

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\
 Data File : BN007268.D
 Acq On : 20 Aug 2019 17:14
 Operator : HP/JU
 Sample : SSTDICC0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

Quant Time: Aug 20 18:04:38 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	5055	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	18170	0.40	ng	0.00
13) Acenaphthene-d10	14.05	164	10190	0.40	ng	0.00
19) Phenanthrene-d10	16.81	188	23866	0.40	ng	0.00
27) Chrysene-d12	21.03	240	23845	0.40	ng	0.00
34) Perylene-d12	23.14	264	25218	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	5710	0.51	ng	0.00
5) Phenol-d6	6.60	99	6775	0.44	ng	0.00
8) Nitrobenzene-d5	8.54	82	5665	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	11.77	152	12832	0.47	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	2134	0.45	ng	0.00
15) 2-Fluorobiphenyl	12.67	172	18204	0.48	ng	0.00
25) Fluoranthene-d10	18.85	212	30389	0.42	ng	0.00
29) Terphenyl-d14	19.47	244	24452	0.47	ng	0.00

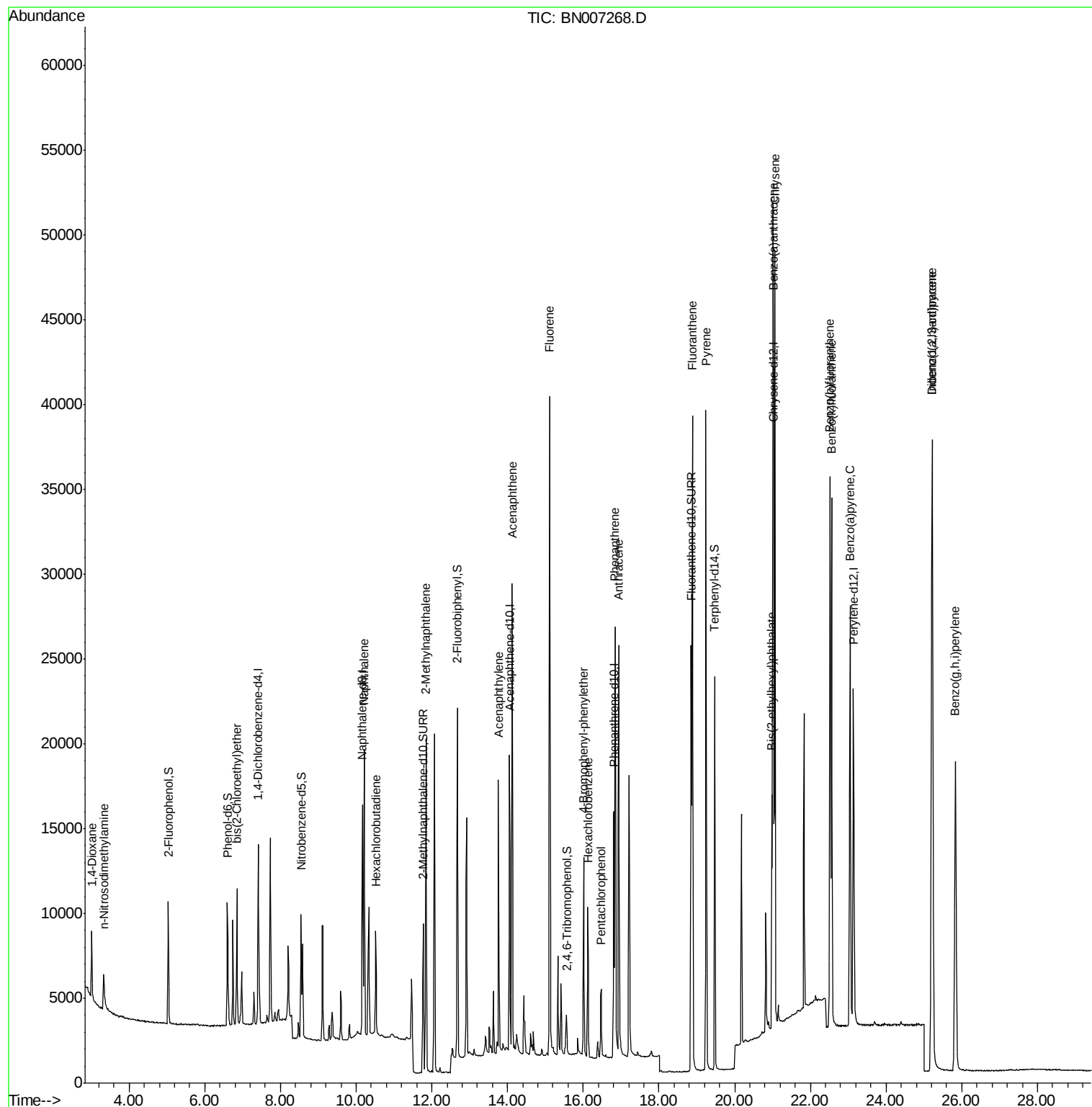
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.01	88	2879	0.347	ng	100
3) n-Nitrosodimethylamine	3.33	42	1855	0.288	ng	99
6) bis(2-Chloroethyl)ether	6.85	93	6120	0.356	ng	100
9) Naphthalene	10.22	128	21478	0.441	ng	100
10) Hexachlorobutadiene	10.52	225	4782	0.453	ng	# 100
12) 2-Methylnaphthalene	11.85	142	14568	0.468	ng	100
16) Acenaphthylene	13.77	152	21329	0.443	ng	100
17) Acenaphthene	14.12	154	14115	0.437	ng	100
18) Fluorene	15.11	166	18270	0.457	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	4599	0.341	ng	100
21) Hexachlorobenzene	16.12	284	6545	0.372	ng	100
22) Pentachlorophenol	16.47	266	2310	0.996	ng	100
23) Phenanthrene	16.84	178	30513	0.461	ng	100
24) Anthracene	16.94	178	26843	0.468	ng	100
26) Fluoranthene	18.88	202	36546	0.440	ng	100
28) Pyrene	19.24	202	36676	0.443	ng	100
30) Benzo(a)anthracene	21.02	228	35443	0.482	ng	100
31) Chrysene	21.06	228	37149	0.451	ng	100
32) Bis(2-ethylhexyl)phthalate	20.99	149	12532	0.366	ng	100
33) Indeno(1,2,3-cd)pyrene	25.21	276	44969	0.446	ng	100
35) Benzo(b)fluoranthene	22.52	252	38071	0.480	ng	100
36) Benzo(k)fluoranthene	22.56	252	38364	0.431	ng	100
37) Benzo(a)pyrene	23.05	252	33992	0.442	ng	100
38) Dibenzo(a,h)anthracene	25.22	278	36750	0.474	ng	100
39) Benzo(g,h,i)perylene	25.83	276	37128	0.457	ng	100

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

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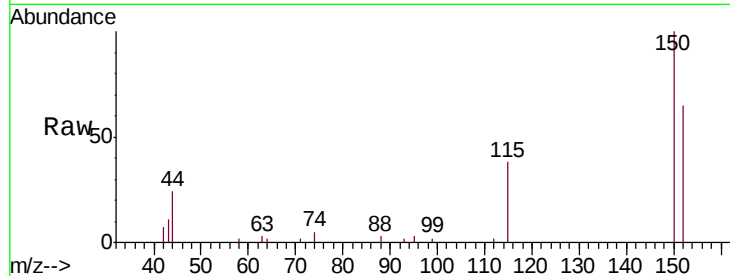


#1

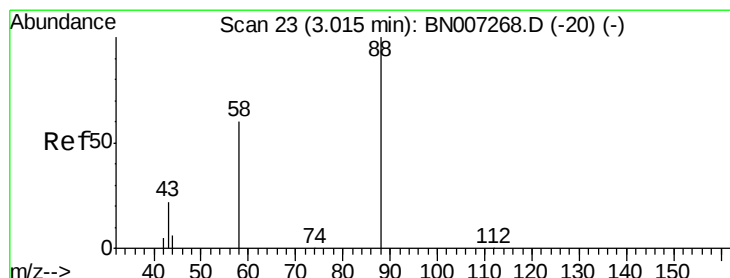
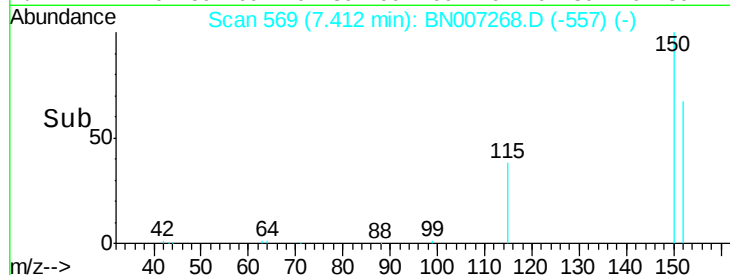
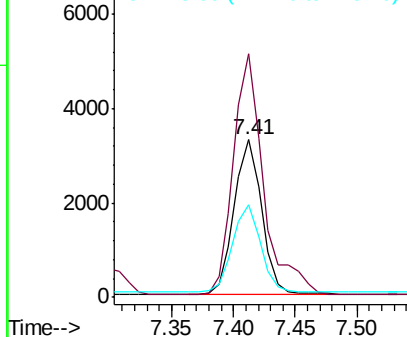
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 152 Resp: 5055
Ion Ratio Lower Upper
152 100
150 154.8 123.8 185.8
115 59.1 47.3 70.9



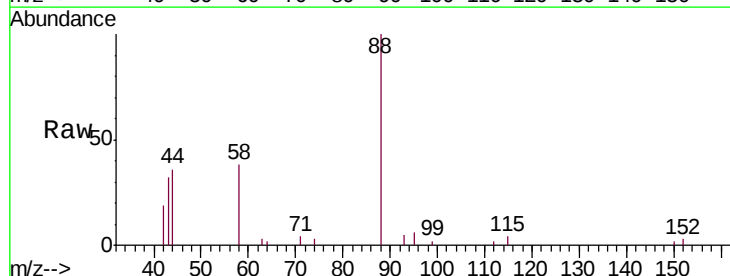
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



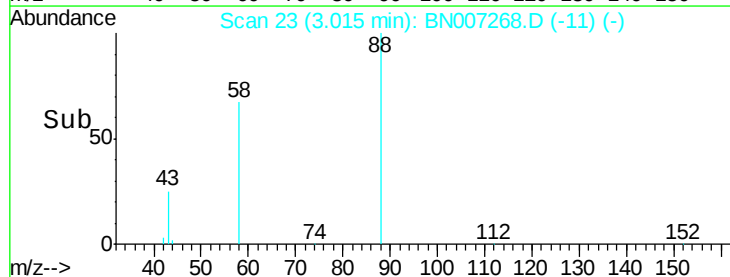
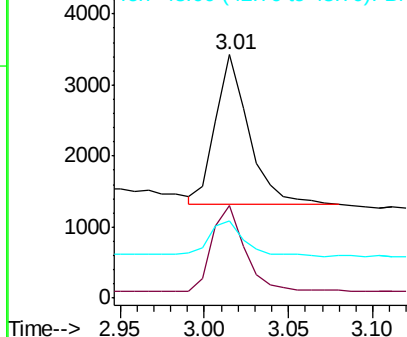
#2

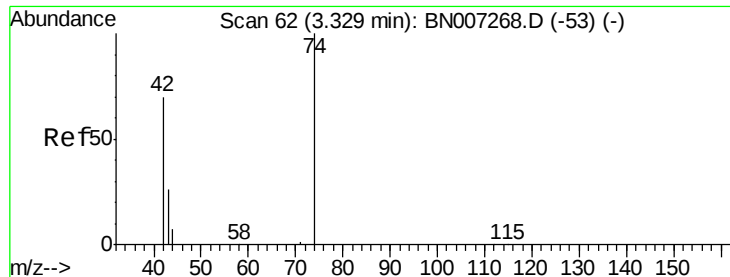
1,4-Dioxane
Concen: 0.347 ng
RT: 3.01 min Scan# 23
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Tgt Ion: 88 Resp: 2879
Ion Ratio Lower Upper
88 100
58 56.9 45.5 68.3
43 25.5 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: 0.288 ng

