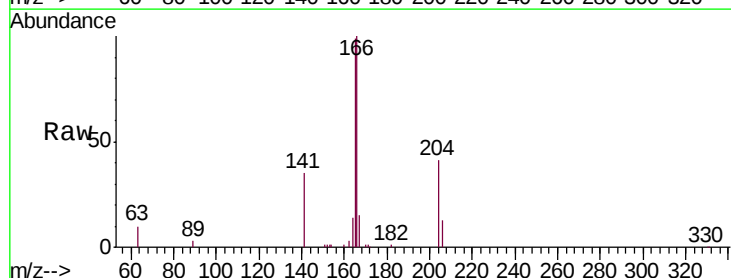
Tgt Ion:166 Resp: 18317

Ion Ratio Lower Upper

166 100

165 98.2 78.3 117.5

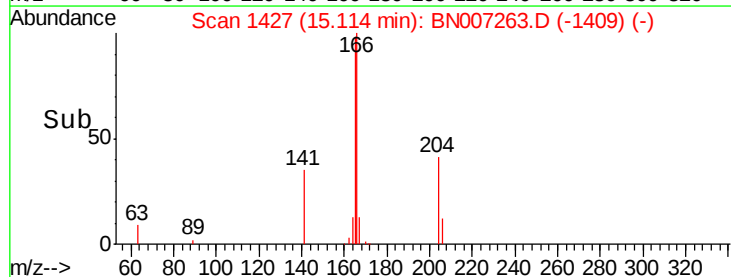
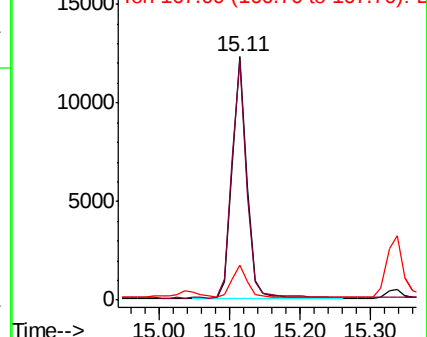
167 14.0 11.1 16.7

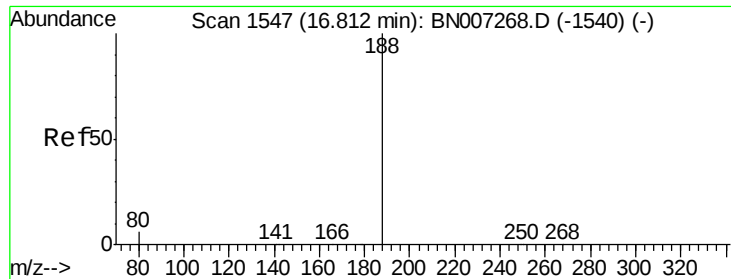


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.80 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

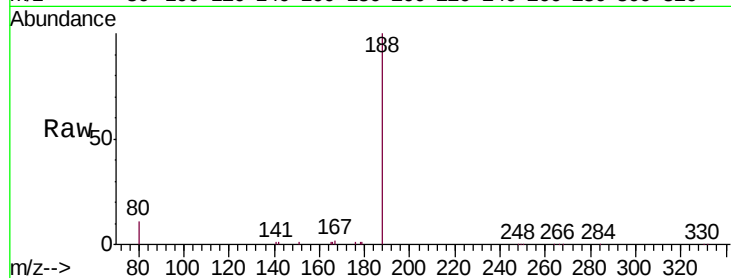
Tgt Ion:188 Resp: 23974

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

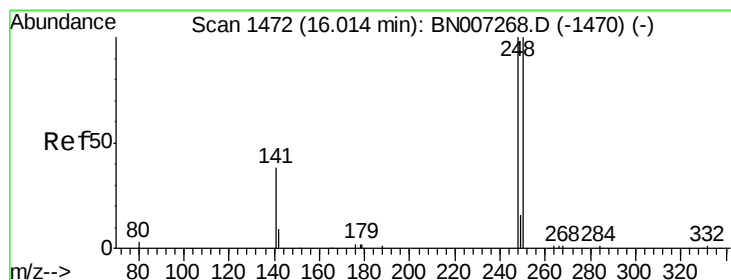
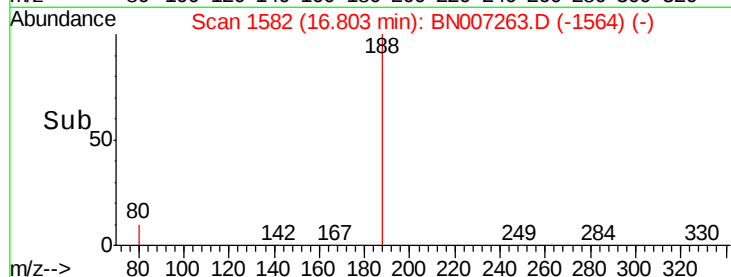
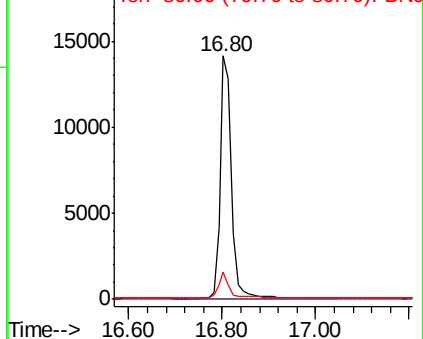
80 11.0 5.2 7.8#



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: 0.461 ng

RT: 16.02 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

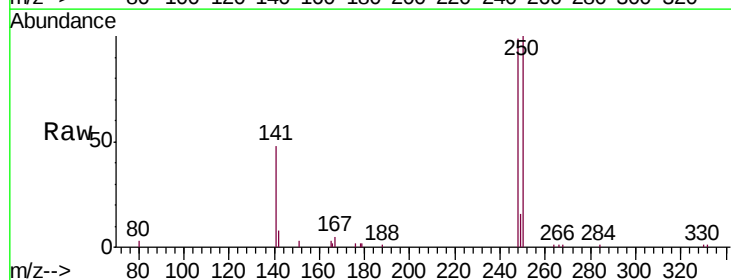
Tgt Ion:248 Resp: 6257

Ion Ratio Lower Upper

248 100

250 101.0 79.6 119.4

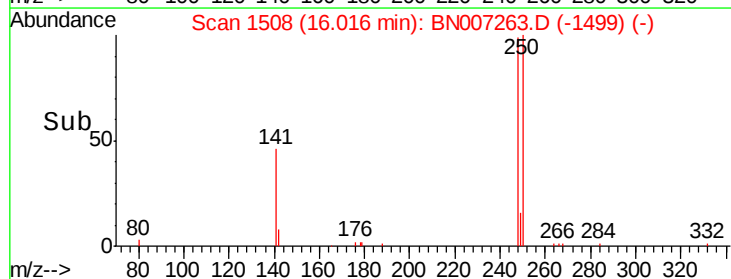
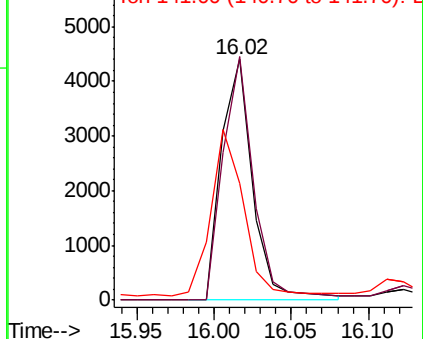
141 48.2 45.1 67.7



