

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
 Data File : BN011616.D
 Acq On : 25 Aug 2020 15:24
 Operator : CG/JU
 Sample : L3768-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CS-3MSD

Quant Time: Aug 25 16:06:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 03:31:11 2020
 Response via : Initial Calibration

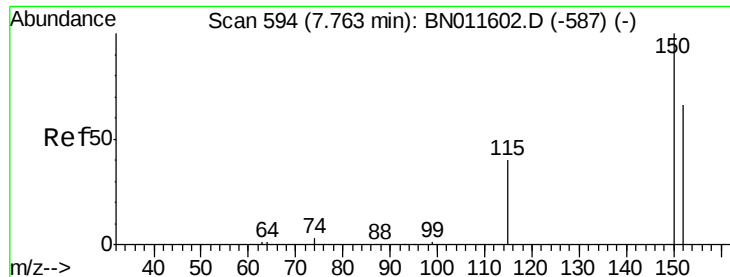
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2787	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	11663	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	6990	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	14840	0.40	ng	0.00
29) Chrysene-d12	21.33	240	15341	0.40	ng	0.00
36) Perylene-d12	23.59	264	17630	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	4163	0.47	ng	0.00
5) Phenol-d6	6.92	99	5508	0.44	ng	0.00
8) Nitrobenzene-d5	8.89	82	5697	0.56	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	7265	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1390	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	15431	0.57	ng	-0.01
27) Fluoranthene-d10	19.17	212	14685	0.30	ng	0.00
31) Terphenyl-d14	19.78	244	23540	0.60	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1090	0.252	ng	# 1
3) n-Nitrosodimethylamine	3.59	42	1430	0.314	ng	# 100
6) bis(2-Chloroethyl)ether	7.18	93	2927	0.327	ng	96
9) Naphthalene	10.59	128	10335	0.312	ng	94
10) Hexachlorobutadiene	10.88	225	2043	0.294	ng	# 99
12) 2-Methylnaphthalene	12.21	142	7420	0.303	ng	97
16) Acenaphthylene	14.10	152	10862	0.295	ng	99
17) Acenaphthene	14.46	154	6851	0.293	ng	96
18) Fluorene	15.45	166	8652	0.286	ng	98
20) 4,6-Dinitro-2-methylphenol	15.51	198	461	0.269	ng	# 56
21) 4-Bromophenyl-phenylether	16.34	248	2553	0.295	ng	# 78
22) Hexachlorobenzene	16.44	284	2961	0.296	ng	99
23) Atrazine	16.60	200	2154	0.252	ng	# 93
24) Pentachlorophenol	16.79	266	1691	0.383	ng	96
25) Phenanthrene	17.18	178	14018	0.304	ng	100
26) Anthracene	17.27	178	13355	0.294	ng	100
28) Fluoranthene	19.20	202	16487	0.295	ng	99
30) Pvrene	19.56	202	17211	0.316	ng	99
32) Benzo(a)anthracene	21.31	228	17735	0.321	ng	98
33) Chrysene	21.36	228	16667	0.316	ng	98
34) Bis(2-ethylhexyl)phthalate	21.27	149	10965	0.266	ng	93
35) Indeno(1,2,3-cd)pyrene	25.87	276	23682	0.368	ng	# 100
37) Benzo(b)fluoranthene	22.92	252	18850	0.295	ng	# 96
38) Benzo(k)fluoranthene	22.96	252	18882	0.297	ng	99
39) Benzo(a)pyrene	23.49	252	17439	0.293	ng	# 94
40) Dibenzo(a,h)anthracene	25.89	278	19871	0.319	ng	98
41) Benzo(g,h,i)perylene	26.56	276	20388	0.338	ng	98