RT: 3.33 min Scan# 62

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

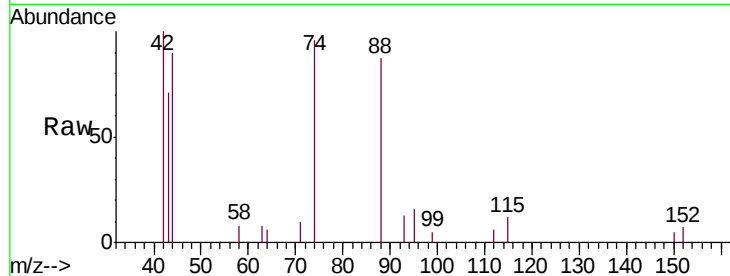
Tgt Ion: 42 Resp: 1855

Ion Ratio Lower Upper

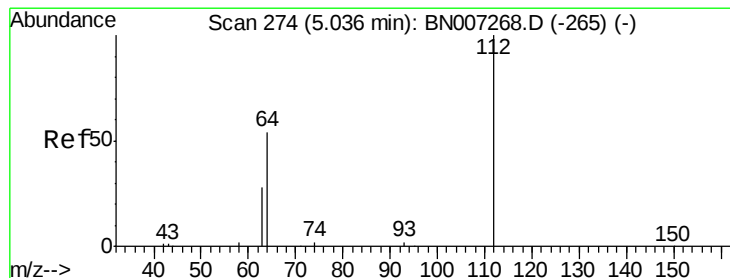
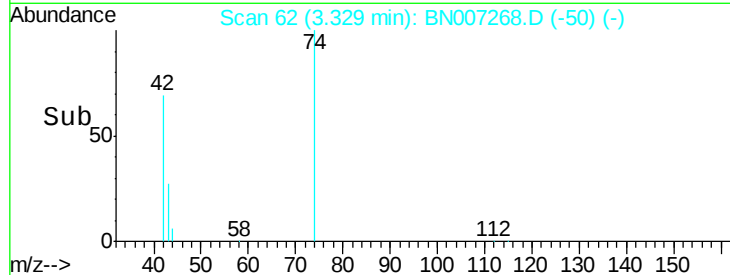
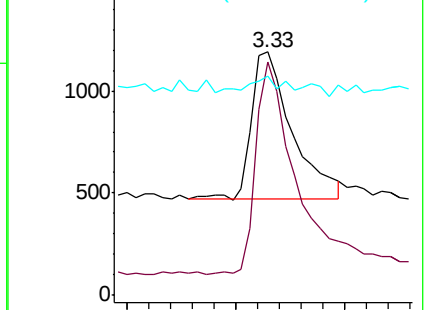
42 100

74 137.2 109.0 163.4

44 5.2 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: 0.508 ng

RT: 5.04 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

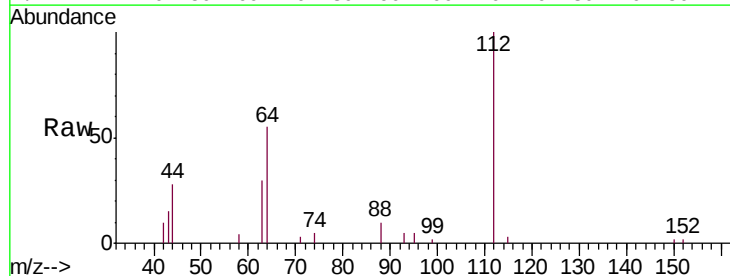
Tgt Ion: 112 Resp: 5710

Ion Ratio Lower Upper

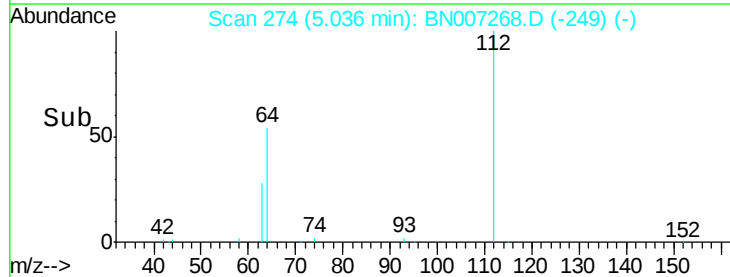
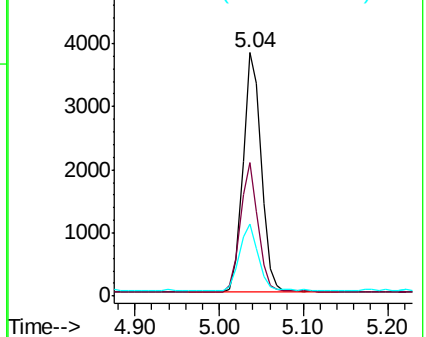
112 100

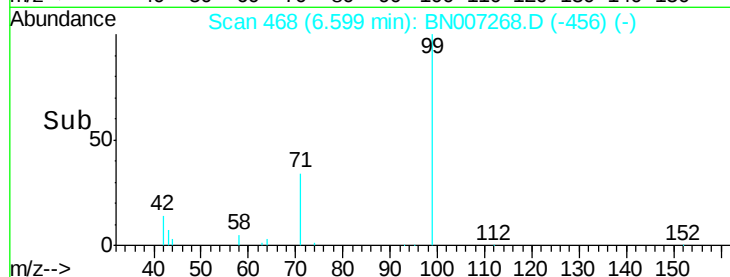
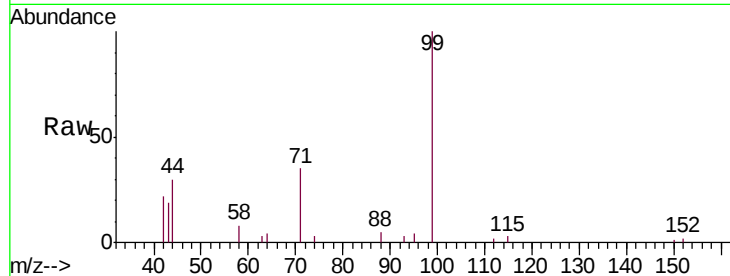
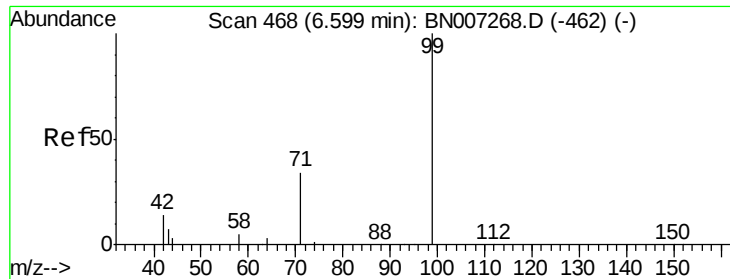
64 52.3 41.8 62.8

63 28.3 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: 0.438 ng

RT: 6.60 min Scan# 468

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

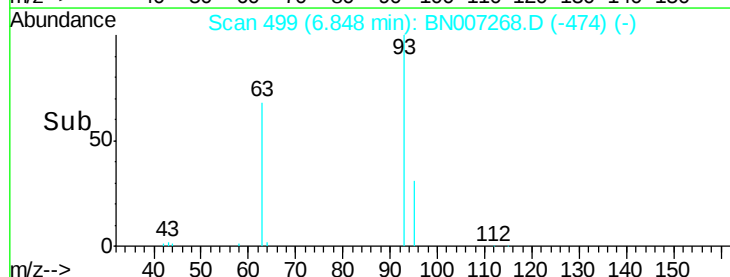
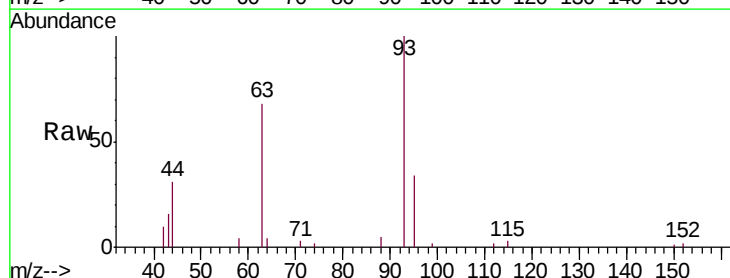
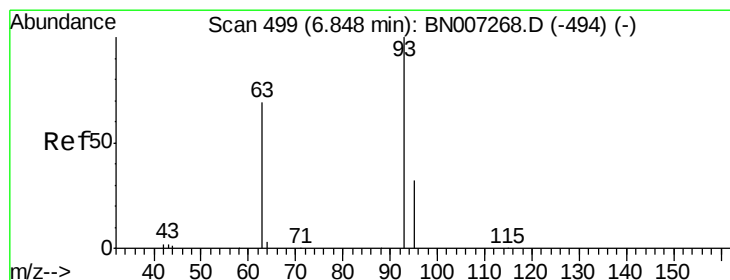
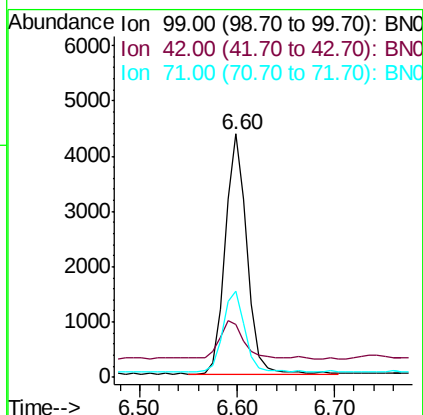
Tgt Ion: 99 Resp: 6775

Ion Ratio Lower Upper

99 100

42 16.9 14.3 21.5

71 34.1 27.3 40.9



#6

bis(2-Chloroethyl)ether

Concen: 0.356 ng

RT: 6.85 min Scan# 499

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

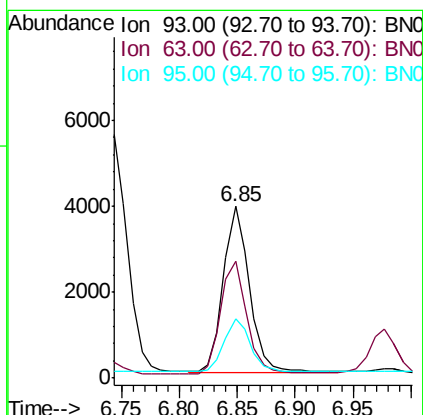
Tgt Ion: 93 Resp: 6120

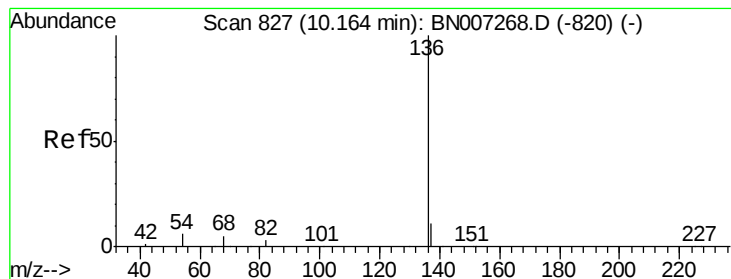
Ion Ratio Lower Upper

93 100

63 68.0 54.4 81.6

95 31.9 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: BN007268.D

Acq: 20 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tgt Ion:136 Resp: 18170

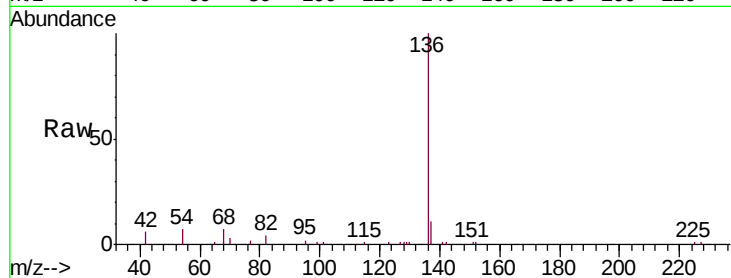
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 7.4 5.9 8.9

68 7.0 5.6 8.4

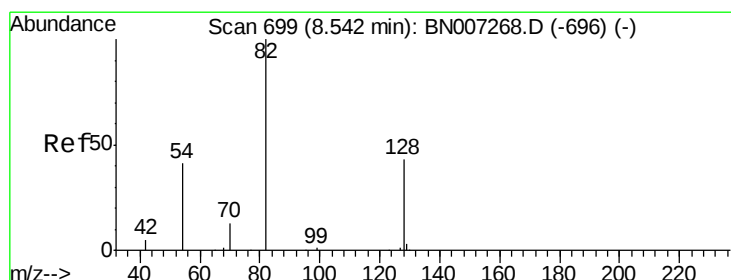
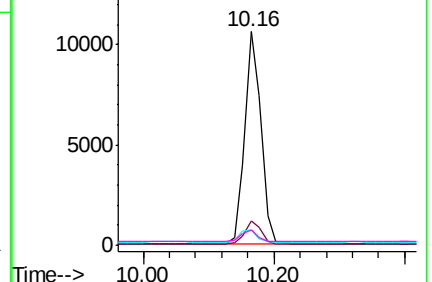
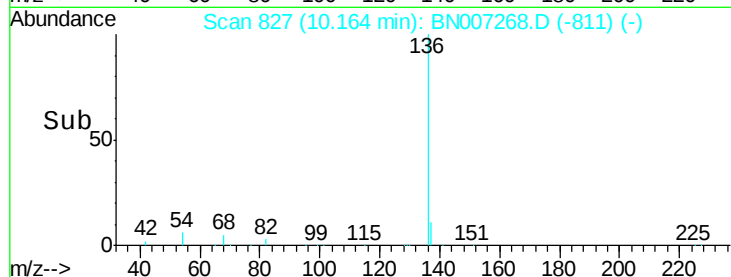