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: 0.373 ng

RT: 16.12 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

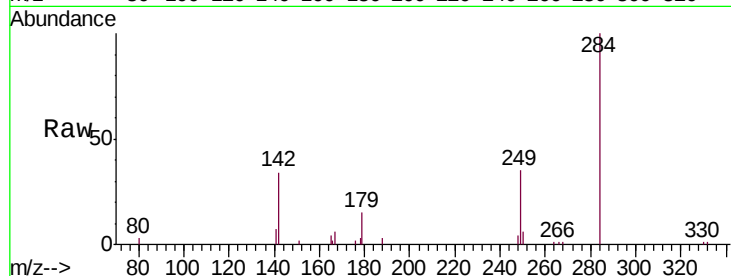
Tgt Ion:284 Resp: 6587

Ion Ratio Lower Upper

284 100

142 37.8 29.5 44.3

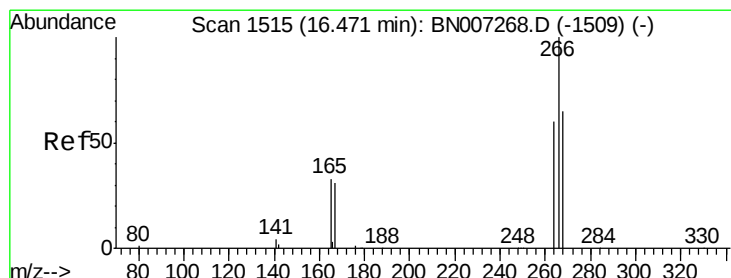
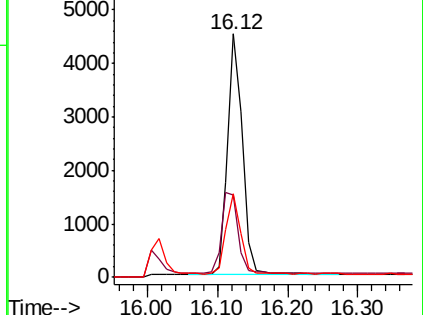
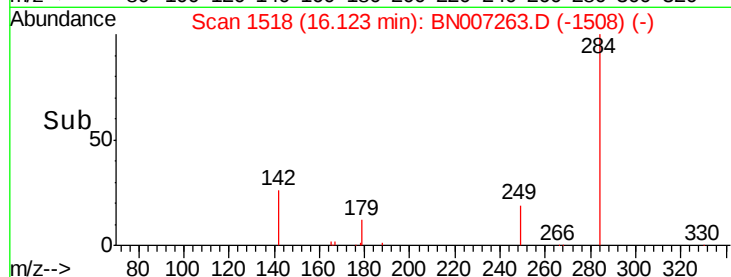
249 32.8 26.2 39.4



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: 1.093 ng

RT: 16.47 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

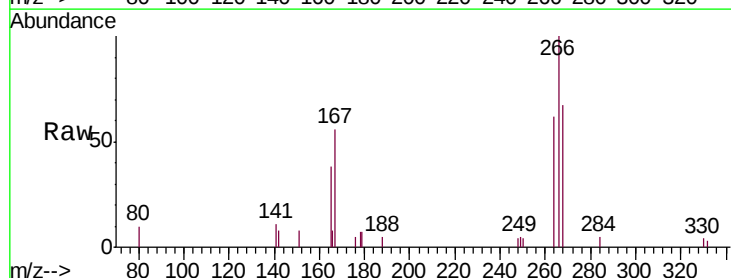
Tgt Ion:266 Resp: 2545

Ion Ratio Lower Upper

266 100

264 62.5 48.7 73.1

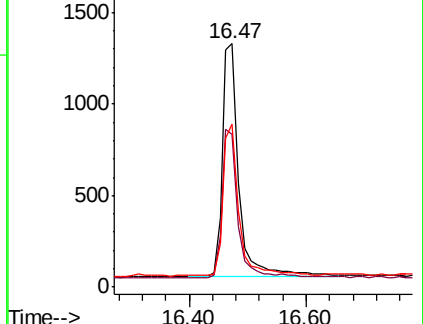
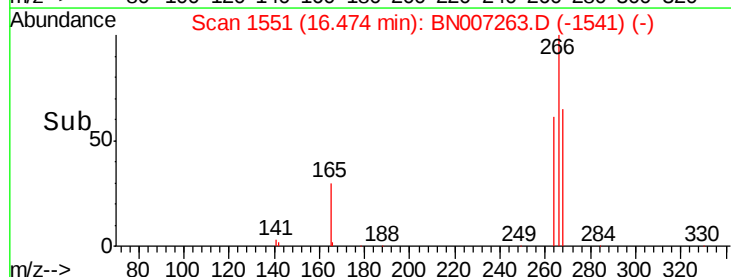
268 66.9 53.5 80.3

