

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
 Data File : BN008898.D
 Acq On : 10 Dec 2019 10:14
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 10 15:05:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 17:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2975	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	12576	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	9105	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	21660	0.40	ng	0.00
27) Chrysene-d12	21.13	240	22185	0.40	ng	0.00
34) Perylene-d12	23.28	264	22581	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	3057	0.40	ng	0.00
5) Phenol-d6	6.75	99	4160	0.40	ng	0.00
8) Nitrobenzene-d5	8.69	82	4117	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	9044	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	1692	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.80	172	14033	0.41	ng	-0.01
25) Fluoranthene-d10	18.97	212	25981	0.40	ng	0.00
29) Terphenyl-d14	19.58	244	20737	0.41	ng	0.00

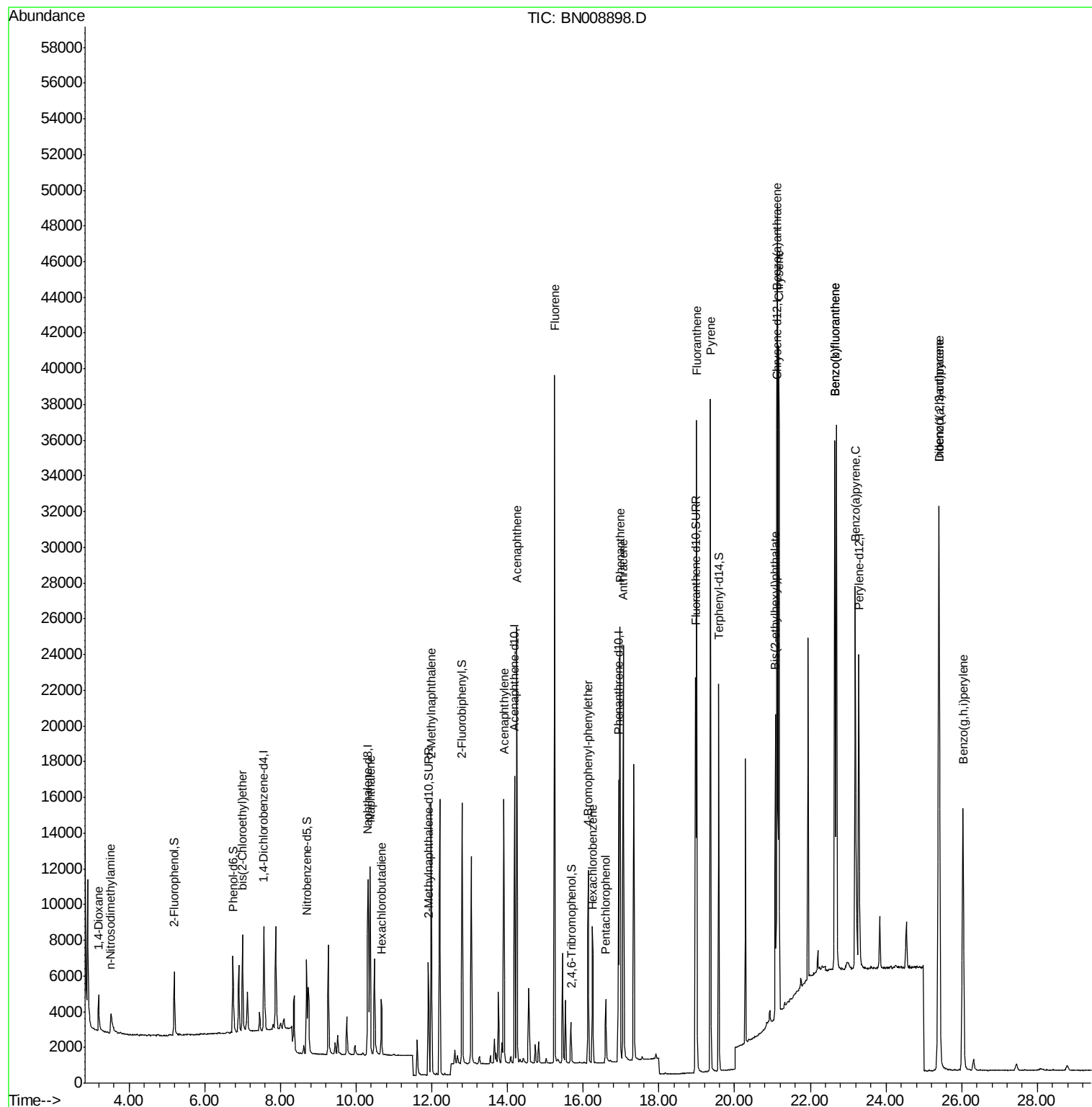
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	1178	0.422	ng	100
3) n-Nitrosodimethylamine	3.52	42	1349	0.350	ng	# 96
6) bis(2-Chloroethyl)ether	7.00	93	4169	0.423	ng	99
9) Naphthalene	10.37	128	14466	0.422	ng	99
10) Hexachlorobutadiene	10.66	225	2747	0.418	ng	# 99
12) 2-Methylnaphthalene	11.98	142	10895	0.426	ng	99
16) Acenaphthylene	13.90	152	17411	0.418	ng	100
17) Acenaphthene	14.25	154	11713	0.424	ng	98
18) Fluorene	15.24	166	16071	0.432	ng	100
20) 4-Bromophenyl-phenylether	16.14	248	5207	0.402	ng	96
21) Hexachlorobenzene	16.25	284	6003	0.407	ng	99
22) Pentachlorophenol	16.59	266	2039	0.383	ng	99
23) Phenanthrene	16.98	178	27844	0.408	ng	100
24) Anthracene	17.06	178	23924	0.398	ng	99
26) Fluoranthene	19.00	202	32933	0.406	ng	99
28) Pyrene	19.36	202	33284	0.428	ng	100
30) Benzo(a)anthracene	21.12	228	33225	0.422	ng	99
31) Chrysene	21.16	228	34332	0.421	ng	97
32) Bis(2-ethylhexyl)phthalate	21.08	149	14100	0.383	ng	100
33) Indeno(1,2,3-cd)pyrene	25.39	276	35271	0.409	ng	99
35) Benzo(b)fluoranthene	22.65	252	33802	0.418	ng	99
36) Benzo(k)fluoranthene	22.65	252	33802	0.415	ng	99
37) Benzo(a)pyrene	23.19	252	30605	0.422	ng	100
38) Dibenzo(a,h)anthracene	25.40	278	28454	0.418	ng	99
39) Benzo(g,h,i)perylene	26.03	276	27925	0.415	ng	100

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

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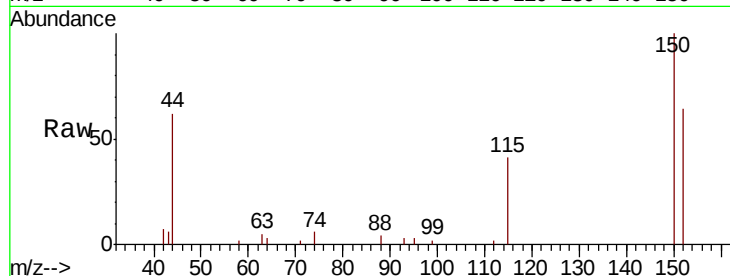


#1

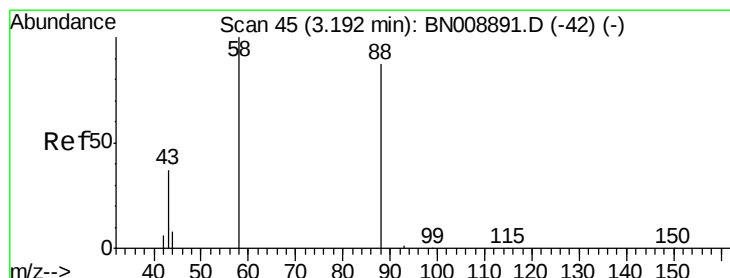
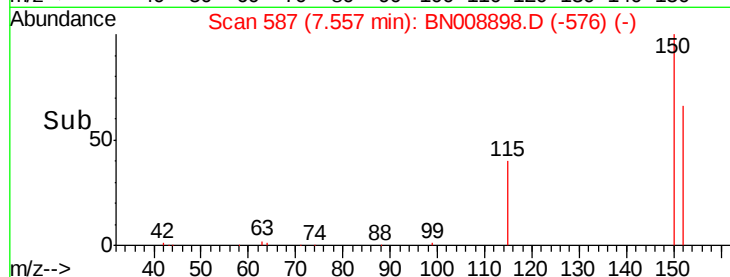
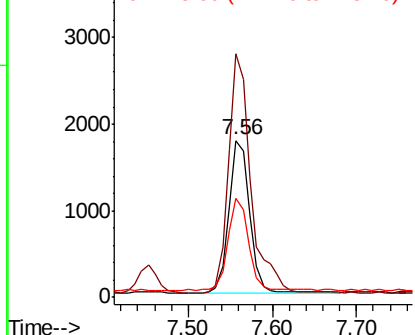
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. -0.01 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 2975
Ion Ratio Lower Upper
152 100
150 155.1 122.3 183.5
115 63.0 48.4 72.6



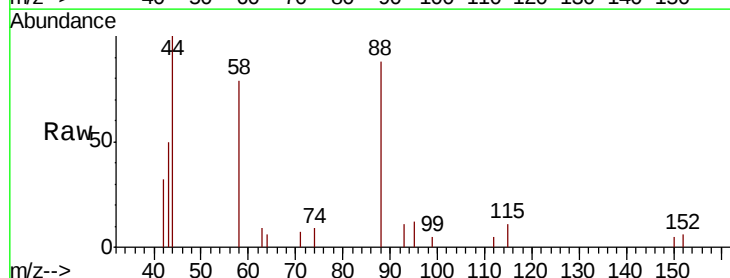
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