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.457 ng

RT: 8.54 min Scan# 699

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

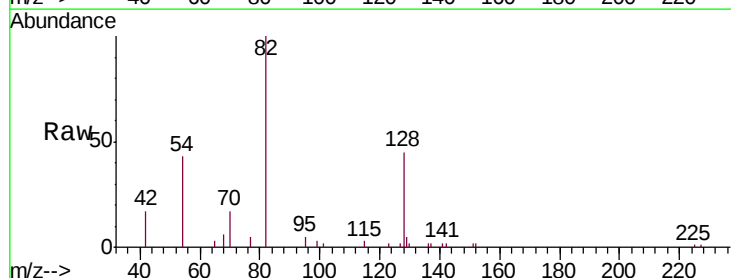
Tgt Ion: 82 Resp: 5665

Ion Ratio Lower Upper

82 100

128 44.7 35.8 53.6

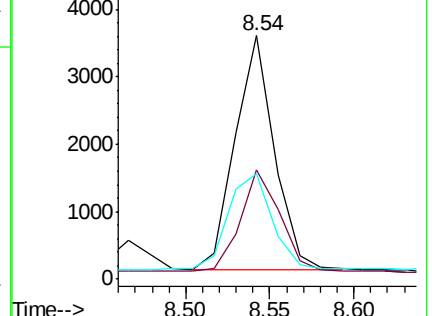
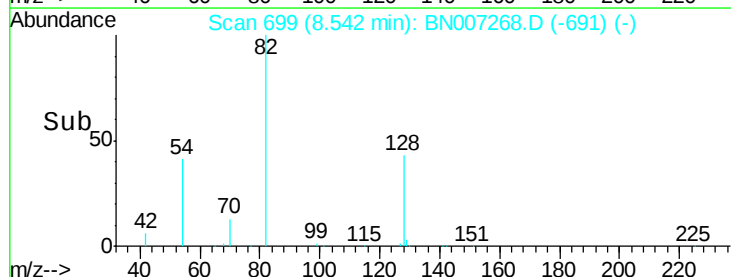
54 43.4 34.7 52.1

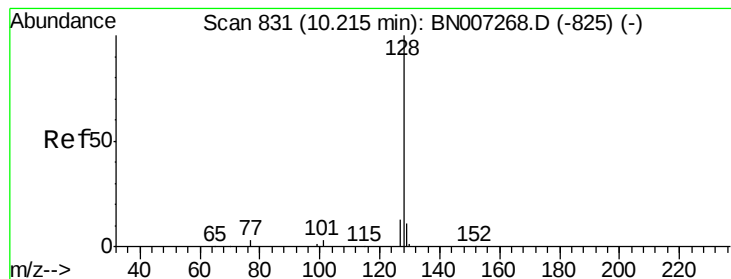


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.441 ng

RT: 10.22 min Scan# 831

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

Instrument :

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ClientSampleId :

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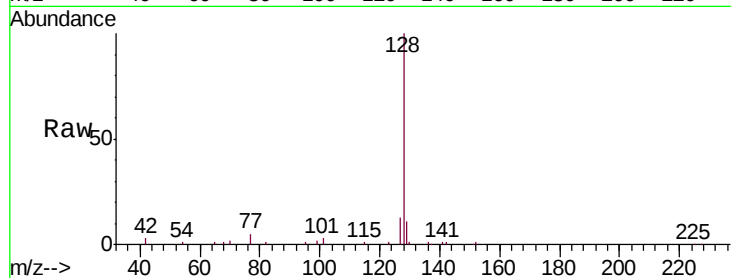
Tgt Ion:128 Resp: 21478

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

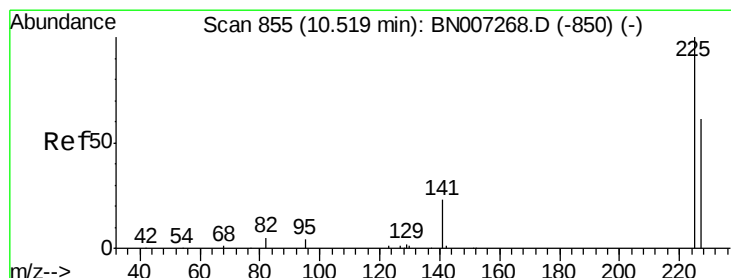
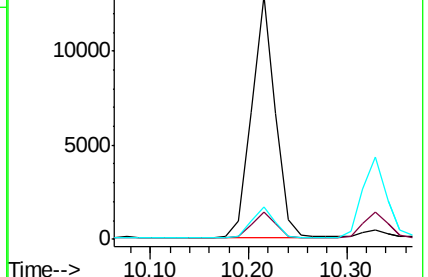
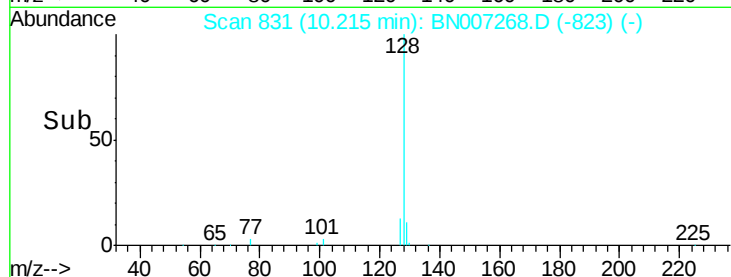
127 13.3 10.6 16.0



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: 0.453 ng

RT: 10.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

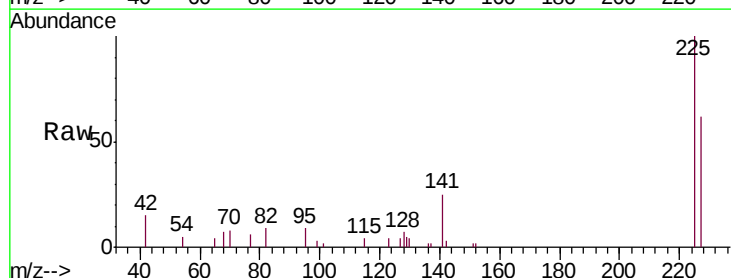
Tgt Ion:225 Resp: 4782

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

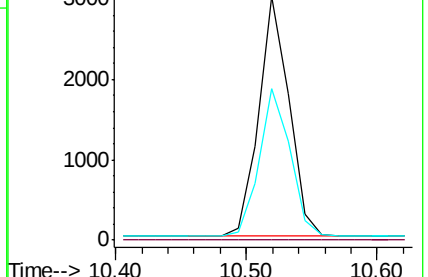
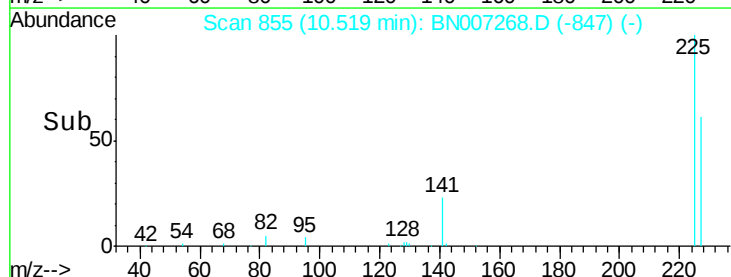
227 62.7 50.2 75.2

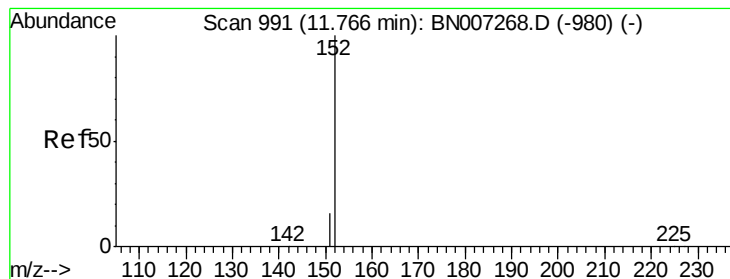


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.473 ng

RT: 11.77 min Scan# 991

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

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ClientSampleId :

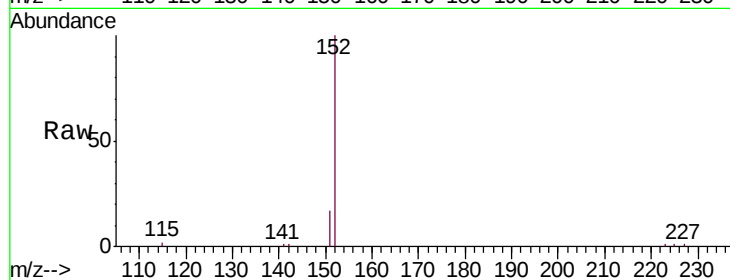
SSTDICCC0.4

Tgt Ion:152 Resp: 12832

Ion Ratio Lower Upper

152 100

151 19.0 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

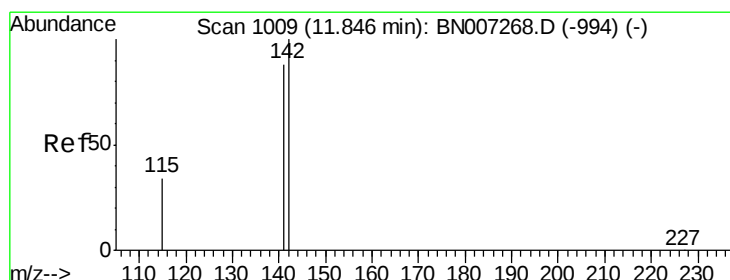
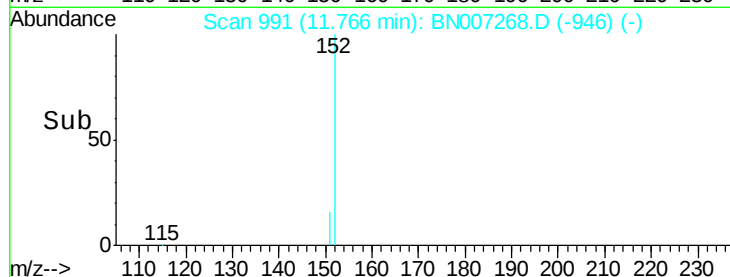
4000

2000

0

Time-->

11.70 11.80



#12

2-Methylnaphthalene

Concen: 0.468 ng

RT: 11.85 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

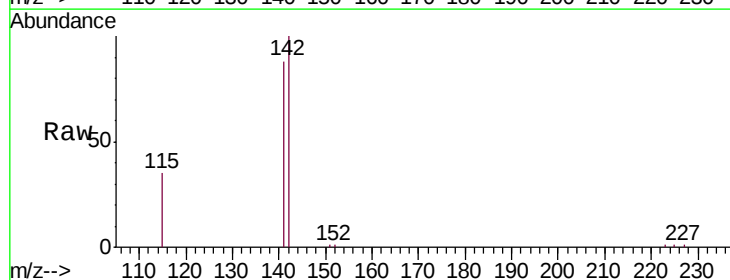
Tgt Ion:142 Resp: 14568

Ion Ratio Lower Upper

142 100

141 88.4 70.7 106.1

115 35.1 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

11.85

12000

10000

8000

6000

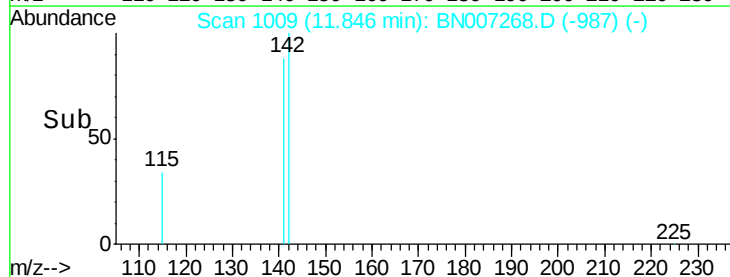
4000

2000

0

Time-->

11.70 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

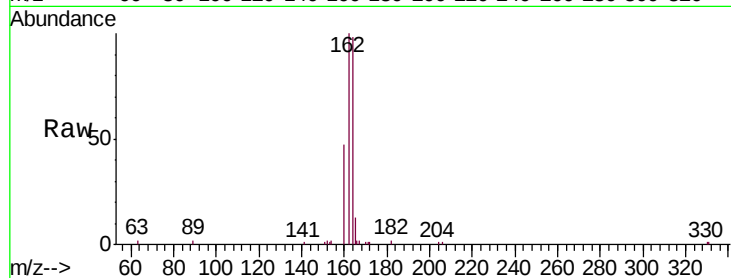
Tgt Ion:164 Resp: 10190

Ion Ratio Lower Upper

164 100

162 102.5 82.0 123.0

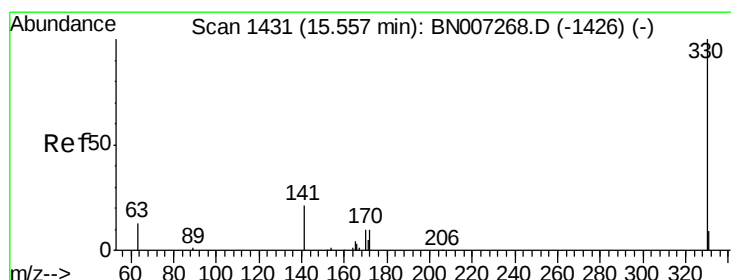
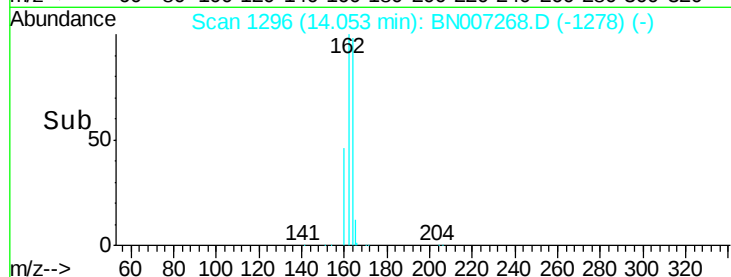
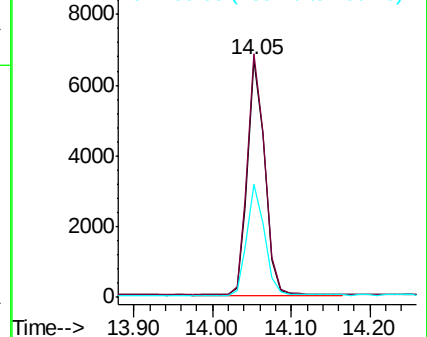
160 47.8 38.2 57.4