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

```
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Acq On    : 25 Aug 2020 15:24  
Operator  : CG/JU  
Sample    : L3768-05MSD  
Misc      :  
ALS Vial  : 8      Sample Multiplier: 1
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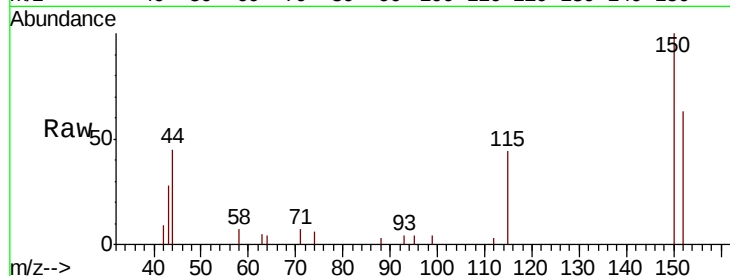


#1

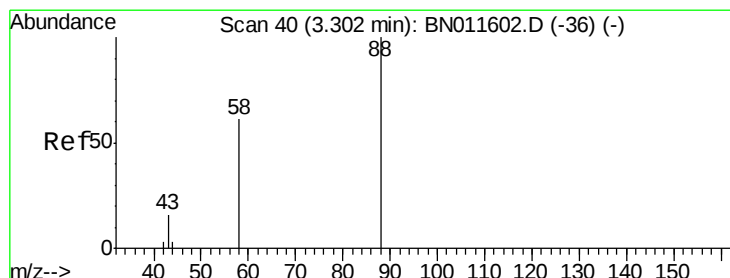
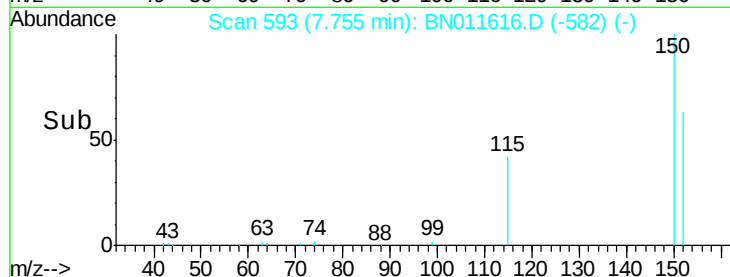
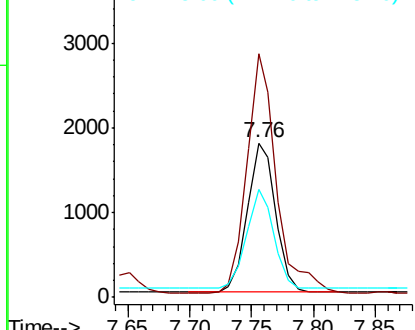
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN011616.D
Acq: 25 Aug 2020 15:24

Instrument :
BNA_N
ClientSampleId :
CS-3MSD

Tot Ion:152 Resp: 2787
Ion Ratio Lower Upper
152 100
150 157.6 112.4 168.6
115 69.8 56.9 85.3



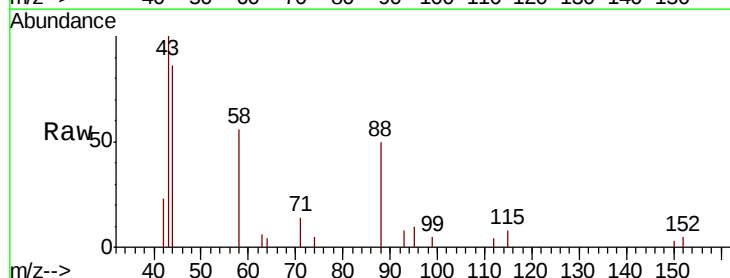
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



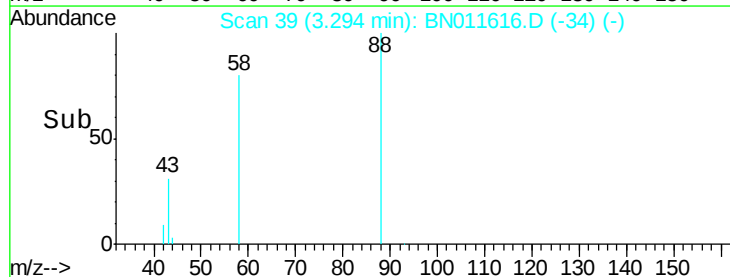
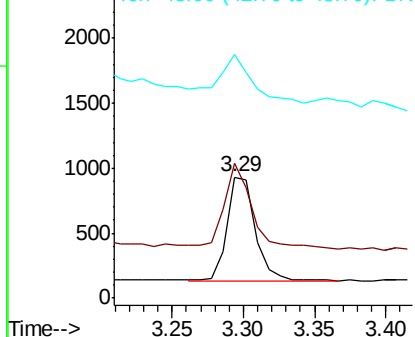
#2

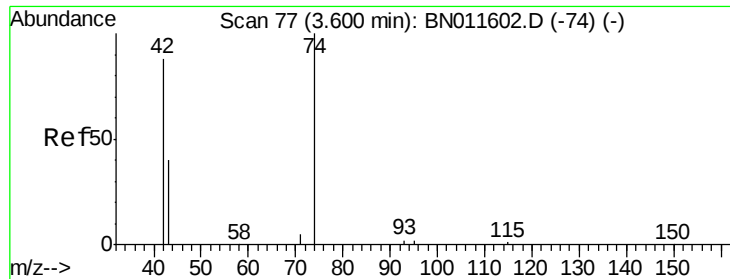
1,4-Dioxane
Concen: 0.252 ng
RT: 3.29 min Scan# 39
Delta R.T. -0.01 min
Lab File: BN011616.D
Acq: 25 Aug 2020 15:24

Tgt Ion: 88 Resp: 1090
Ion Ratio Lower Upper
88 100
58 80.4 3.0 4.4#
43 57.9 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.314 ng

RT: 3.59 min Scan# 76

Delta R.T. -0.01 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

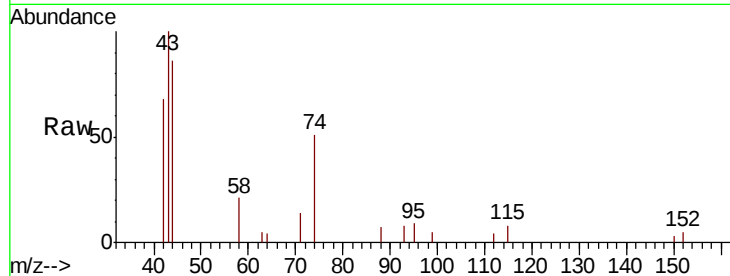
Tot Ion: 42 Resp: 1430

Ion Ratio Lower Upper

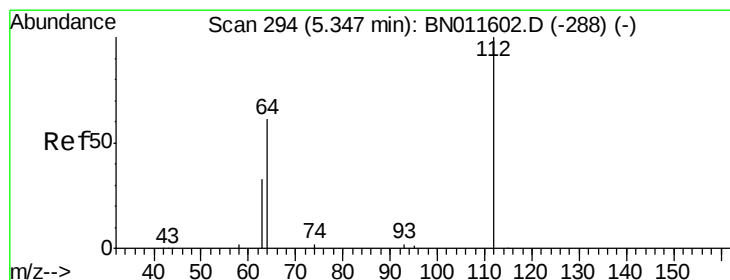
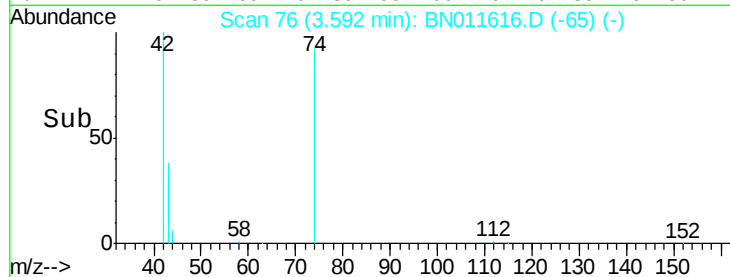
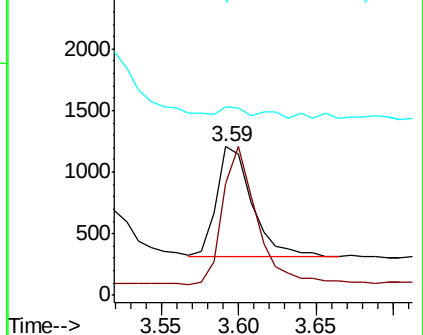
42 100

74 121.8 0.0 0.0#

44 10.2 8.2 12.4



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: 0.467 ng

RT: 5.35 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

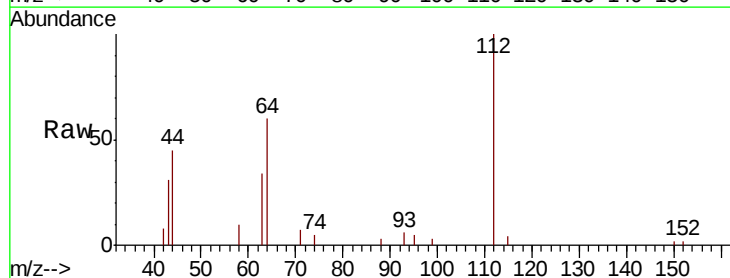
Tgt Ion: 112 Resp: 4163

Ion Ratio Lower Upper

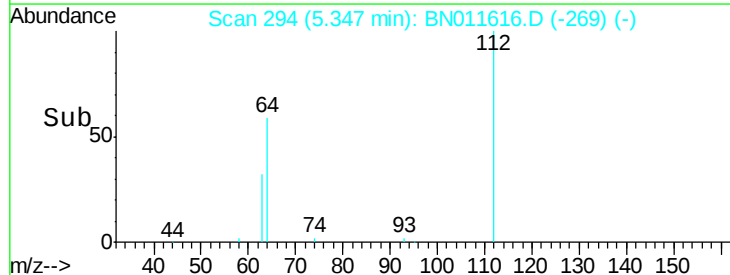
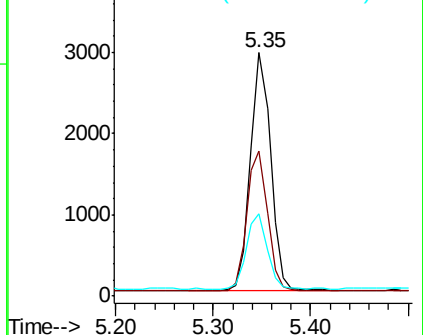
112 100

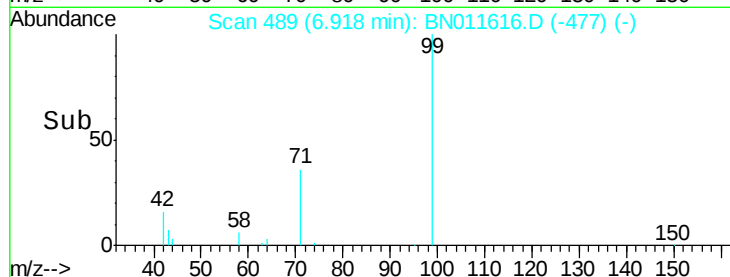
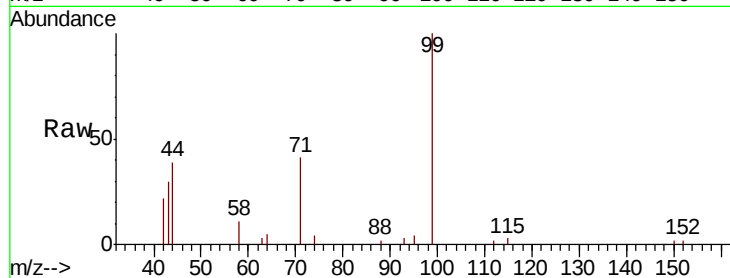
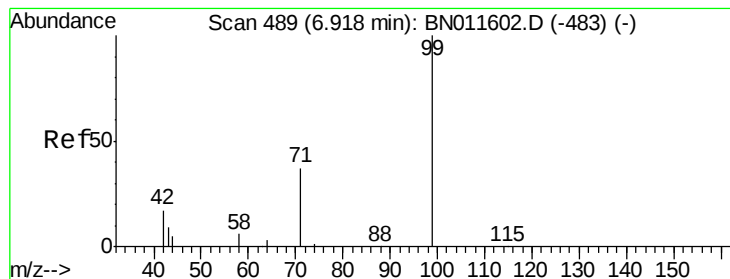
64 60.3 49.6 74.4

63 32.5 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.437 ng

RT: 6.92 min Scan# 489

Delta R.T. 0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

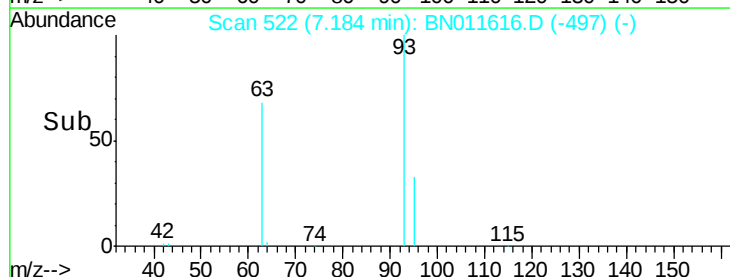
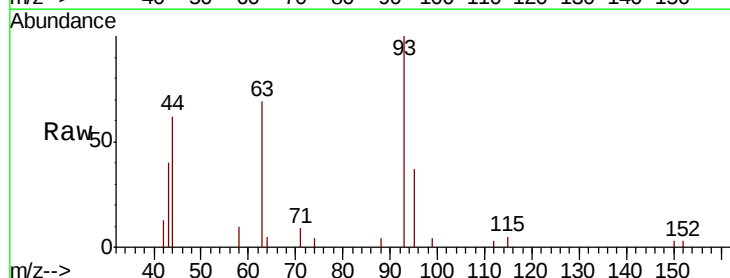
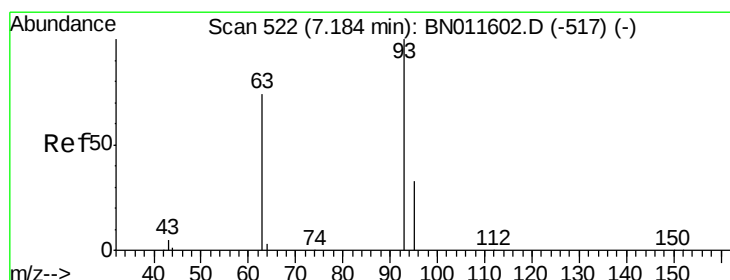
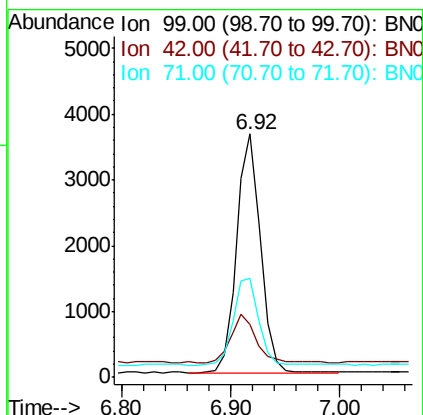
Tot Ion: 99 Resp: 5508

Ion Ratio Lower Upper

99 100

42 21.8 0.0 0.0#

71 38.3 0.0 0.0#



#6

bis(2-Chloroethyl)ether

Concen: 0.327 ng

RT: 7.18 min Scan# 522

