

Data File : BN007277.D
Acq On : 21 Aug 2019 03:39
Operator : HP/JU
Sample : K4173-09MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Quant Time: Aug 21 05:48:52 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 18:52:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	6727	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	25379	0.40	ng	0.00
13) Acenaphthene-d10	14.05	164	14607	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	34123	0.40	ng	-0.01
27) Chrysene-d12	21.03	240	34826	0.40	ng	0.00
34) Perylene-d12	23.13	264	38507	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	3547	0.17	ng	0.00
5) Phenol-d6	6.60	99	4638	0.19	ng	0.00
8) Nitrobenzene-d5	8.54	82	3960	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	11.77	152	9336	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	1406	0.17	ng	0.00
15) 2-Fluorobiphenyl	12.67	172	11616	0.19	ng	0.00
25) Fluoranthene-d10	18.85	212	19385	0.18	ng	0.00
29) Terphenyl-d14	19.47	244	14845	0.17	ng	0.00

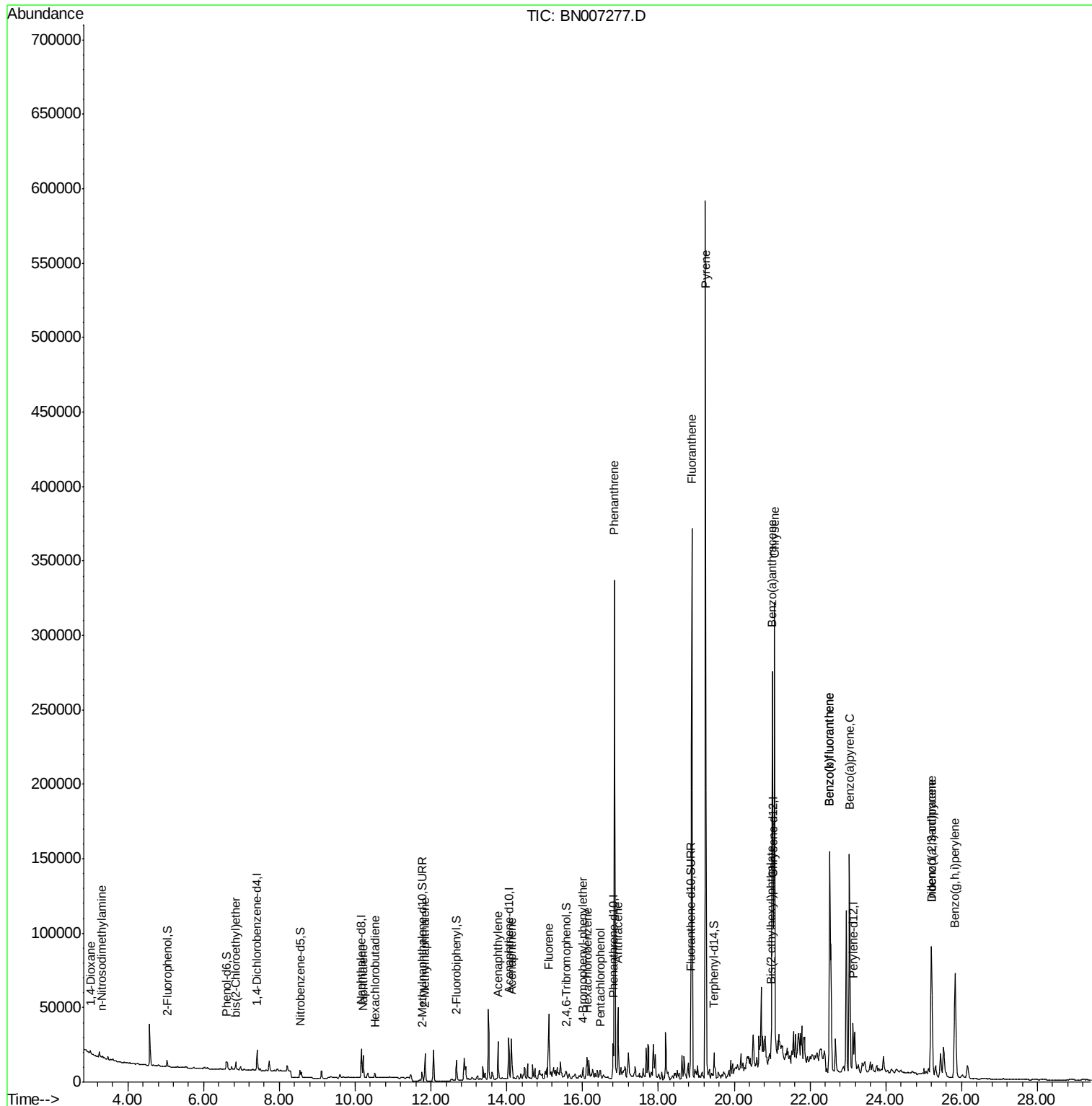
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	1560	0.163	ng	# 57
3) n-Nitrosodimethylamine	3.32	42	1163	0.182	ng	# 94
6) bis(2-Chloroethyl)ether	6.85	93	4041	0.203	ng	99
9) Naphthalene	10.22	128	19043	0.265	ng	100
10) Hexachlorobutadiene	10.52	225	2571	0.162	ng	# 99
12) 2-Methylnaphthalene	11.84	142	13724	0.276	ng	99
16) Acenaphthylene	13.76	152	32832	0.424	ng	98
17) Acenaphthene	14.12	154	14017	0.284	ng	96
18) Fluorene	15.11	166	21731	0.337	ng	96
20) 4-Bromophenyl-phenylether	16.01	248	2575	0.132	ng	98
21) Hexachlorobenzene	16.12	284	3585	0.159	ng	98
22) Pentachlorophenol	16.47	266	1260	0.139	ng	98
23) Phenanthrene	16.84	178	341320	3.191	ng	100
24) Anthracene	16.94	178	46588	0.484	ng	98
26) Fluoranthene	18.88	202	348075	2.687	ng	99
28) Pyrene	19.24	202	548471	4.212	ng	97
30) Benzo(a)anthracene	21.01	228	230847	1.783	ng	96
31) Chrysene	21.06	228	278821	2.110	ng	98
32) Bis(2-ethylhexyl)phthalate	20.97	149	15994	0.309	ng	94
33) Indeno(1,2,3-cd)pyrene	25.20	276	125562	0.790	ng	98
35) Benzo(b)fluoranthene	22.52	252	234449	1.633	ng	100
36) Benzo(k)fluoranthene	22.52	252	234449	1.667	ng	99
37) Benzo(a)pyrene	23.04	252	194103	1.500	ng	98
38) Dibenzo(a,h)anthracene	25.21	278	51727	0.381	ng	95
39) Benzo(g,h,i)perylene	25.83	276	140862	1.025	ng	100

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

Data File : BN007277.D
Acq On : 21 Aug 2019 03:39
Operator : HP/JU
Sample : K4173-09MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Quant Time: Aug 21 05:48:52 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 18:52:43 2019
Response via : Initial Calibration



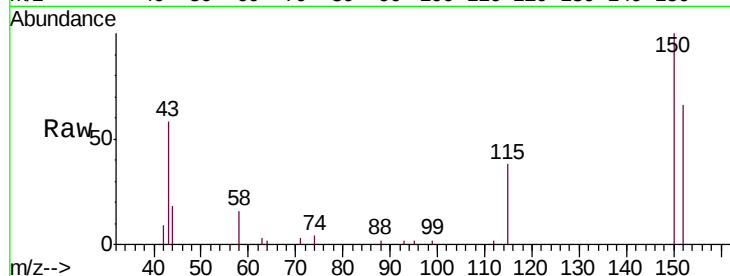


#1

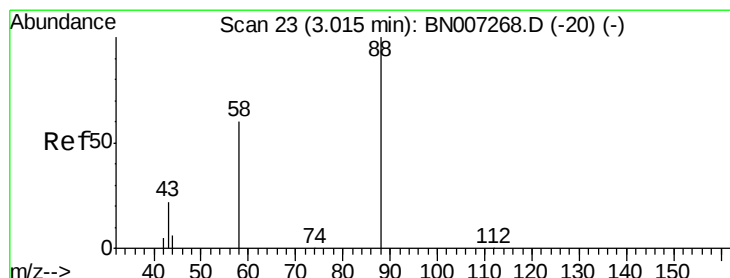
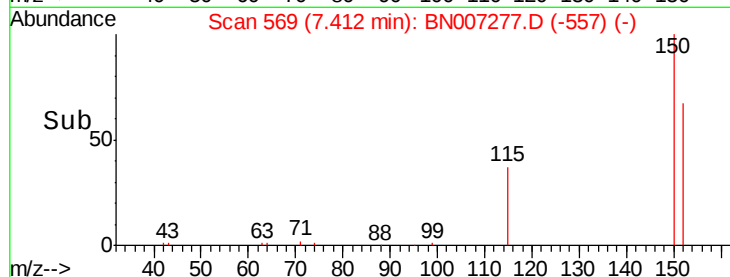
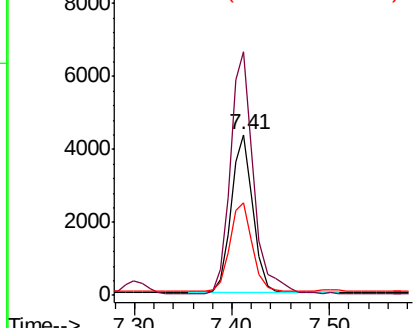
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Tgt Ion:152 Resp: 6727
Ion Ratio Lower Upper
152 100
150 151.3 123.8 185.8
115 57.4 47.3 70.9



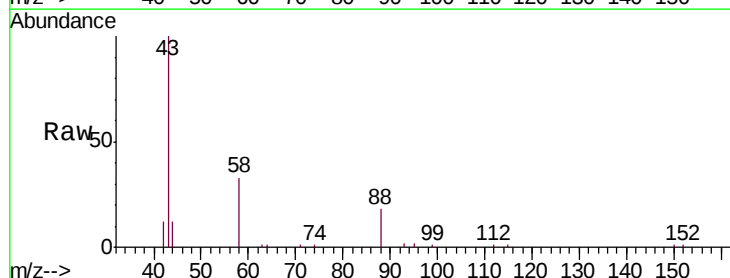
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



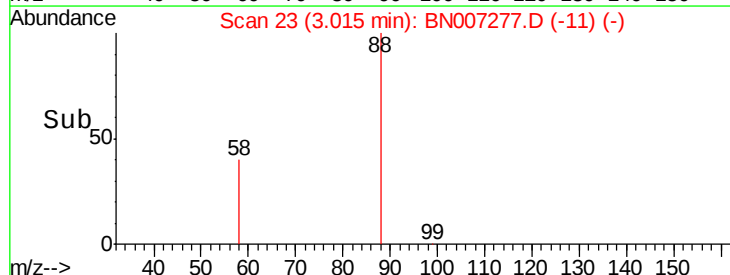
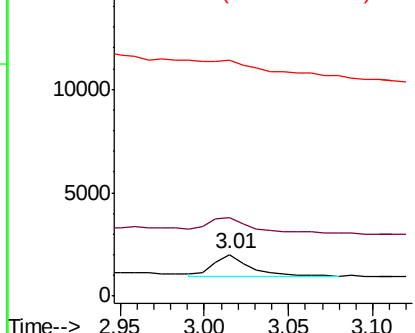
#2

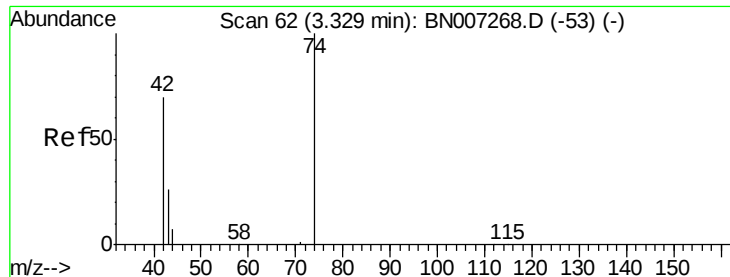
1,4-Dioxane
Concen: 0.163 ng
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion: 88 Resp: 1560
Ion Ratio Lower Upper
88 100
58 86.2 45.5 68.3#
43 0.0 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: 0.182 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.01 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