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: 0.449 ng

RT: 15.56 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

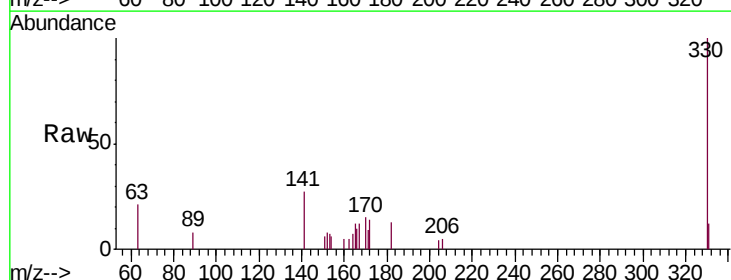
Tgt Ion:330 Resp: 2134

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

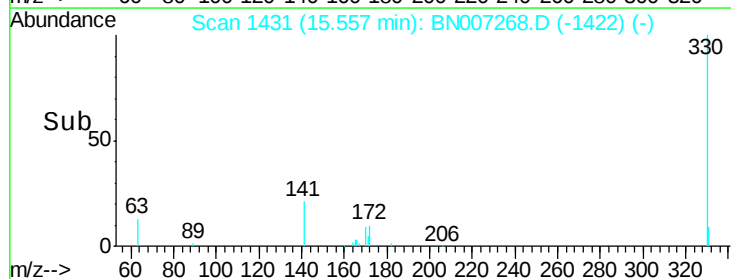
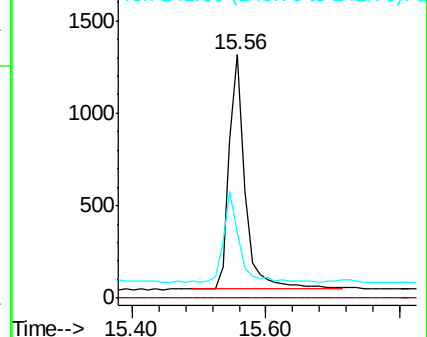
141 37.8 30.3 45.5

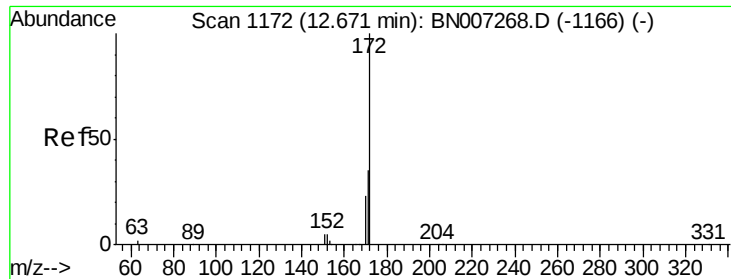


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

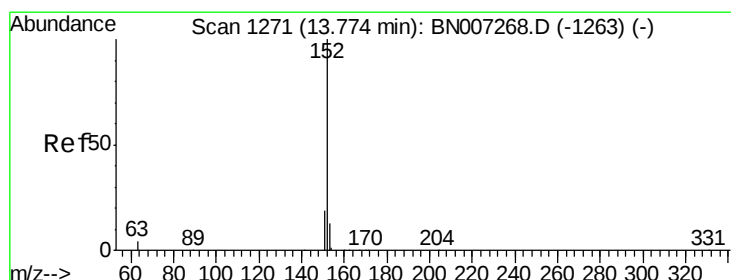
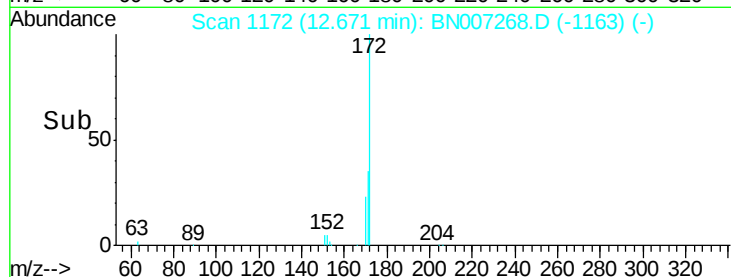
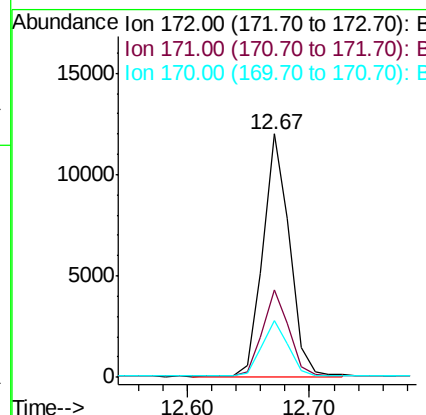
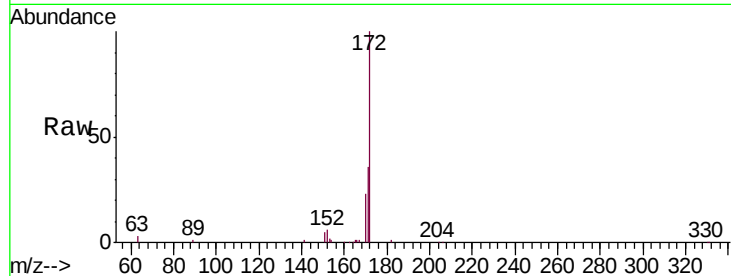




#15
2-Fluorobiphenyl
Concen: 0.480 ng
RT: 12.67 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

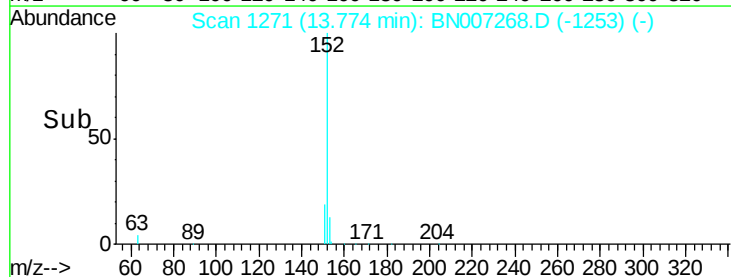
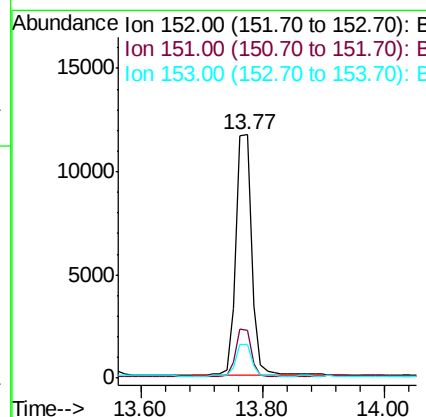
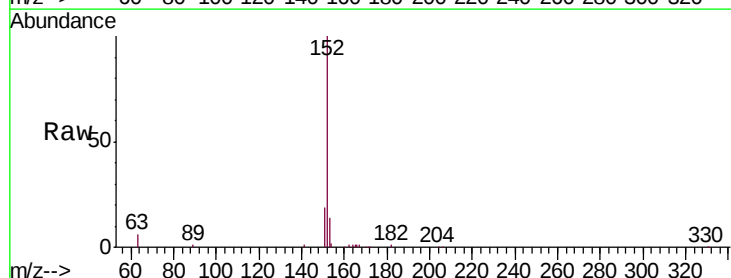
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

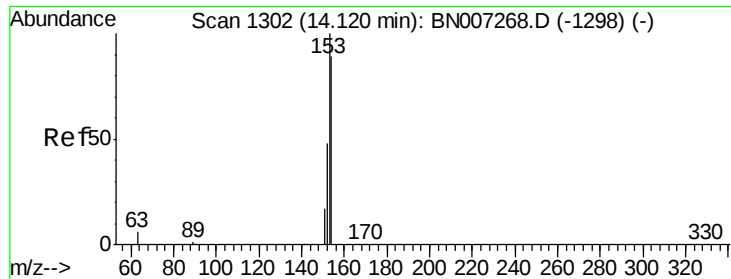
Tgt Ion:172 Resp: 18204
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.4 18.7 28.1



#16
Acenaphthylene
Concen: 0.443 ng
RT: 13.77 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Tgt Ion:152 Resp: 21329
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2
153 12.6 10.1 15.1





#17

Acenaphthene

Concen: 0.437 ng

RT: 14.12 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

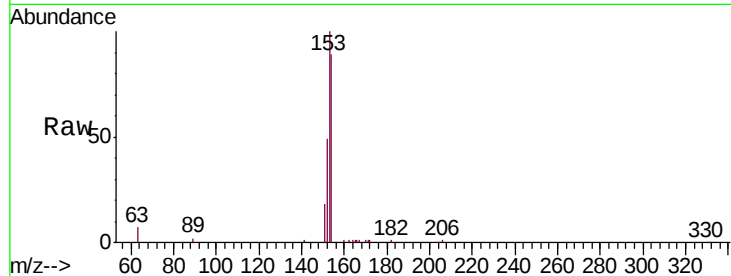
Tgt Ion:154 Resp: 14115

Ion Ratio Lower Upper

154 100

153 112.4 89.9 134.9

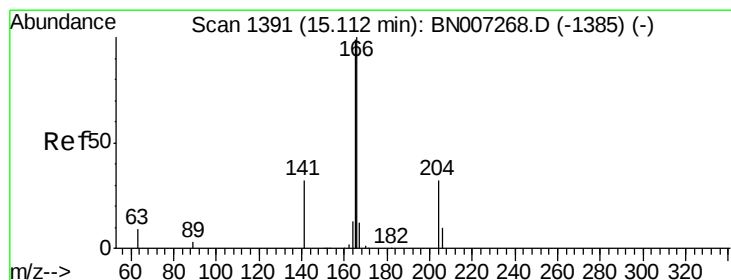
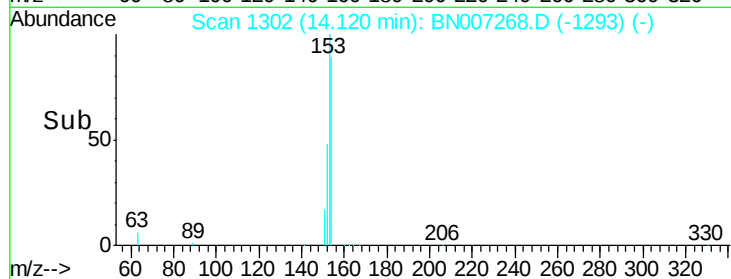
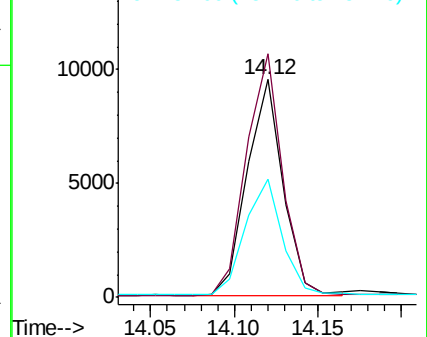
152 54.9 43.9 65.9



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: 0.457 ng

RT: 15.11 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

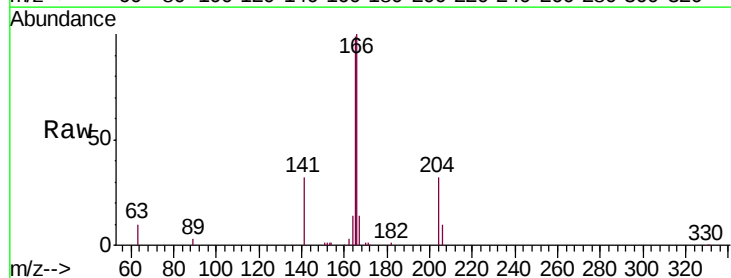
Tgt Ion:166 Resp: 18270

Ion Ratio Lower Upper

166 100

165 97.9 78.3 117.5

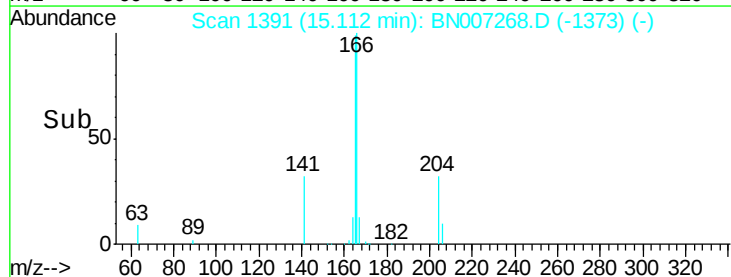
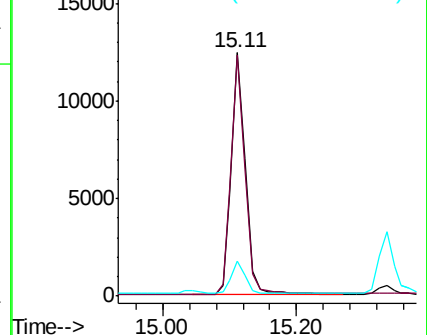
167 13.9 11.1 16.7