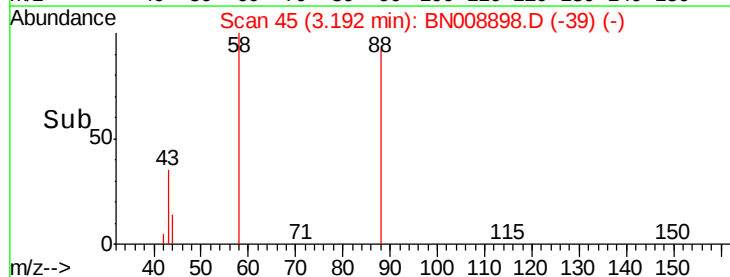
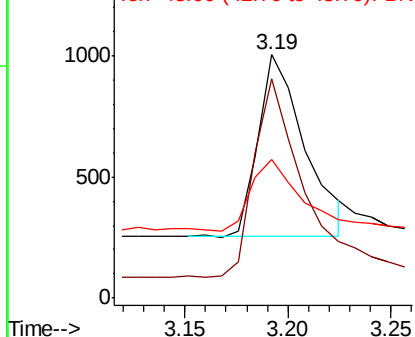
#2

1,4-Dioxane
Concen: 0.422 ng
RT: 3.19 min Scan# 45
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion: 88 Resp: 1178
Ion Ratio Lower Upper
88 100
58 110.1 88.6 132.8
43 39.6 31.8 47.8



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: 0.350 ng

RT: 3.52 min Scan# 86

Delta R.T. 0.01 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

Instrument :

BNA_N

ClientSampled :

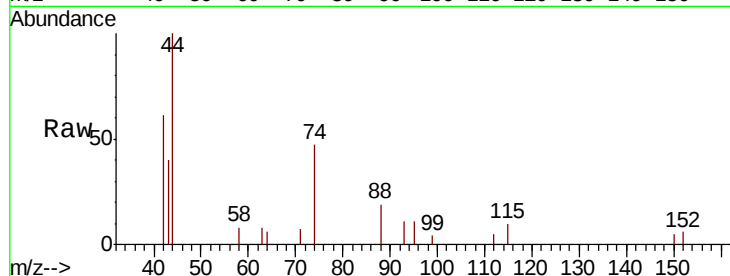
Tot Ion: 42 Resp: 1349

Ion Ratio Lower Upper

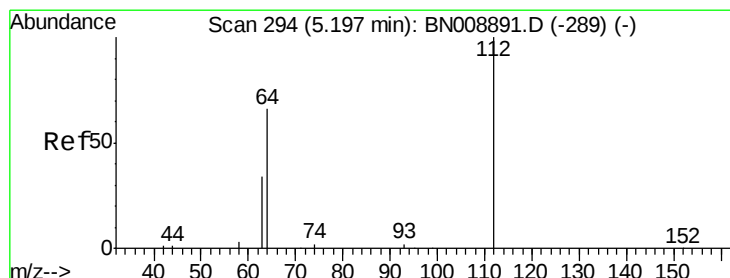
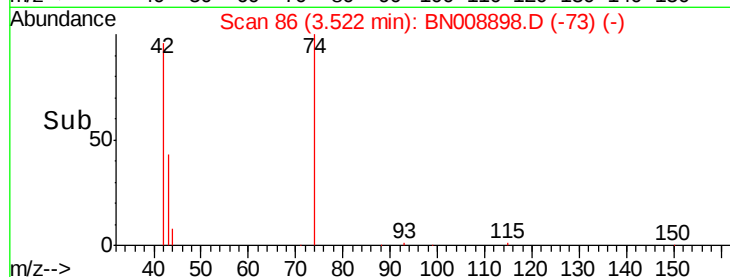
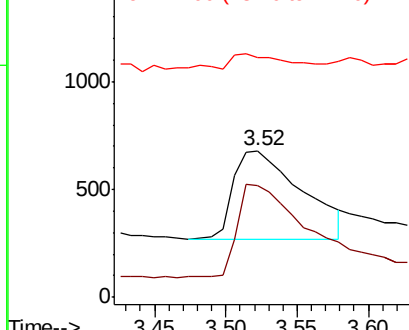
42 100

74 102.1 78.6 117.8

44 16.0 0.0 0.0#



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: 0.404 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

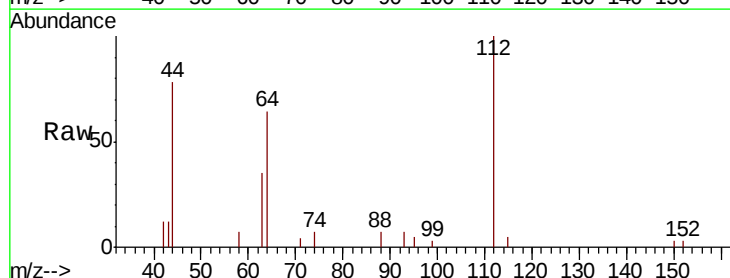
Tgt Ion: 112 Resp: 3057

Ion Ratio Lower Upper

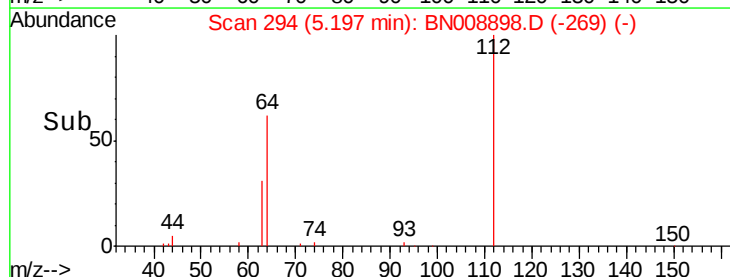
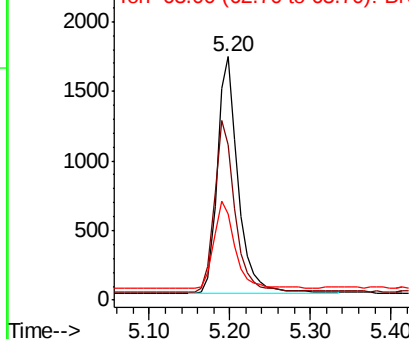
112 100

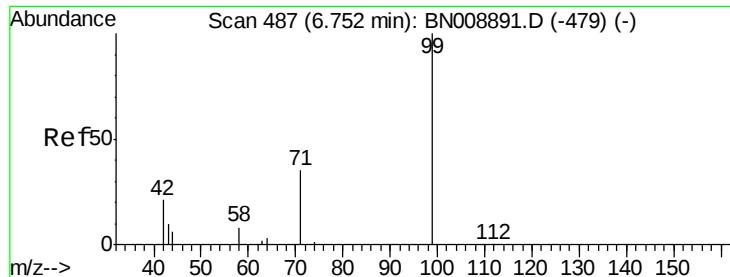
64 70.0 57.7 86.5

63 37.1 29.6 44.4



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: 0.398 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

Instrument :

BNA_N

ClientSampleId :

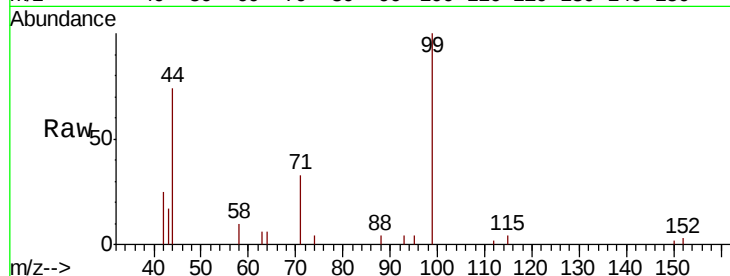
Tot Ion: 99 Resp: 4160

Ion Ratio Lower Upper

99 100

42 24.5 20.1 30.1

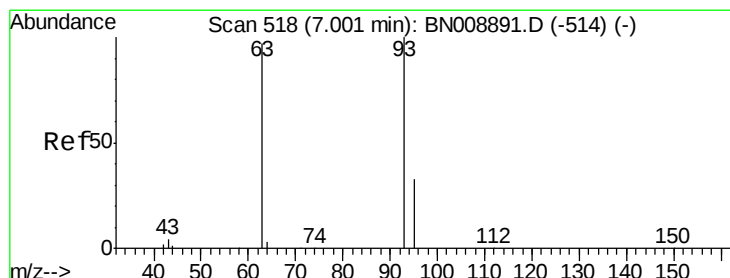
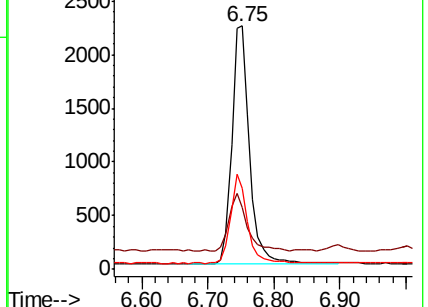
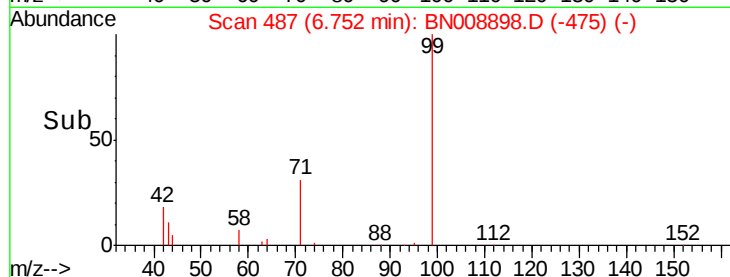
71 35.1 28.2 42.2



Abundance Ion 99.00 (98.70 to 99.70): BN008898.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN008898.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN008898.D (-475) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.423 ng