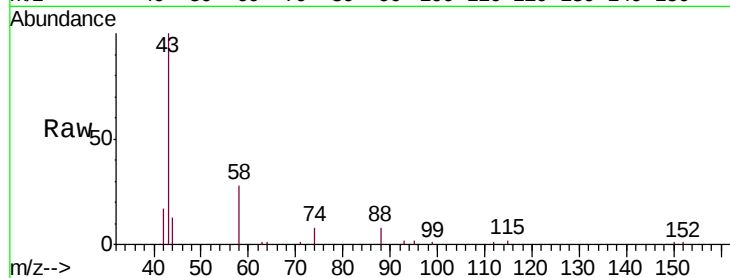
Tgt Ion: 42 Resp: 1163

Ion Ratio Lower Upper

42 100

74 143.5 109.0 163.4

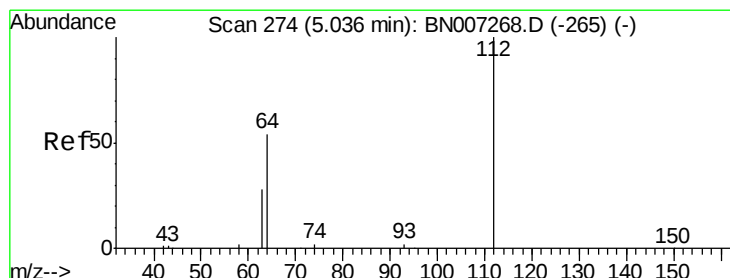
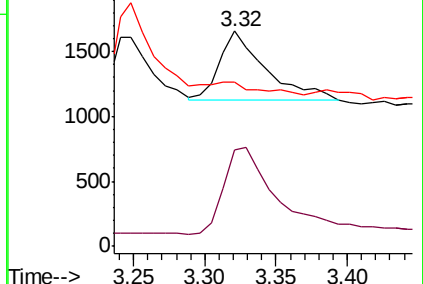
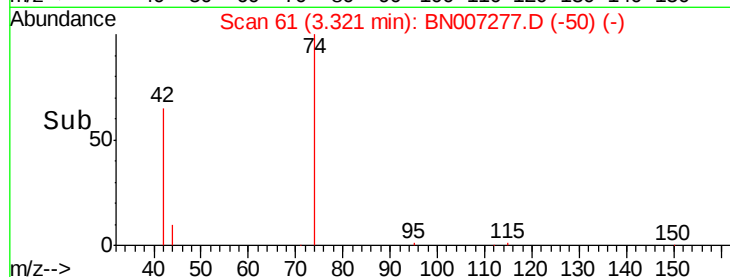
44 0.0 4.2 6.2#



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: 0.173 ng

RT: 5.04 min Scan# 275

Delta R.T. 0.01 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

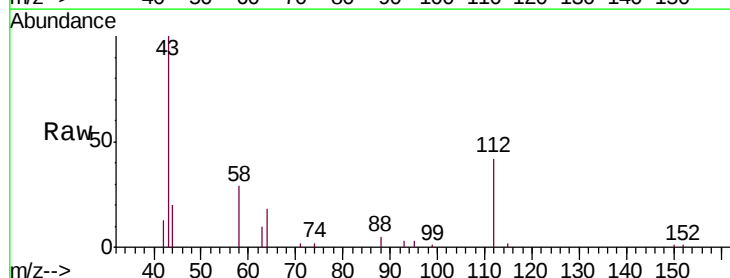
Tgt Ion: 112 Resp: 3547

Ion Ratio Lower Upper

112 100

64 52.5 41.8 62.8

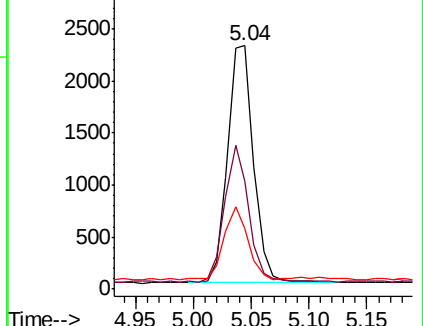
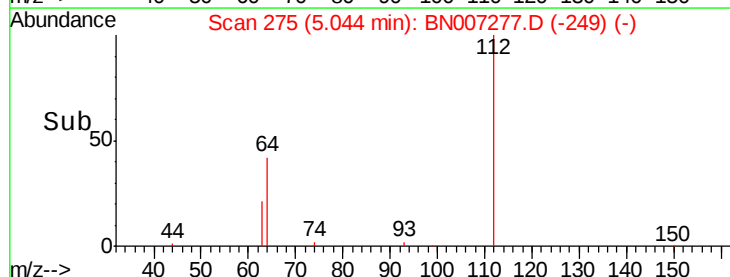
63 27.8 22.6 34.0

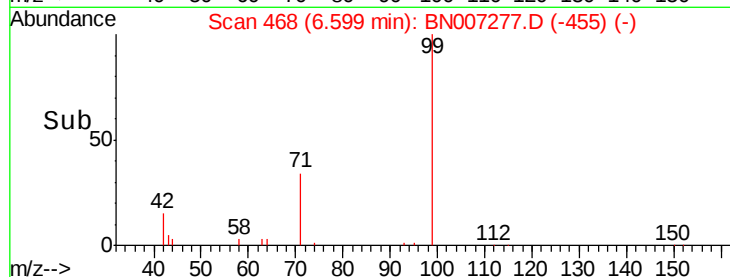
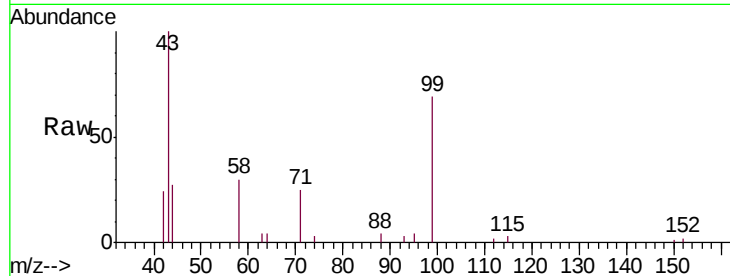
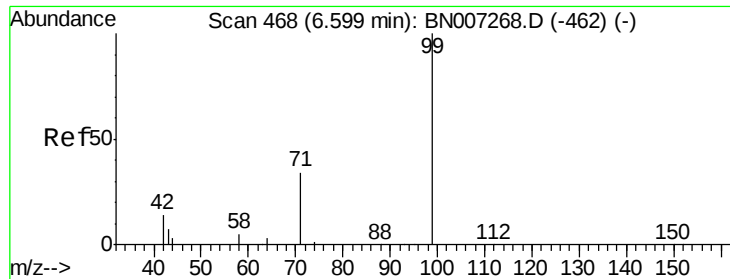


Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.189 ng

RT: 6.60 min Scan# 468

Delta R.T. 0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

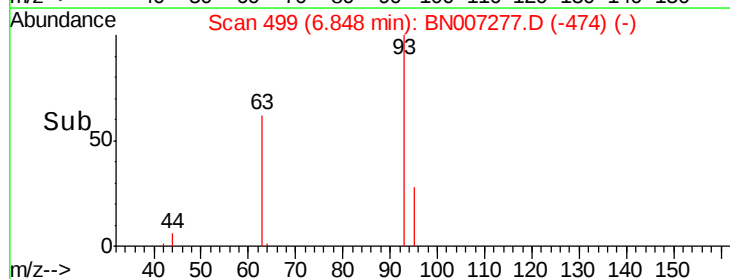
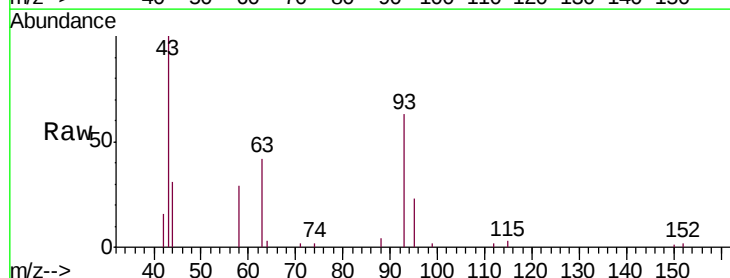
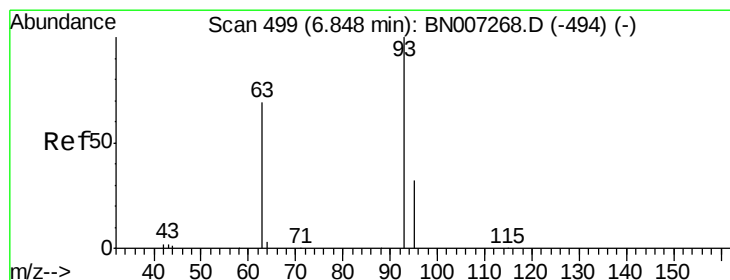
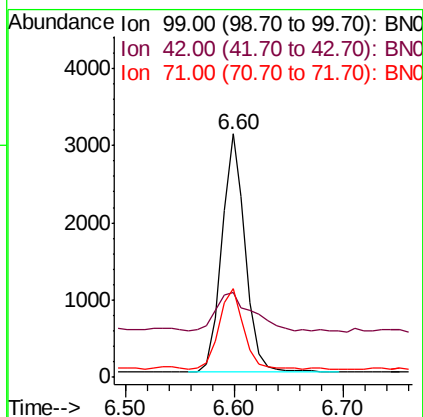
Tgt Ion: 99 Resp: 4638

Ion Ratio Lower Upper

99 100

42 26.6 14.3 21.5#

71 35.0 27.3 40.9



#6

bis(2-Chloroethyl)ether

Concen: 0.203 ng

RT: 6.85 min Scan# 499

Delta R.T. 0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

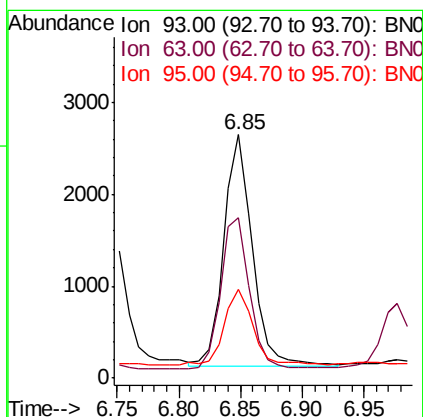
Tgt Ion: 93 Resp: 4041

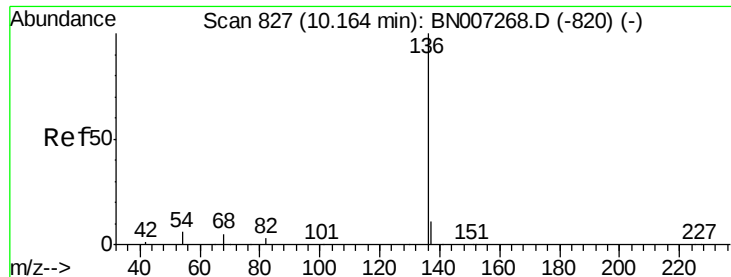
Ion Ratio Lower Upper

93 100

63 67.2 54.4 81.6

95 33.3 25.5 38.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. 0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

Tgt Ion:136 Resp: 25379

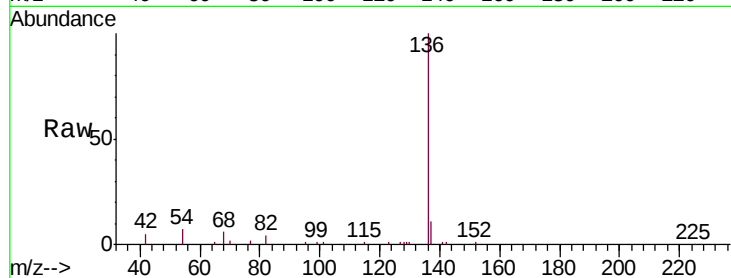
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.7 5.9 8.9

68 6.1 5.6 8.4

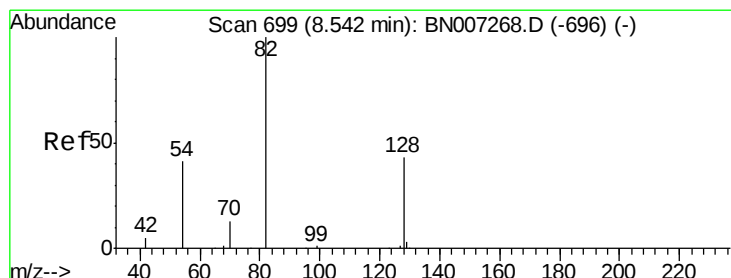
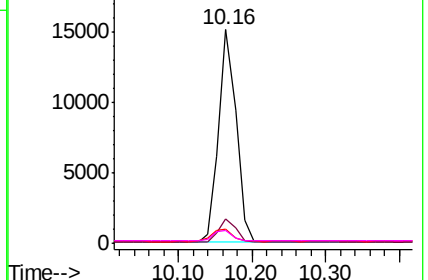
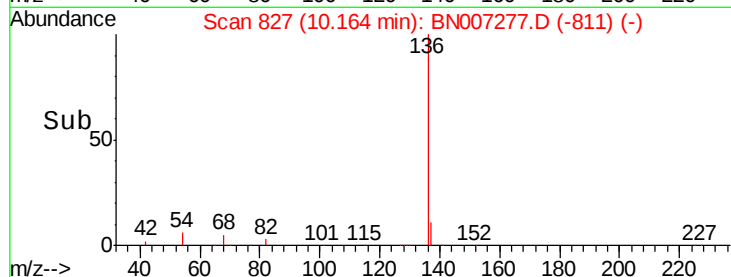