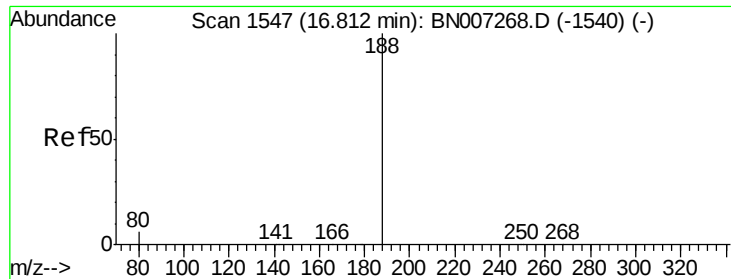


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.81 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

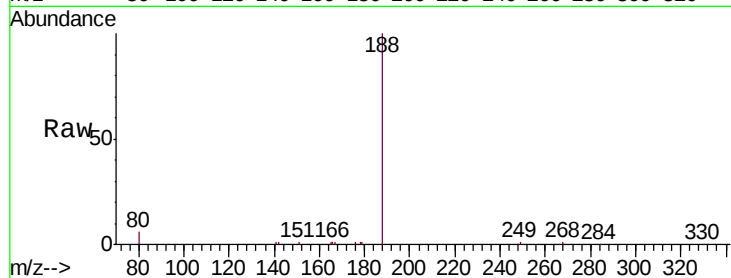
Tgt Ion:188 Resp: 23866

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

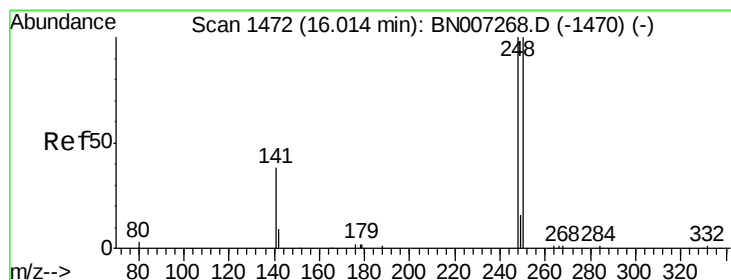
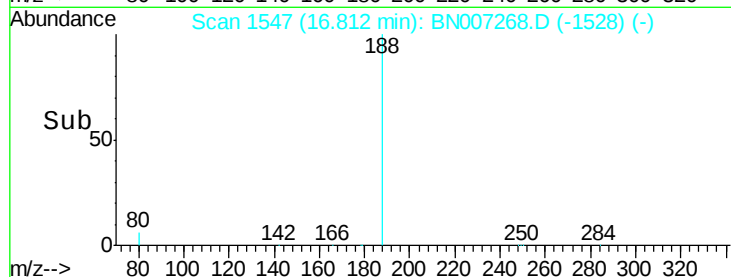
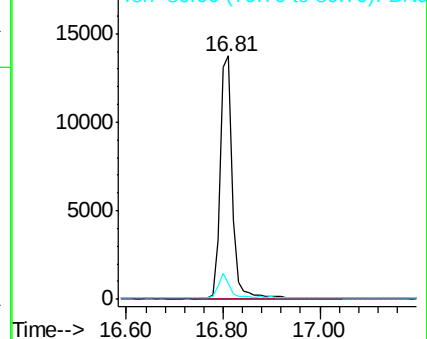
80 6.5 5.2 7.8



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: 0.341 ng

RT: 16.01 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

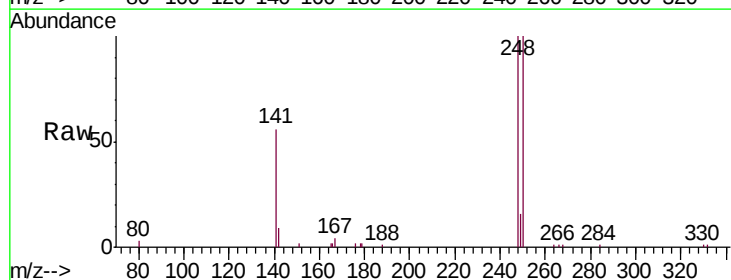
Tgt Ion:248 Resp: 4599

Ion Ratio Lower Upper

248 100

250 99.5 79.6 119.4

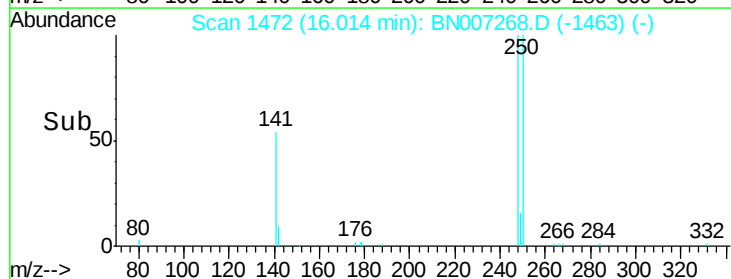
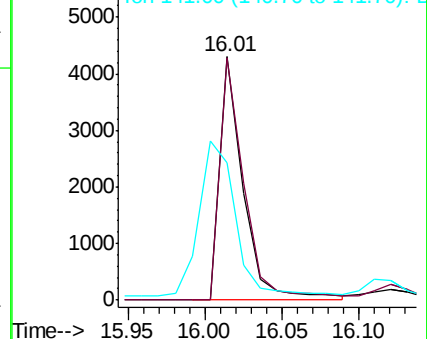
141 56.4 45.1 67.7



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

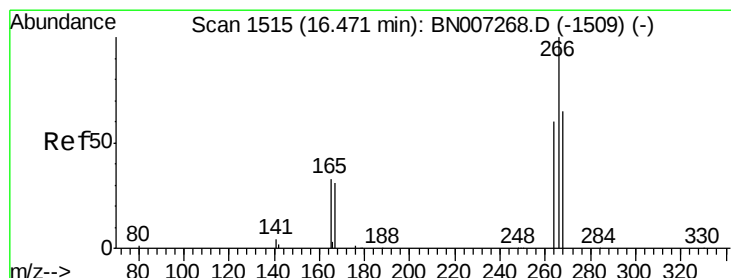
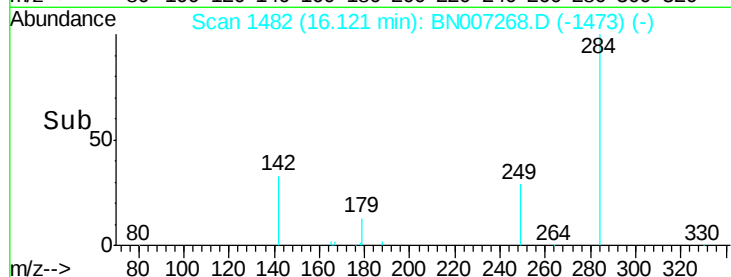
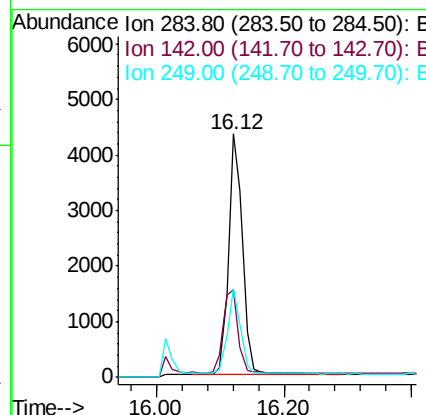
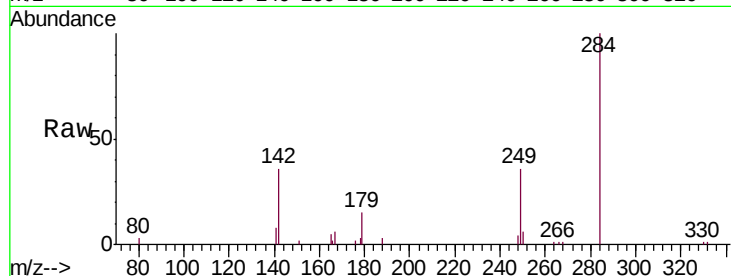




#21
Hexachlorobenzene
Concen: 0.372 ng
RT: 16.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

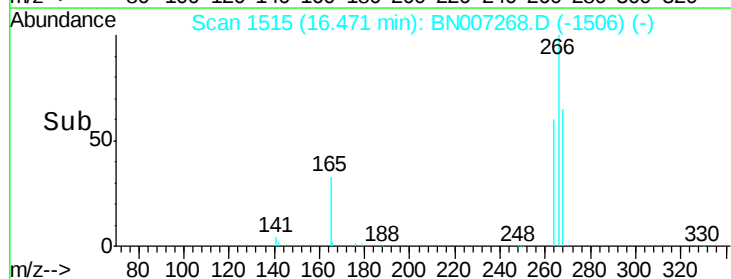
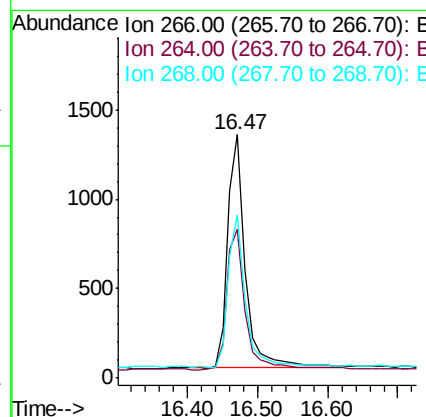
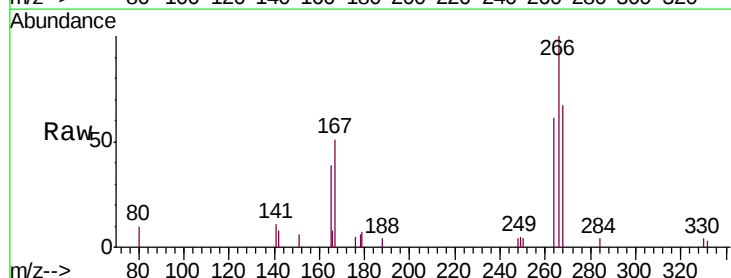
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

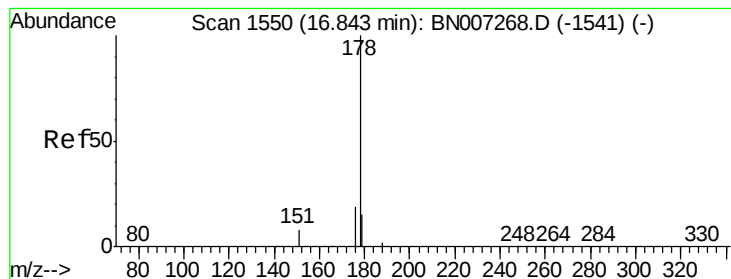
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.9	29.5	44.3
249	32.8	26.2	39.4



#22
Pentachlorophenol
Concen: 0.996 ng
RT: 16.47 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.9	48.7	73.1
268	66.9	53.5	80.3





#23

Phenanthrene

Concen: 0.461 ng

RT: 16.84 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

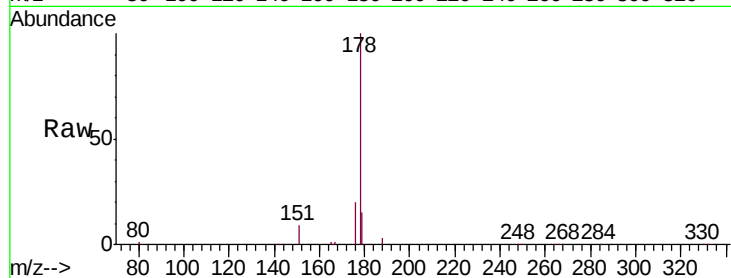
Tgt Ion:178 Resp: 30513

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

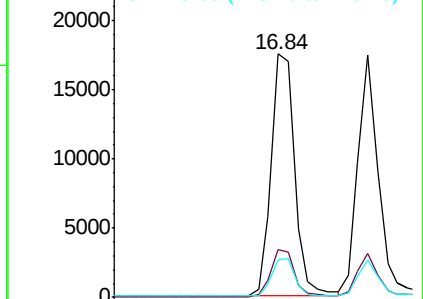
179 15.4 12.3 18.5



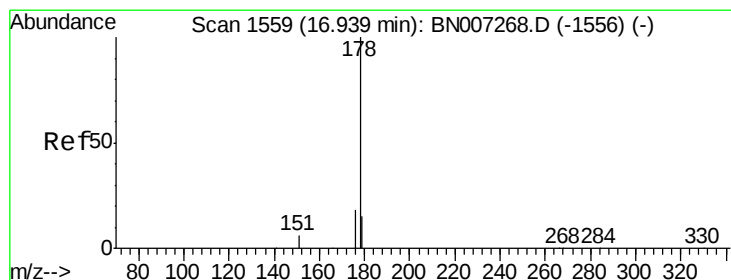
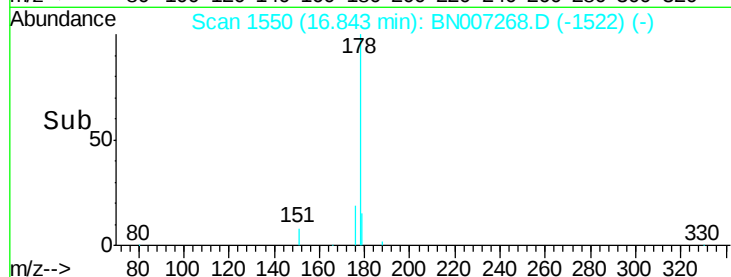
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.468 ng