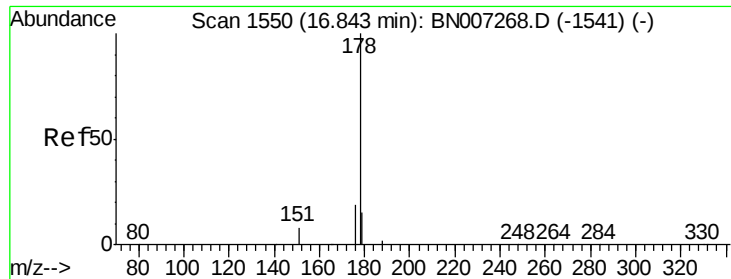


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.463 ng

RT: 16.85 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

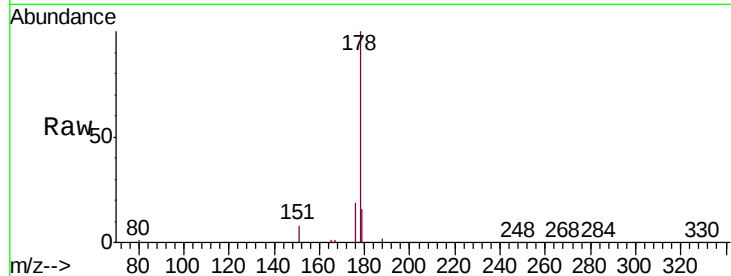
Tgt Ion:178 Resp: 30776

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

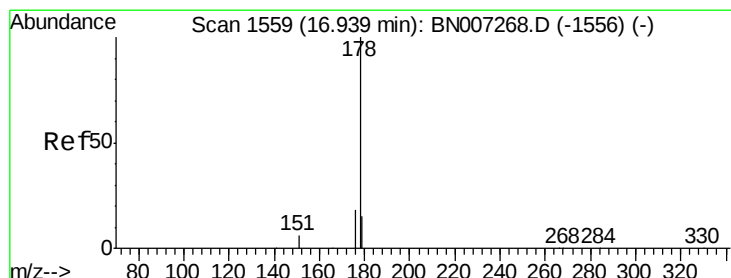
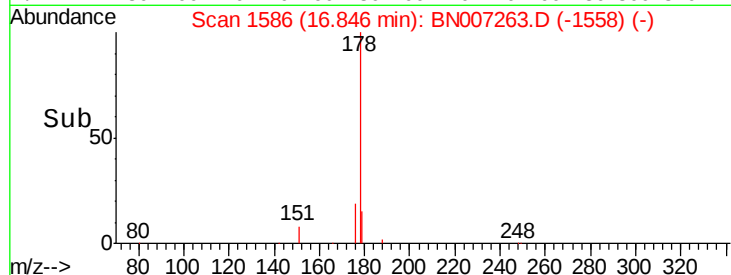
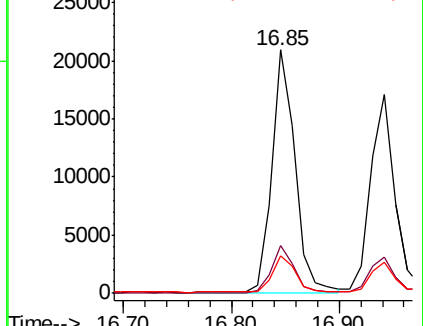
179 15.4 12.3 18.5



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: 0.469 ng

RT: 16.94 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

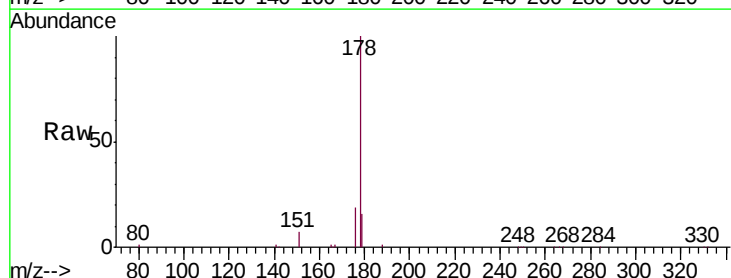
Tgt Ion:178 Resp: 27009

Ion Ratio Lower Upper

178 100

176 18.4 14.3 21.5

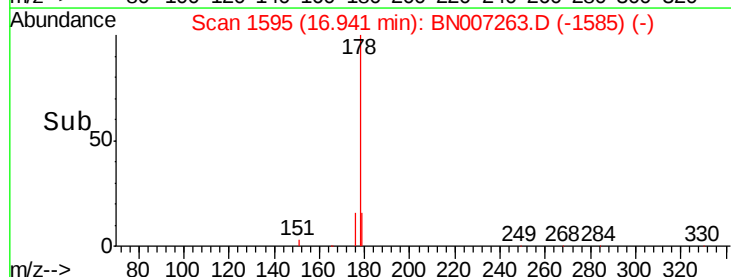
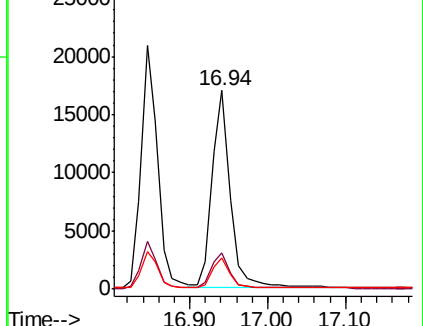
179 15.3 12.3 18.5

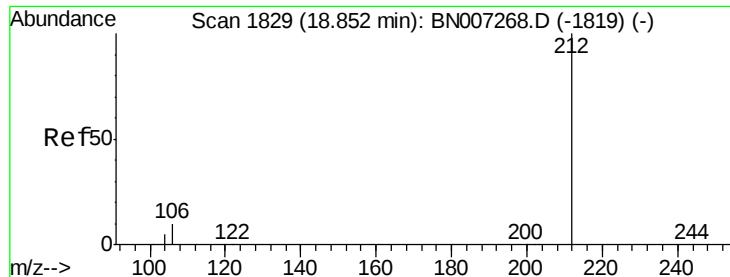


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.431 ng

RT: 18.85 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

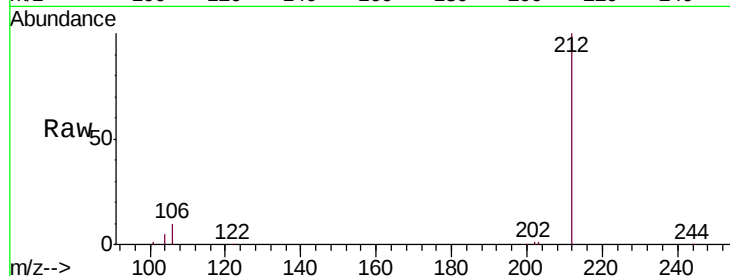
Tgt Ion:212 Resp: 31215

Ion Ratio Lower Upper

212 100

106 10.5 8.2 12.4

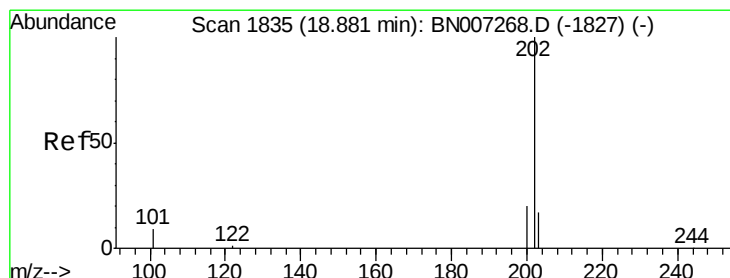
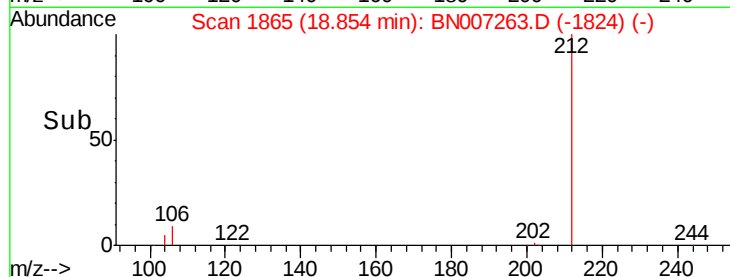
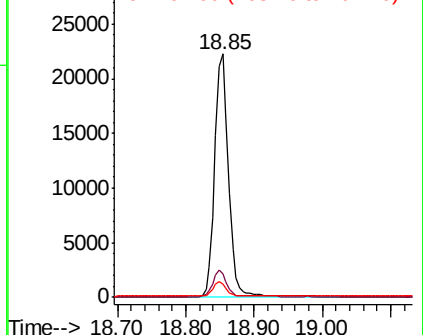
104 5.8 4.7 7.1