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.203 ng

RT: 8.54 min Scan# 699

Delta R.T. 0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

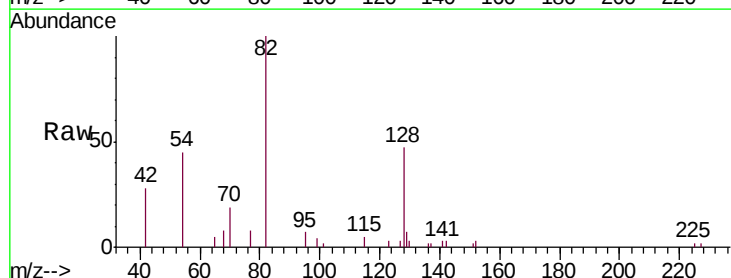
Tgt Ion: 82 Resp: 3960

Ion Ratio Lower Upper

82 100

128 47.3 35.8 53.6

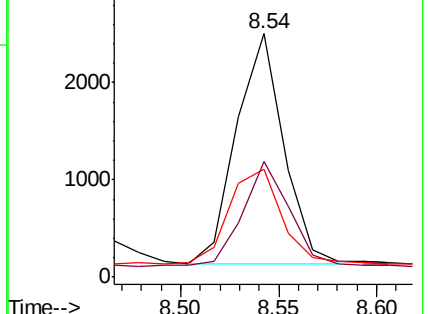
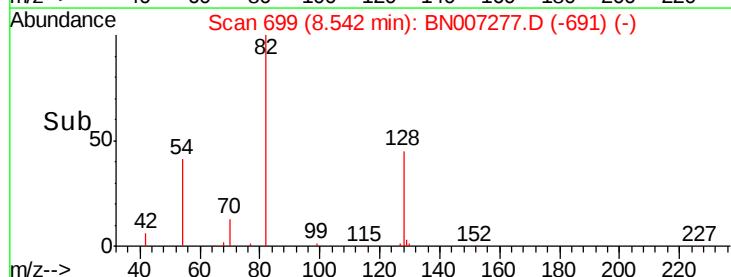
54 44.6 34.7 52.1

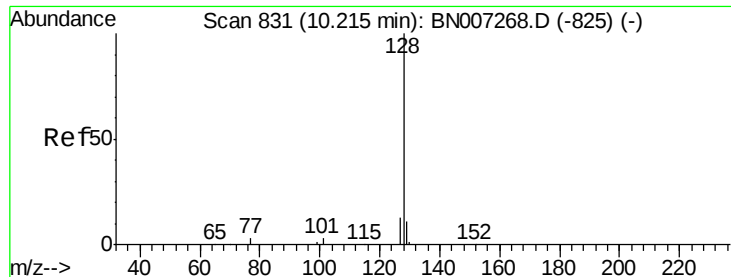


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.265 ng

RT: 10.22 min Scan# 831

Delta R.T. 0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

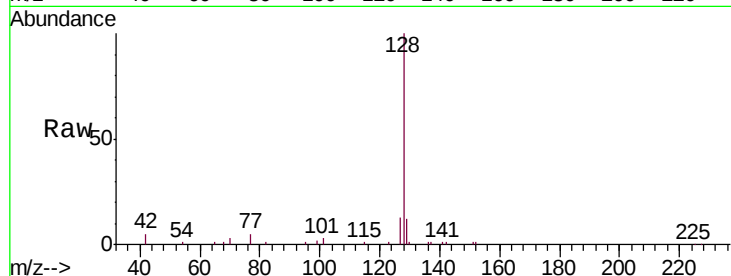
Tgt Ion:128 Resp: 19043

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

127 13.5 10.6 16.0

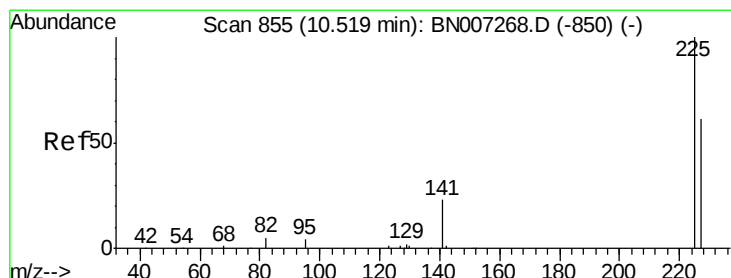
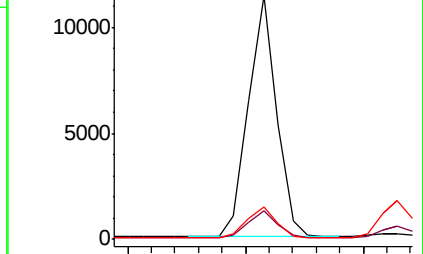
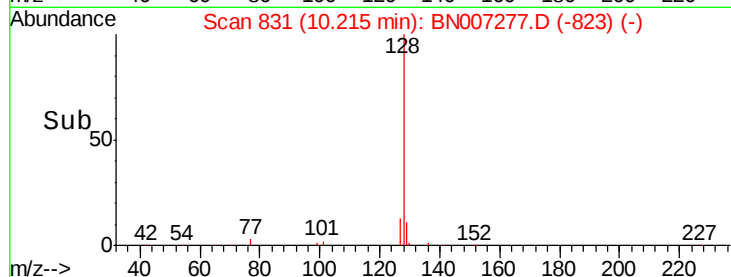


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.22



#10

Hexachlorobutadiene

Concen: 0.162 ng

RT: 10.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

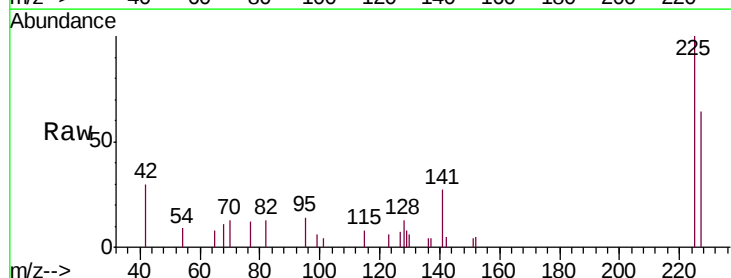
Tgt Ion:225 Resp: 2571

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.8 50.2 75.2

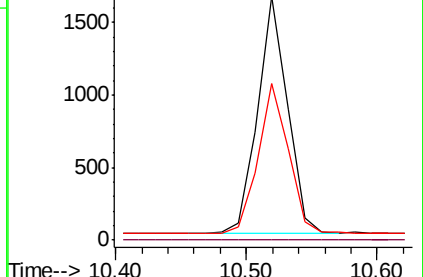
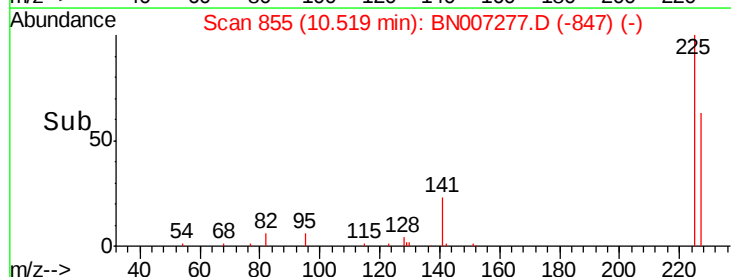


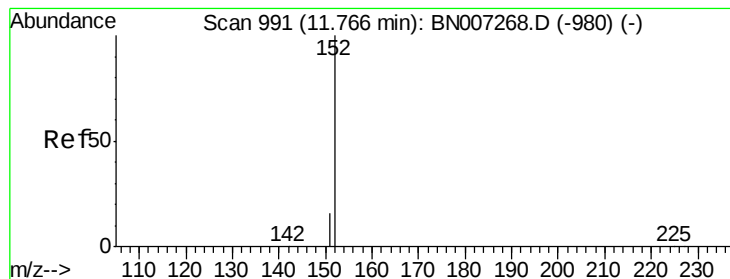
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

10.52





#11

2-Methylnaphthalene-d10

Concen: 0.213 ng

RT: 11.77 min Scan# 991

Delta R.T. 0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

Instrument :

BNA_N

ClientSampleId :

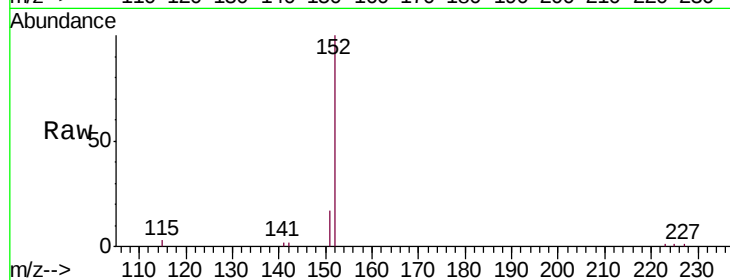
PST-016-SW112-073119-1MS

Tgt Ion:152 Resp: 9336

Ion Ratio Lower Upper

152 100

151 17.2 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

6000

5000

4000

3000

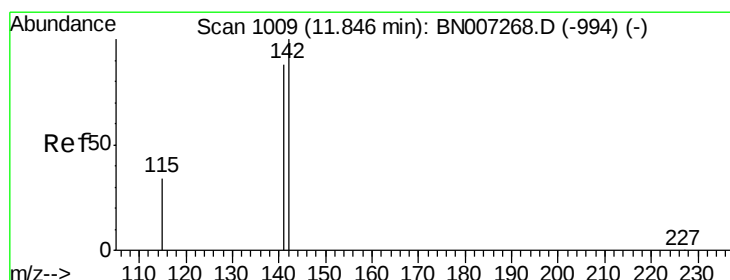
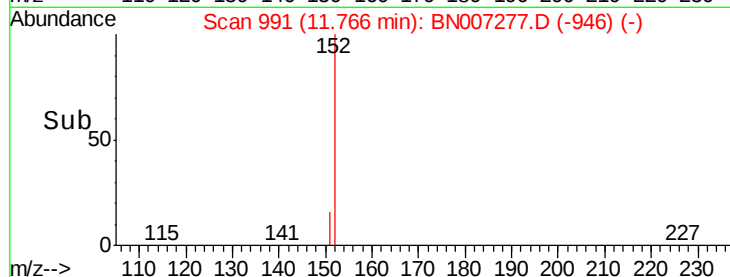
2000

1000

0

Time-->

11.70 11.80



#12

2-Methylnaphthalene

Concen: 0.276 ng

RT: 11.84 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

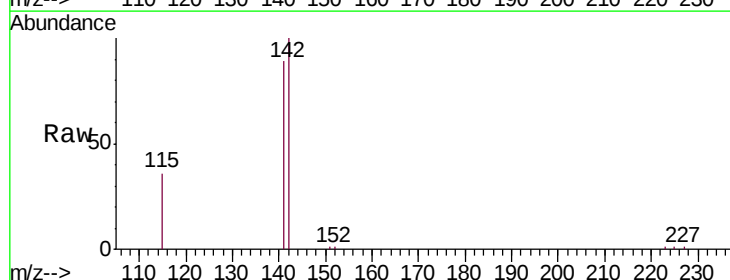
Tgt Ion:142 Resp: 13724

Ion Ratio Lower Upper

142 100

141 89.1 70.7 106.1

115 35.8 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

10000

8000

6000

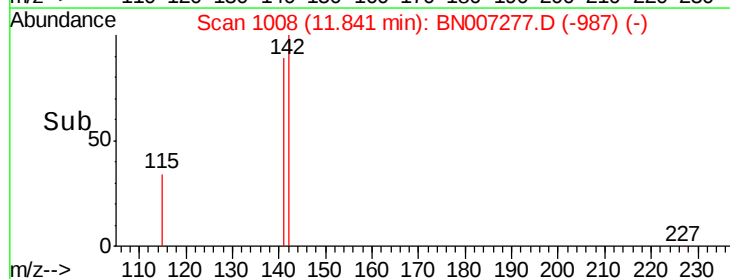
4000

2000

0

Time-->

11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

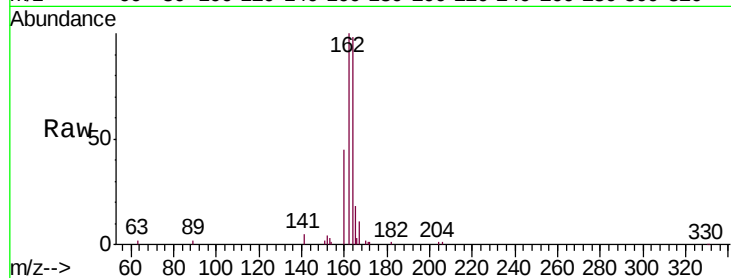
Tgt Ion:164 Resp: 14607

Ion Ratio Lower Upper

164 100

162 101.8 82.0 123.0

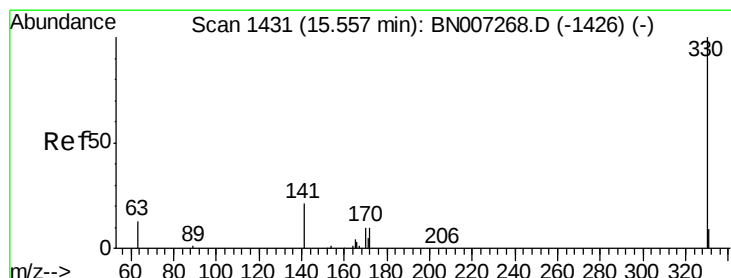
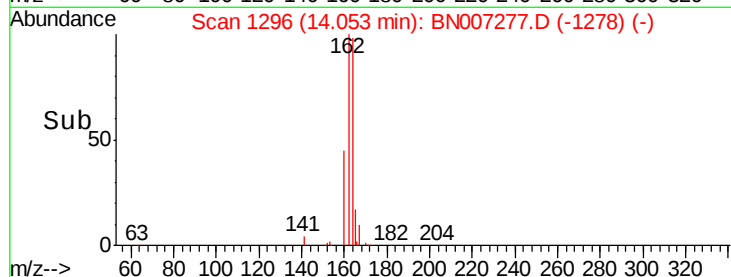
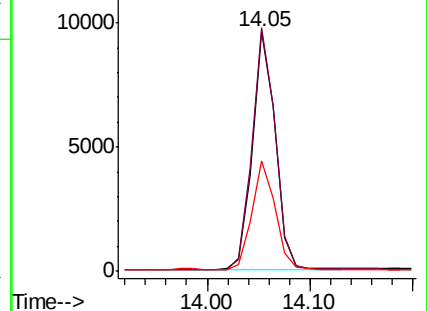
160 46.1 38.2 57.4