RT: 7.00 min Scan# 518

Delta R.T. 0.00 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

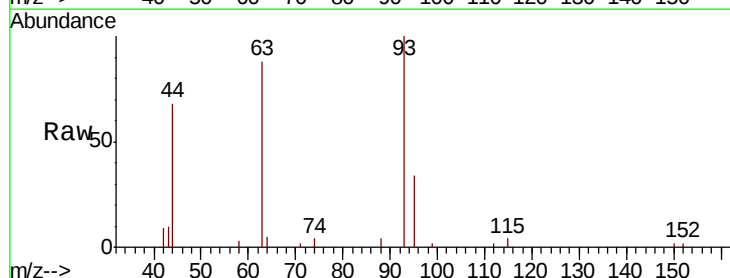
Tgt Ion: 93 Resp: 4169

Ion Ratio Lower Upper

93 100

63 92.8 73.5 110.3

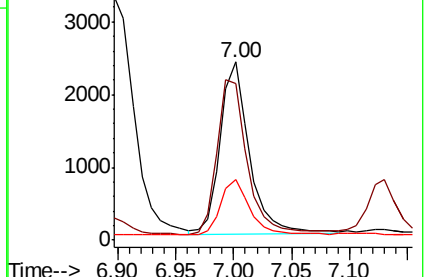
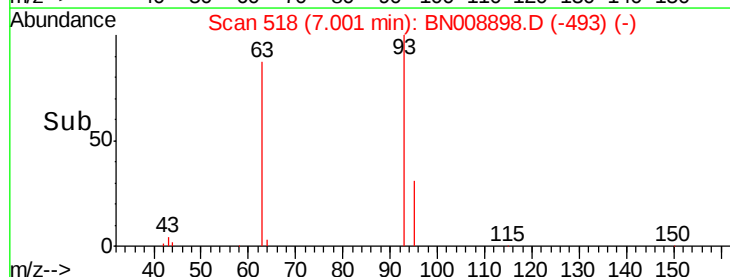
95 32.3 26.0 39.0

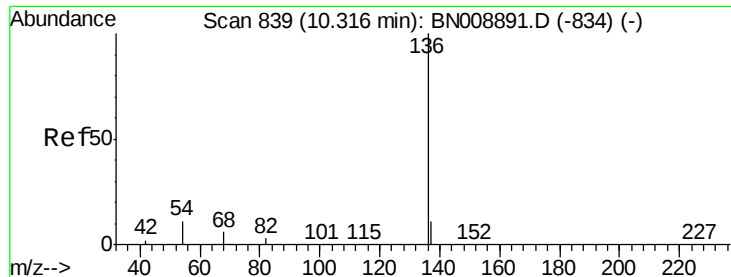


Abundance Ion 93.00 (92.70 to 93.70): BN008898.D (-493) (-)

Ion 63.00 (62.70 to 63.70): BN008898.D (-493) (-)

Ion 95.00 (94.70 to 95.70): BN008898.D (-493) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 12576

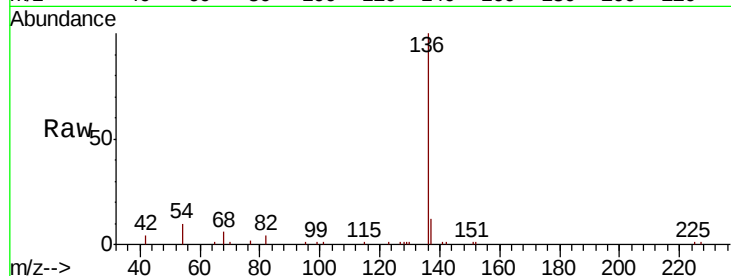
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 10.1 9.6 14.4

68 5.9 5.6 8.4

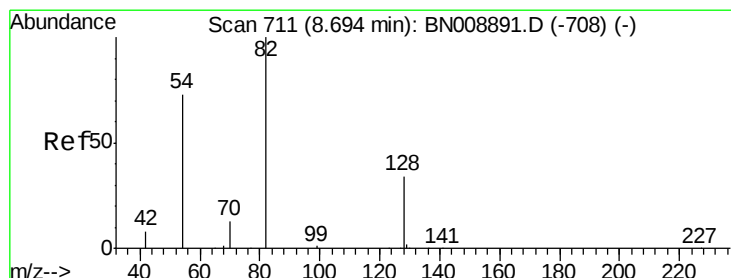
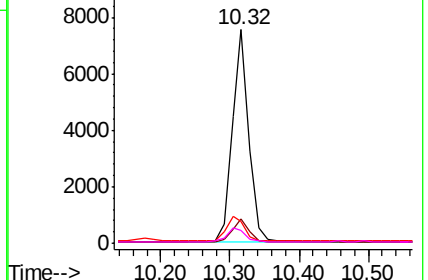
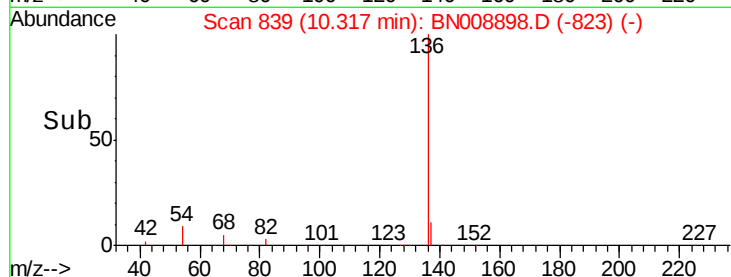


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.386 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

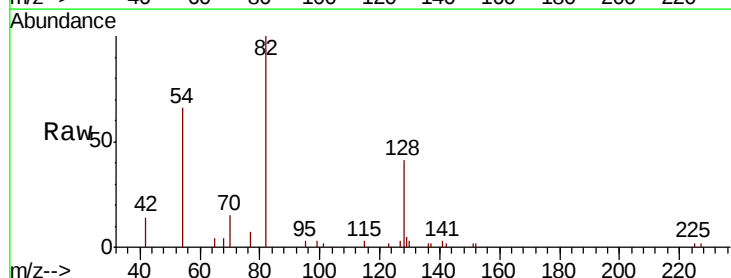
Tgt Ion: 82 Resp: 4117

Ion Ratio Lower Upper

82 100

128 40.9 29.1 43.7

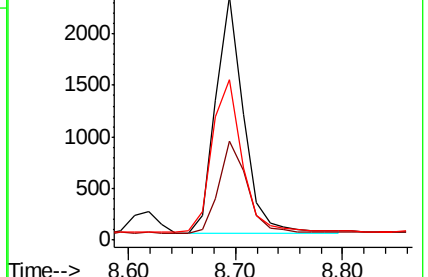
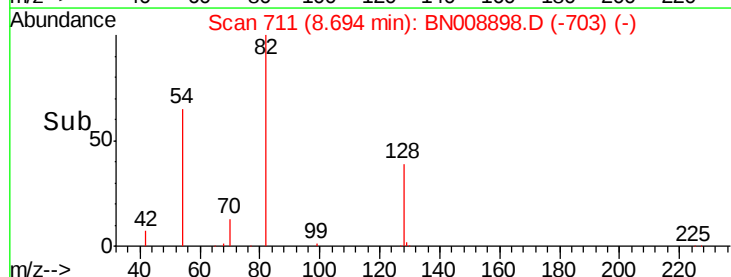
54 66.0 59.7 89.5

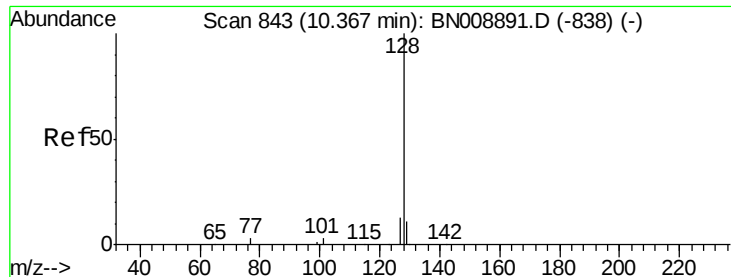


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.422 ng

RT: 10.37 min Scan# 843

Delta R.T. 0.00 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

Instrument :

BNA_N

ClientSampleId :

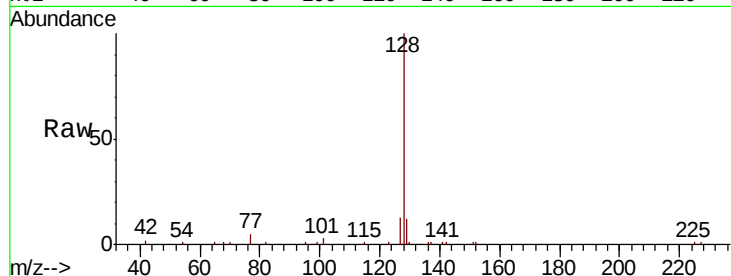
Tot Ion:128 Resp: 14466

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

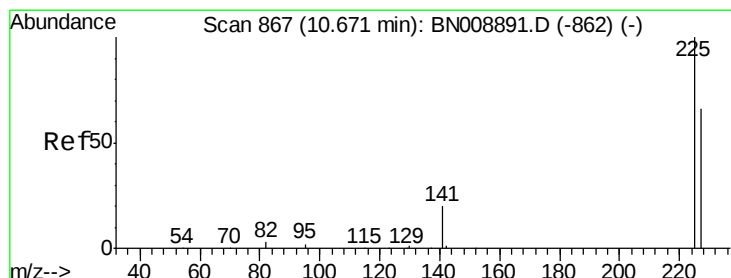
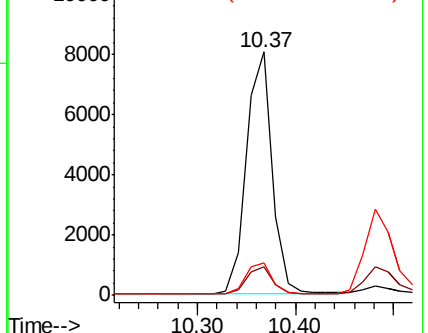
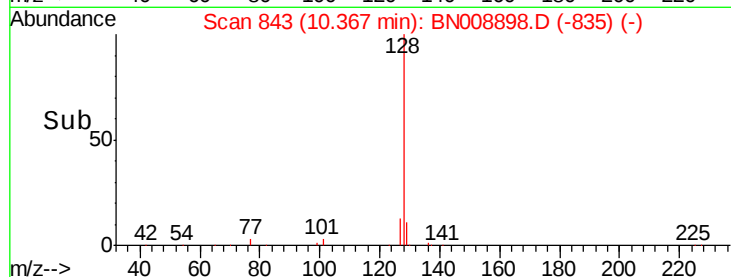
127 13.1 10.8 16.2