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: 0.442 ng

RT: 18.88 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

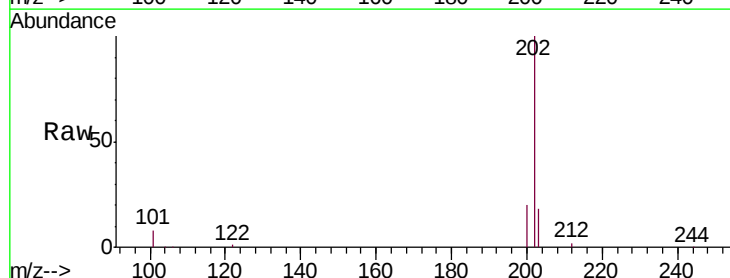
Tgt Ion:202 Resp: 36839

Ion Ratio Lower Upper

202 100

101 9.0 7.2 10.8

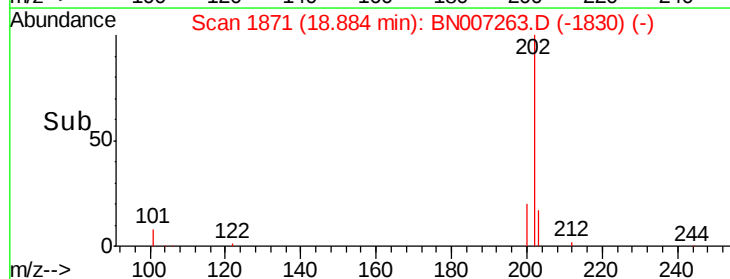
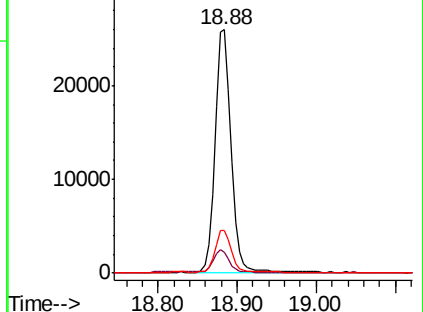
203 17.4 13.8 20.6



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

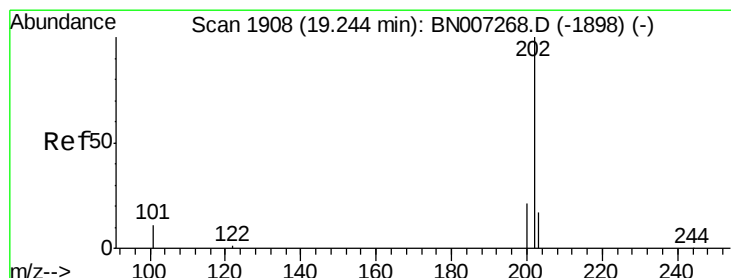
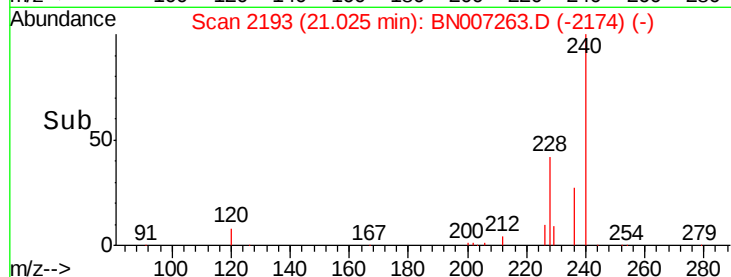
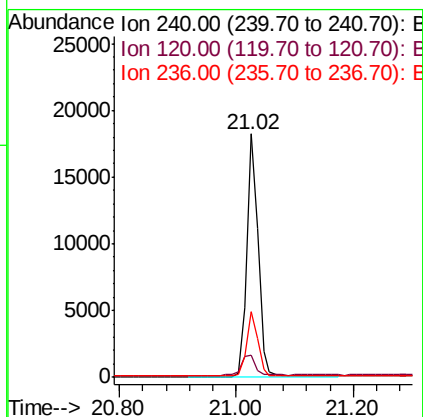
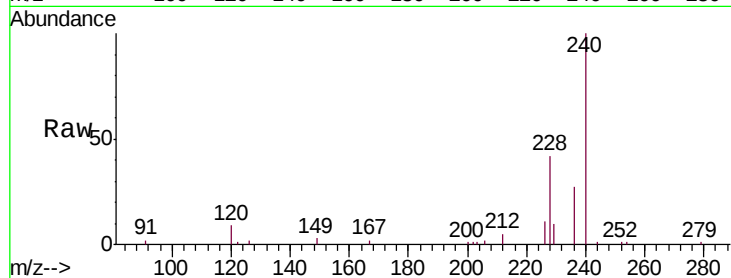




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

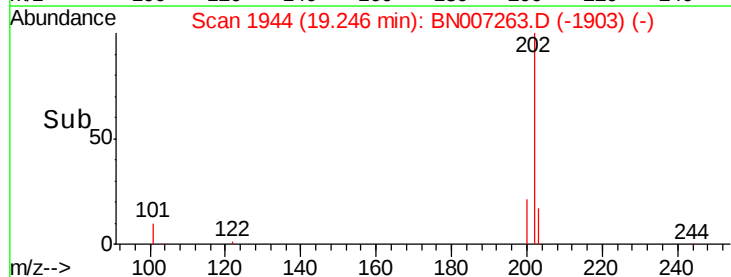
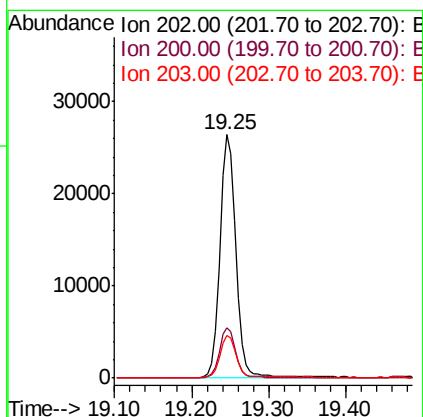
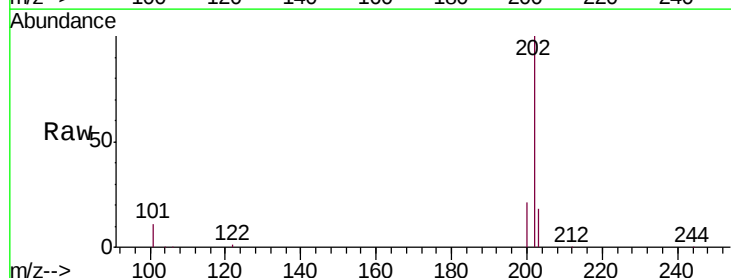
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 23816
Ion Ratio Lower Upper
240 100
120 9.1 5.6 8.4#
236 27.2 21.6 32.4



#28
Pyrene
Concen: 0.450 ng
RT: 19.25 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Tgt Ion:202 Resp: 37281
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 17.5 13.9 20.9