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: 0.171 ng

RT: 15.56 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

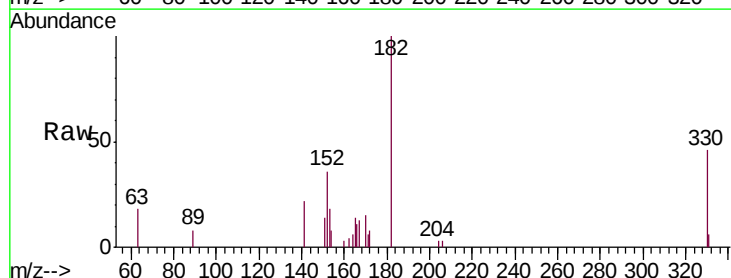
Tgt Ion:330 Resp: 1406

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

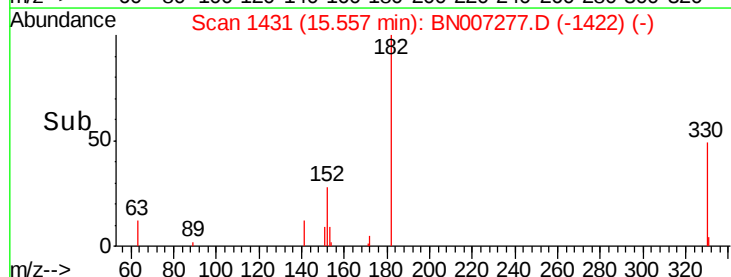
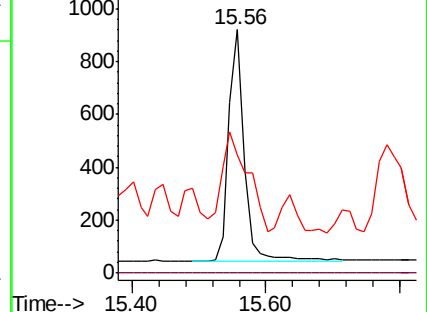
141 72.0 30.3 45.5#

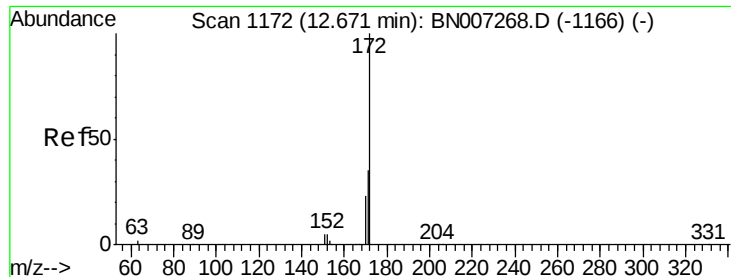


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

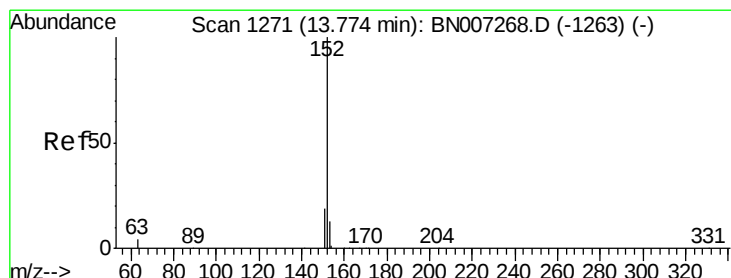
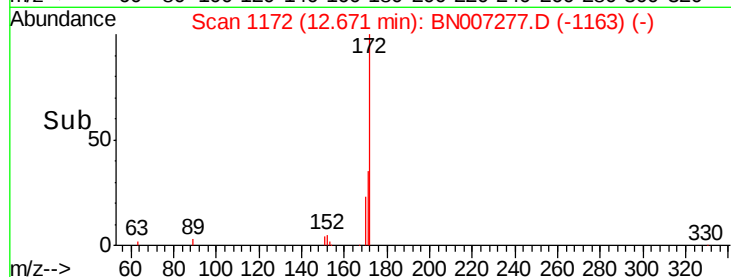
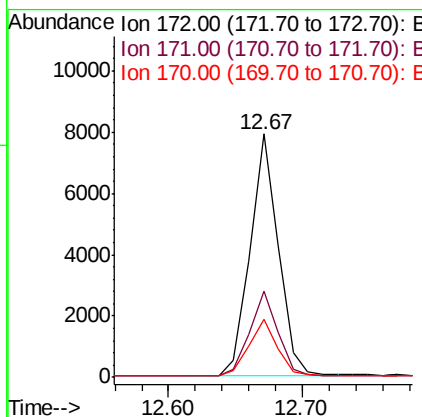
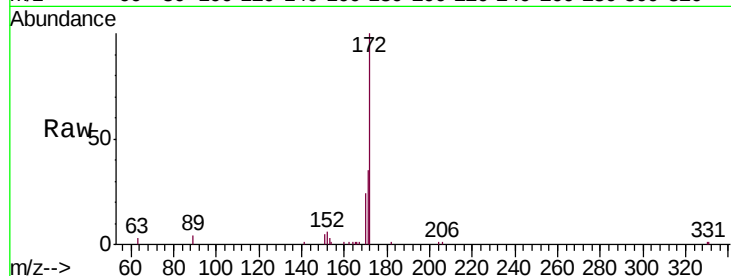




#15
2-Fluorobiphenyl
Concen: 0.185 ng
RT: 12.67 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

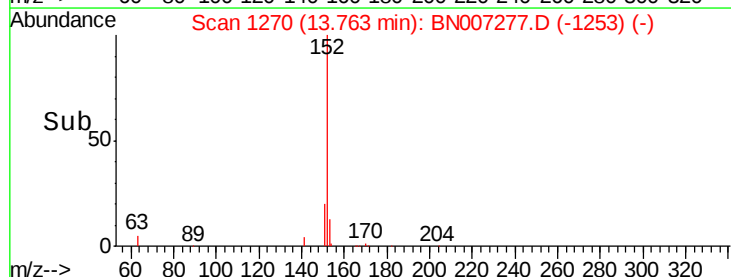
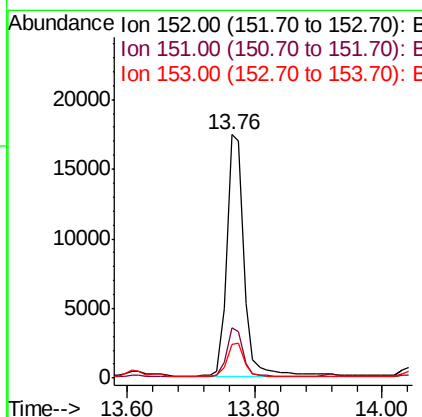
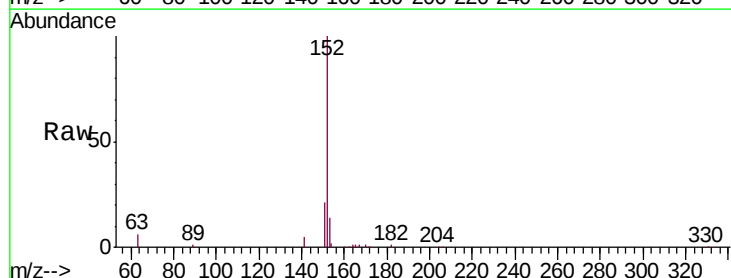
Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

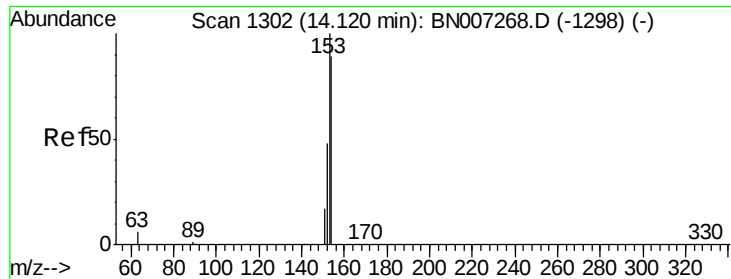
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	24.0	18.7	28.1



#16
Acenaphthylene
Concen: 0.424 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.2
153	14.0	10.1	15.1





#17

Acenaphthene

Concen: 0.284 ng

RT: 14.12 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

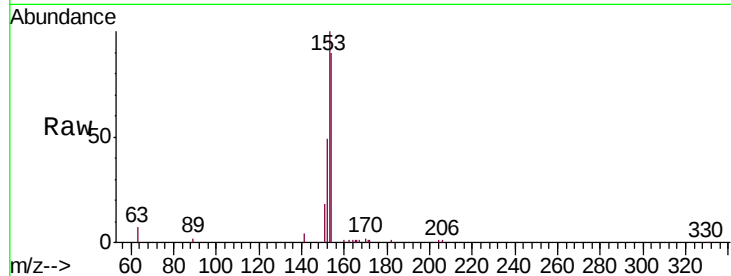
Tgt Ion:154 Resp: 14017

Ion Ratio Lower Upper

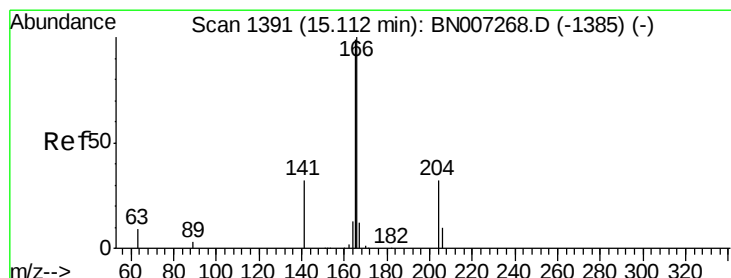
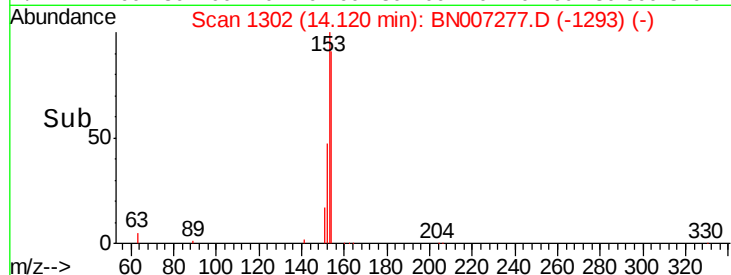
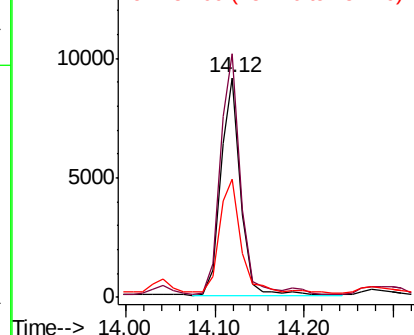
154 100

153 115.6 89.9 134.9

152 58.2 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: 0.337 ng

RT: 15.11 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

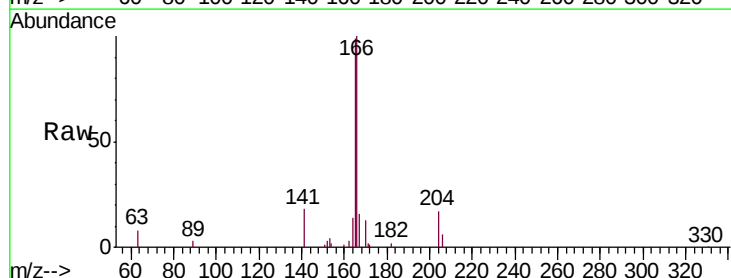
Tgt Ion:166 Resp: 21731

Ion Ratio Lower Upper

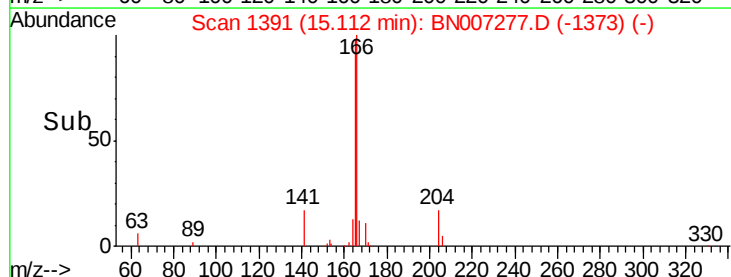
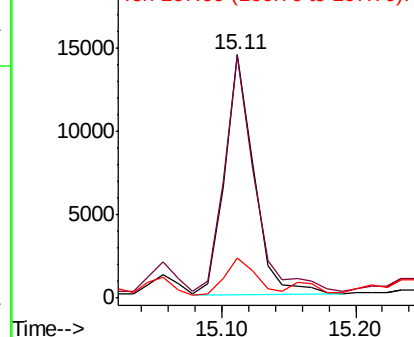
166 100