Delta R.T. 0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

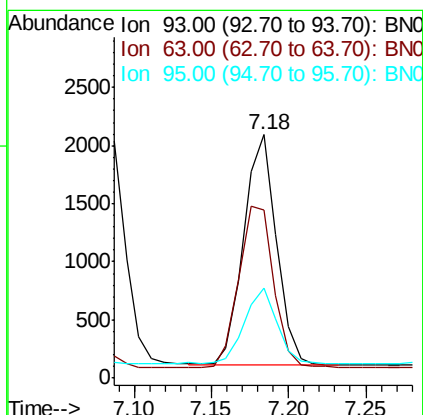
Tgt Ion: 93 Resp: 2927

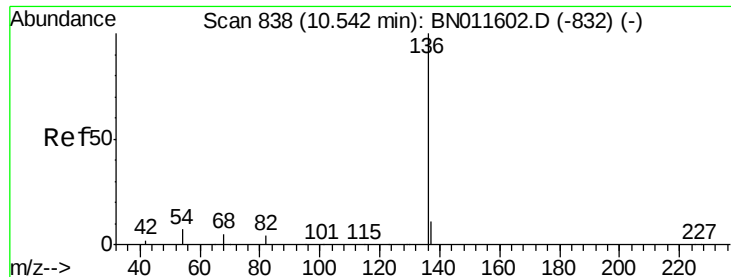
Ion Ratio Lower Upper

93 100

63 75.5 57.8 86.8

95 33.2 28.3 42.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

Instrument :

BNA_N

ClientSampled :

CS-3MSD

Tot Ion:136 Resp: 11663

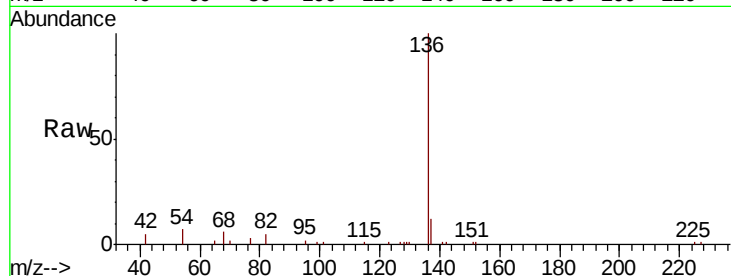
Ion Ratio Lower Upper

136 100

137 11.9 11.5 17.3

54 7.1 11.9 17.9#

68 5.7 12.3 18.5#

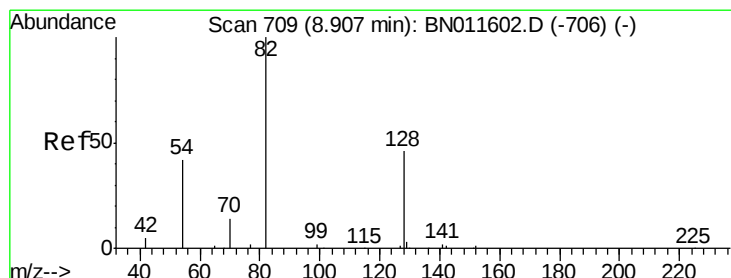
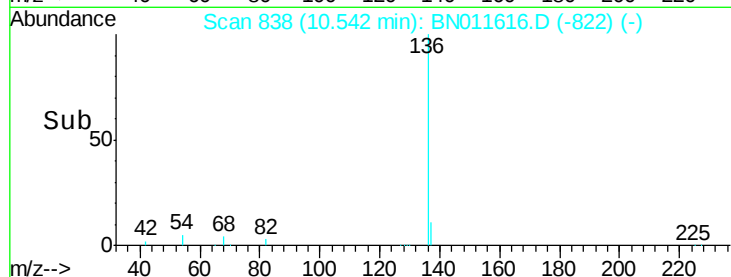
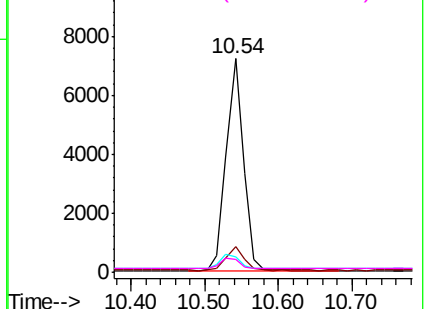


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.564 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

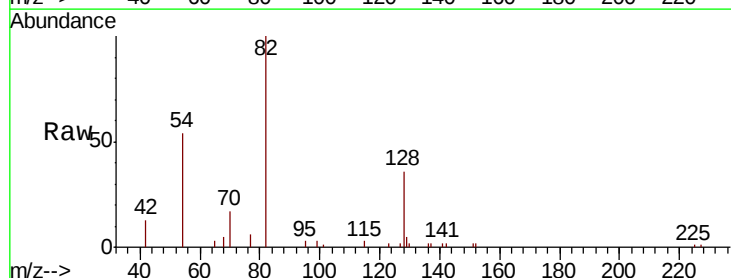
Tgt Ion: 82 Resp: 5697

Ion Ratio Lower Upper

82 100

128 36.0 31.1 46.7

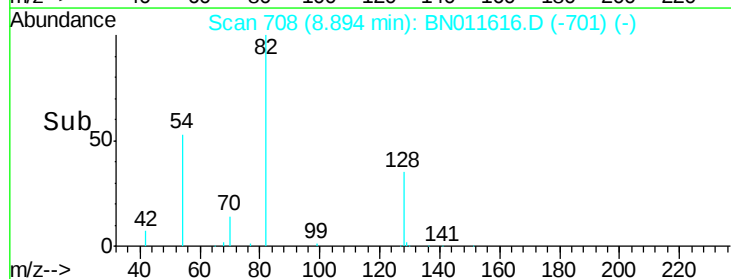
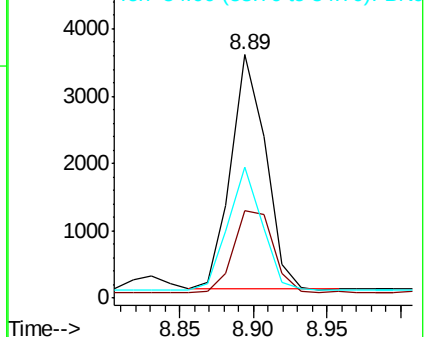
54 53.9 37.1 55.7

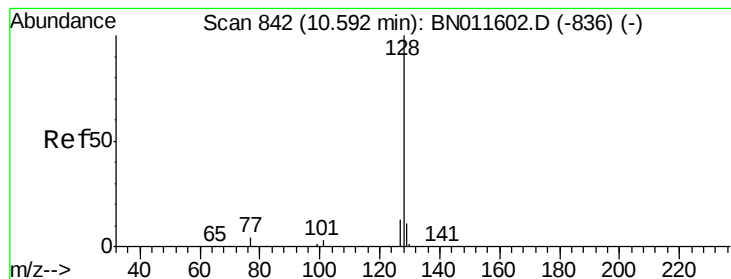


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.312 ng

RT: 10.59 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

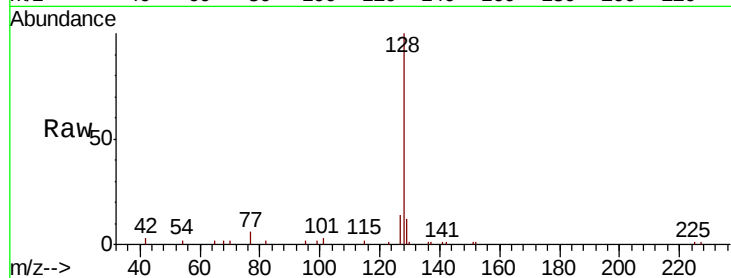
Tot Ion:128 Resp: 10335

Ion Ratio Lower Upper

128 100

129 12.1 11.0 16.4

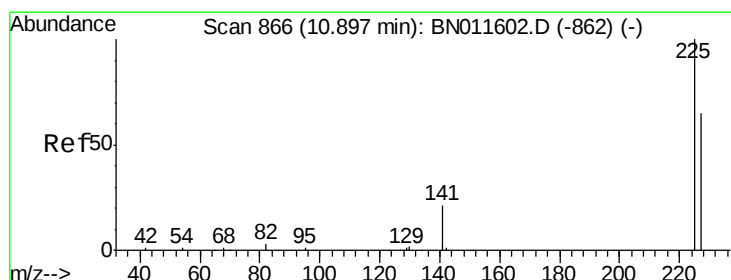
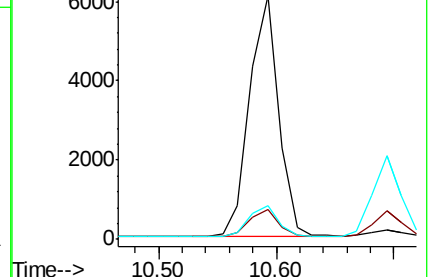
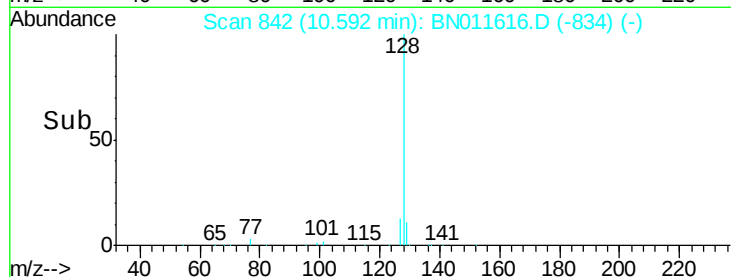
127 13.8 13.5 20.3



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: 0.294 ng

RT: 10.88 min Scan# 865

Delta R.T. -0.01 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

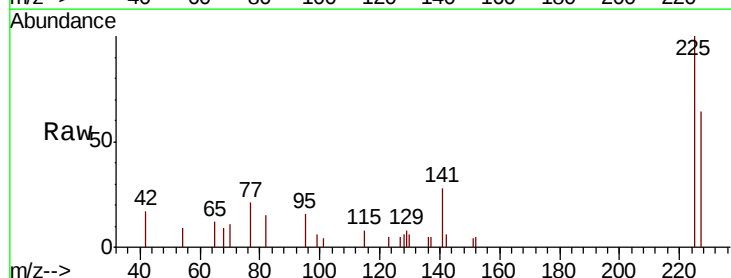
Tgt Ion:225 Resp: 2043

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

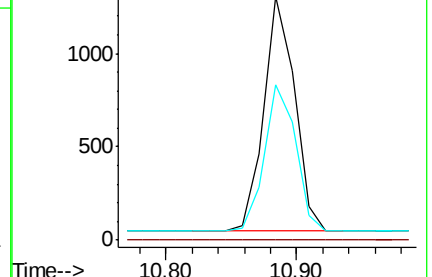
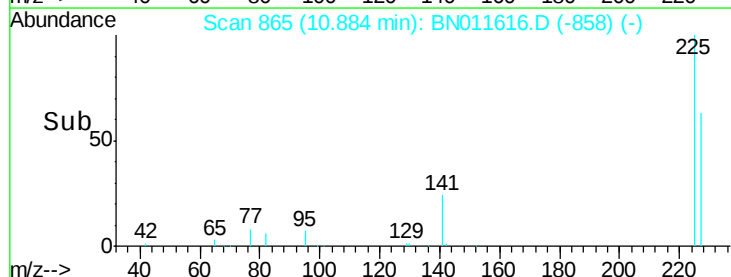
227 63.5 50.2 75.2

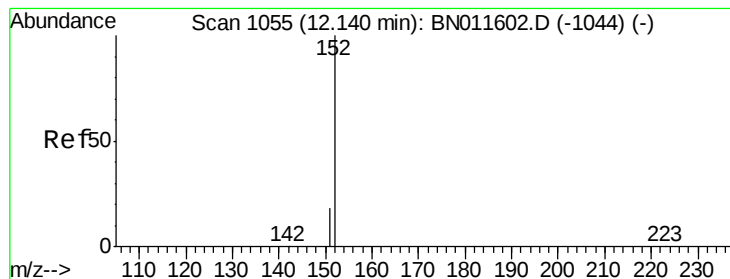


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.329 ng

RT: 12.14 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

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ClientSampleId :

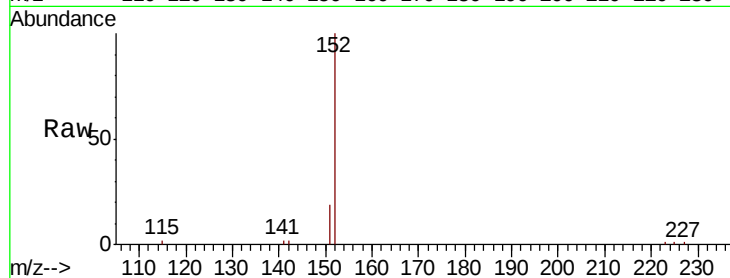
CS-3MSD

Tot Ion:152 Resp: 7265

Ion Ratio Lower Upper

152 100

151 17.9 16.4 24.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.14

5000

4000

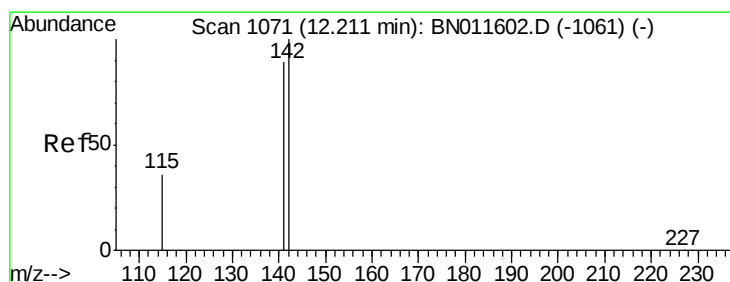
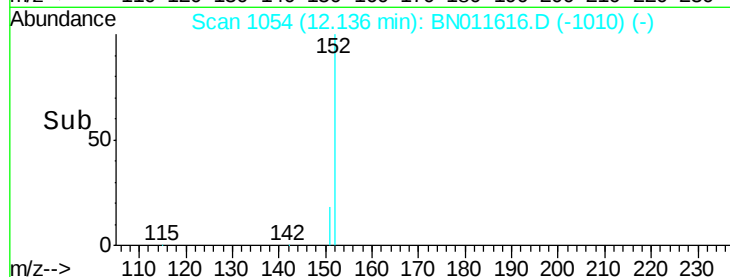
3000

2000

1000

0

Time--> 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.303 ng

RT: 12.21 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

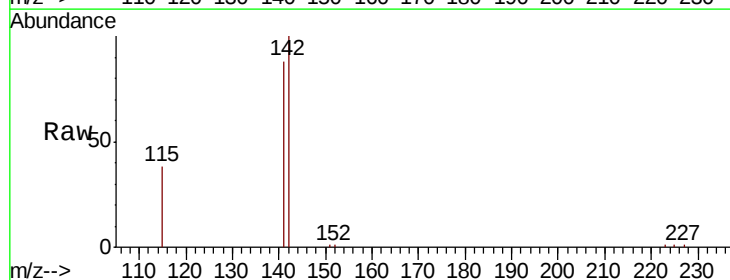