#29

Terphenyl-d14

Concen: 0.476 ng

RT: 19.47 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

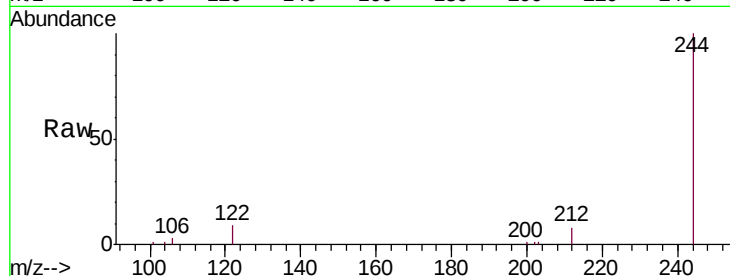
Tgt Ion:244 Resp: 24961

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

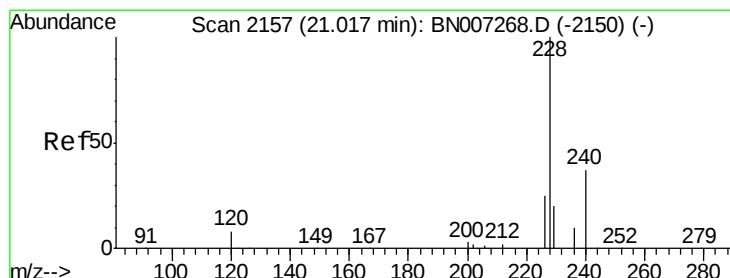
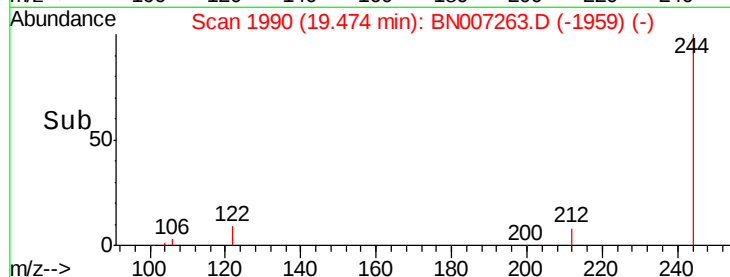
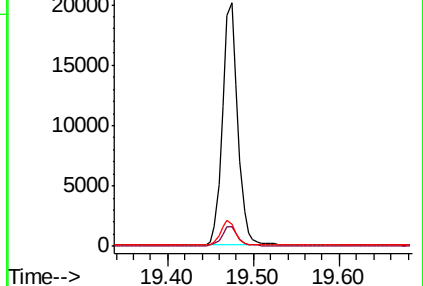
122 9.0 7.9 11.9



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: 0.486 ng

RT: 21.01 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

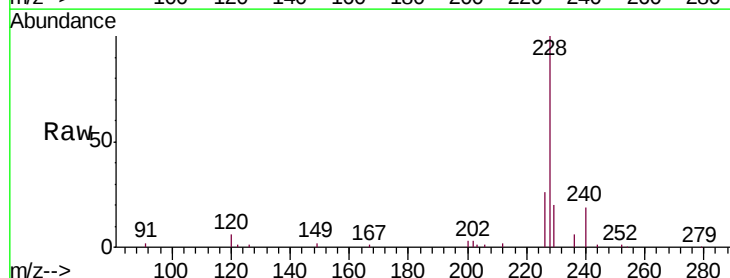
Tgt Ion:228 Resp: 35636

Ion Ratio Lower Upper

228 100

226 26.4 20.6 30.8

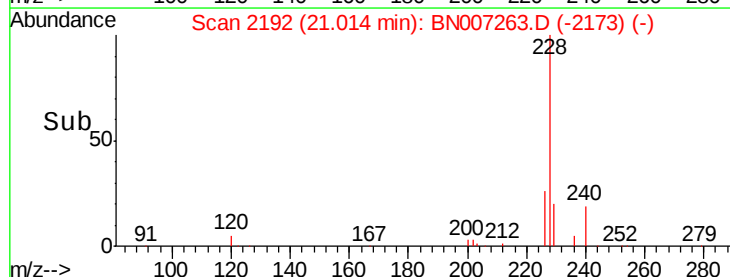
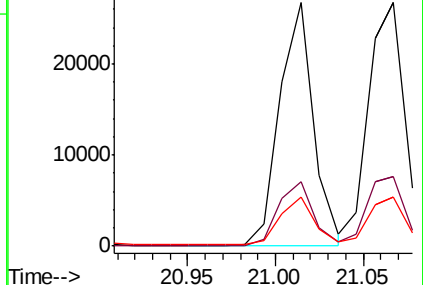
229 20.2 16.9 25.3



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: 0.467 ng

RT: 21.07 min Scan# 2197

Delta R.T. 0.01 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

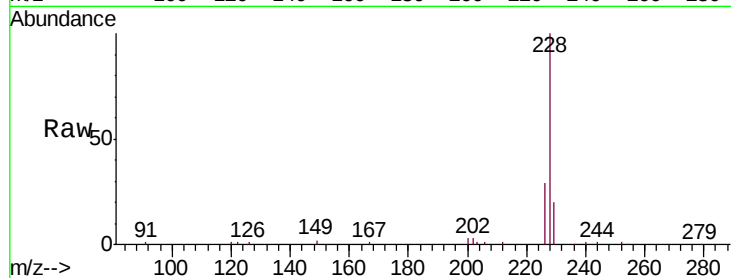
Tgt Ion:228 Resp: 38440

Ion Ratio Lower Upper

228 100

226 28.7 24.6 36.8

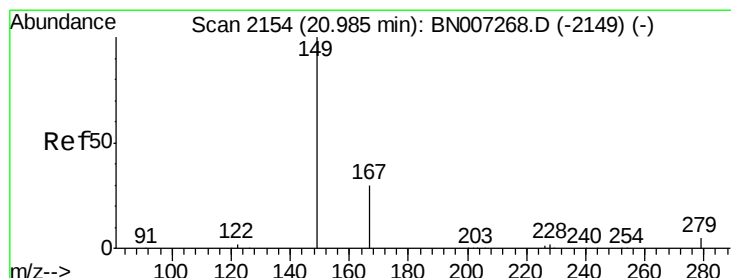
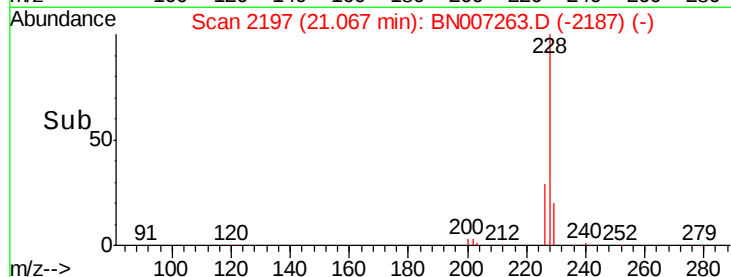
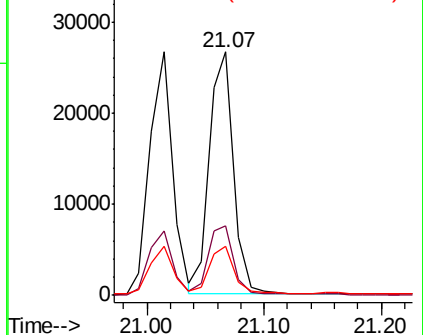
229 20.4 15.6 23.4