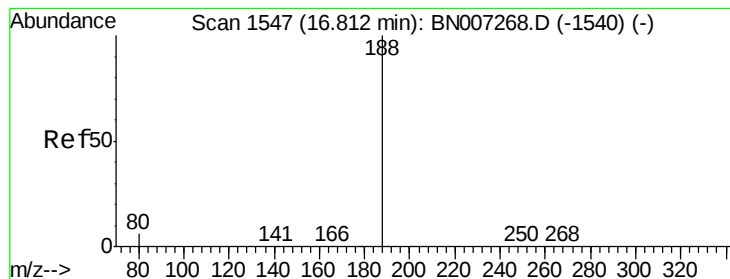
165 101.5 78.3 117.5

167 16.0 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# 1546

Delta R.T. -0.01 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

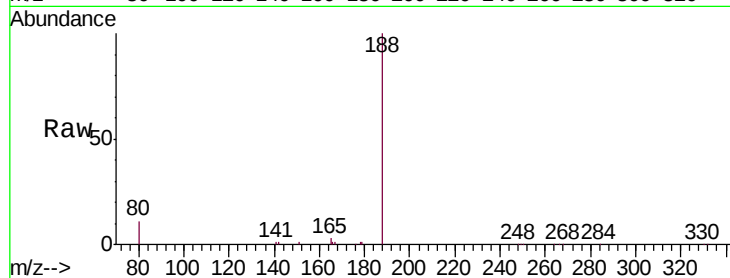
Tgt Ion:188 Resp: 34123

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

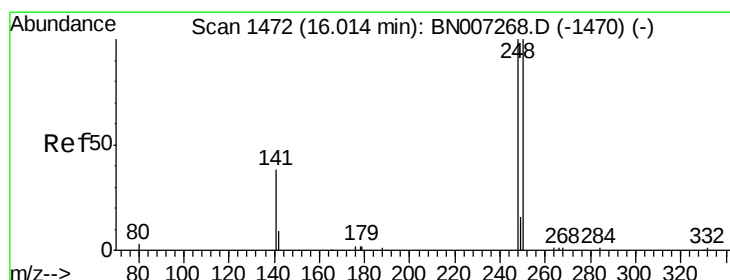
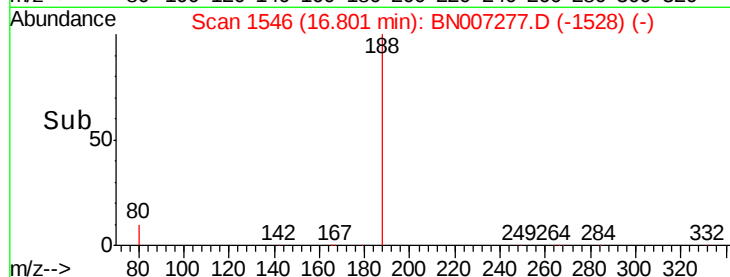
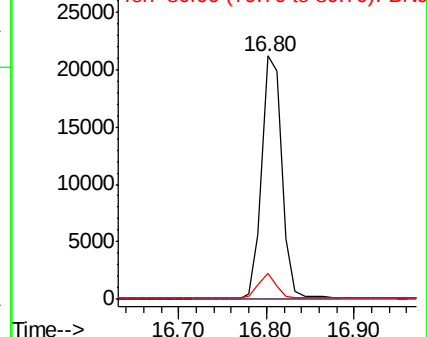
80 10.8 5.2 7.8#



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: 0.132 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

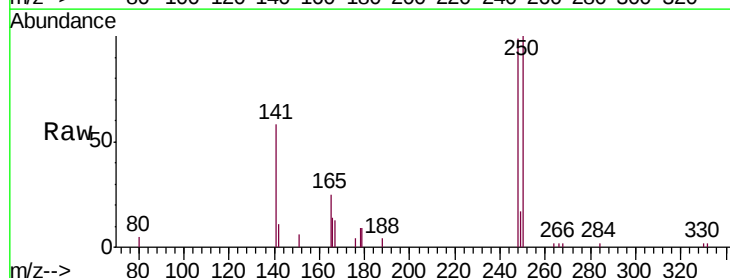
Tgt Ion:248 Resp: 2575

Ion Ratio Lower Upper

248 100

250 100.6 79.6 119.4

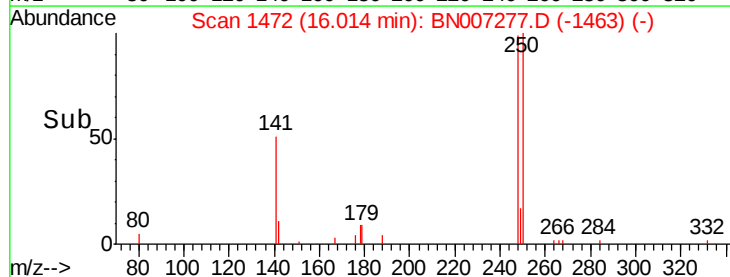
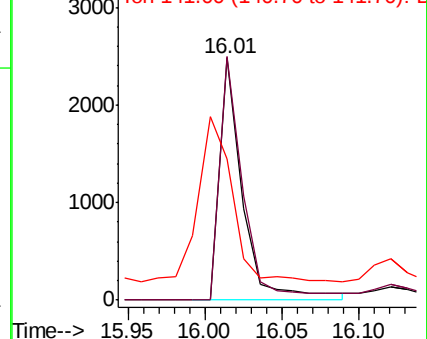
141 58.4 45.1 67.7



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

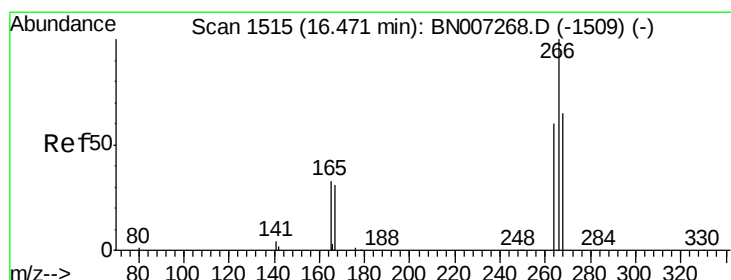
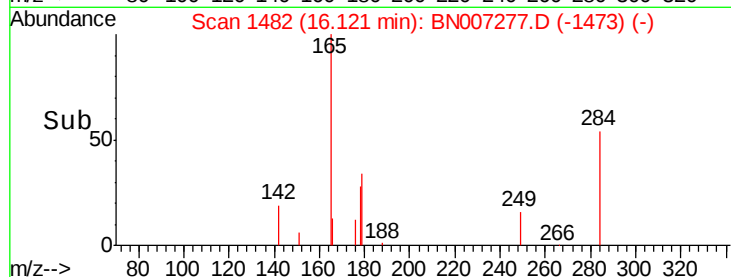
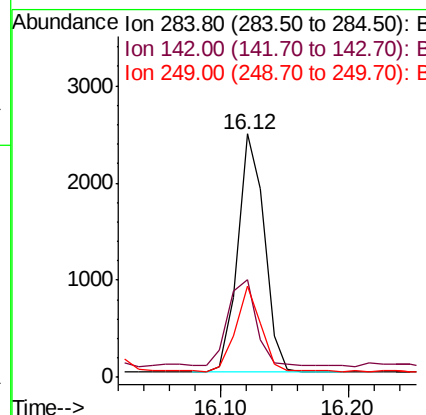
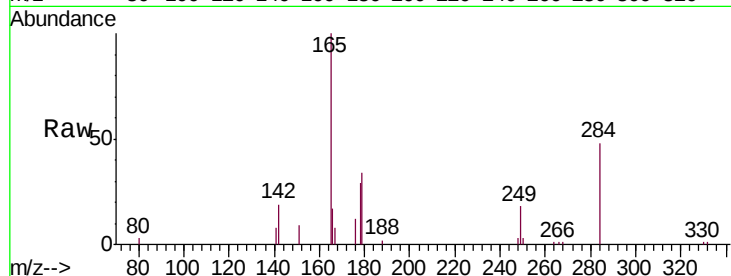




#21
Hexachlorobenzene
Concen: 0.159 ng
RT: 16.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

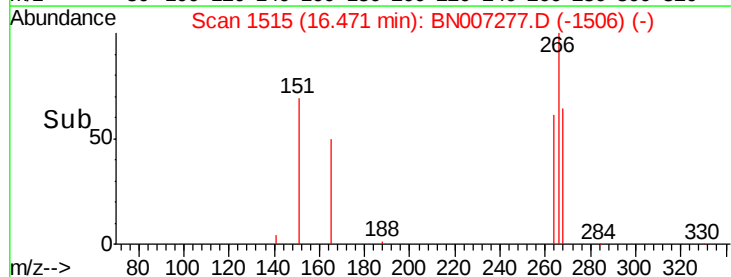
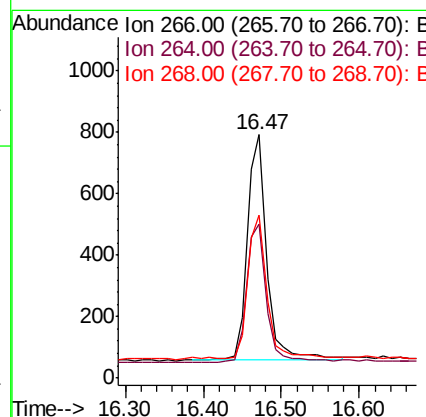
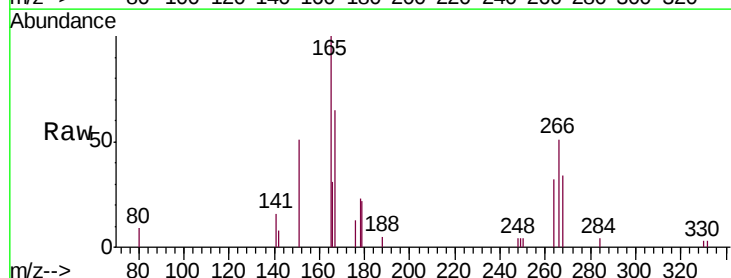
Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

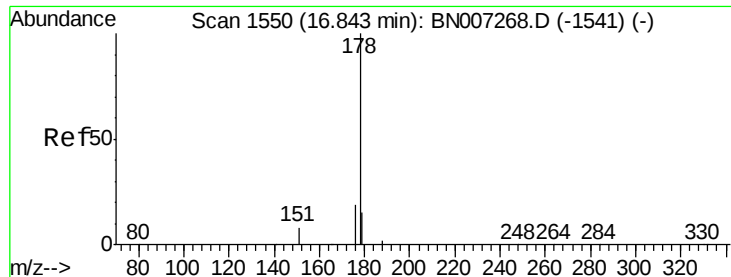
Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.1	29.5	44.3
249	33.8	26.2	39.4



#22
Pentachlorophenol
Concen: 0.139 ng
RT: 16.47 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.2	48.7	73.1
268	67.1	53.5	80.3





#23

Phenanthrene

Concen: 3.191 ng

RT: 16.84 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

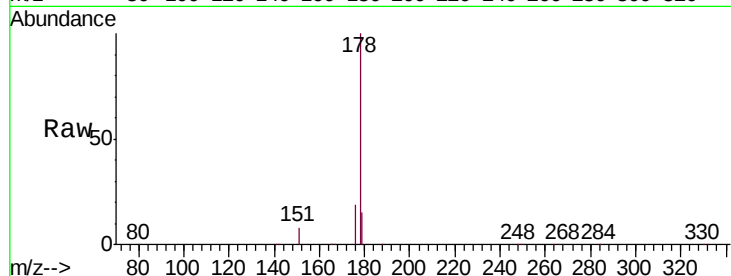
Tgt Ion:178 Resp: 341320

Ion Ratio Lower Upper

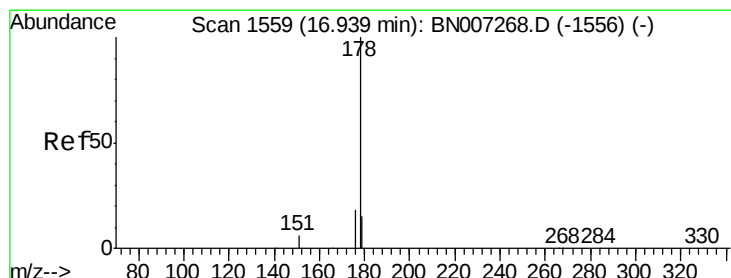
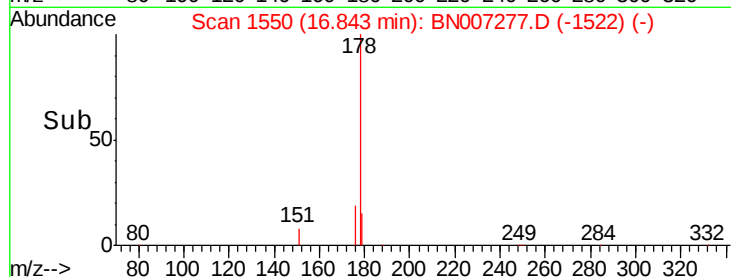
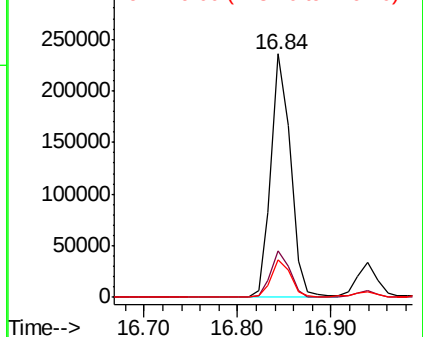
178 100