RT: 16.94 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

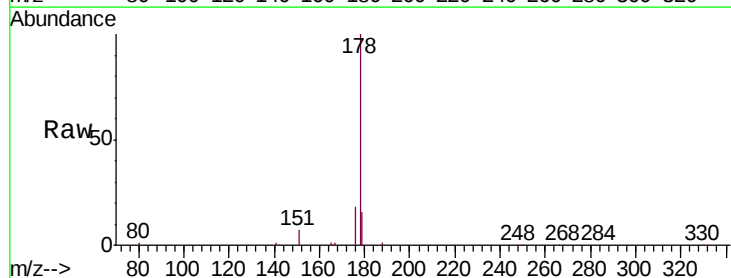
Tgt Ion:178 Resp: 26843

Ion Ratio Lower Upper

178 100

176 17.9 14.3 21.5

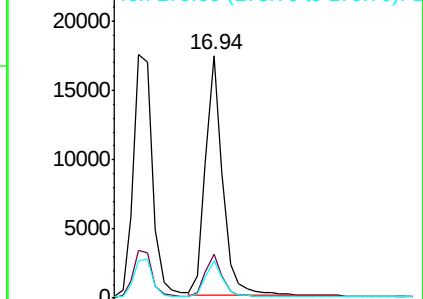
179 15.4 12.3 18.5



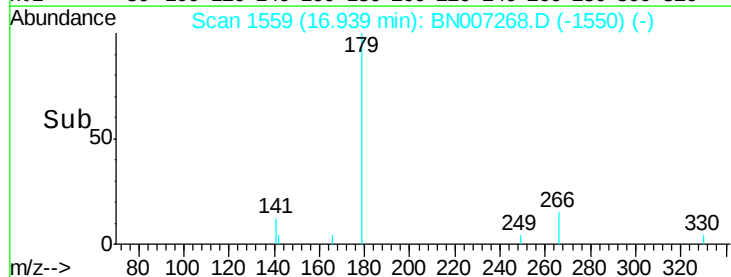
Abundance Ion 178.00 (177.70 to 178.70): E

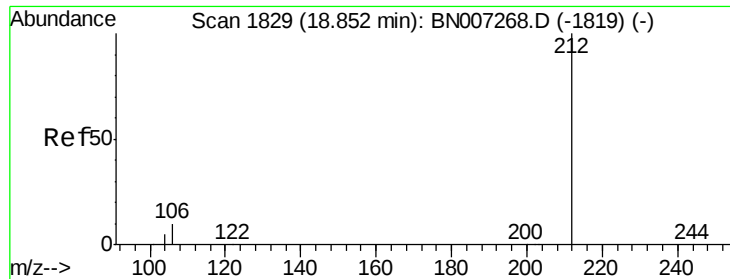
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.422 ng

RT: 18.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

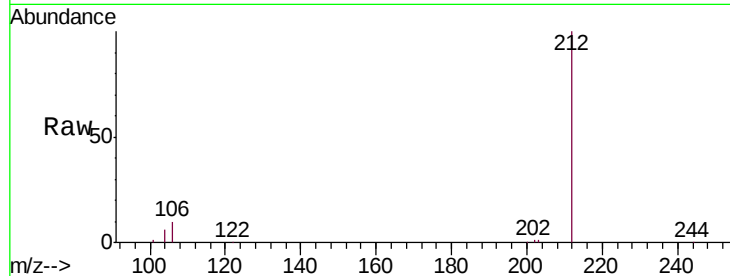
Tgt Ion:212 Resp: 30389

Ion Ratio Lower Upper

212 100

106 10.3 8.2 12.4

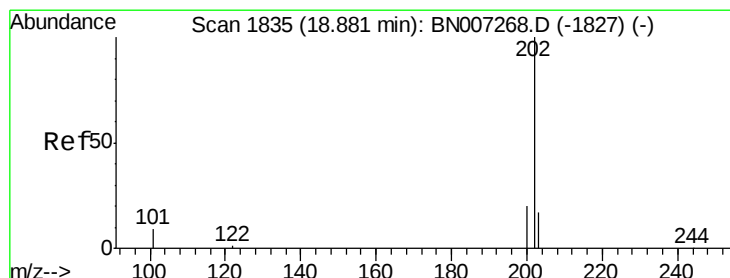
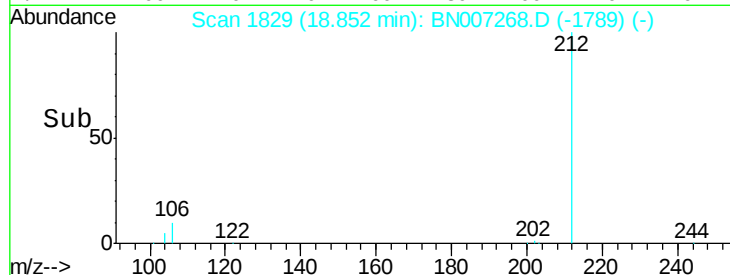
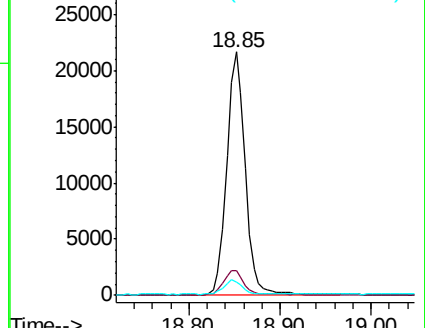
104 5.9 4.7 7.1



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: 0.440 ng

RT: 18.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

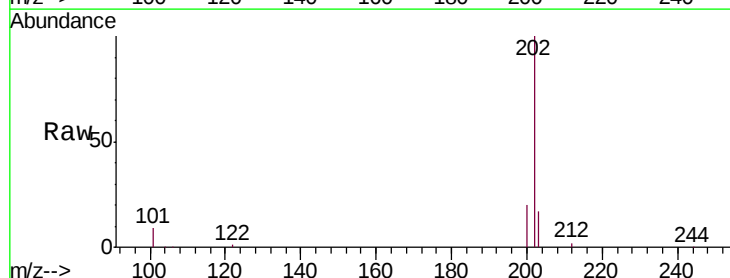
Tgt Ion:202 Resp: 36546

Ion Ratio Lower Upper

202 100

101 9.0 7.2 10.8

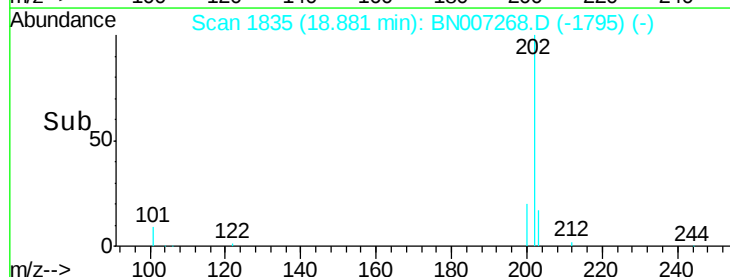
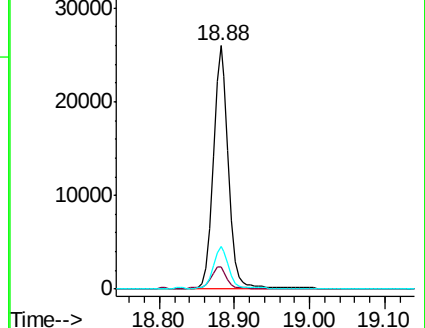
203 17.2 13.8 20.6



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: BN007268.D

Acq: 20 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

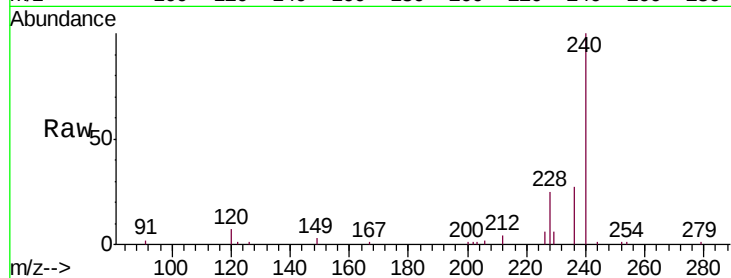
Tgt Ion:240 Resp: 23845

Ion Ratio Lower Upper

240 100

120 7.0 5.6 8.4

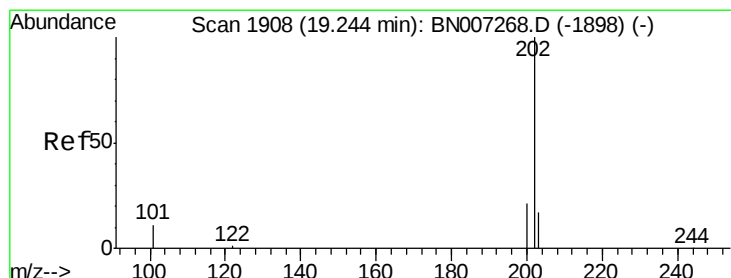
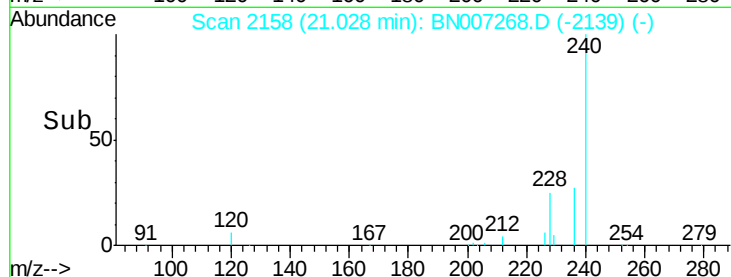
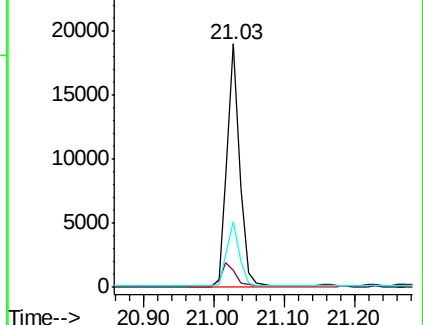
236 27.0 21.6 32.4



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: 0.443 ng

RT: 19.24 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

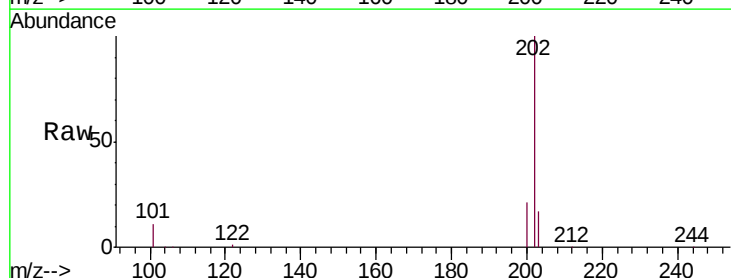
Tgt Ion:202 Resp: 36676

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

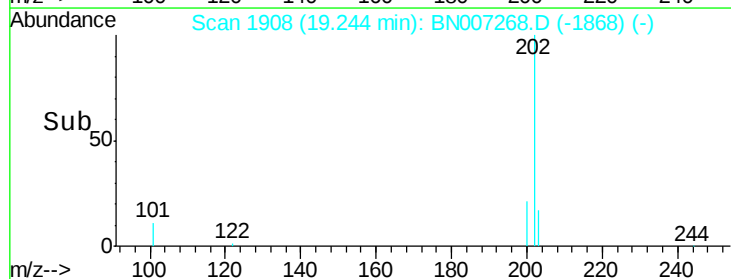
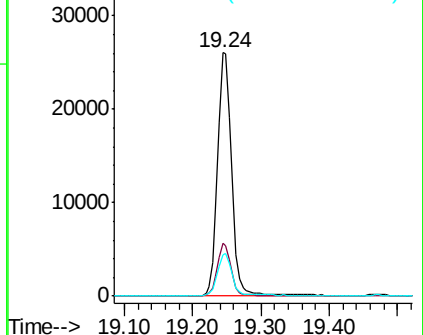
203 17.4 13.9 20.9