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: 0.418 ng

RT: 10.66 min Scan# 866

Delta R.T. -0.01 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

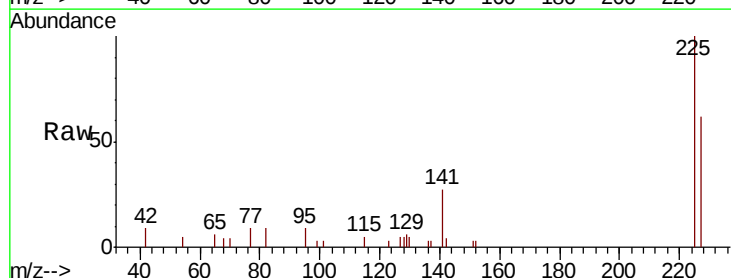
Tgt Ion:225 Resp: 2747

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

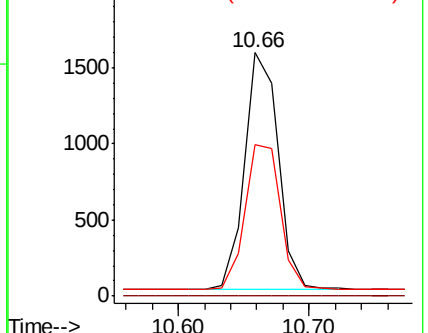
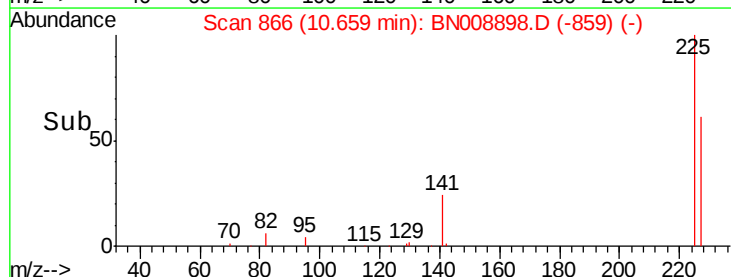
227 64.8 51.4 77.2

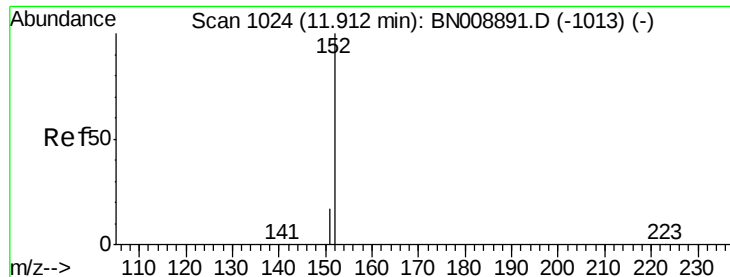


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

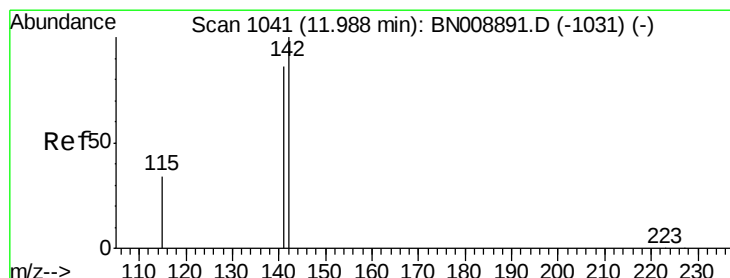
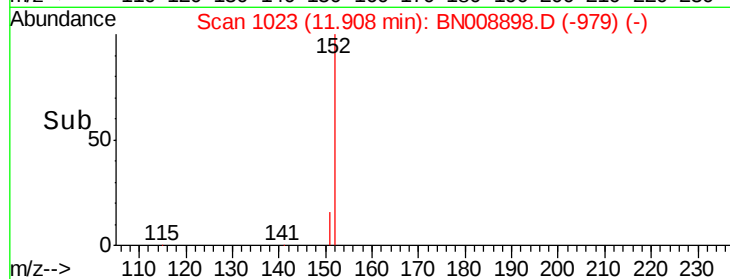
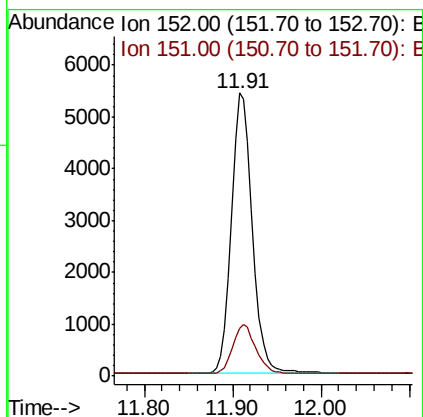
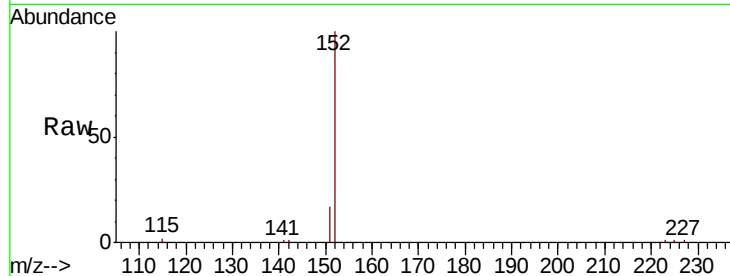




#11
 2-Methylnaphthalene-d10
 Concen: 0.421 ng
 RT: 11.91 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BN008898.D
 Acq: 10 Dec 2019 10:14

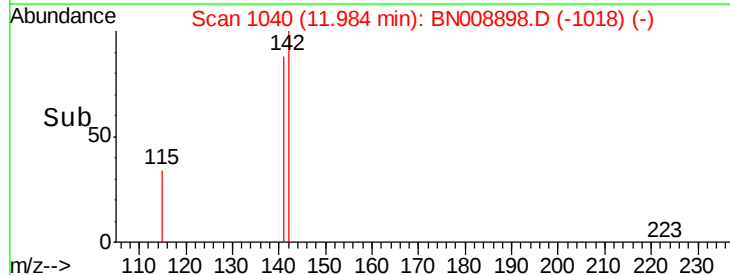
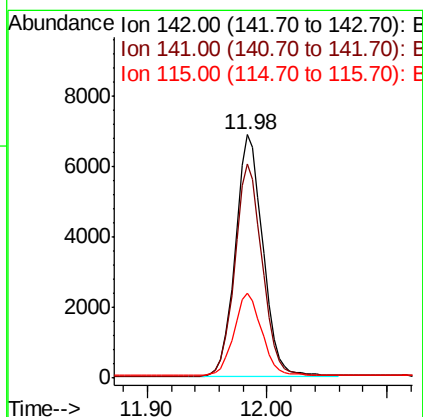
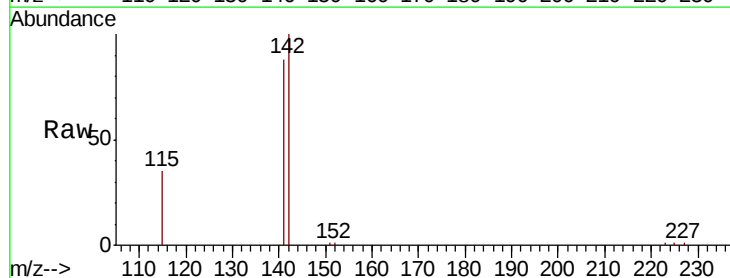
Instrument :
 BNA_N
 ClientSampleId :

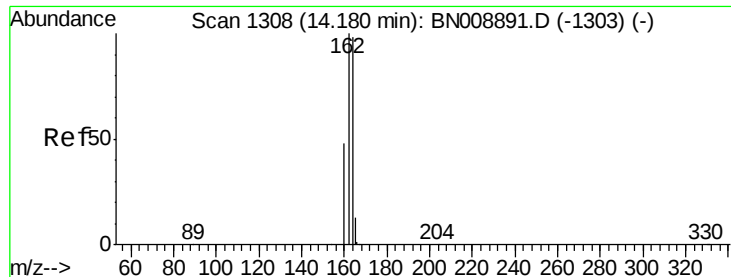
Tot Ion:152 Resp: 9044
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.426 ng
 RT: 11.98 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BN008898.D
 Acq: 10 Dec 2019 10:14

Tgt Ion:142 Resp: 10895
 Ion Ratio Lower Upper
 142 100
 141 88.1 69.3 103.9
 115 35.1 27.9 41.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

Instrument :

BNA_N

ClientSampleId :