Tgt Ion:142 Resp: 7420

Ion Ratio Lower Upper

142 100

141 88.1 72.7 109.1

115 38.1 32.7 49.1



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

12.21

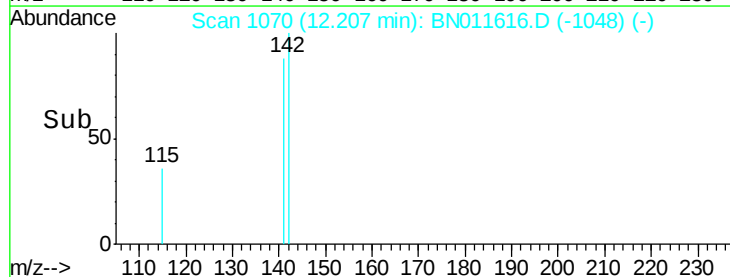
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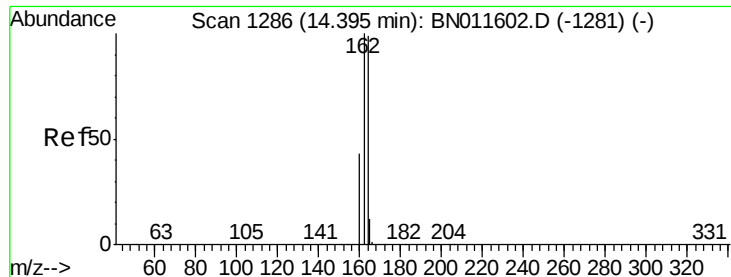
4000

2000

0

Time--> 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

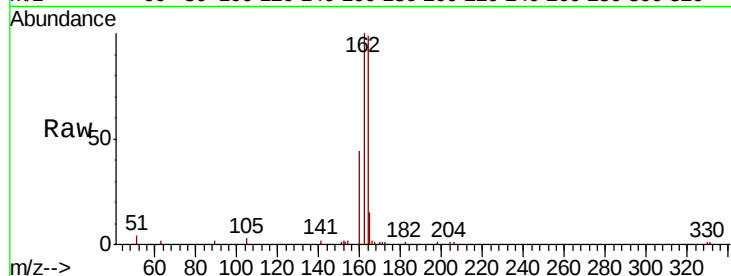
Tot Ion:164 Resp: 6990

Ion Ratio Lower Upper

164 100

162 101.4 80.8 121.2

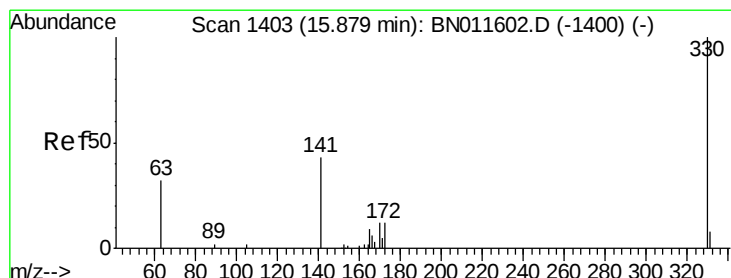
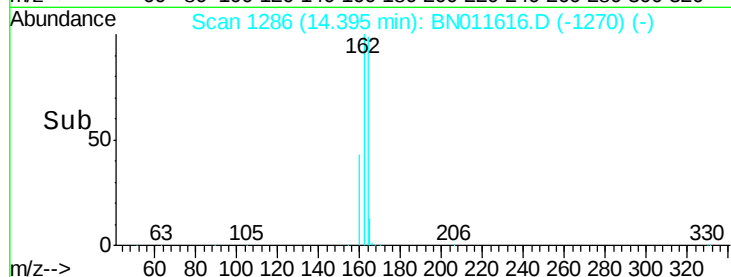
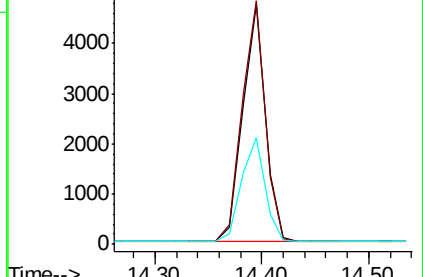
160 44.4 35.6 53.4



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: 0.362 ng

RT: 15.88 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

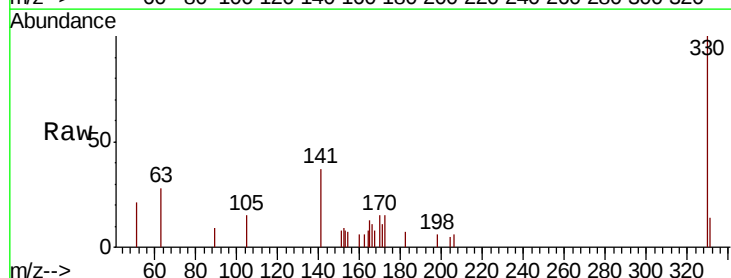
Tgt Ion:330 Resp: 1390

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

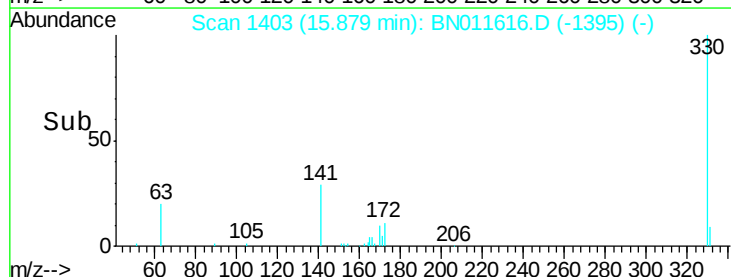
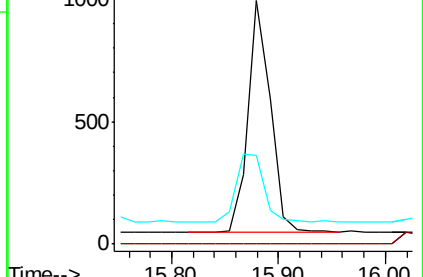
141 36.8 29.4 44.2

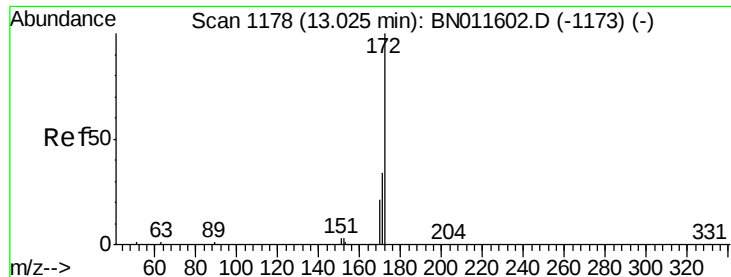


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

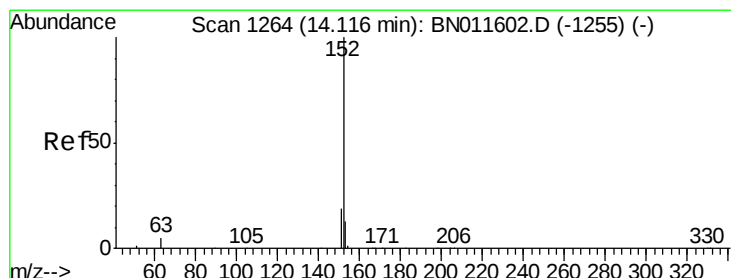
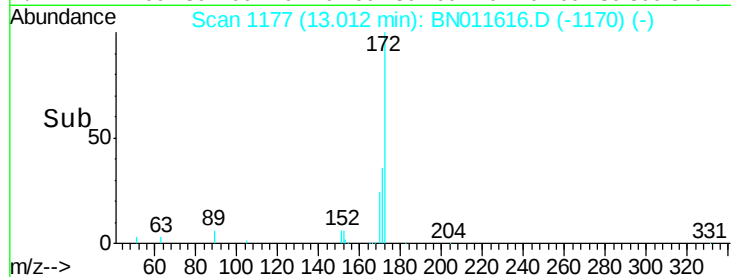
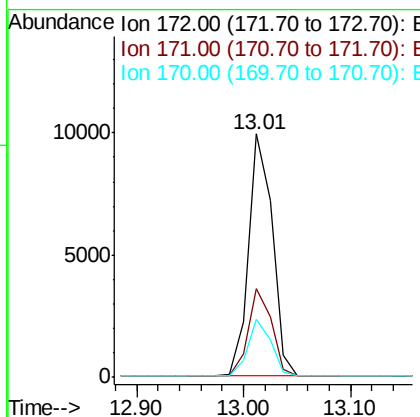
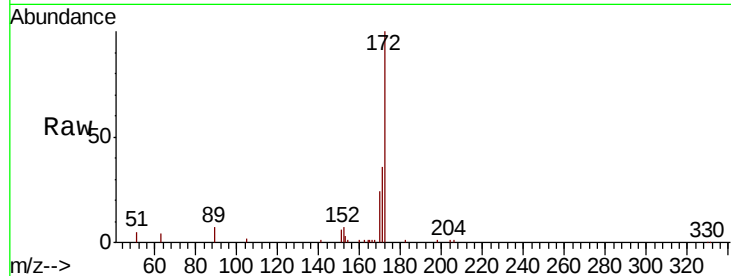




#15
2-Fluorobiphenyl
Concen: 0.567 ng
RT: 13.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011616.D
Acq: 25 Aug 2020 15:24

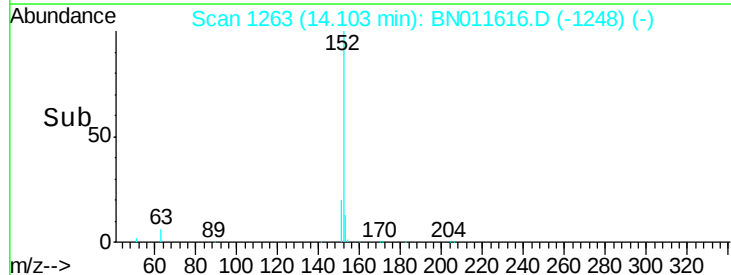
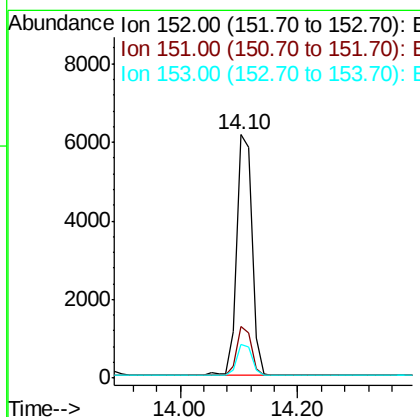
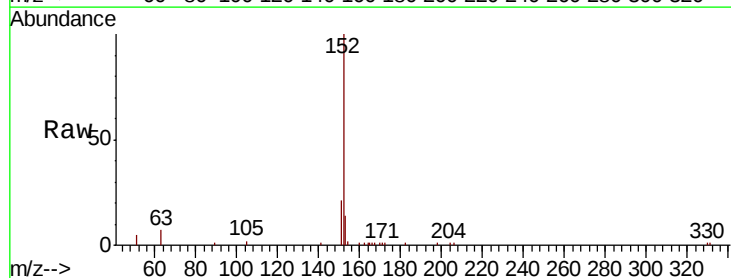
Instrument :
BNA_N
ClientSampleId :
CS-3MSD

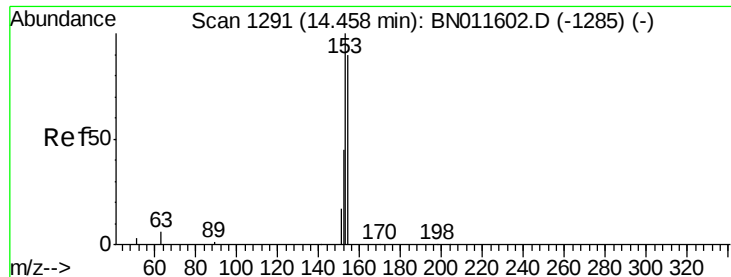
Tot Ion:172 Resp: 15431
Ion Ratio Lower Upper
172 100
171 36.2 28.6 42.8
170 24.0 18.2 27.2



#16
Acenaphthylene
Concen: 0.295 ng
RT: 14.10 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BN011616.D
Acq: 25 Aug 2020 15:24

Tgt Ion:152 Resp: 10862
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 12.9 11.0 16.4





#17

Acenaphthene

Concen: 0.293 ng

RT: 14.46 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

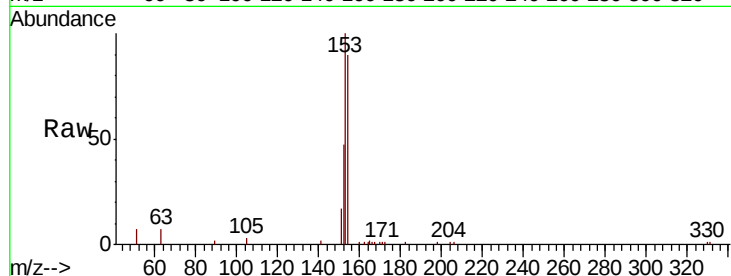
Tot Ion:154 Resp: 6851

Ion Ratio Lower Upper

154 100

153 112.7 86.6 130.0

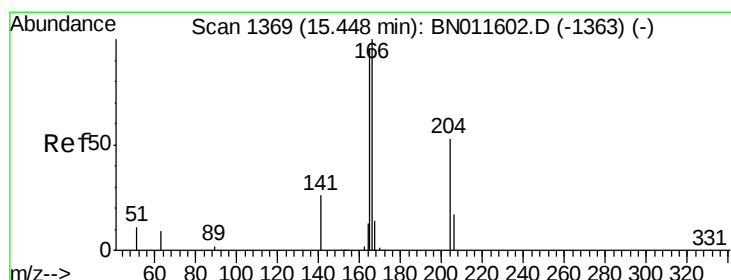
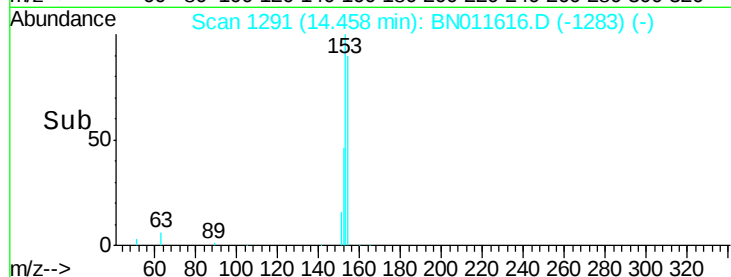
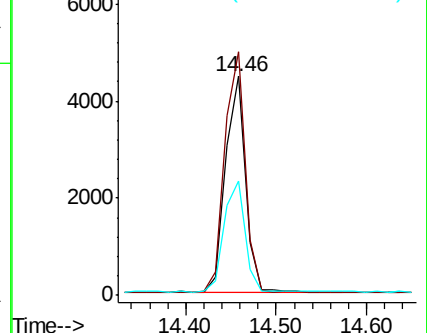
152 53.1 40.1 60.1



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: 0.286 ng

RT: 15.45 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

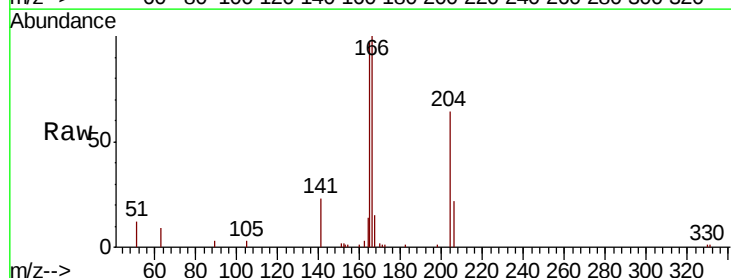
Tgt Ion:166 Resp: 8652