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: 0.401 ng

RT: 20.98 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

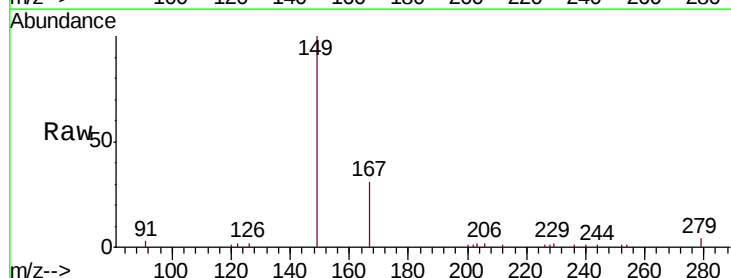
Tgt Ion:149 Resp: 13707

Ion Ratio Lower Upper

149 100

167 29.7 23.8 35.6

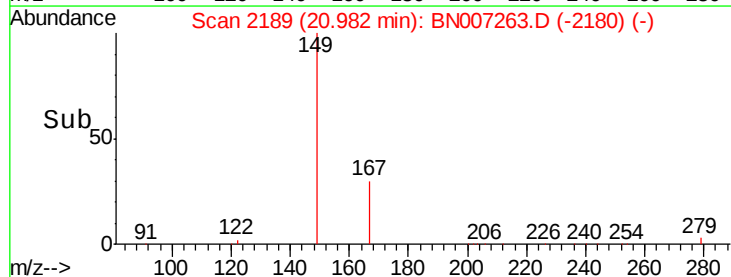
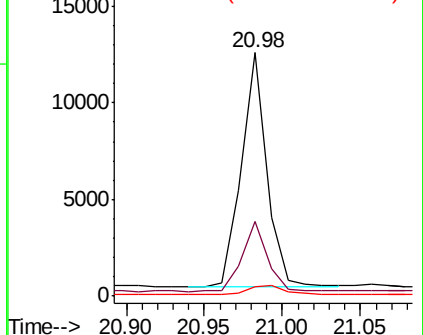
279 4.9 3.8 5.8

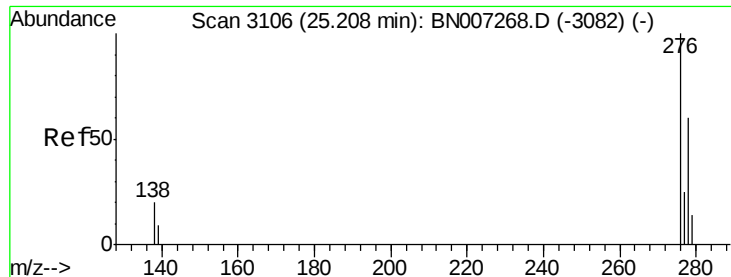


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.446 ng

RT: 25.21 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

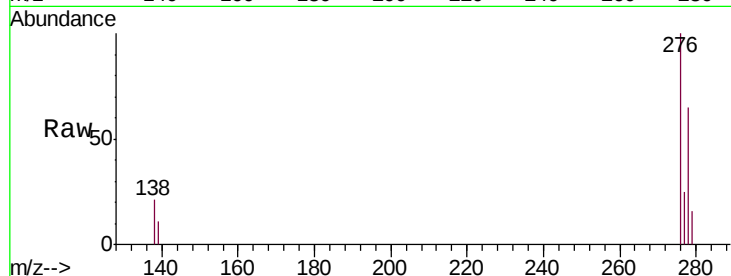
Tgt Ion:276 Resp: 44907

Ion Ratio Lower Upper

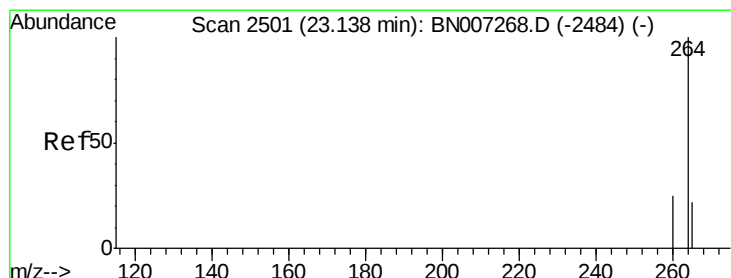
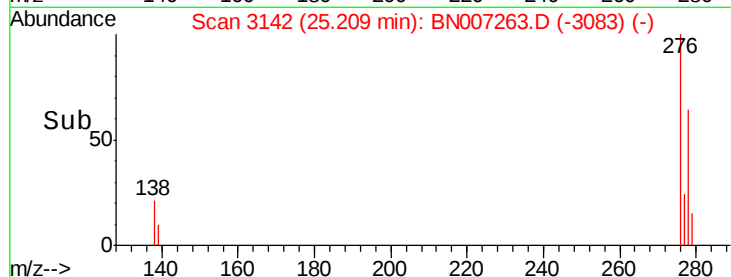
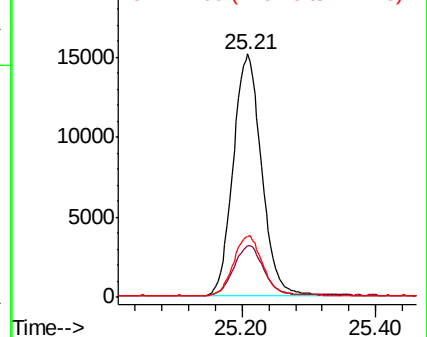
276 100

138 21.2 17.1 25.7

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: 23.14 min Scan# 2537

Delta R.T. 0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

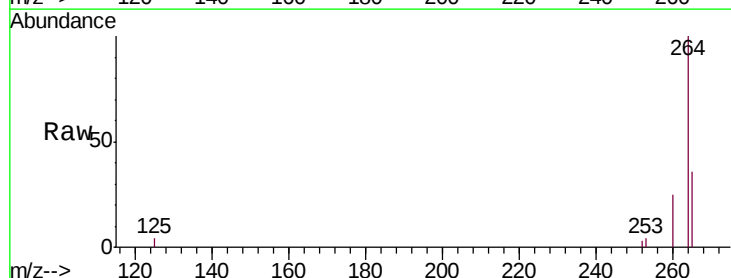
Tgt Ion:264 Resp: 26111

Ion Ratio Lower Upper

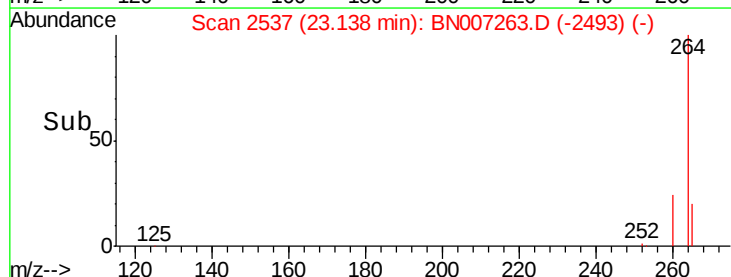
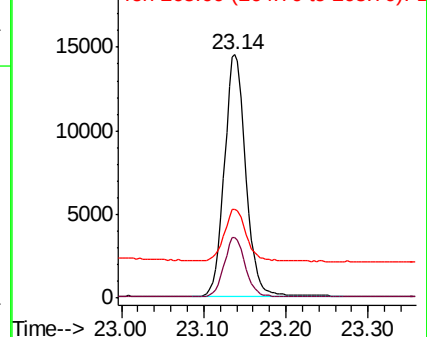
264 100