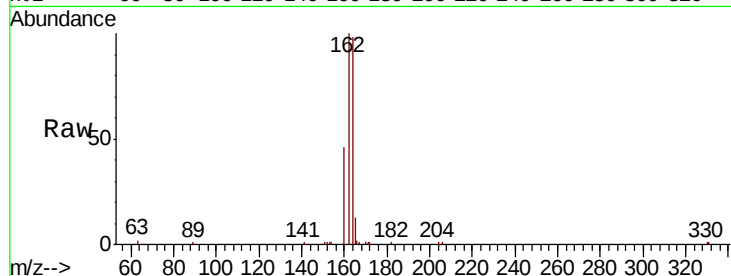
Tot Ion:164 Resp: 9105

Ion Ratio Lower Upper

164 100

162 102.5 81.9 122.9

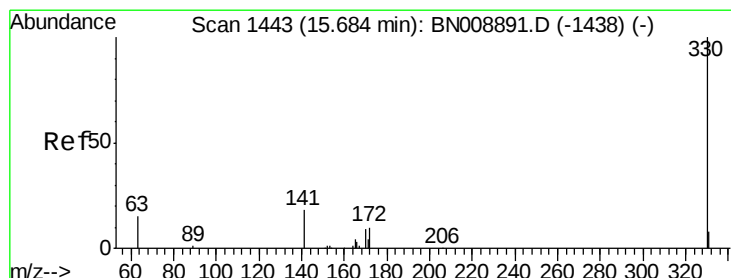
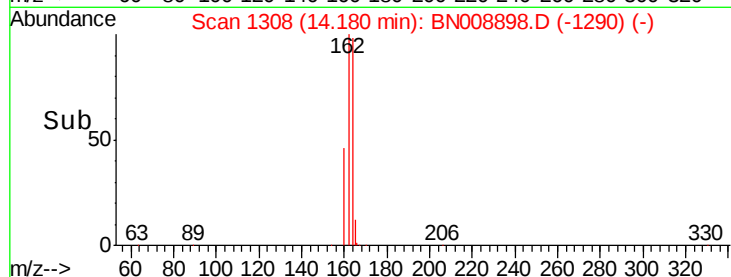
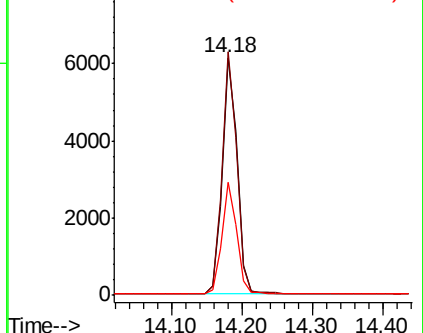
160 47.5 39.3 58.9



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: 0.387 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

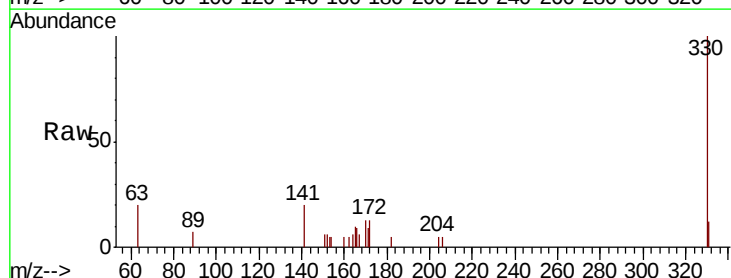
Tgt Ion:330 Resp: 1692

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

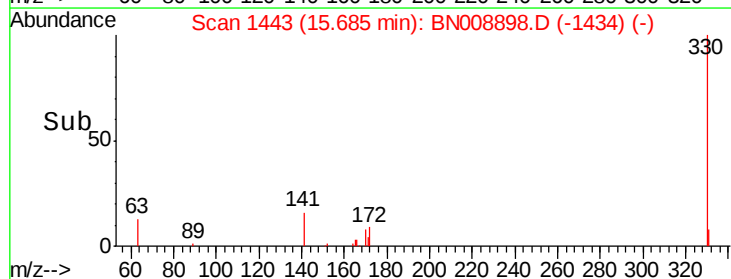
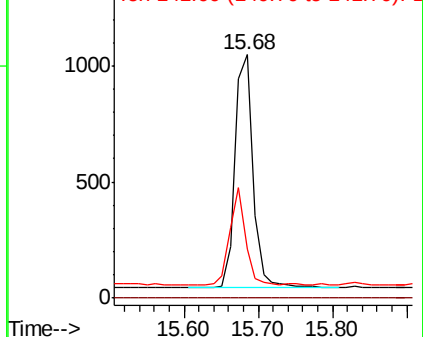
141 35.8 29.6 44.4



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

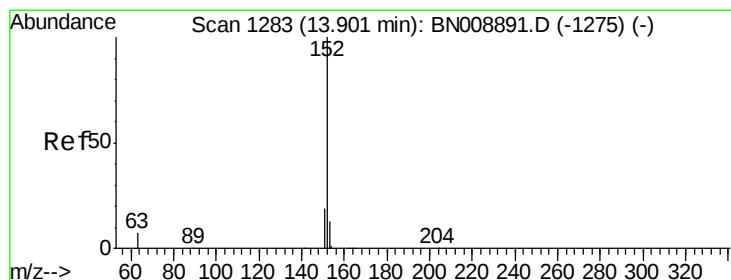
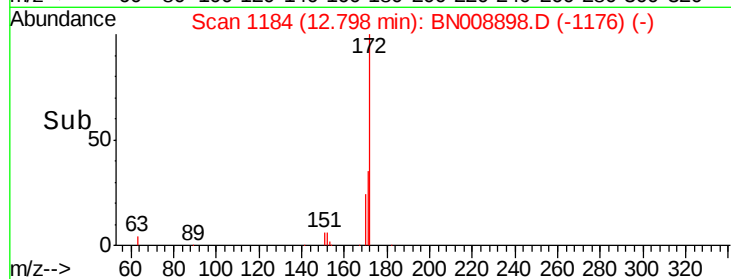
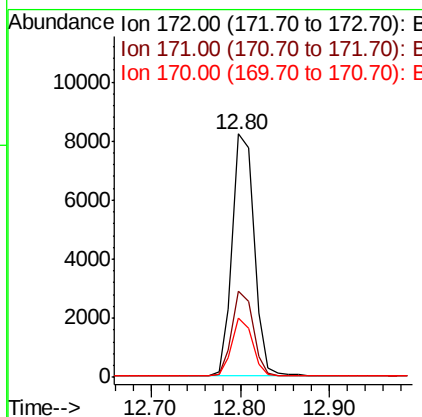
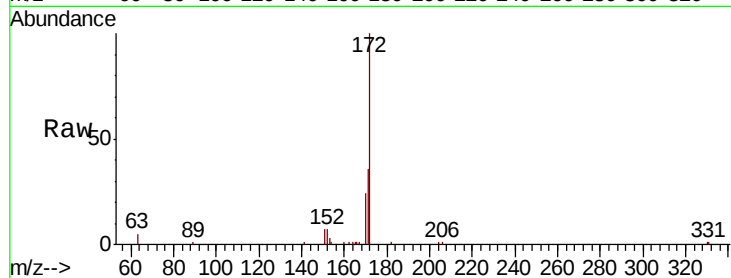




#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 12.80 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

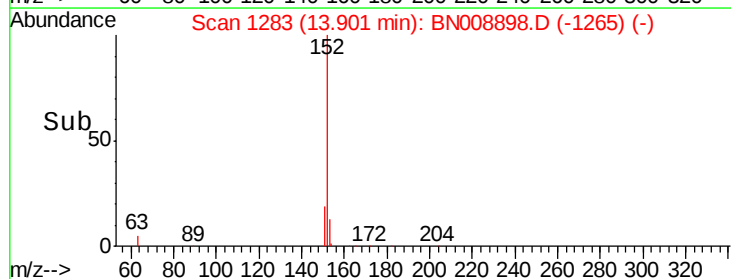
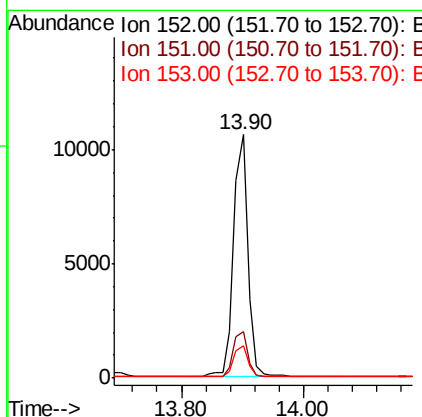
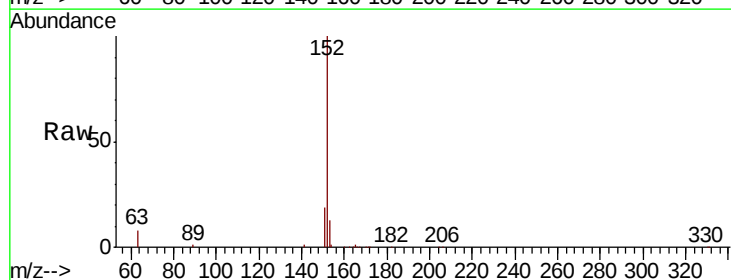
Instrument :
BNA_N
ClientSampleId :

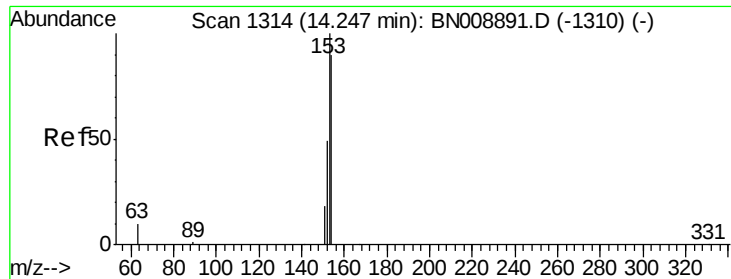
Tot Ion:172 Resp: 14033
Ion Ratio Lower Upper
172 100
171 35.5 27.1 40.7
170 24.2 17.7 26.5



#16
Acenaphthylene
Concen: 0.418 ng
RT: 13.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion:152 Resp: 17411
Ion Ratio Lower Upper
152 100
151 19.1 15.3 22.9
153 12.9 10.3 15.5