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: 0.465 ng

RT: 19.47 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

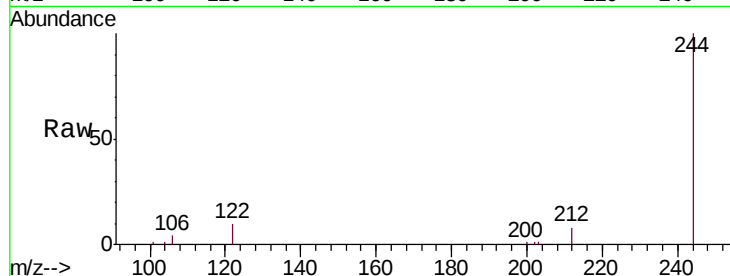
Tgt Ion:244 Resp: 24452

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

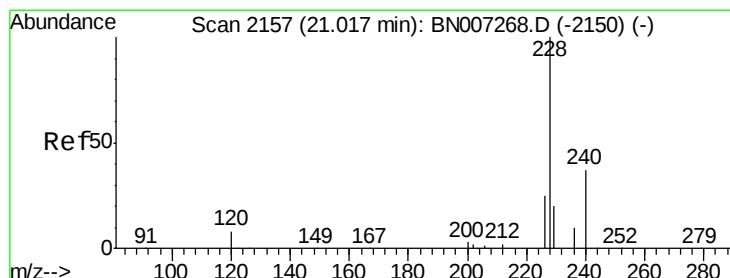
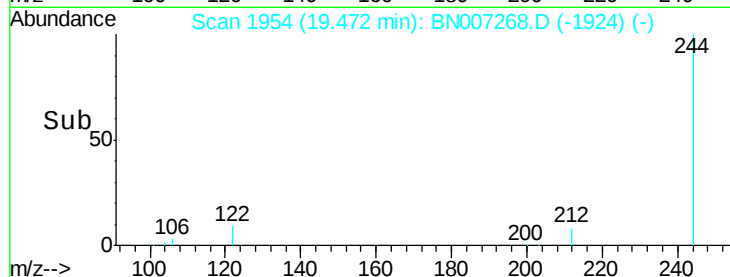
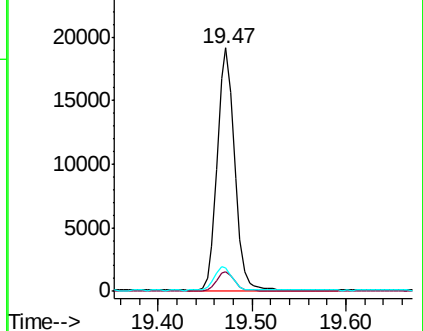
122 9.9 7.9 11.9



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: 0.482 ng

RT: 21.02 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

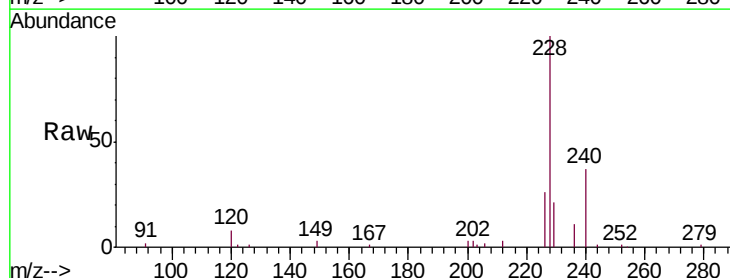
Tgt Ion:228 Resp: 35443

Ion Ratio Lower Upper

228 100

226 25.7 20.6 30.8

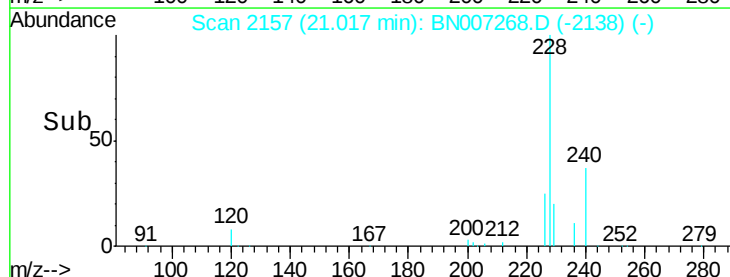
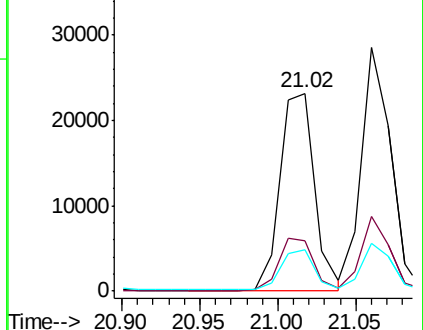
229 21.1 16.9 25.3

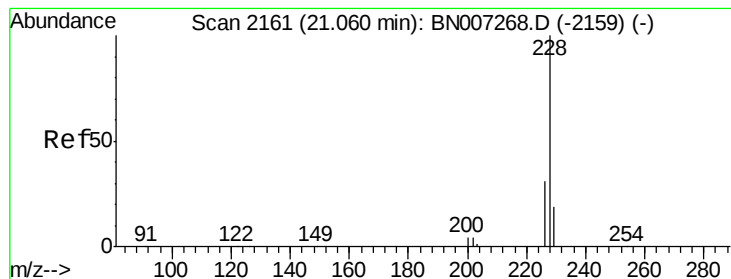


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.451 ng

RT: 21.06 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

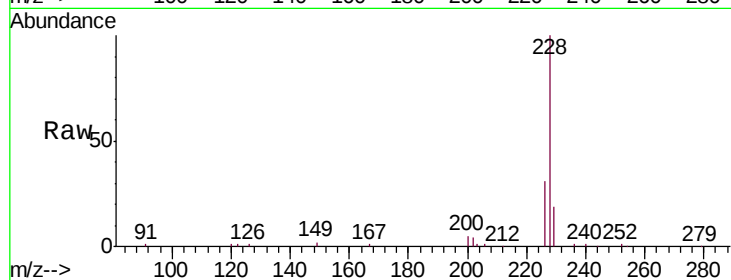
Tgt Ion:228 Resp: 37149

Ion Ratio Lower Upper

228 100

226 30.7 24.6 36.8

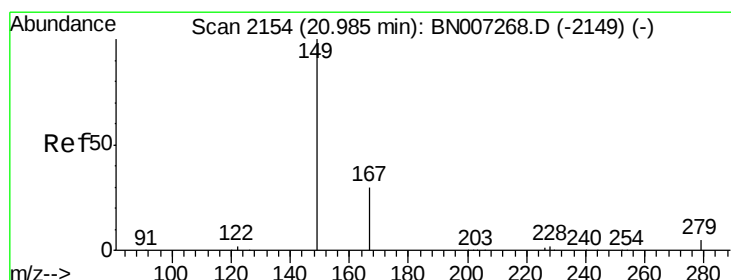
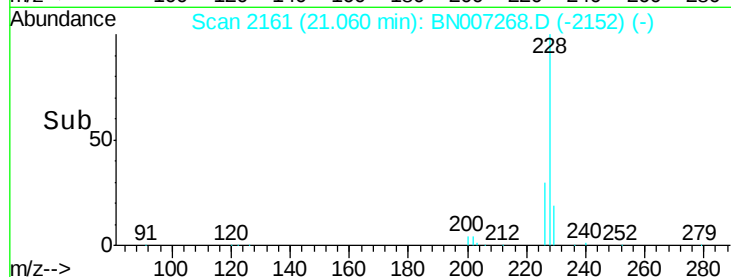
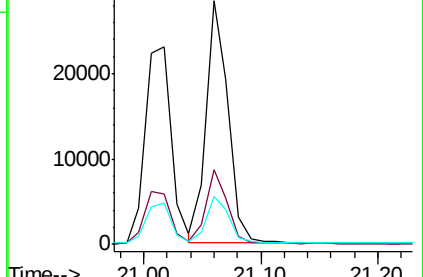
229 19.5 15.6 23.4



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: 0.366 ng

RT: 20.99 min Scan# 2154

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

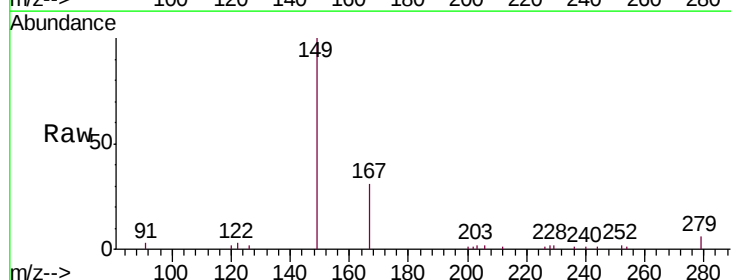
Tgt Ion:149 Resp: 12532

Ion Ratio Lower Upper

149 100

167 29.7 23.8 35.6

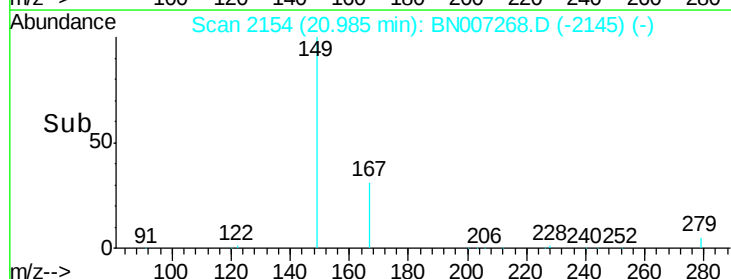
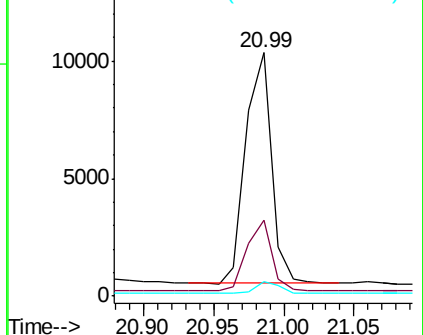
279 4.8 3.8 5.8

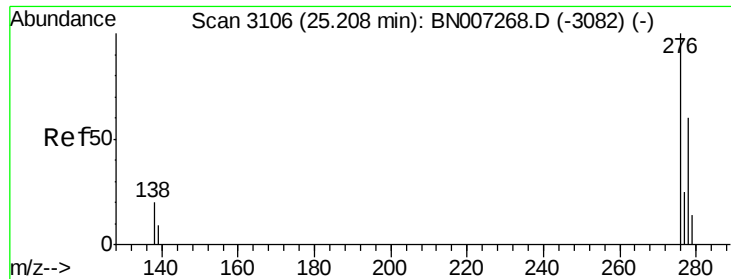


Abundance Ion 149.00 (148.70 to 149.70): E

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# 3106

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

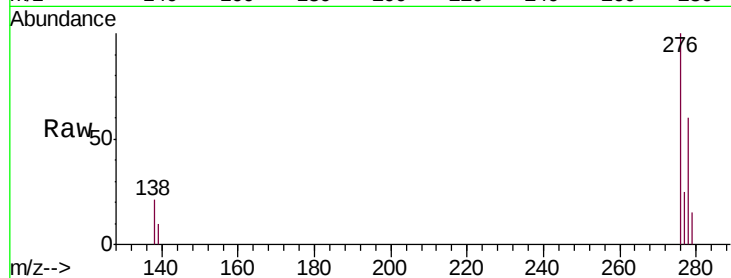
Tgt Ion:276 Resp: 44969

Ion Ratio Lower Upper

276 100

138 21.4 17.1 25.7

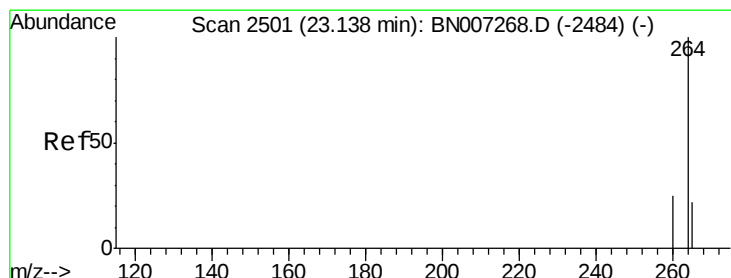
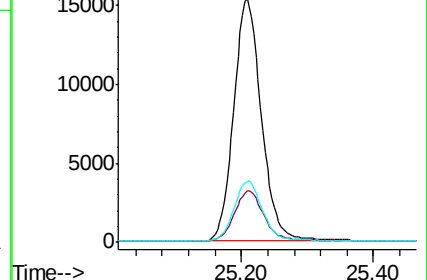
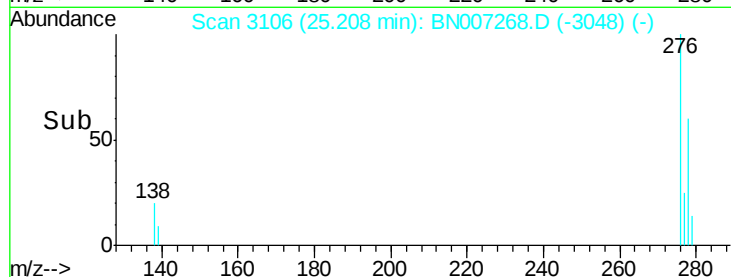
277 25.1 20.1 30.1



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# 2501

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

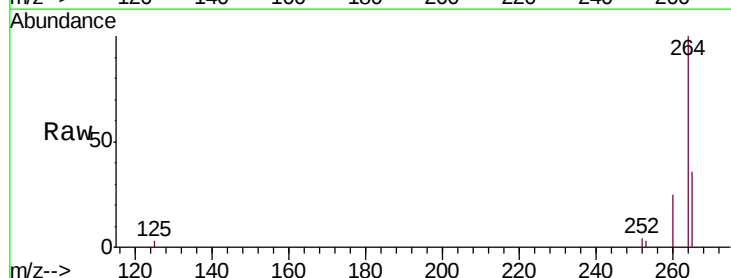
Tgt Ion:264 Resp: 25218

Ion Ratio Lower Upper

264 100

260 25.1 20.1 30.1

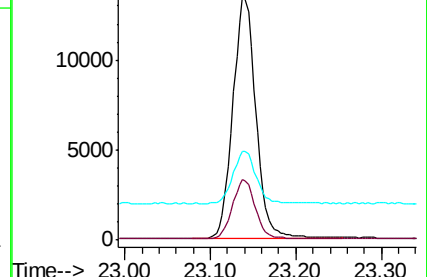
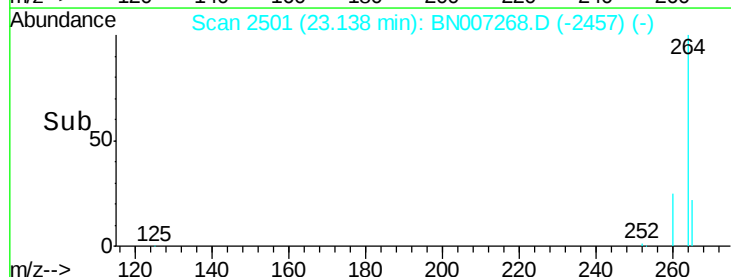
265 36.3 29.0 43.6