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: 0.484 ng

RT: 16.94 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

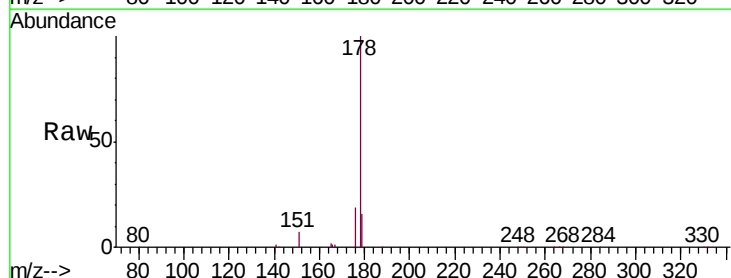
Tgt Ion:178 Resp: 46588

Ion Ratio Lower Upper

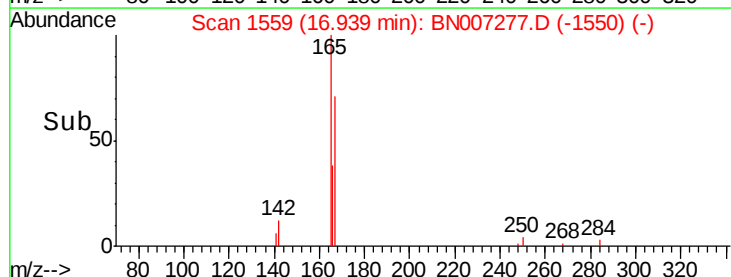
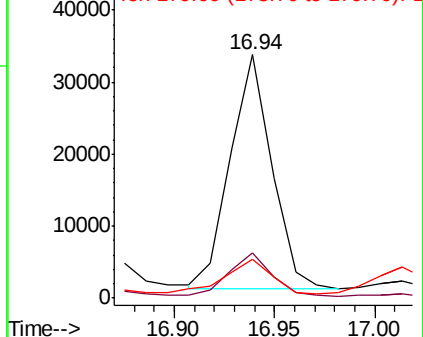
178 100

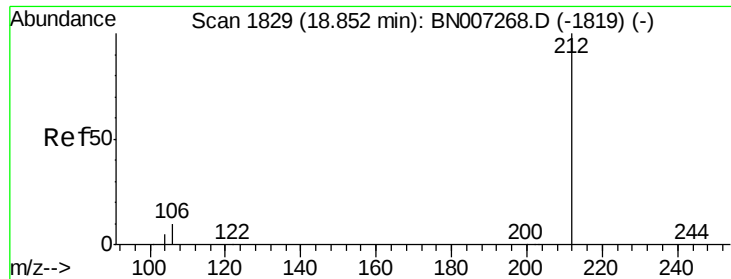
176 18.5 14.3 21.5

179 17.0 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: 0.179 ng

RT: 18.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

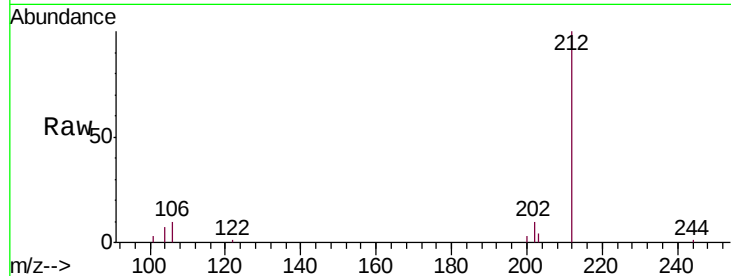
Tgt Ion:212 Resp: 19385

Ion Ratio Lower Upper

212 100

106 10.4 8.2 12.4

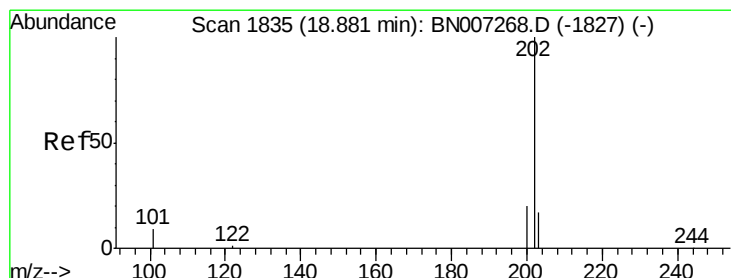
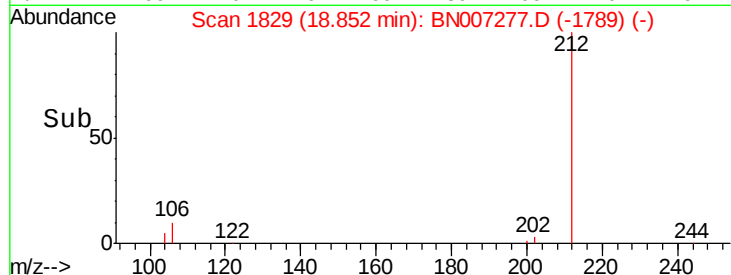
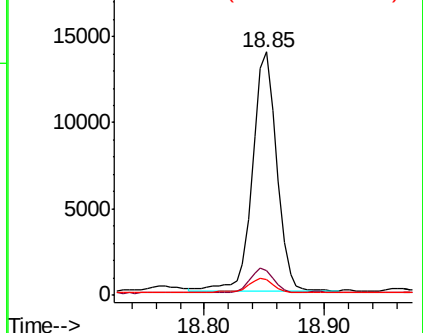
104 6.6 4.7 7.1



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: 2.687 ng

RT: 18.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

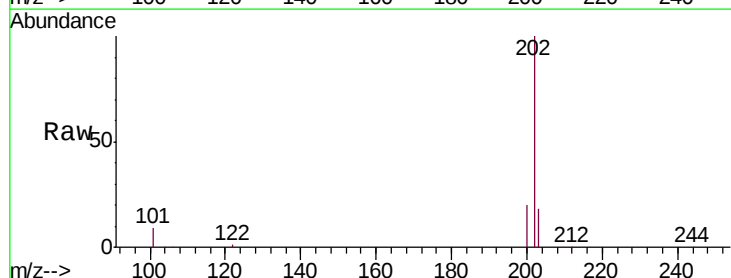
Tgt Ion:202 Resp: 348075

Ion Ratio Lower Upper

202 100

101 9.0 7.2 10.8

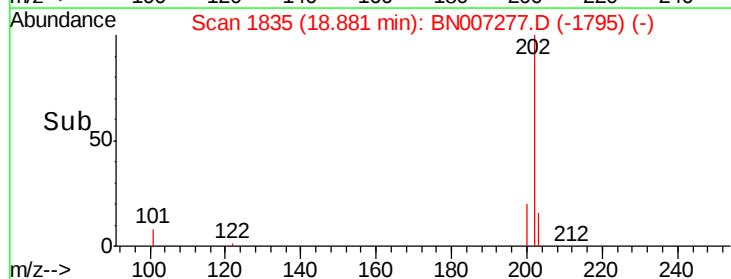
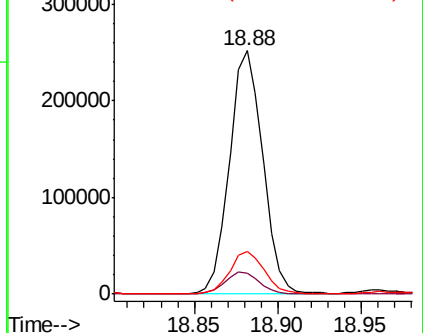
203 17.8 13.8 20.6



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: 21.03 min Scan# 2158

Delta R.T. 0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

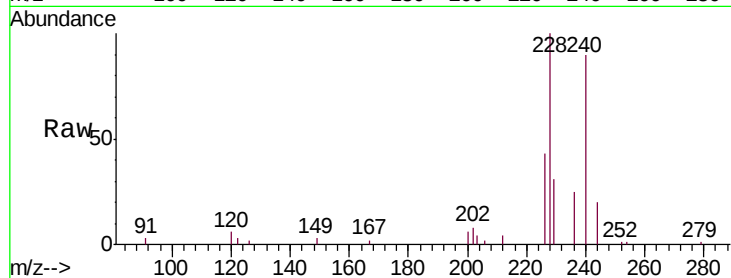
Tgt Ion:240 Resp: 34826

Ion Ratio Lower Upper

240 100

120 7.2 5.6 8.4

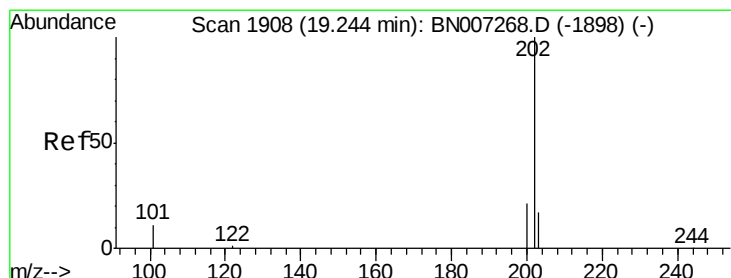
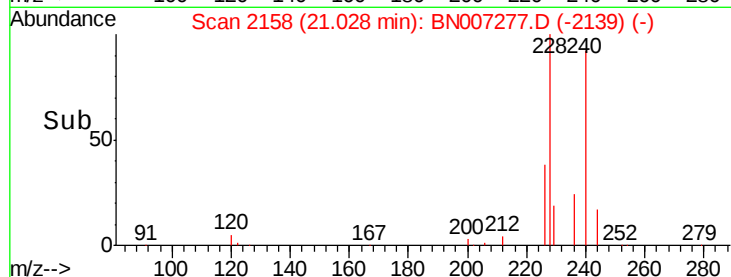
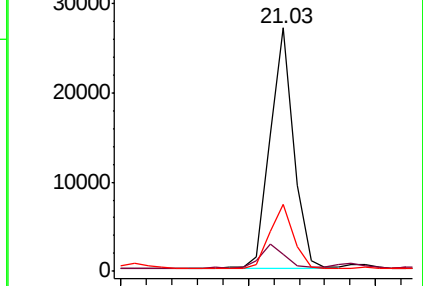
236 27.5 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 4.212 ng

RT: 19.24 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

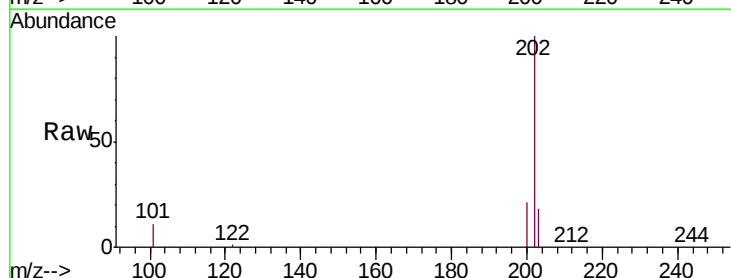
Tgt Ion:202 Resp: 548471

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

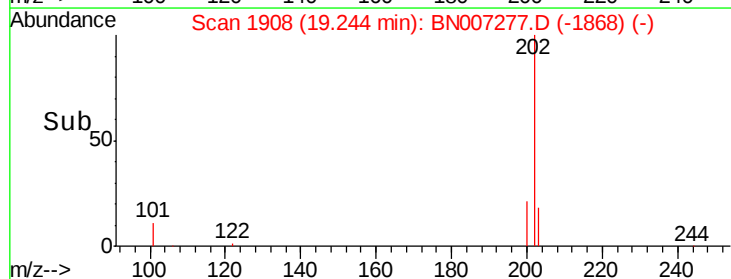
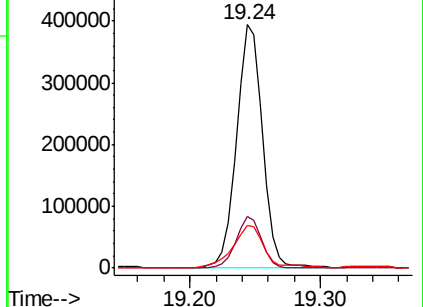
203 20.1 13.9 20.9