Ion Ratio Lower Upper

166 100

165 98.4 77.4 116.2

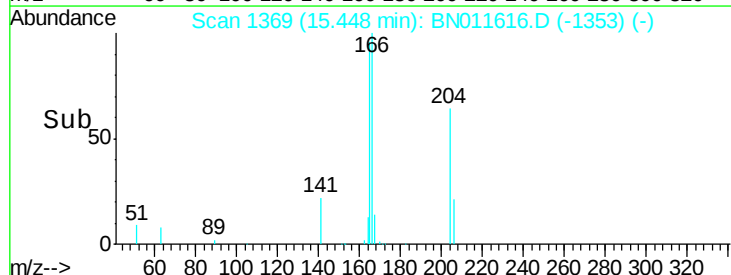
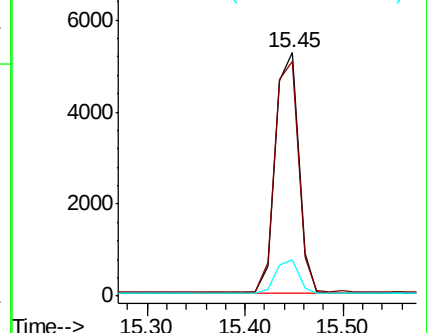
167 13.8 11.5 17.3

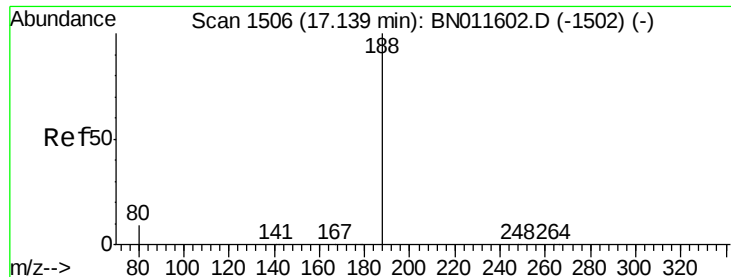


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.14 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

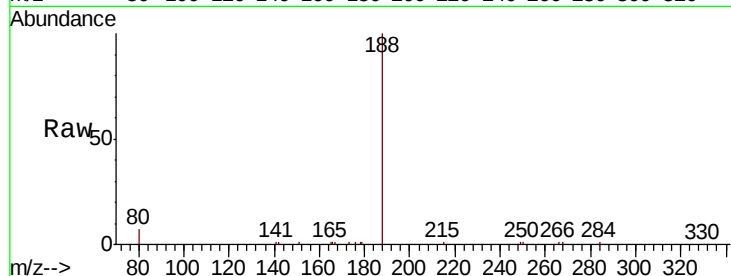
Tot Ion:188 Resp: 14840

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

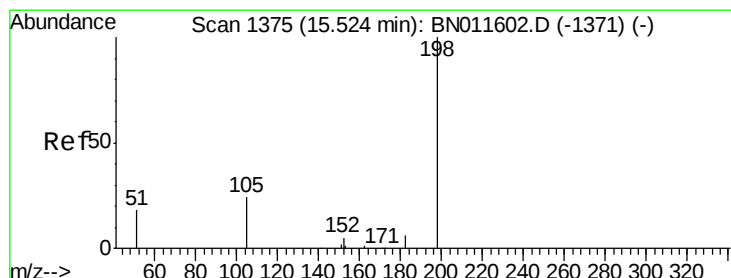
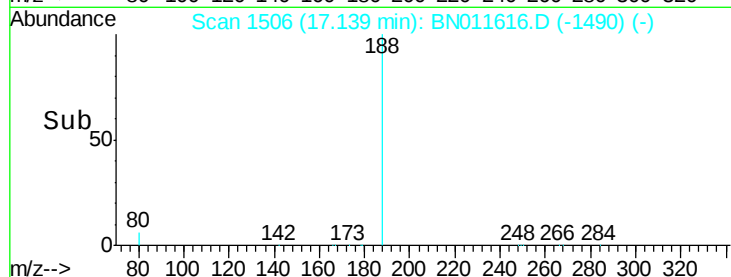
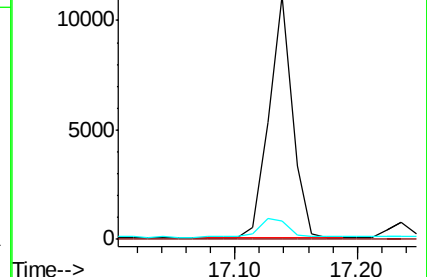
80 7.3 9.2 13.8#



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

4,6-Dinitro-2-methylphenol

Concen: 0.269 ng

RT: 15.51 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

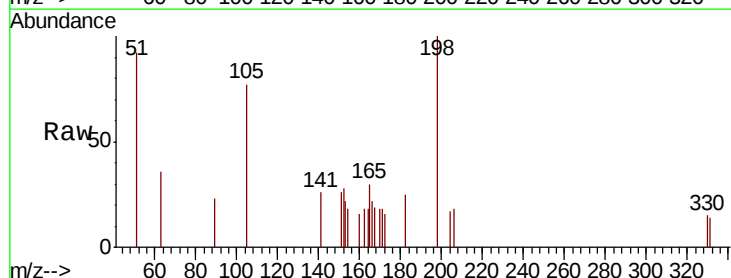
Tgt Ion:198 Resp: 461

Ion Ratio Lower Upper

198 100

51 91.6 99.6 149.4#

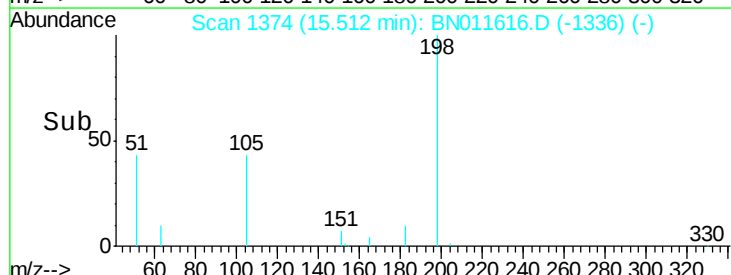
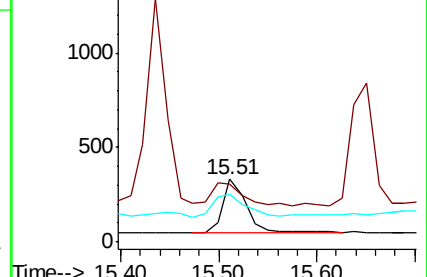
105 76.6 118.8 178.2#

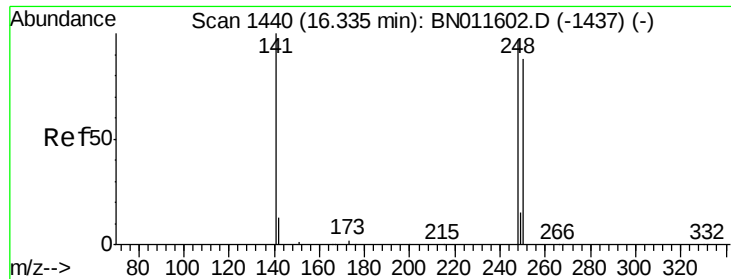


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

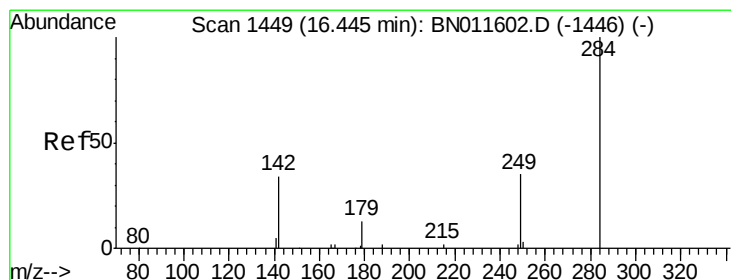
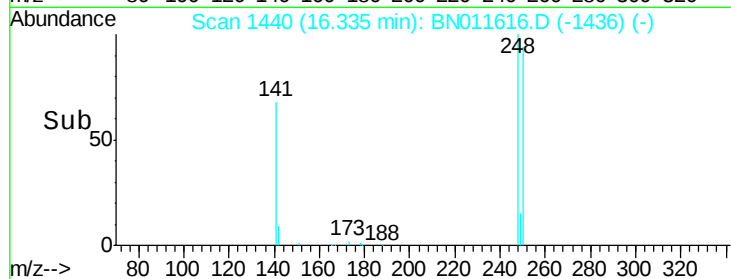
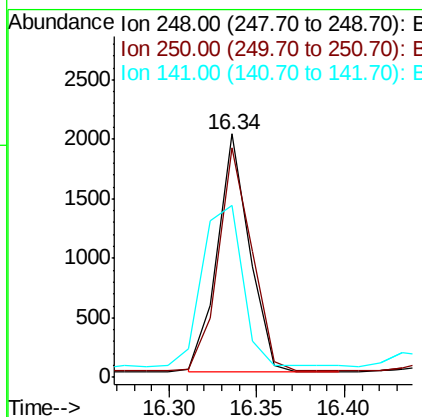
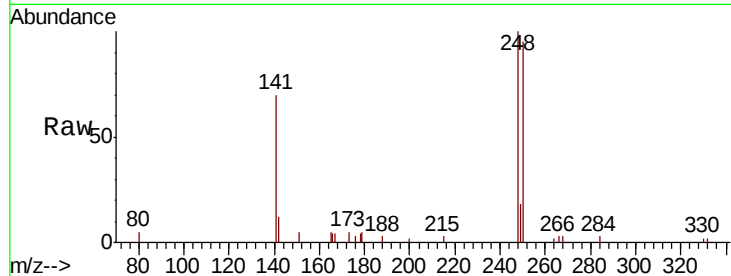




#21
4-Bromophenyl-phenylether
Concen: 0.295 ng
RT: 16.34 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BN011616.D
Acq: 25 Aug 2020 15:24

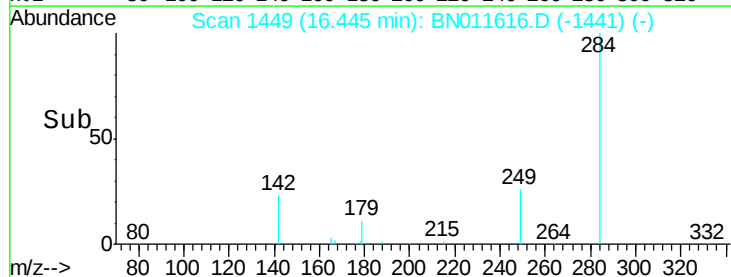
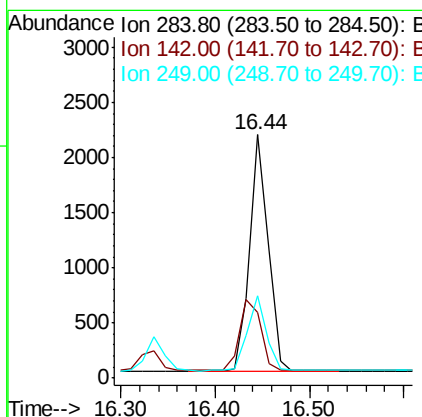
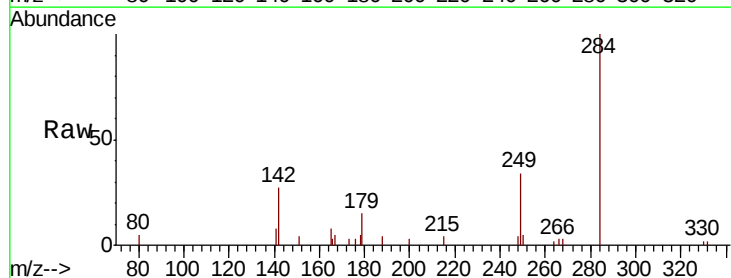
Instrument :
BNA_N
ClientSampled :
CS-3MSD

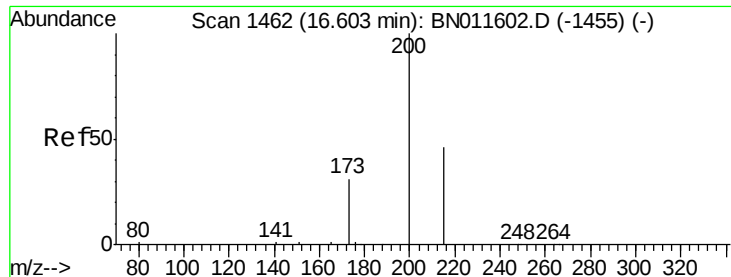
Tot Ion:248 Resp: 2553
Ion Ratio Lower Upper
248 100
250 94.5 73.4 110.2
141 70.5 88.5 132.7#



#22
Hexachlorobenzene
Concen: 0.296 ng
RT: 16.44 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BN011616.D
Acq: 25 Aug 2020 15:24

Tgt Ion:284 Resp: 2961
Ion Ratio Lower Upper
284 100
142 34.0 27.3 40.9
249 32.4 25.2 37.8

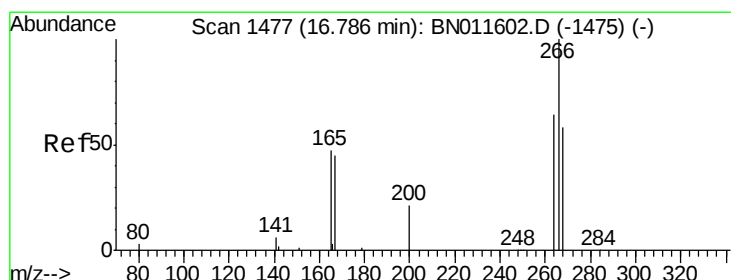
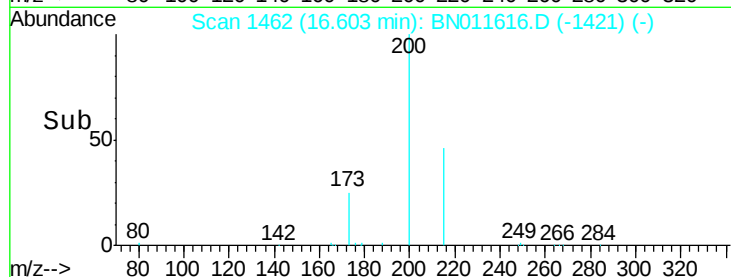
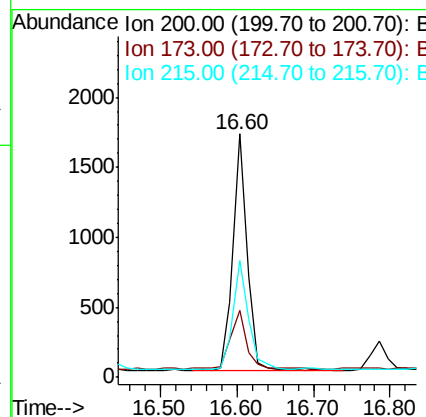
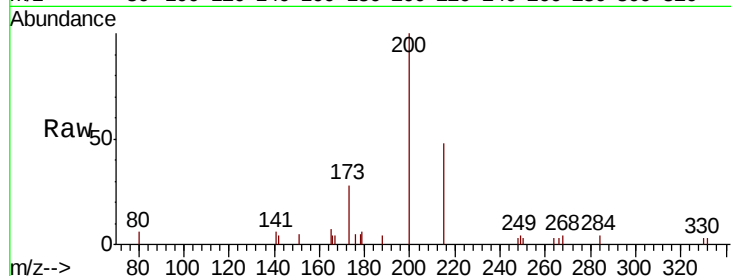




#23
Atrazine
Concen: 0.252 ng
RT: 16.60 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BN011616.D
Acq: 25 Aug 2020 15:24

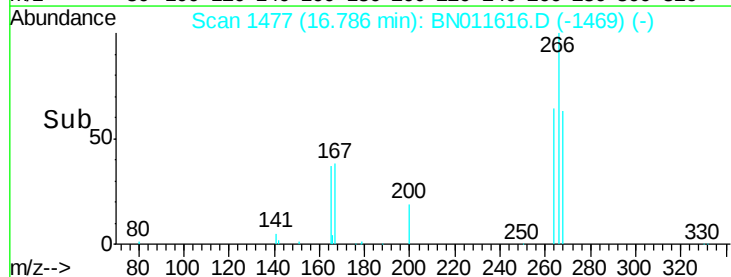
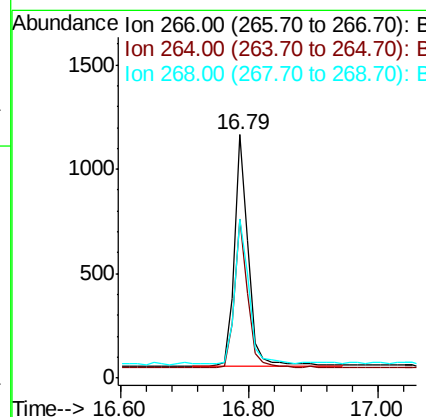
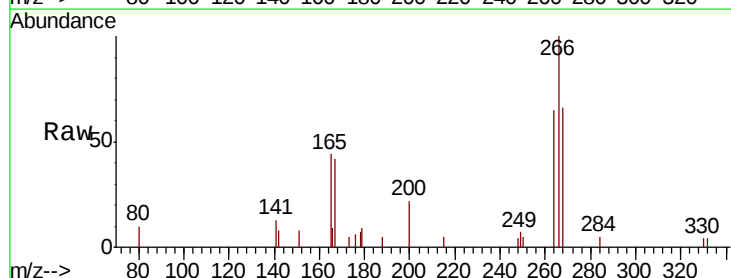
Instrument :
BNA_N
ClientSampleId :
CS-3MSD

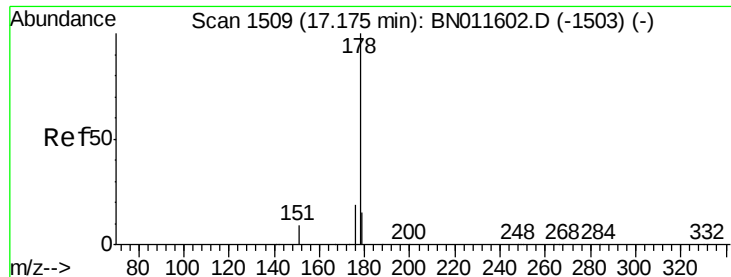
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	28.2	42.4#