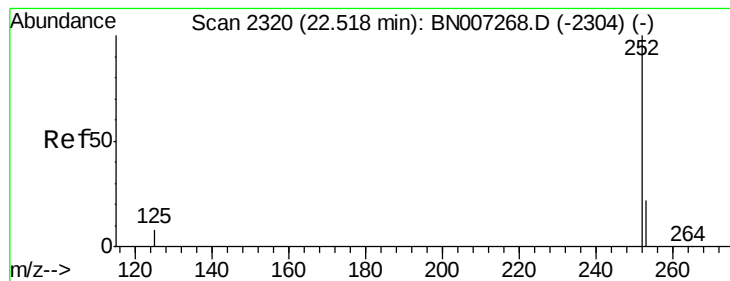
260 24.7 20.1 30.1

265 36.5 29.0 43.6



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: 0.483 ng

RT: 22.52 min Scan# 2356

Delta R.T. 0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

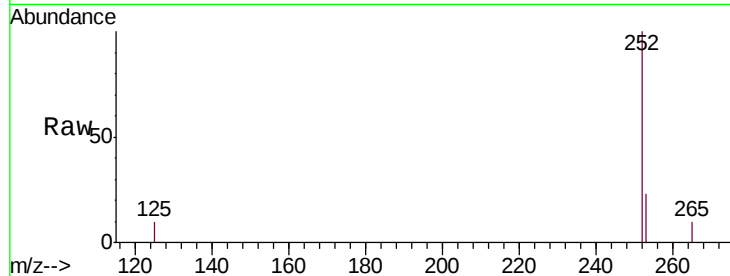
Tgt Ion:252 Resp: 39627

Ion Ratio Lower Upper

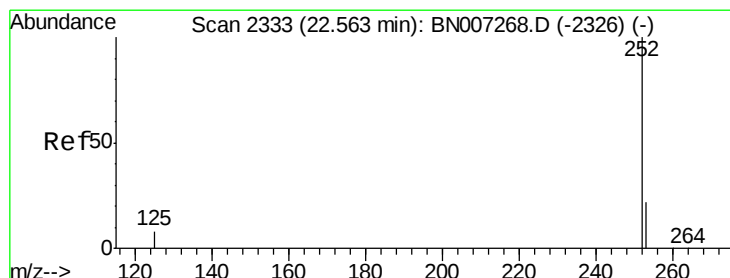
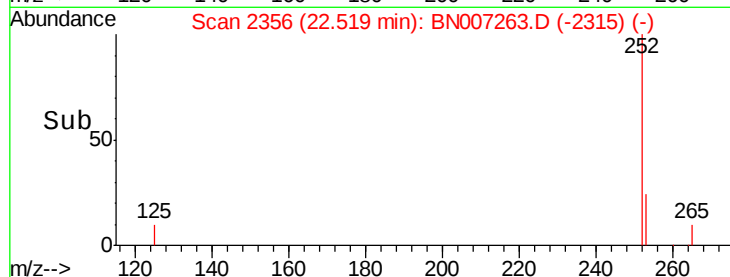
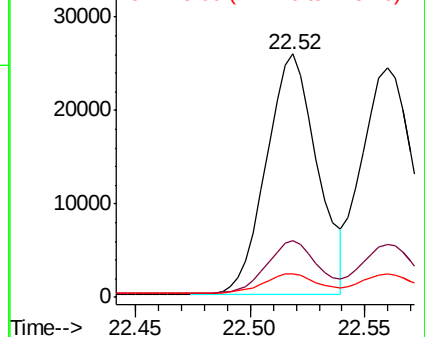
252 100

253 23.3 18.5 27.7

125 9.9 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.420 ng

RT: 22.56 min Scan# 2368

Delta R.T. -0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

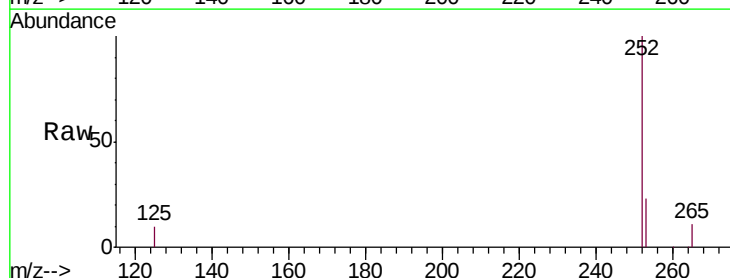
Tgt Ion:252 Resp: 38653

Ion Ratio Lower Upper

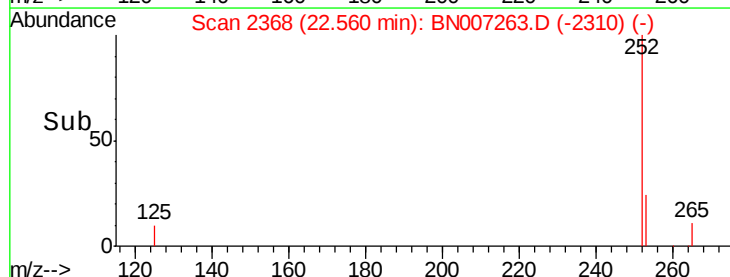
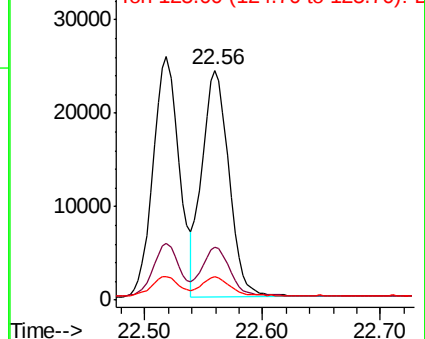
252 100