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: 0.170 ng

RT: 19.47 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

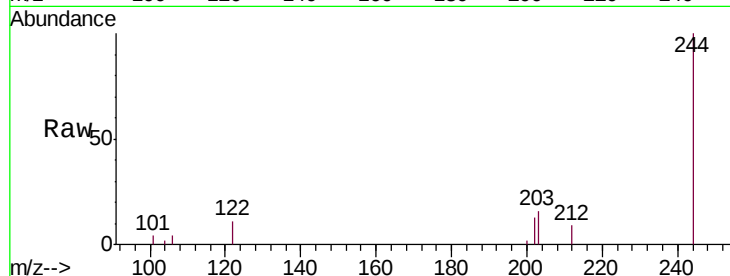
Tgt Ion:244 Resp: 14845

Ion Ratio Lower Upper

244 100

212 9.2 6.5 9.7

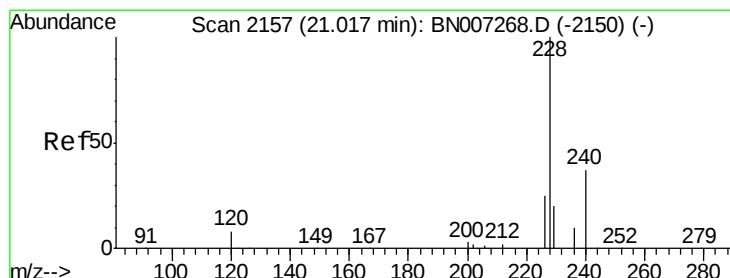
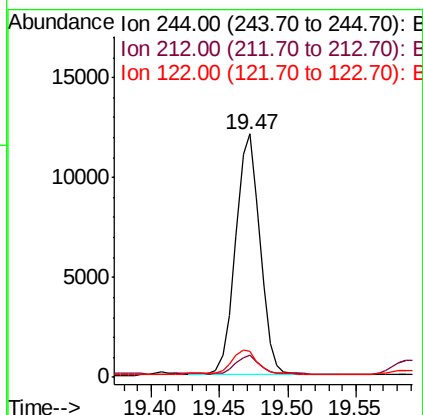
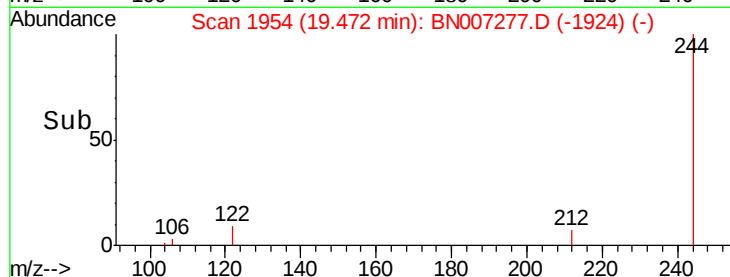
122 10.8 7.9 11.9



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: 1.783 ng

RT: 21.01 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

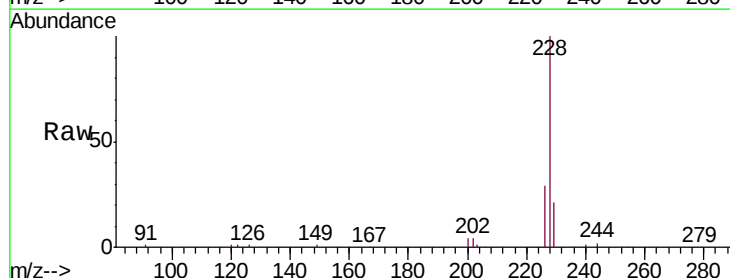
Tgt Ion:228 Resp: 230847

Ion Ratio Lower Upper

228 100

226 29.3 20.6 30.8

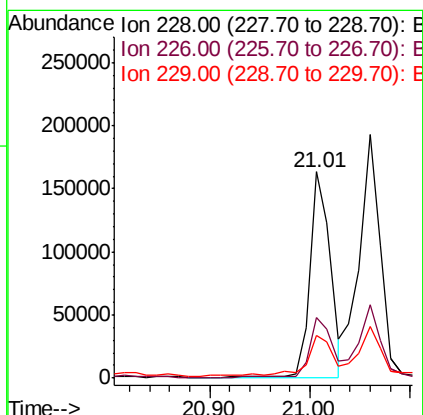
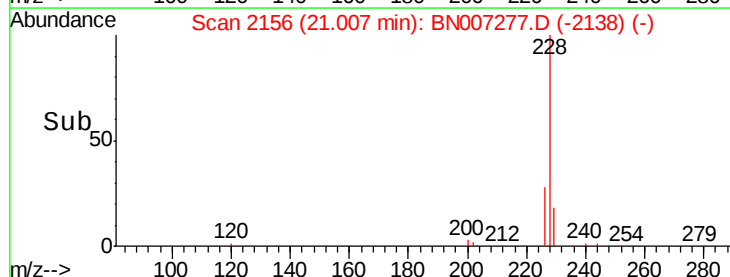
229 20.9 16.9 25.3



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: 2.110 ng

RT: 21.06 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

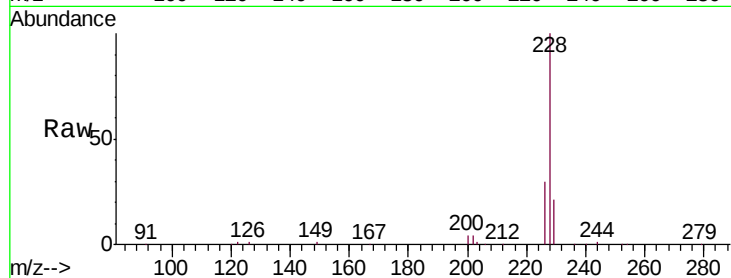
Tgt Ion:228 Resp: 278821

Ion Ratio Lower Upper

228 100

226 30.3 24.6 36.8

229 21.2 15.6 23.4

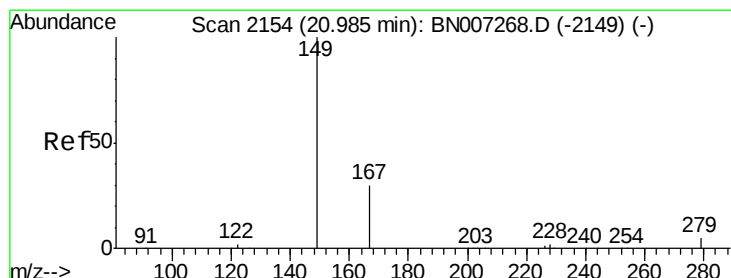
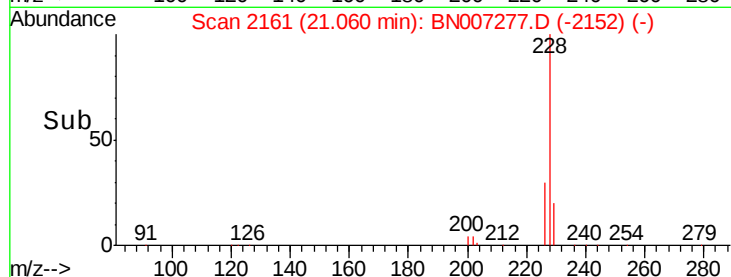
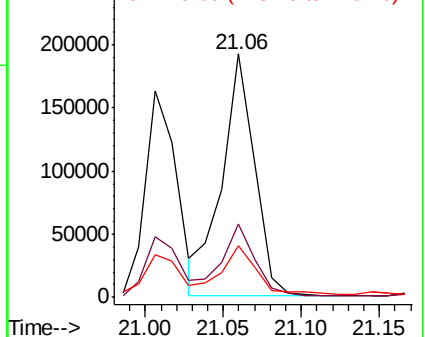


Abundance

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: 0.309 ng

RT: 20.97 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

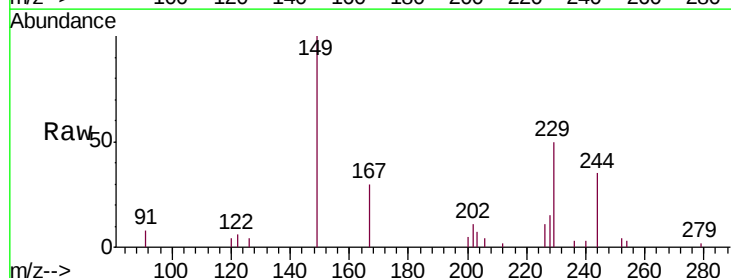
Tgt Ion:149 Resp: 15994

Ion Ratio Lower Upper

149 100

167 33.5 23.8 35.6

279 4.5 3.8 5.8

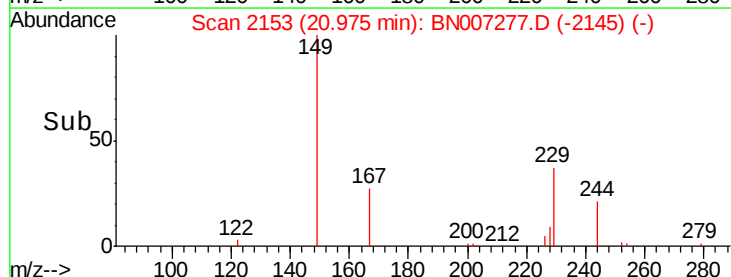
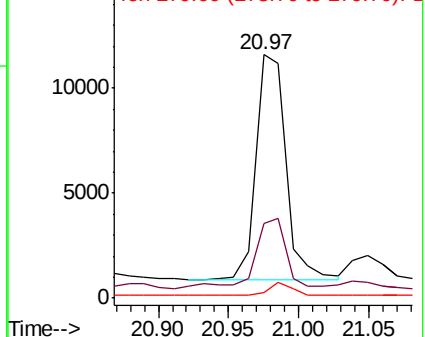


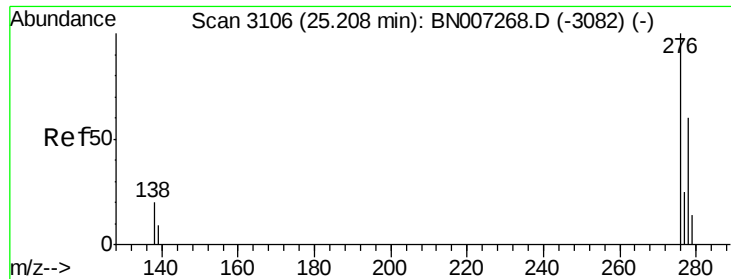
Abundance

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

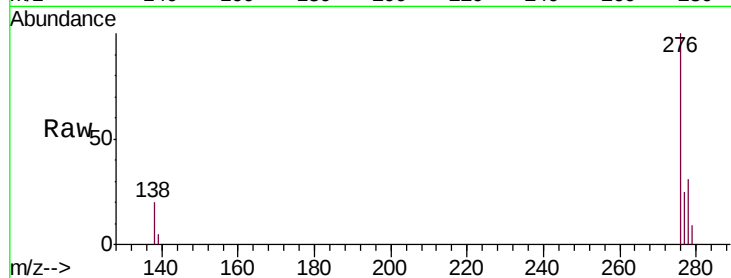




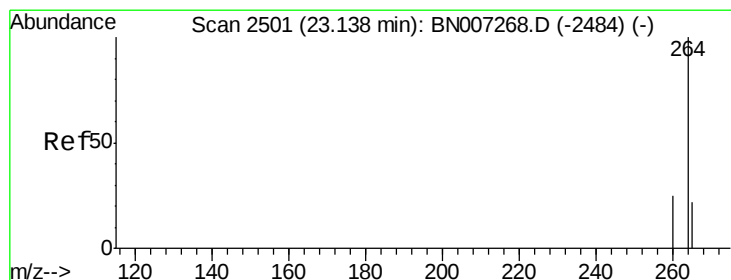
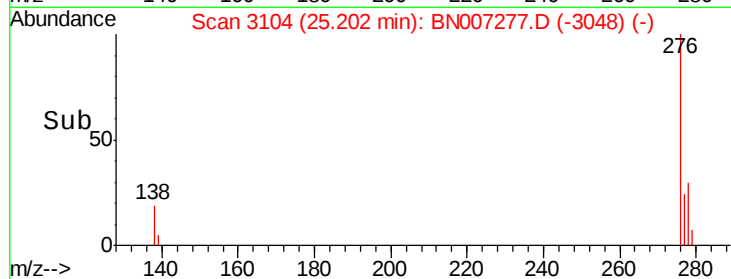
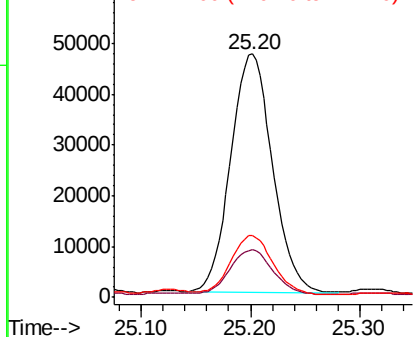
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.790 ng
RT: 25.20 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Instrument :
BNA_N
ClientSampleId :
PST-016-SW112-073119-1MS

Tgt Ion: 276 Resp: 125562
Ion Ratio Lower Upper
276 100
138 19.5 17.1 25.7
277 25.0 20.1 30.1

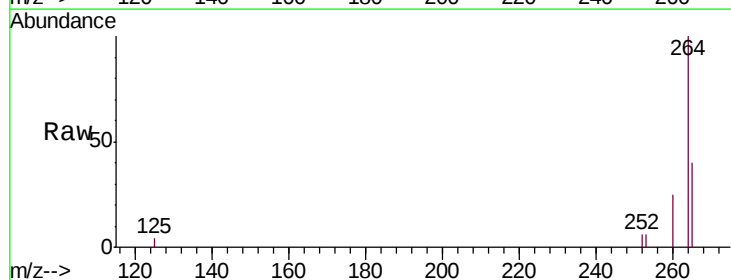


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

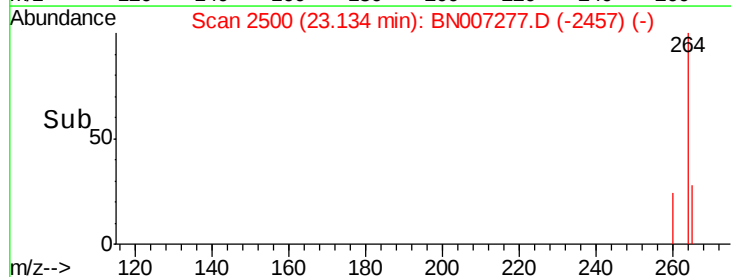
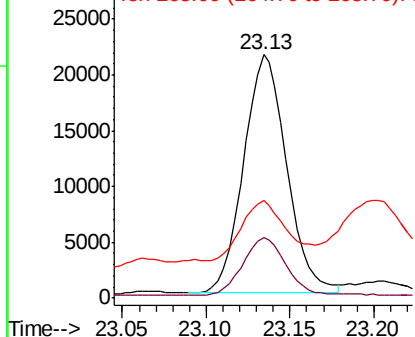