215	47.8	39.8	59.6



#24
Pentachlorophenol
Concen: 0.383 ng
RT: 16.79 min Scan# 1477
Delta R.T. 0.00 min
Lab File: BN011616.D
Acq: 25 Aug 2020 15:24

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.2	48.1	72.1
268	64.3	48.4	72.6





#25

Phenanthrene

Concen: 0.304 ng

RT: 17.18 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

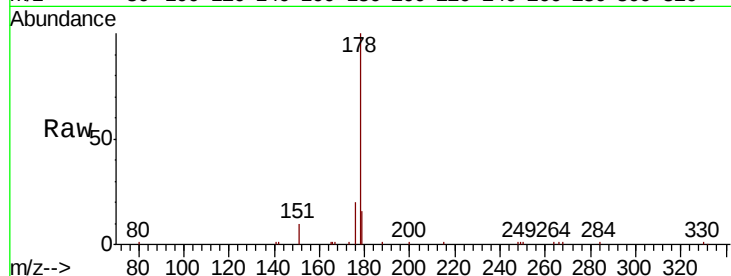
Tot Ion:178 Resp: 14018

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

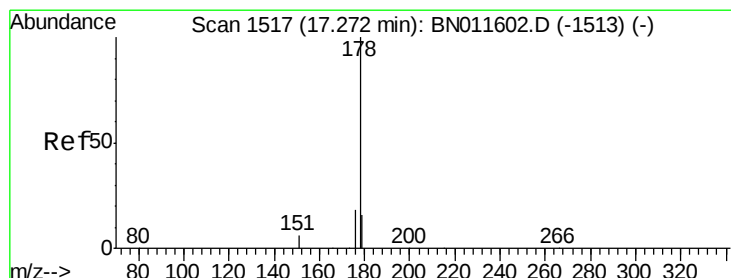
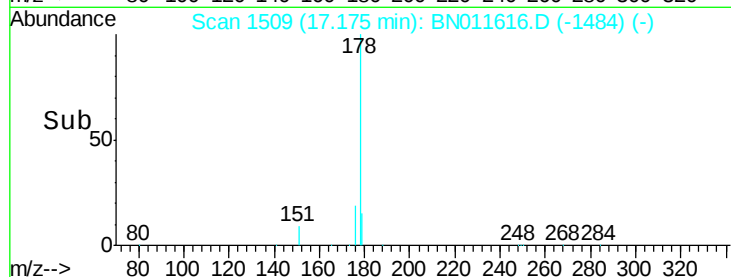
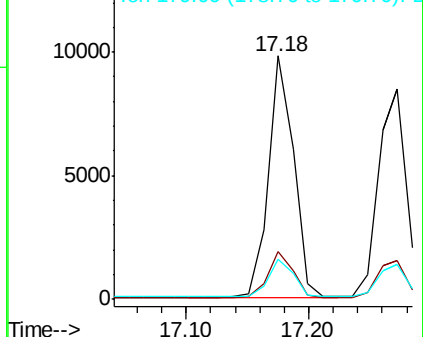
179 15.9 12.6 18.8



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



#26

Anthracene

Concen: 0.294 ng

RT: 17.27 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

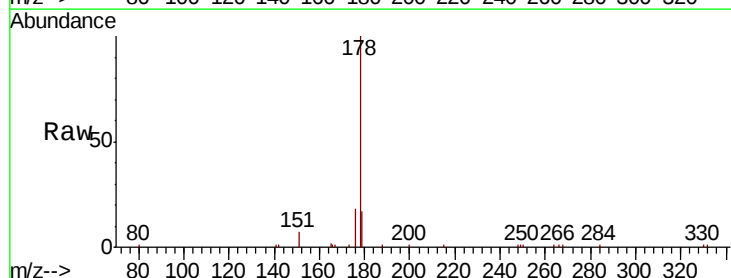
Tgt Ion:178 Resp: 13355

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

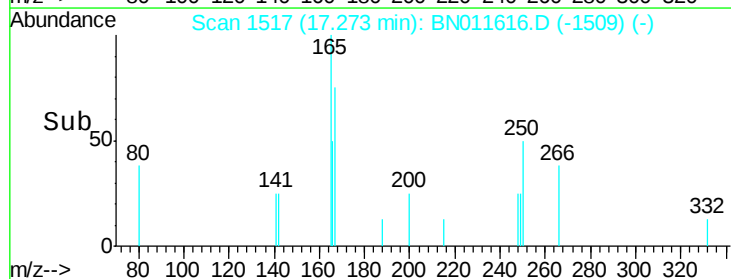
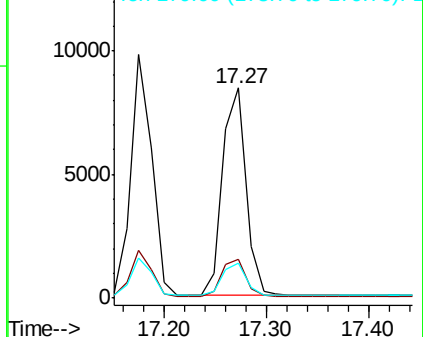
179 15.4 12.5 18.7

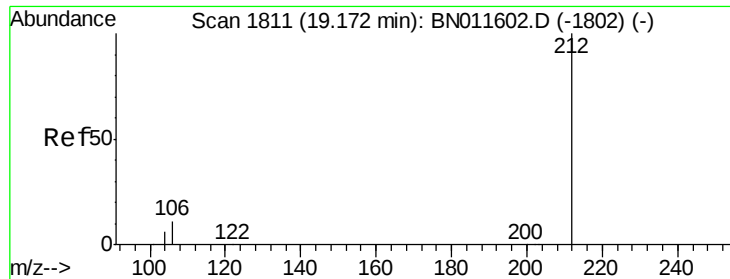


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.304 ng

RT: 19.17 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

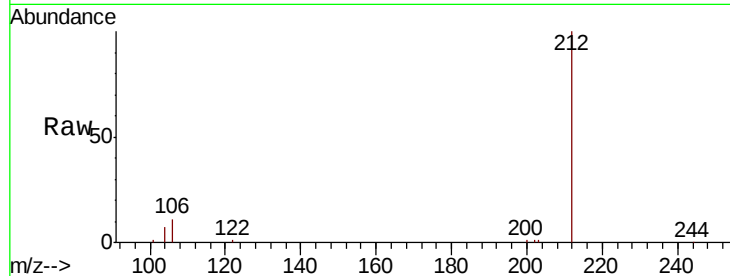
Tot Ion:212 Resp: 14685

Ion Ratio Lower Upper

212 100

106 10.7 8.9 13.3

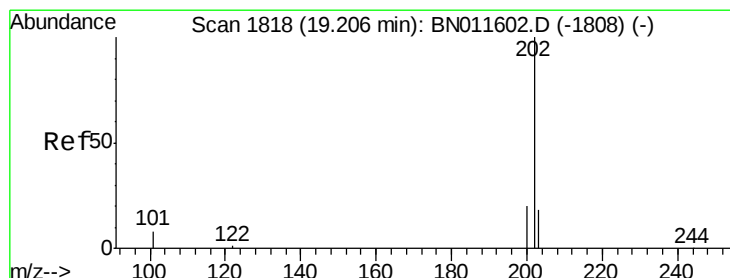
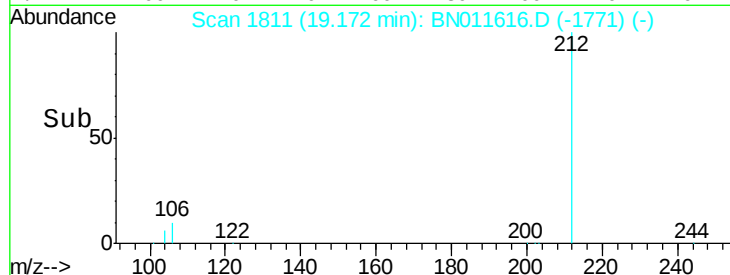
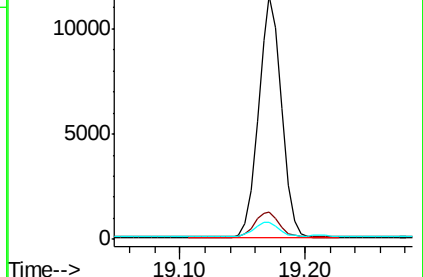
104 6.3 5.3 7.9



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



#28

Fluoranthene

Concen: 0.295 ng

RT: 19.20 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

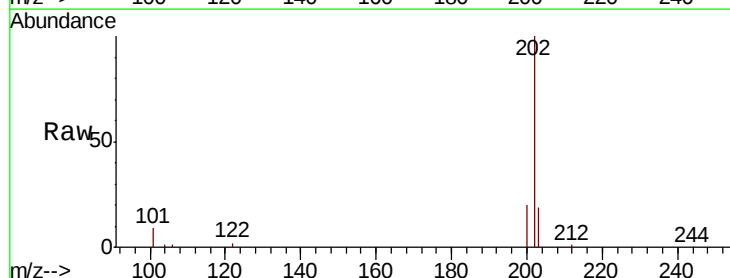
Tgt Ion:202 Resp: 16487

Ion Ratio Lower Upper

202 100

101 9.9 7.7 11.5

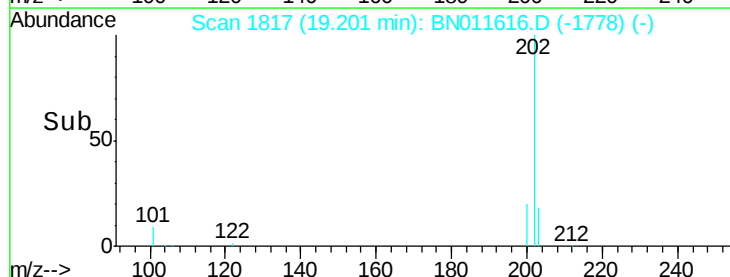
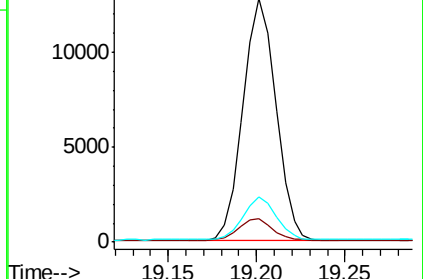
203 17.7 13.9 20.9

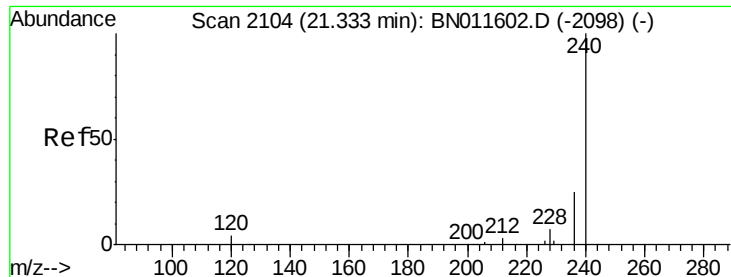


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

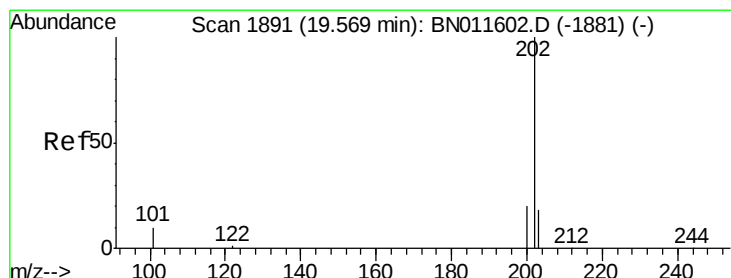
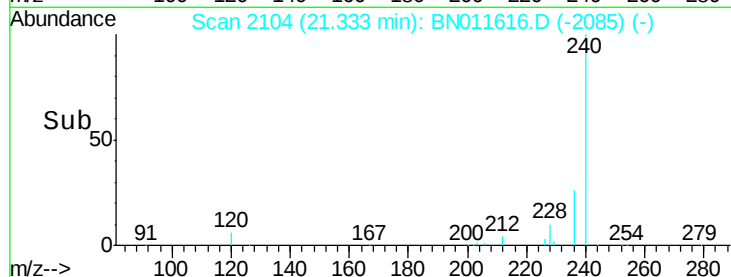
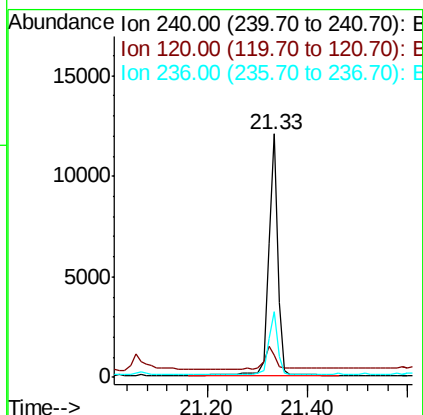
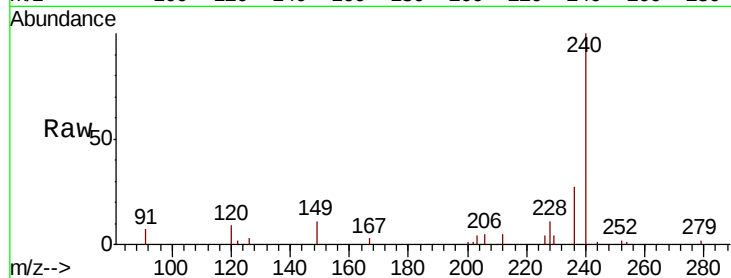




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.33 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BN011616.D
Acq: 25 Aug 2020 15:24

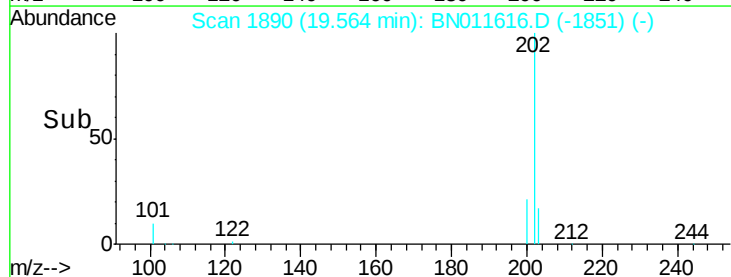
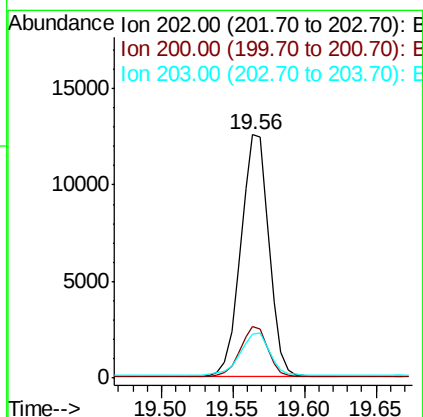
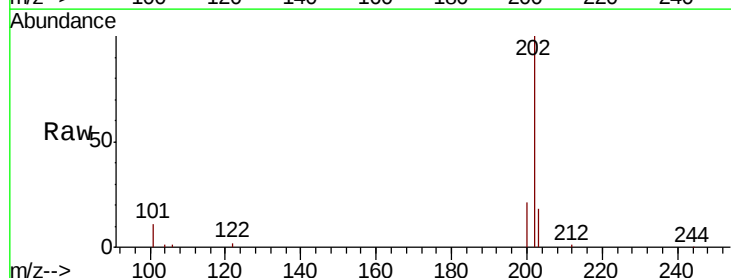
Instrument :
BNA_N
ClientSampleId :
CS-3MSD

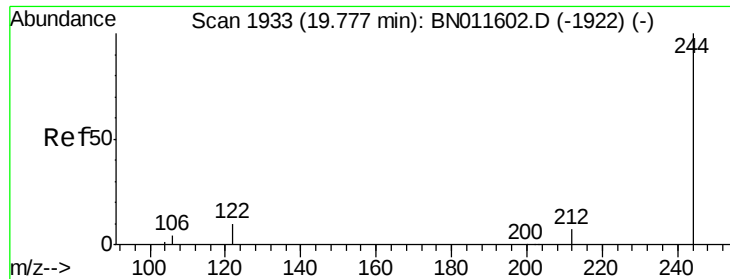
Tot Ion:240 Resp: 15341
Ion Ratio Lower Upper
240 100
120 9.1 6.0 9.0#