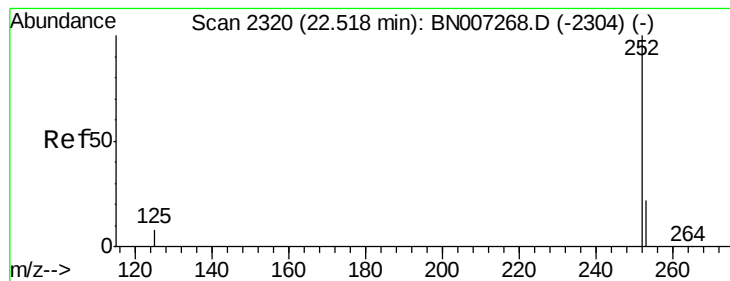


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.480 ng

RT: 22.52 min Scan# 2320

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

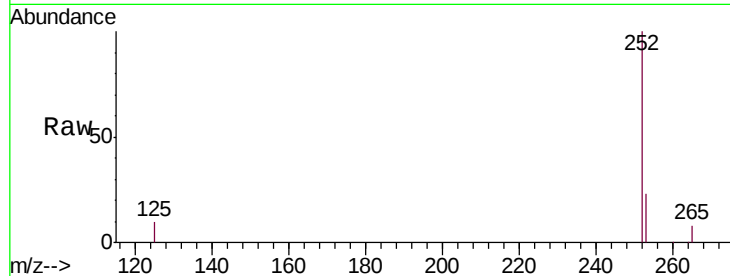
Tgt Ion:252 Resp: 38071

Ion Ratio Lower Upper

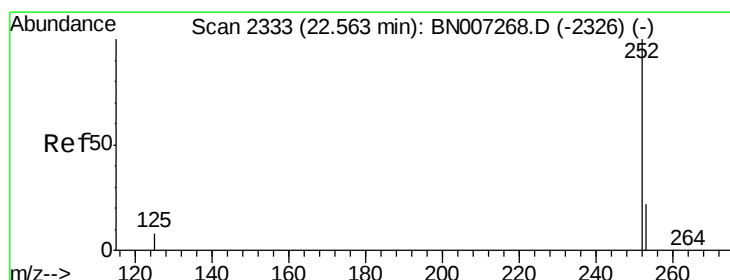
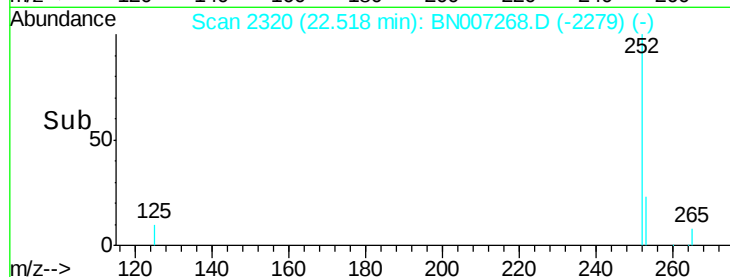
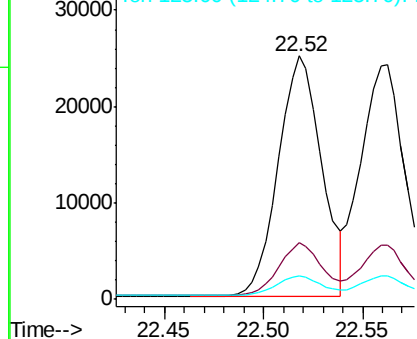
252 100

253 23.1 18.5 27.7

125 9.7 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: 0.431 ng

RT: 22.56 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

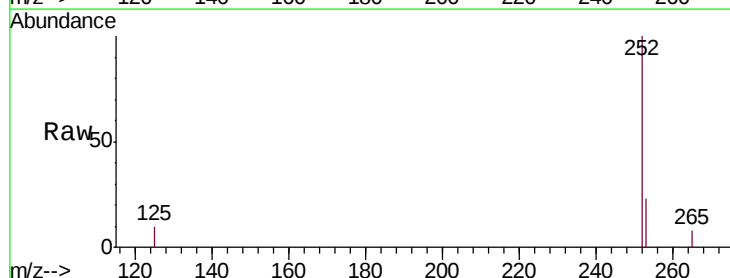
Tgt Ion:252 Resp: 38364

Ion Ratio Lower Upper

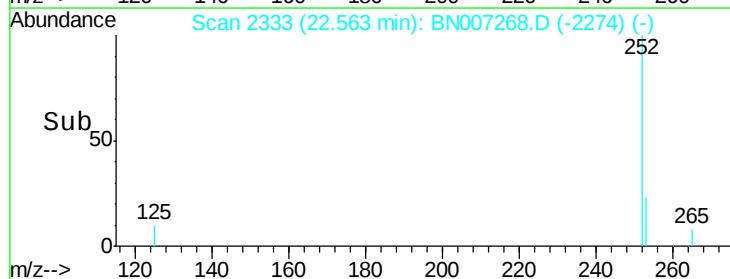
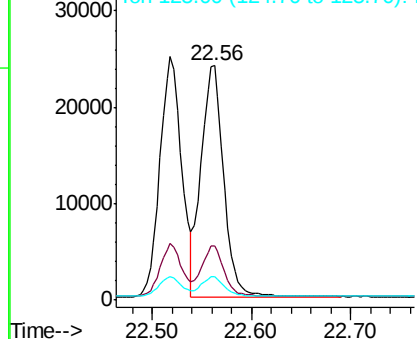
252 100

253 23.0 18.4 27.6

125 10.0 8.0 12.0



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





#37

Benzo(a)pyrene

Concen: 0.442 ng

RT: 23.05 min Scan# 2474

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

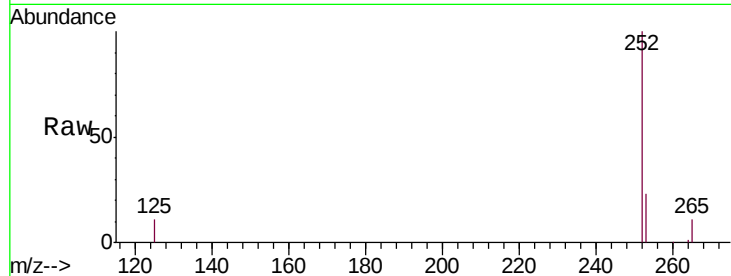
Tgt Ion:252 Resp: 33992

Ion Ratio Lower Upper

252 100

253 23.4 18.7 28.1

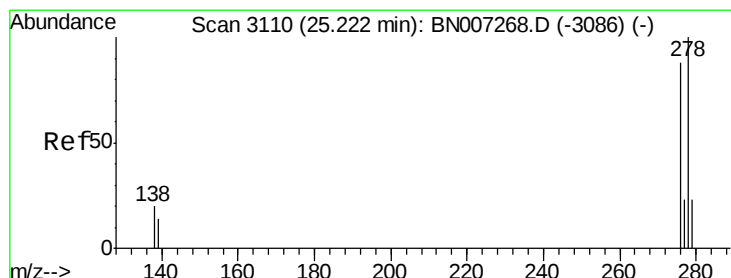
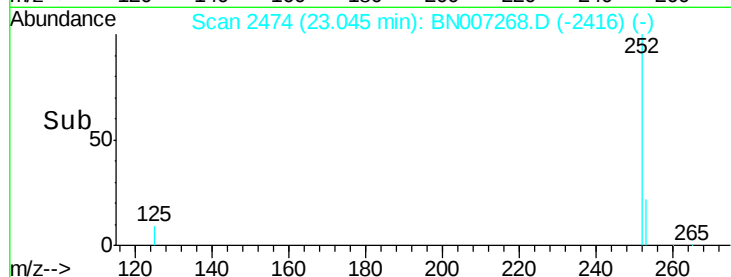
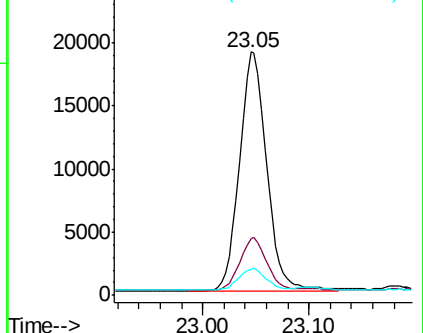
125 10.9 8.7 13.1



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: 0.474 ng

RT: 25.22 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BN007268.D

Acq: 20 Aug 2019 17:14

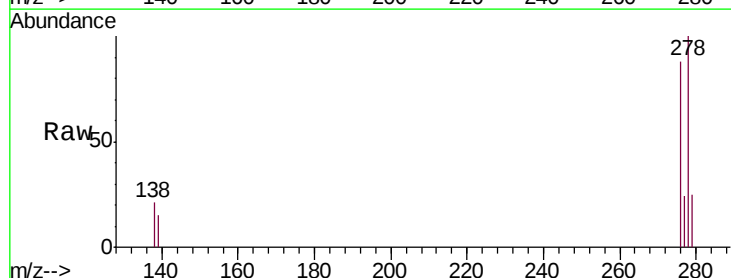
Tgt Ion:278 Resp: 36750

Ion Ratio Lower Upper

278 100

139 14.8 11.8 17.8

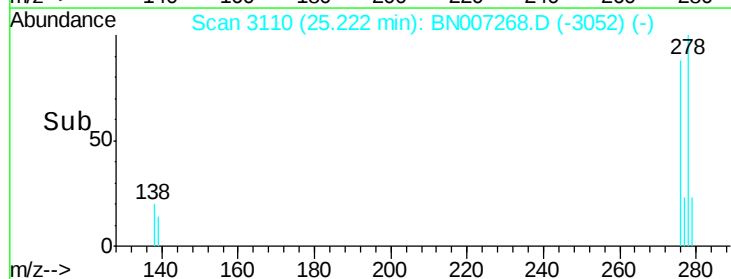
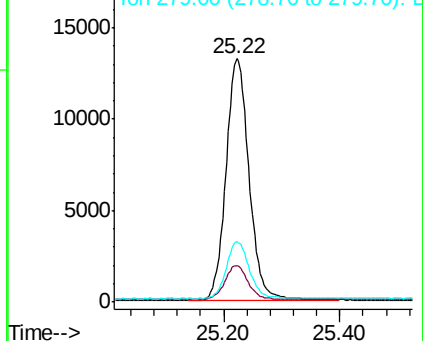
279 24.7 19.8 29.6

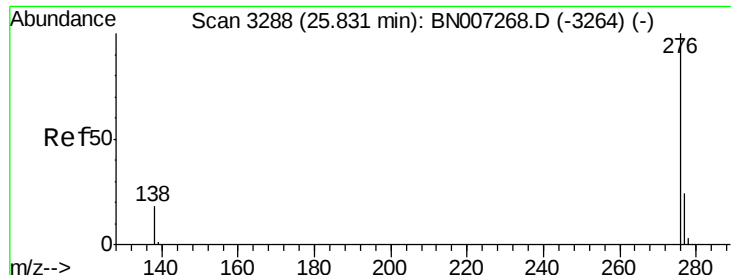


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.457 ng

RT: 25.83 min Scan# 3288

Delta R.T. 0.00 min

Lab File: BN007268.D

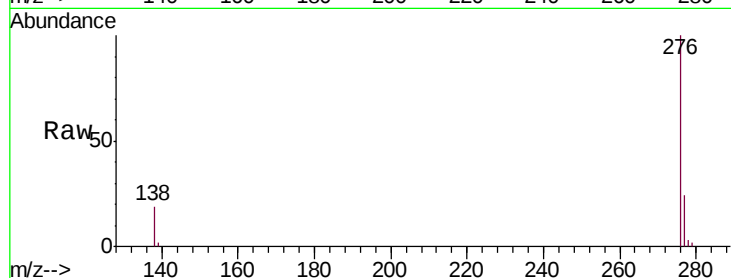
Acq: 20 Aug 2019 17:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4



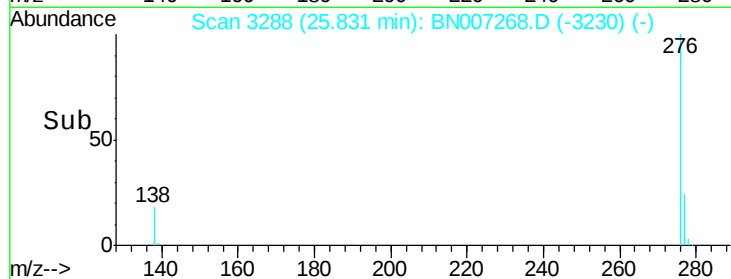
Tgt Ion: 276 Resp: 37128

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