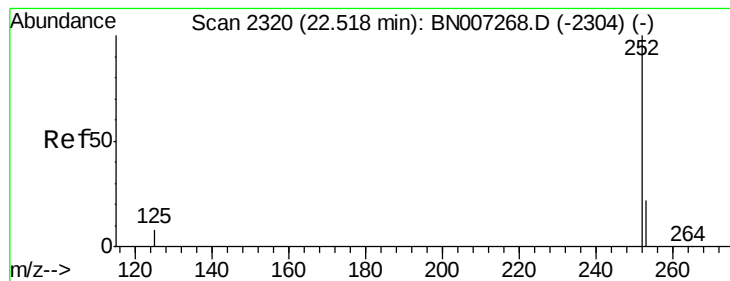
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2500
Delta R.T. -0.00 min
Lab File: BN007277.D
Acq: 21 Aug 2019 03:39

Tgt Ion: 264 Resp: 38507
Ion Ratio Lower Upper
264 100
260 24.7 20.1 30.1
265 40.1 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: 1.633 ng

RT: 22.52 min Scan# 2320

Delta R.T. 0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

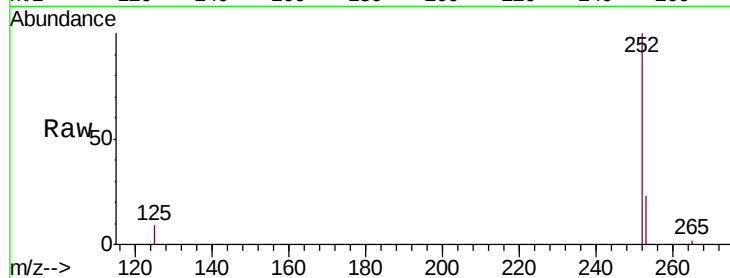
Tgt Ion:252 Resp: 234449

Ion Ratio Lower Upper

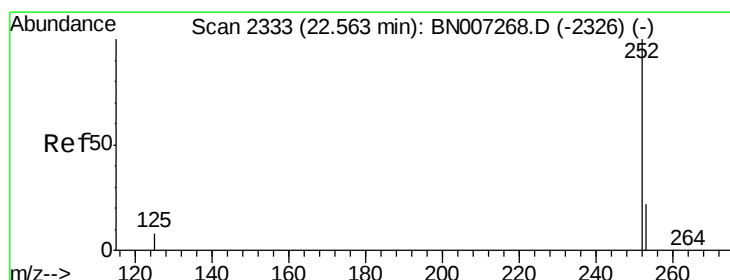
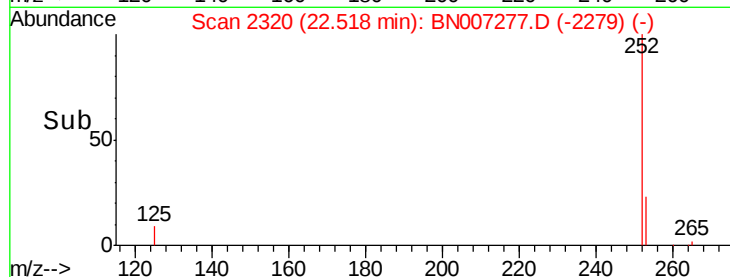
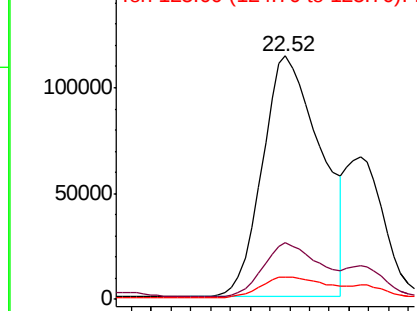
252 100

253 23.1 18.5 27.7

125 9.2 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: 1.667 ng

RT: 22.52 min Scan# 2320

Delta R.T. -0.04 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

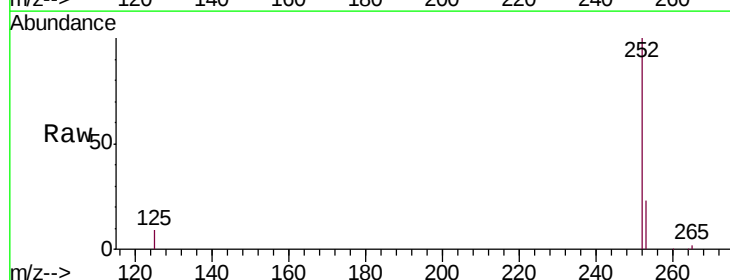
Tgt Ion:252 Resp: 234449

Ion Ratio Lower Upper

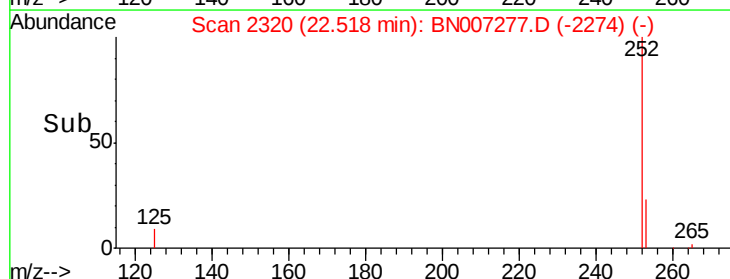
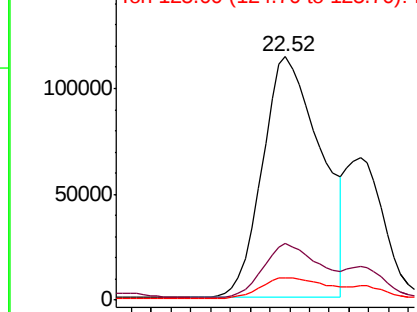
252 100

253 23.1 18.4 27.6

125 9.2 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: 1.500 ng

RT: 23.04 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS

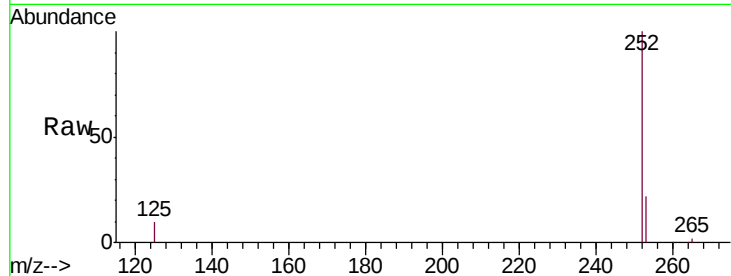
Tgt Ion:252 Resp: 194103

Ion Ratio Lower Upper

252 100

253 22.4 18.7 28.1

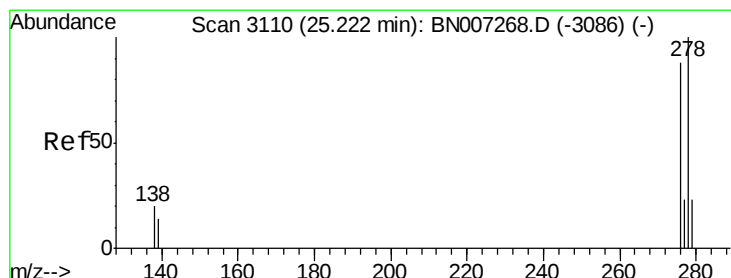
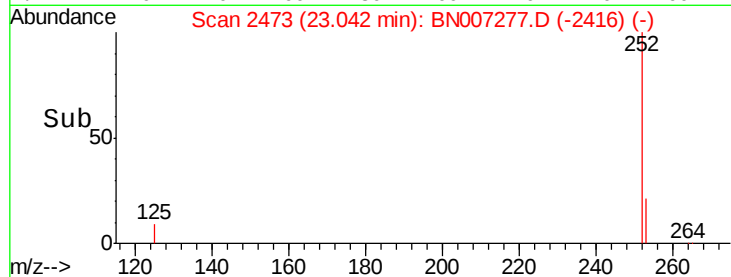
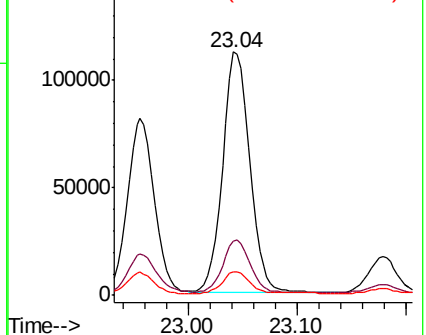
125 9.7 8.7 13.1



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: 0.381 ng

RT: 25.21 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BN007277.D

Acq: 21 Aug 2019 03:39

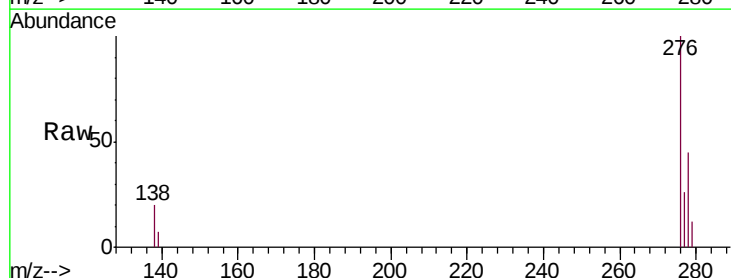
Tgt Ion:278 Resp: 51727

Ion Ratio Lower Upper

278 100

139 16.4 11.8 17.8

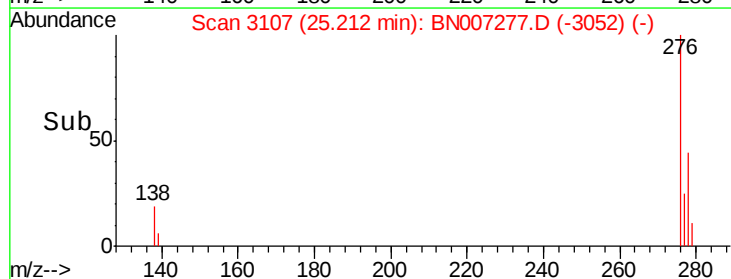
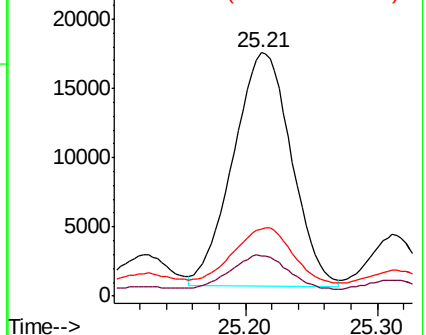
279 27.5 19.8 29.6

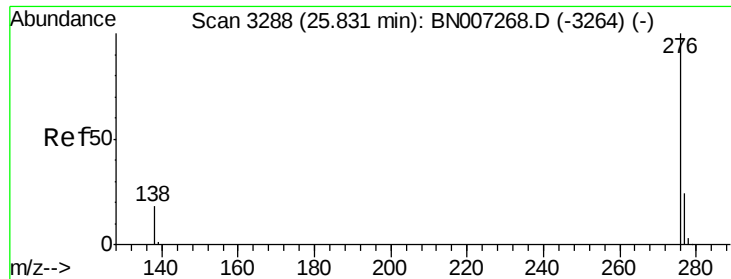


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.025 ng

RT: 25.83 min Scan# 3287

Delta R.T. -0.00 min

Lab File: BN007277.D

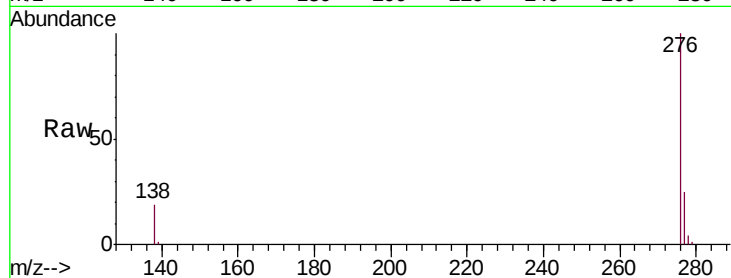
Acq: 21 Aug 2019 03:39

Instrument :

BNA_N

ClientSampleId :

PST-016-SW112-073119-1MS



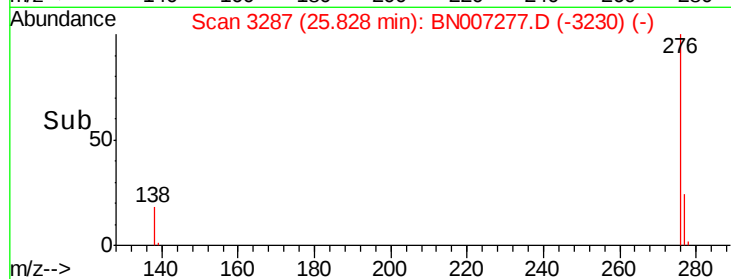
Tgt Ion: 276 Resp: 140862

Ion Ratio Lower Upper

276 100

277 24.5 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