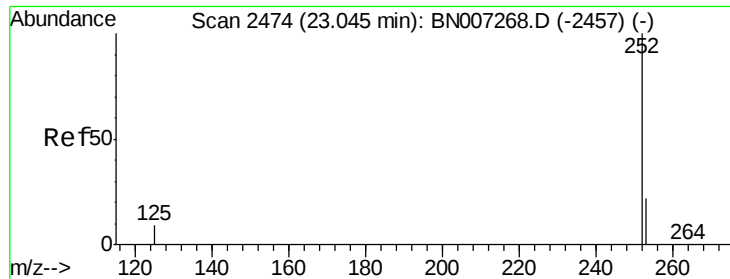
253 23.2 18.4 27.6

125 10.1 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





#37

Benzo(a)pyrene

Concen: 0.453 ng

RT: 23.05 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

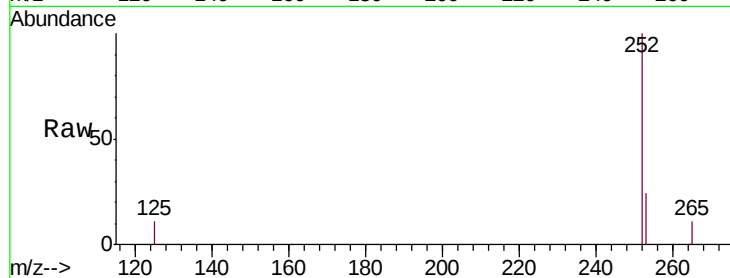
Tgt Ion:252 Resp: 36005

Ion Ratio Lower Upper

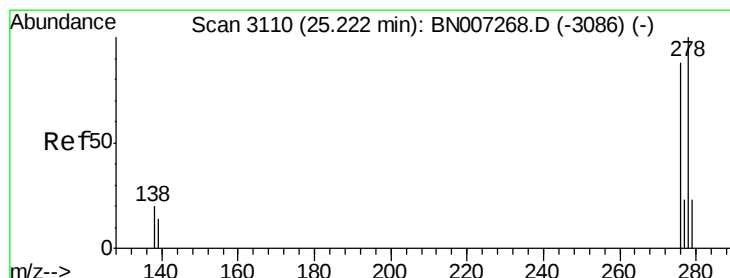
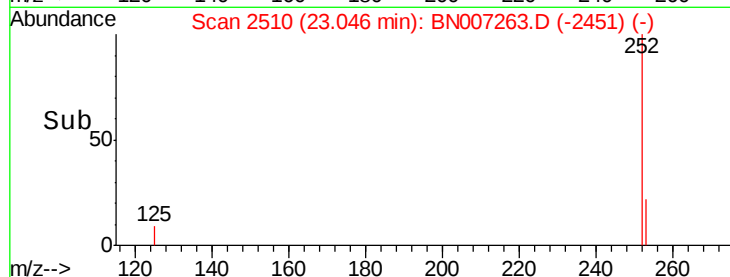
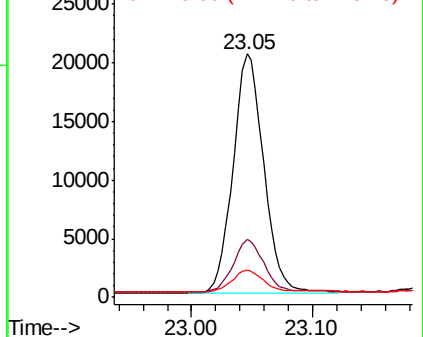
252 100

253 23.7 18.7 28.1

125 11.3 8.7 13.1



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: 0.457 ng

RT: 25.22 min Scan# 3146

Delta R.T. 0.00 min

Lab File: BN007263.D

Acq: 20 Aug 2019 13:44

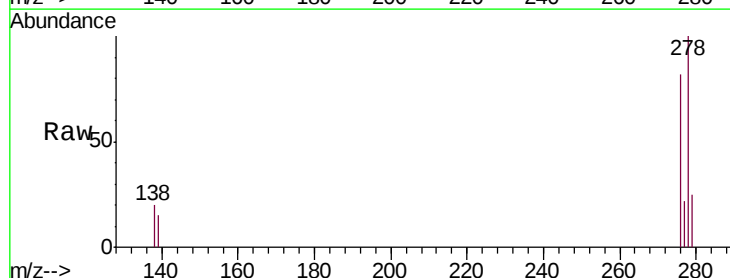
Tgt Ion:278 Resp: 36626

Ion Ratio Lower Upper

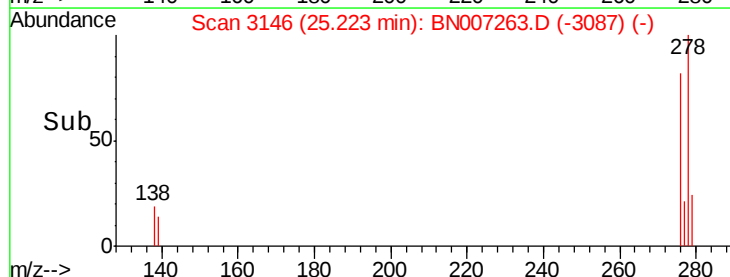
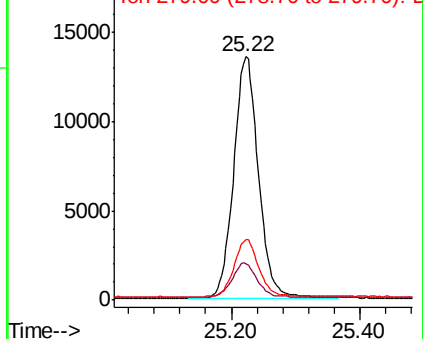
278 100

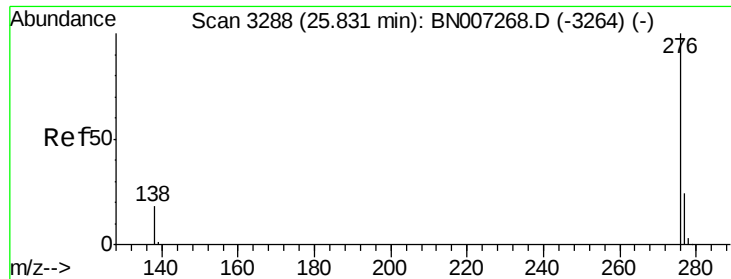
139 14.9 11.8 17.8

279 25.1 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.443 ng

RT: 25.83 min Scan# 3324

Delta R.T. 0.00 min

Lab File: BN007263.D

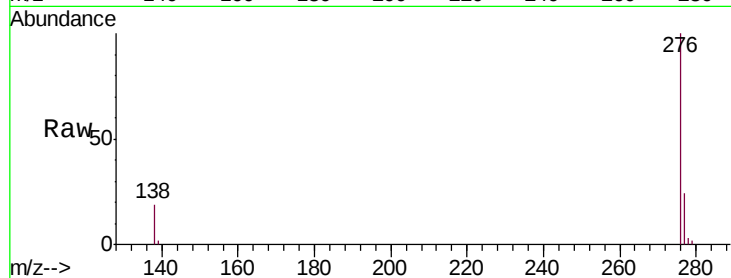
Acq: 20 Aug 2019 13:44

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4



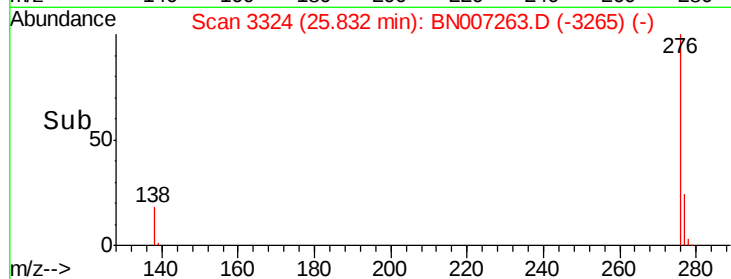
Tgt Ion: 276 Resp: 37200

Ion Ratio Lower Upper

276 100

277 24.4 19.5 29.3

138 19.1 15.3 22.9



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