236 26.8 20.8 31.2



#30
Pyrene
Concen: 0.316 ng
RT: 19.56 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BN011616.D
Acq: 25 Aug 2020 15:24

Tgt Ion:202 Resp: 17211
Ion Ratio Lower Upper
202 100
200 20.3 16.3 24.5
203 18.5 14.2 21.4





#31

Terphenyl-d14

Concen: 0.601 ng

RT: 19.78 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

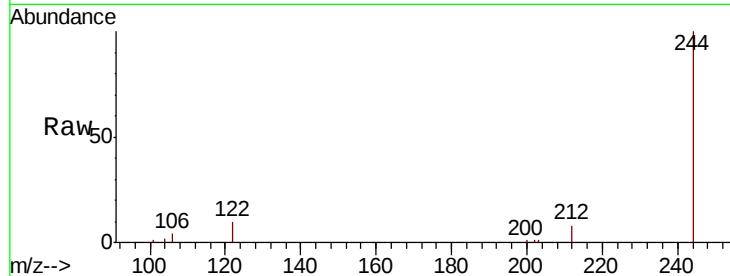
Tot Ion:244 Resp: 23540

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 10.0 9.5 14.3

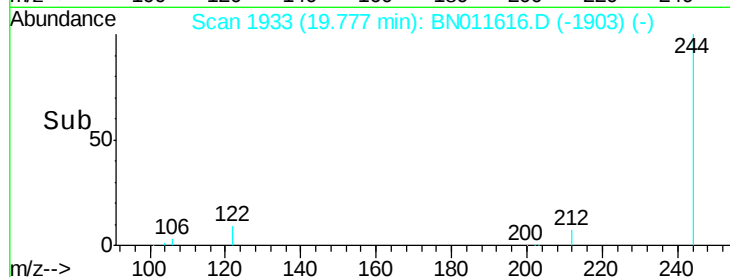


Abundance Ion 244.00 (243.70 to 244.70): E

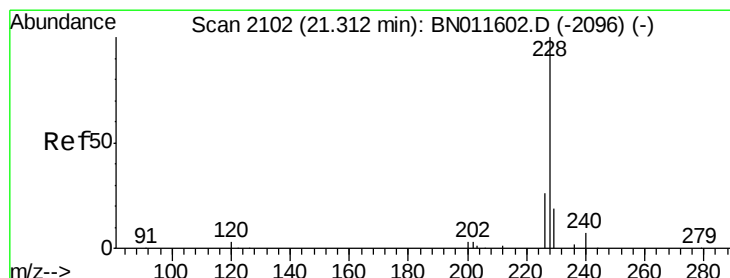
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#32

Benzo(a)anthracene

Concen: 0.321 ng

RT: 21.31 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

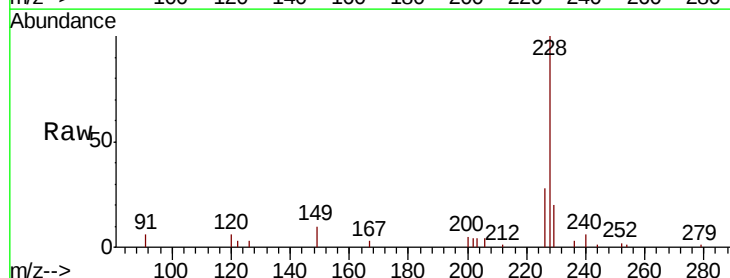
Tgt Ion:228 Resp: 17735

Ion Ratio Lower Upper

228 100

226 27.9 21.2 31.8

229 20.5 15.8 23.8

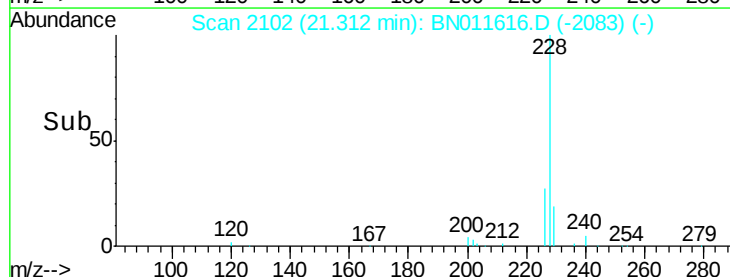


Abundance Ion 228.00 (227.70 to 228.70): E

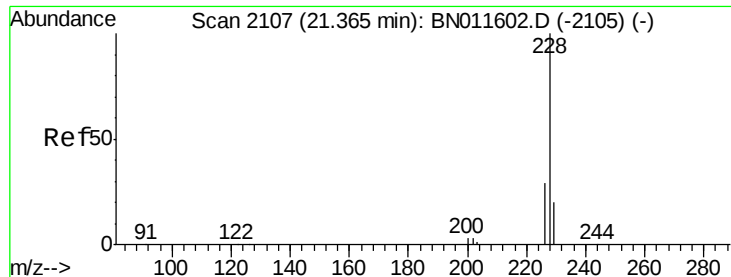
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



Time-->



#33

Chrysene

Concen: 0.316 ng

RT: 21.36 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

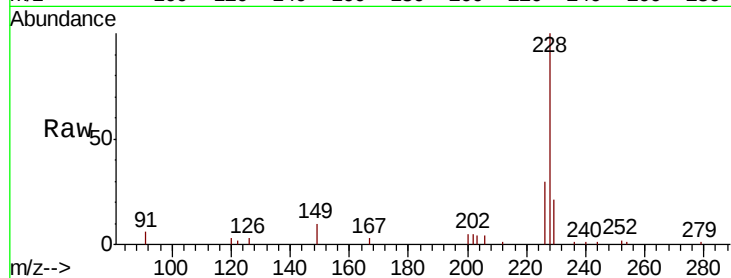
Tot Ion:228 Resp: 16667

Ion Ratio Lower Upper

228 100

226 30.2 23.6 35.4

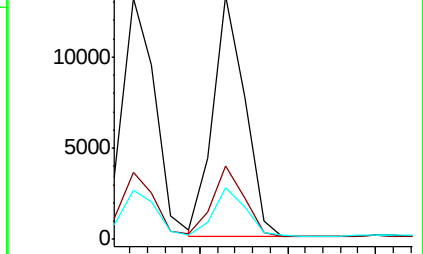
229 20.9 16.0 24.0



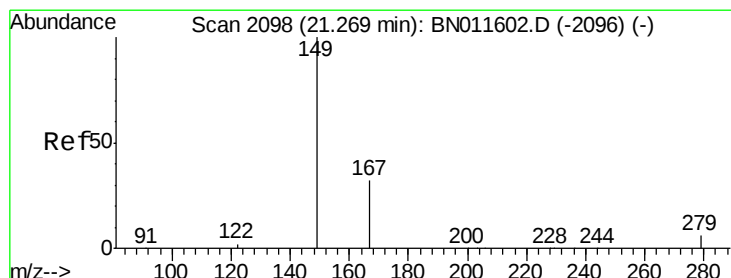
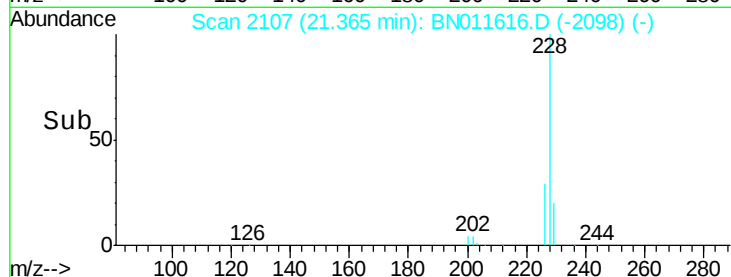
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.266 ng

RT: 21.27 min Scan# 2098

Delta R.T. 0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

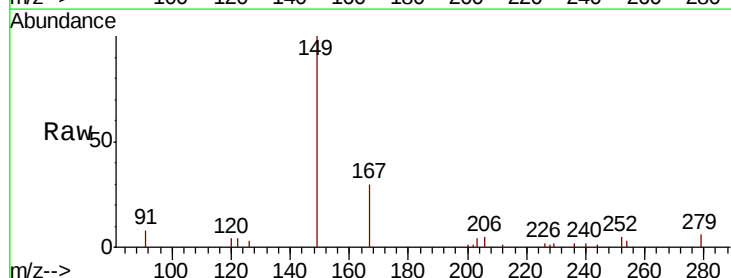
Tgt Ion:149 Resp: 10965

Ion Ratio Lower Upper

149 100

167 29.6 20.6 31.0

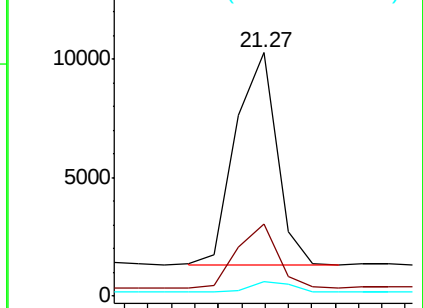
279 5.2 3.8 5.8



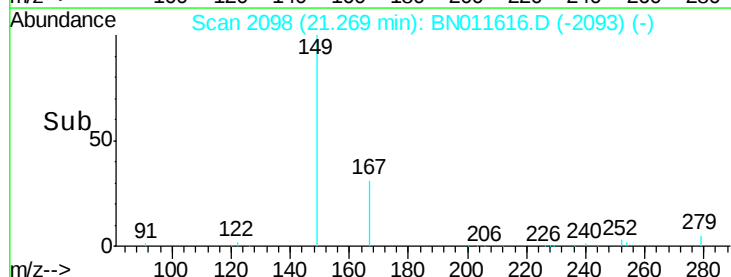
Abundance Ion 149.00 (148.70 to 149.70): E

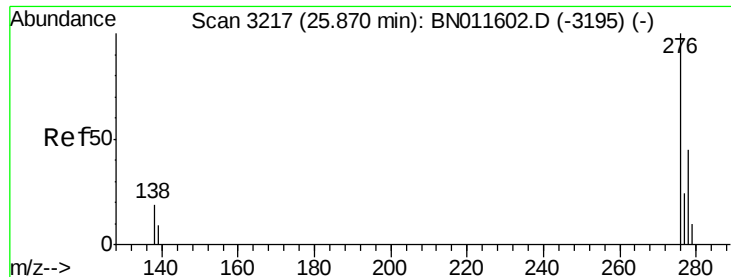
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#35

Indeno(1,2,3-cd)pyrene

Concen: 0.368 ng

RT: 25.87 min Scan# 3217

Delta R.T. 0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

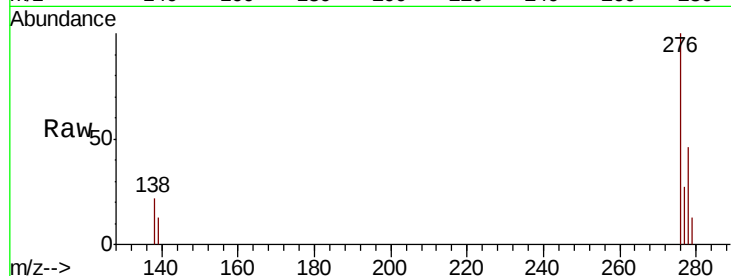
Tot Ion:276 Resp: 23682

Ion Ratio Lower Upper

276 100

138 20.6 0.0 0.0#

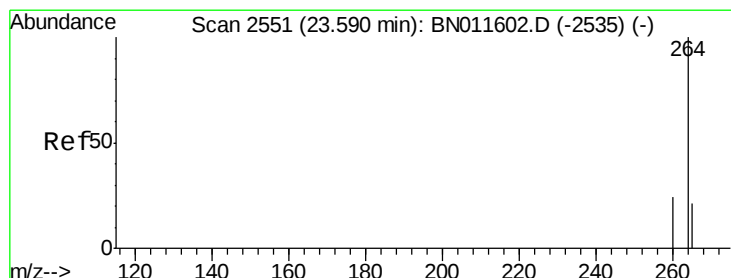
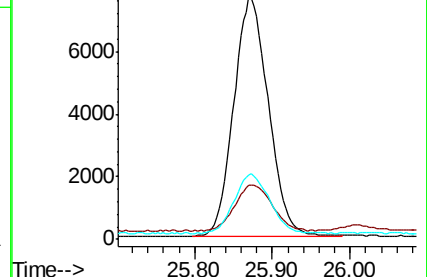
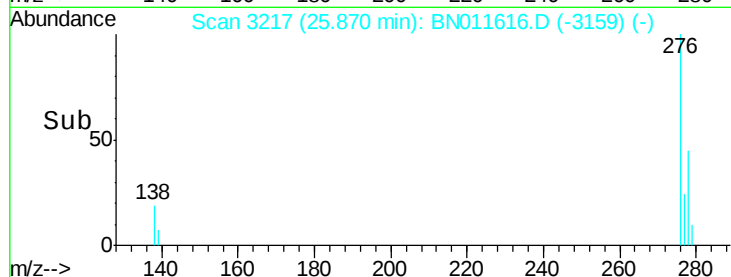
277 25.2 0.0 0.0#



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.59 min Scan# 2552