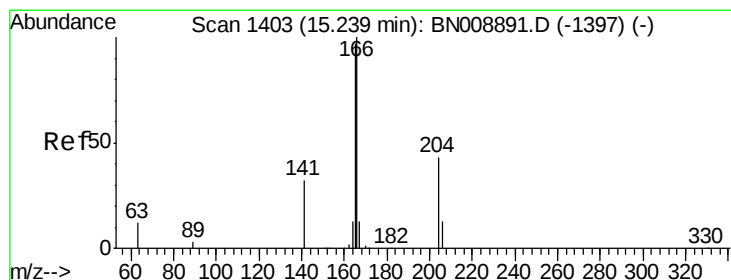
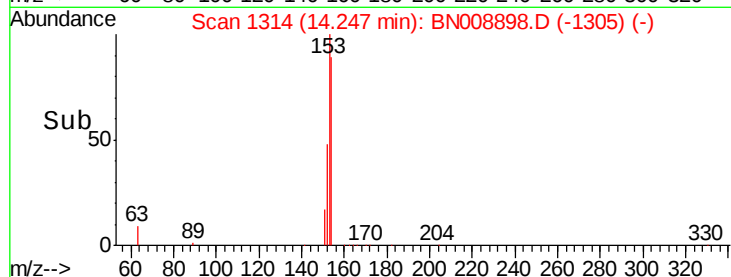
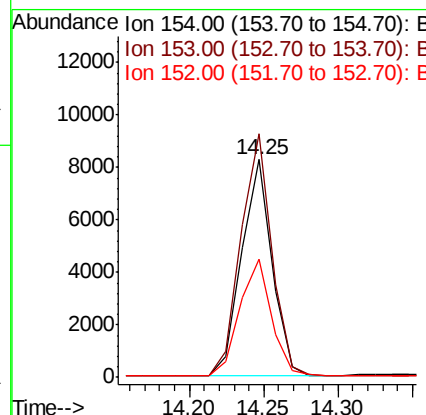
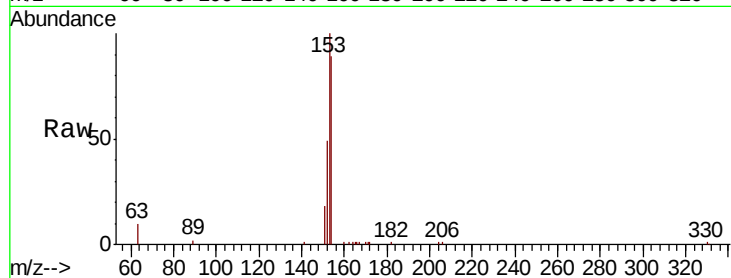




#17
Acenaphthene
Concen: 0.424 ng
RT: 14.25 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

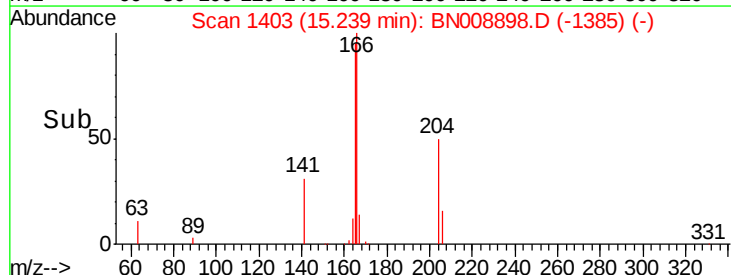
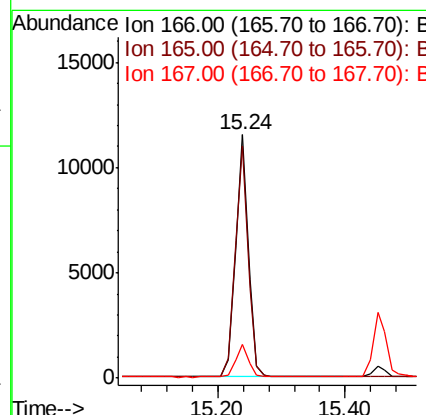
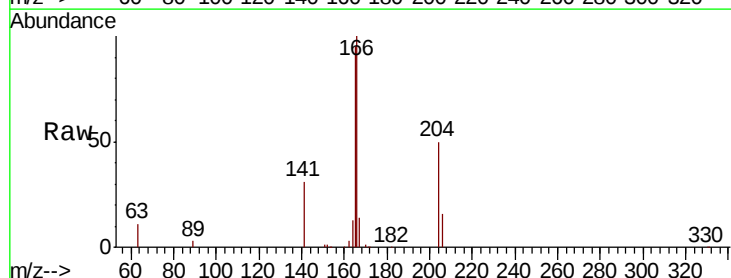
Instrument :
BNA_N
ClientSampleId :

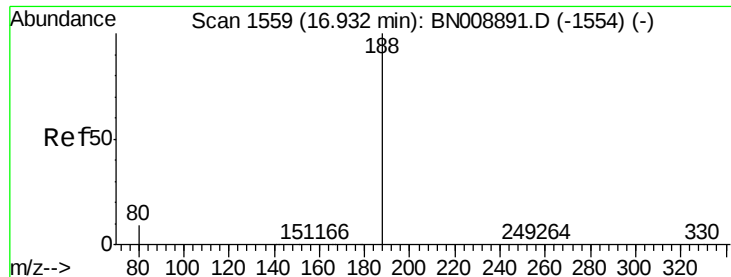
Tot Ion:154 Resp: 11713
Ion Ratio Lower Upper
154 100
153 113.7 89.2 133.8
152 56.2 44.2 66.4



#18
Fluorene
Concen: 0.432 ng
RT: 15.24 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion:166 Resp: 16071
Ion Ratio Lower Upper
166 100
165 96.9 77.3 115.9
167 13.8 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

Instrument :

BNA_N

ClientSampleId :

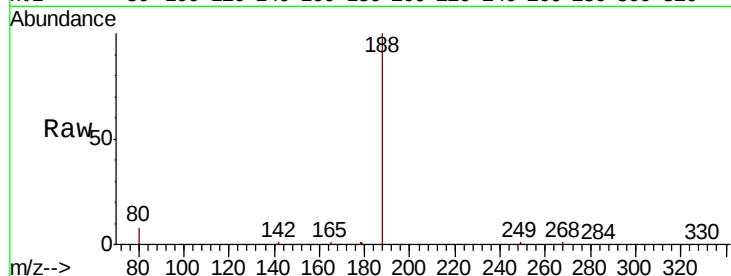
Tot Ion:188 Resp: 21660

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

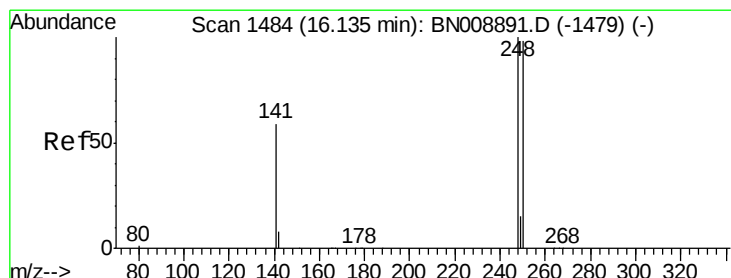
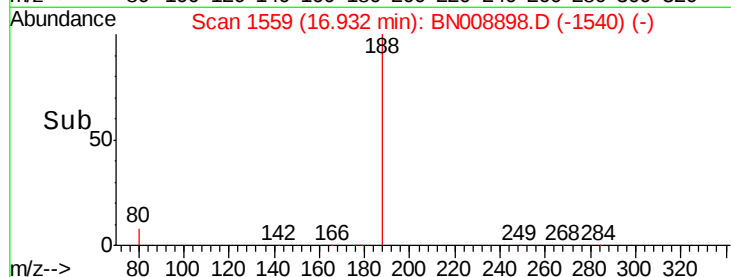
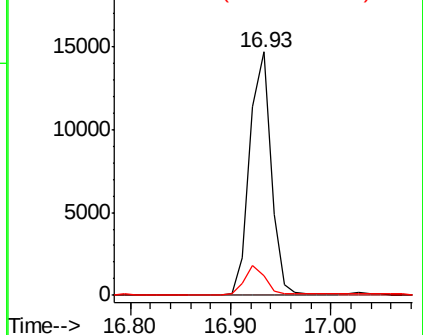
80 7.9 7.3 10.9



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: 0.402 ng

RT: 16.14 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

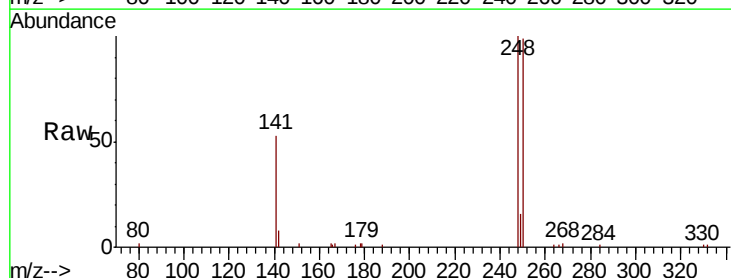
Tgt Ion:248 Resp: 5207

Ion Ratio Lower Upper

248 100

250 98.8 78.7 118.1

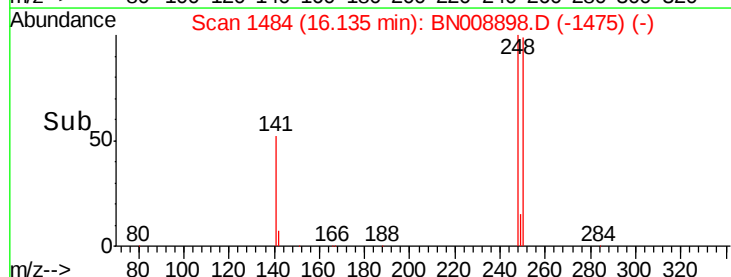
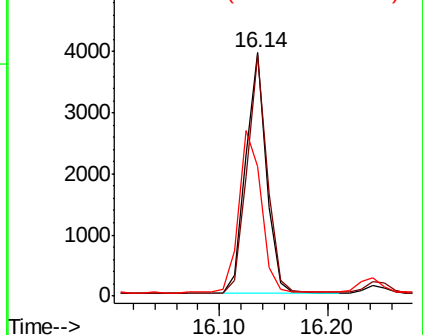
141 53.4 47.9 71.9

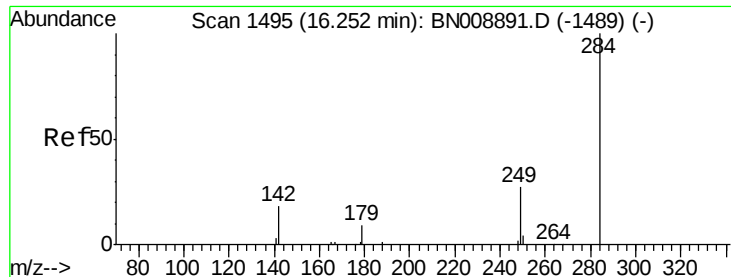


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.407 ng

RT: 16.25 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

Instrument :