Delta R.T. 0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

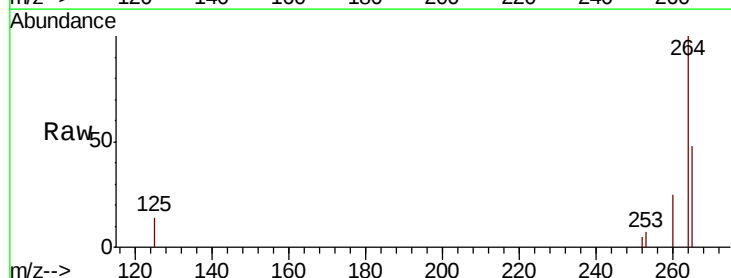
Tgt Ion:264 Resp: 17630

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

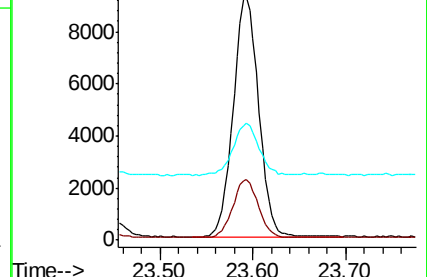
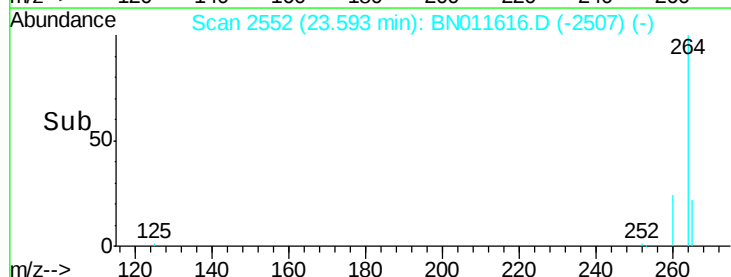
265 47.9 40.7 61.1

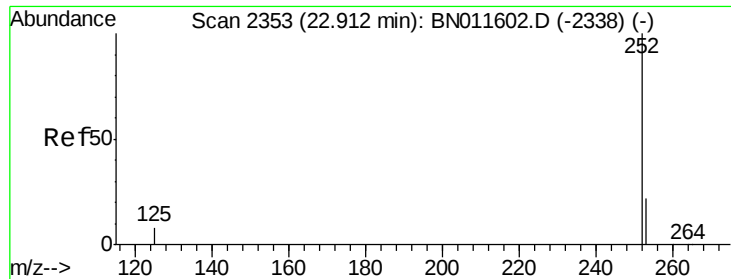


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(b)fluoranthene

Concen: 0.295 ng

RT: 22.92 min Scan# 2354

Delta R.T. 0.00 min

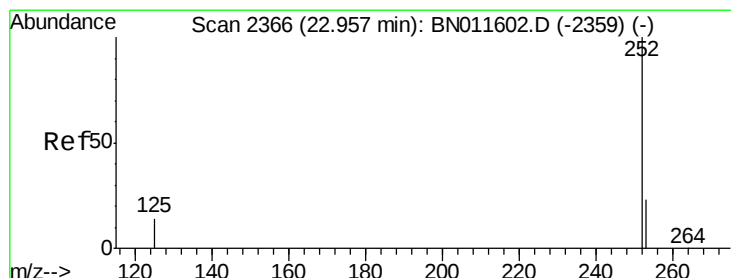
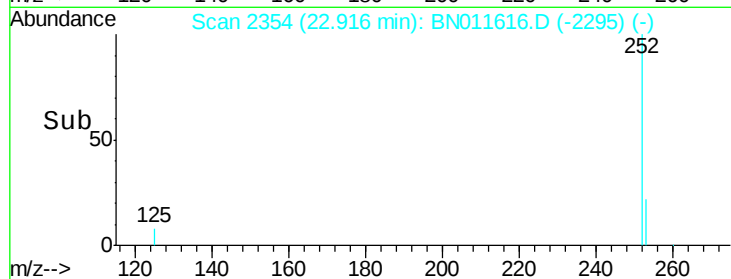
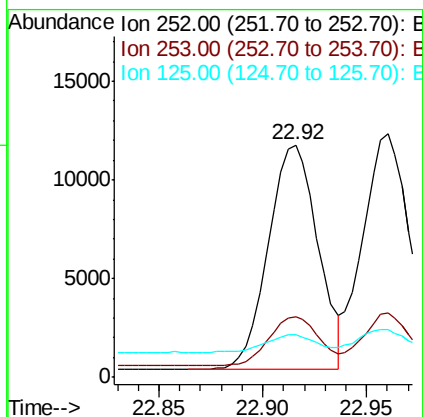
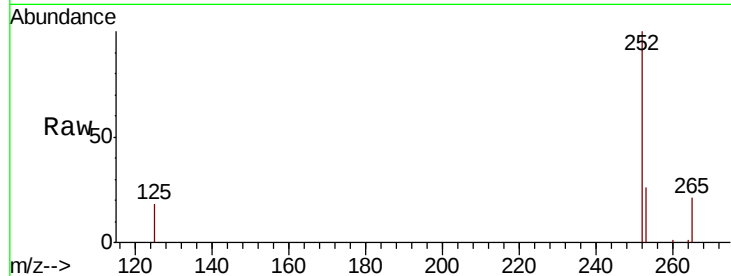
Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

Instrument :
BNA_N
ClientSampleId :
CS-3MSD

Tot Ion:252 Resp: 18850

Ion	Ratio	Lower	Upper
252	100		
253	26.3	21.0	31.6
125	18.3	11.0	16.6#



#38

Benzo(k)fluoranthene

Concen: 0.297 ng

RT: 22.96 min Scan# 2367

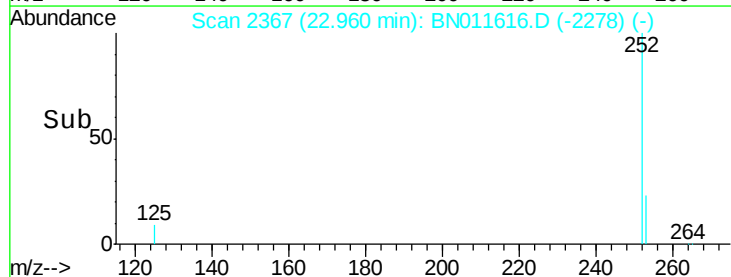
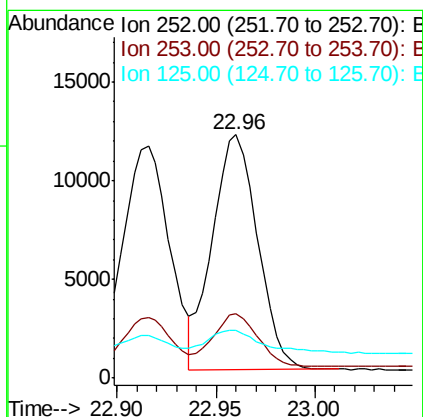
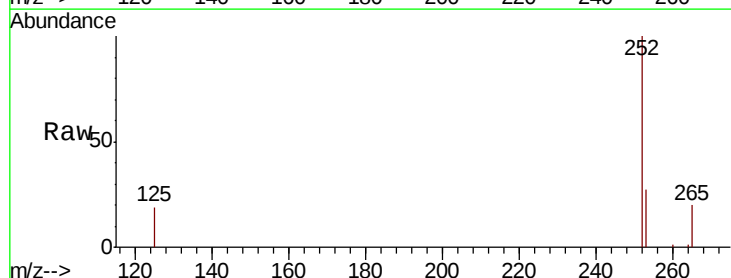
Delta R.T. 0.00 min

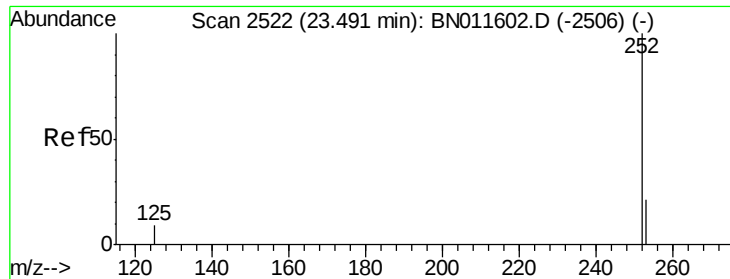
Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

Tgt Ion:252 Resp: 18882

Ion	Ratio	Lower	Upper
252	100		
253	26.7	21.2	31.8
125	19.4	14.6	21.8





#39

Benzo(a)pyrene

Concen: 0.293 ng

RT: 23.49 min Scan# 2523

Delta R.T. 0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

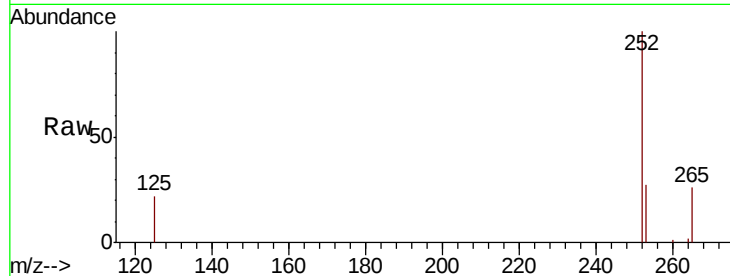
Tot Ion:252 Resp: 17439

Ion Ratio Lower Upper

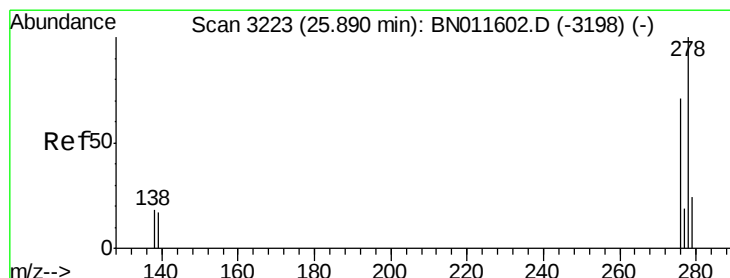
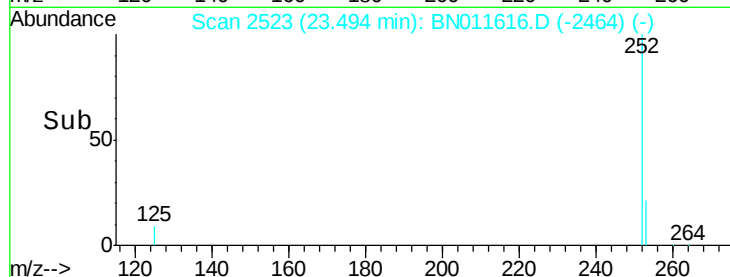
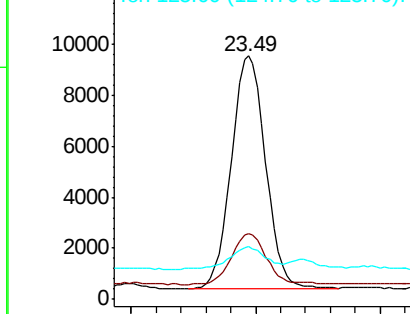
252 100

253 26.8 21.2 31.8

125 21.8 12.1 18.1#



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



#40

Dibenzo(a,h)anthracene

Concen: 0.319 ng

RT: 25.89 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

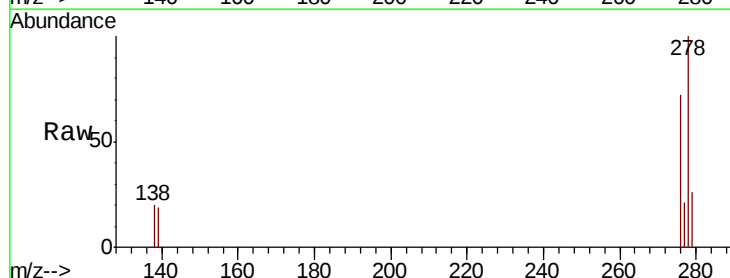
Tgt Ion:278 Resp: 19871

Ion Ratio Lower Upper

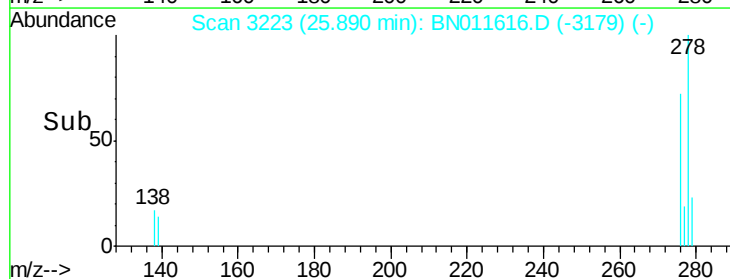
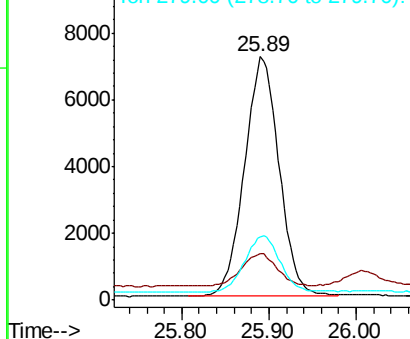
278 100

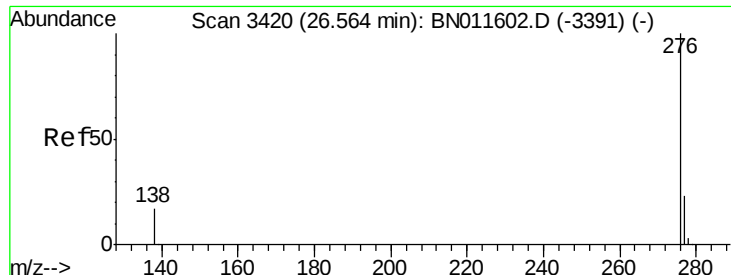
139 19.2 16.6 25.0

279 26.0 21.4 32.2



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





#41

Benzo(a,h,i)perylene

Concen: 0.338 ng

RT: 26.56 min Scan# 3420

Delta R.T. 0.00 min

Lab File: BN011616.D

Acq: 25 Aug 2020 15:24

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

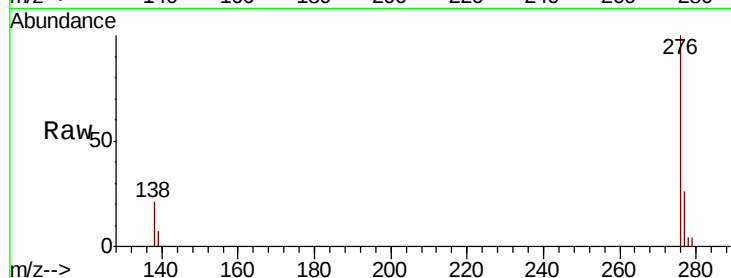
Tot Ion:276 Resp: 20388

Ion Ratio Lower Upper

276 100

277 26.4 20.5 30.7

138 20.7 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