BNA_N

ClientSampleId :

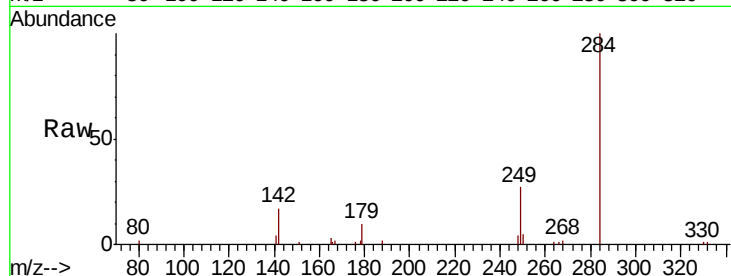
Tot Ion:284 Resp: 6003

Ion Ratio Lower Upper

284 100

142 34.0 27.8 41.6

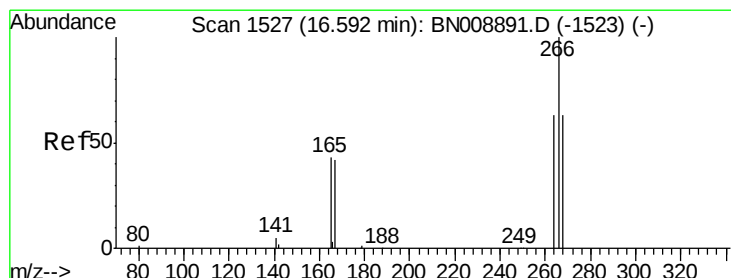
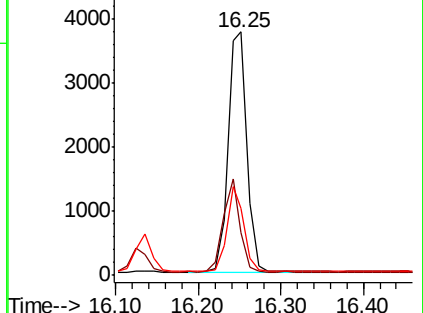
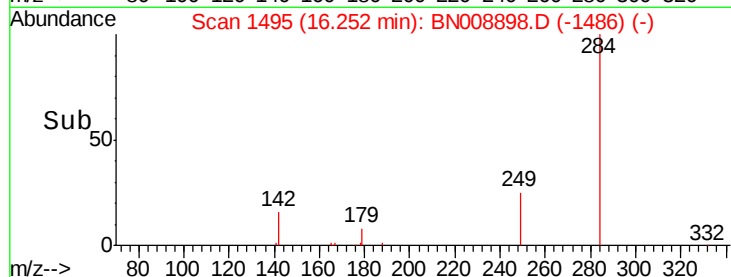
249 31.1 25.3 37.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.383 ng

RT: 16.59 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

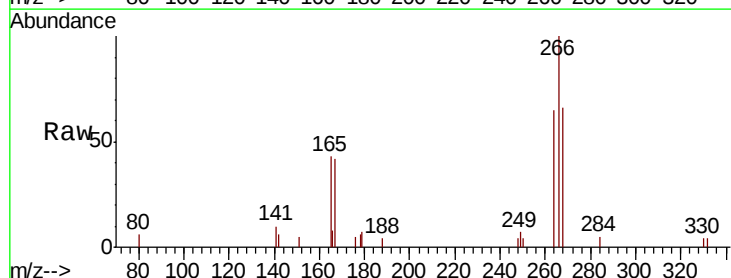
Tgt Ion:266 Resp: 2039

Ion Ratio Lower Upper

266 100

264 65.4 51.5 77.3

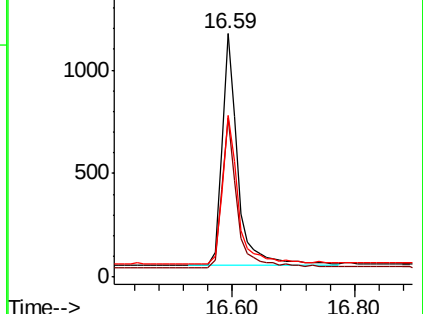
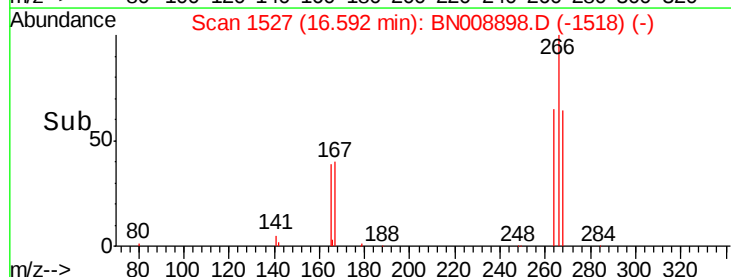
268 66.3 53.1 79.7

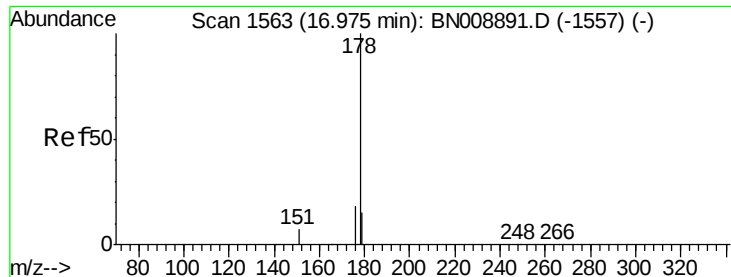


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.408 ng

RT: 16.98 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

Instrument :

BNA_N

ClientSampleId :

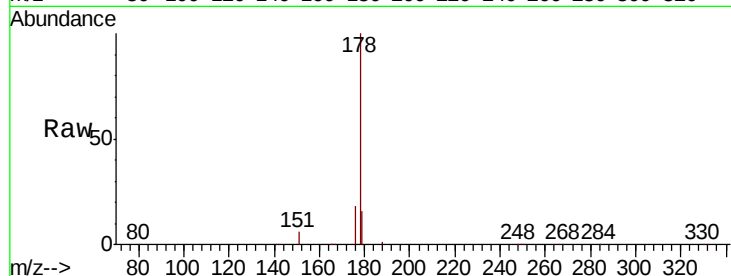
Tot Ion:178 Resp: 27844

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

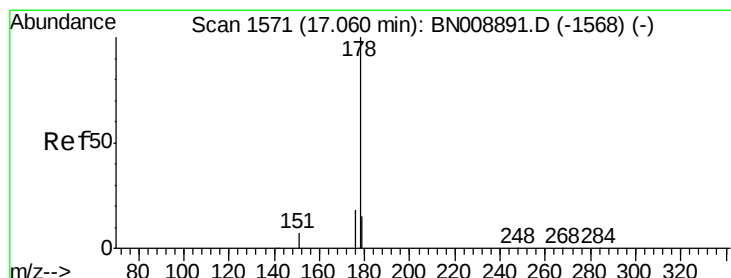
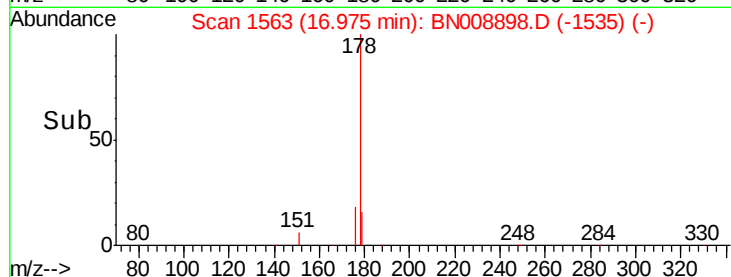
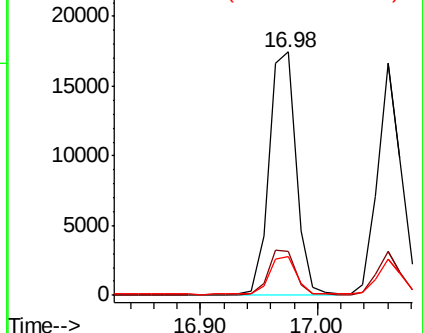
179 15.6 12.3 18.5



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: 0.398 ng

RT: 17.06 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

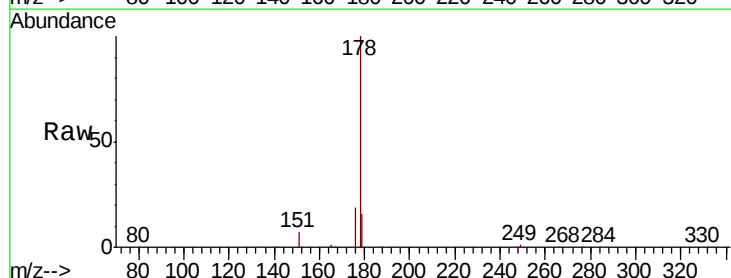
Tgt Ion:178 Resp: 23924

Ion Ratio Lower Upper

178 100

176 18.2 14.4 21.6

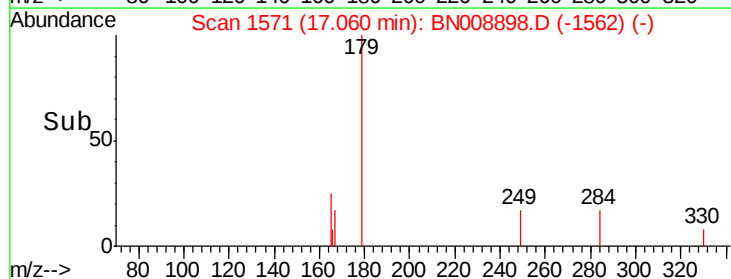
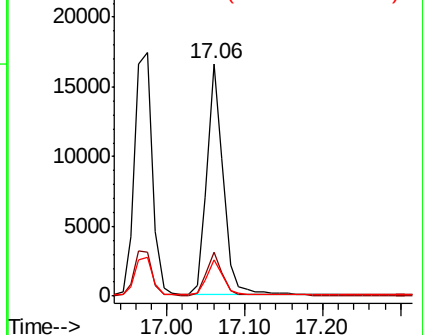
179 15.4 12.1 18.1

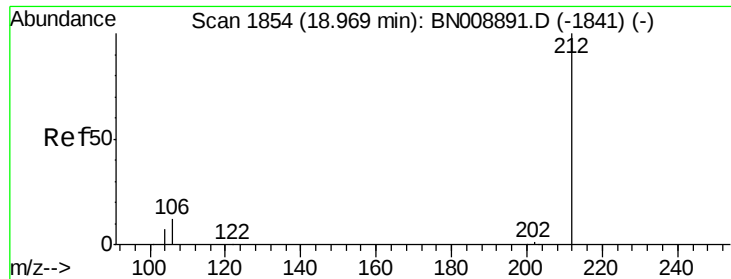


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.396 ng

RT: 18.97 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

Instrument :

BNA_N

ClientSampleId :

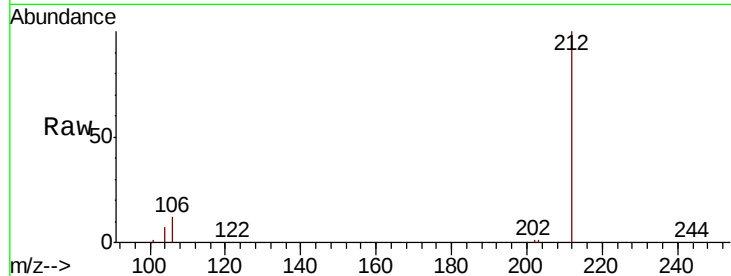
Tot Ion:212 Resp: 25981

Ion Ratio Lower Upper

212 100

106 13.1 10.4 15.6

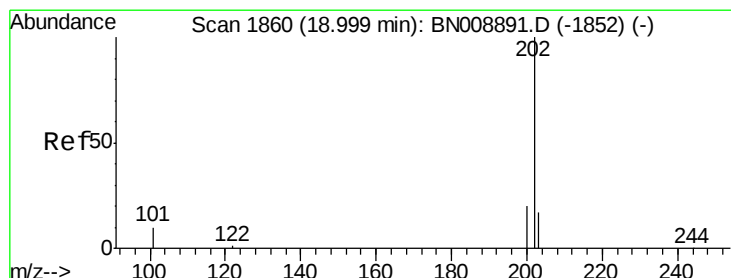
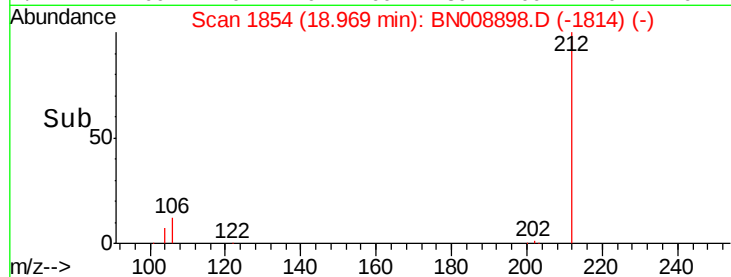
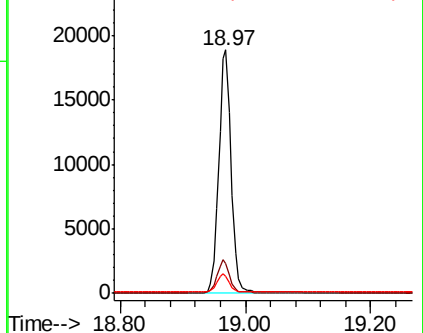
104 7.4 5.9 8.9



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



#26

Fluoranthene

Concen: 0.406 ng

RT: 19.00 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

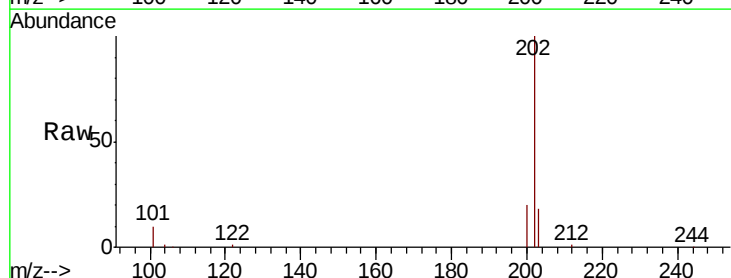
Tgt Ion:202 Resp: 32933

Ion Ratio Lower Upper

202 100

101 11.3 8.8 13.2

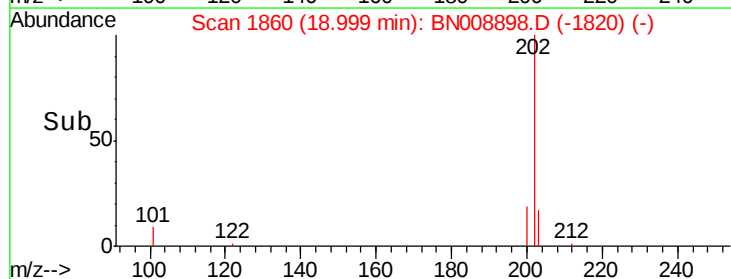
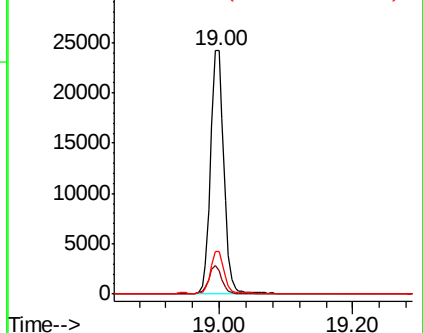
203 17.0 13.8 20.6



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

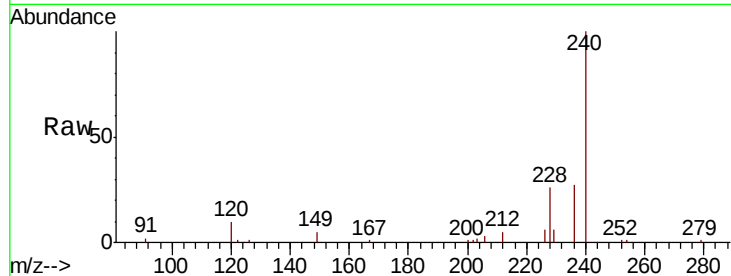




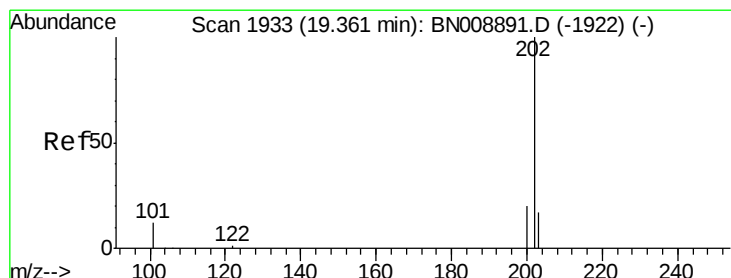
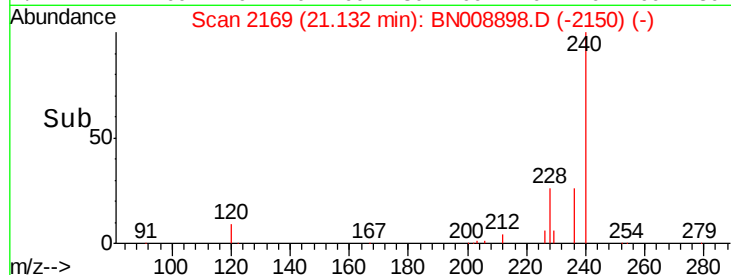
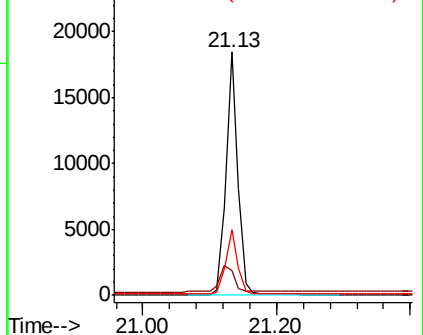
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Instrument :
BNA_N
ClientSampled :

Tot Ion:240 Resp: 22185
Ion Ratio Lower Upper
240 100
120 10.3 9.1 13.7
236 26.9 21.5 32.3

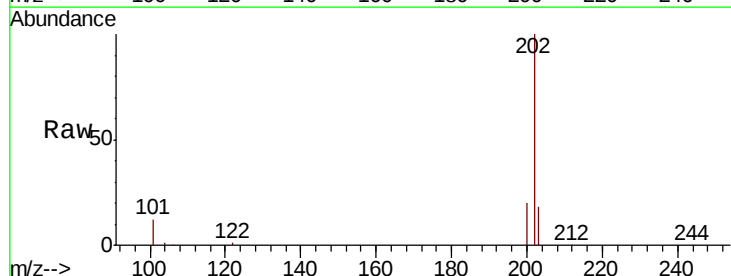


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

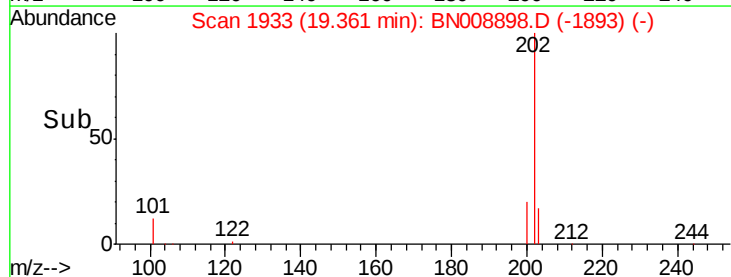
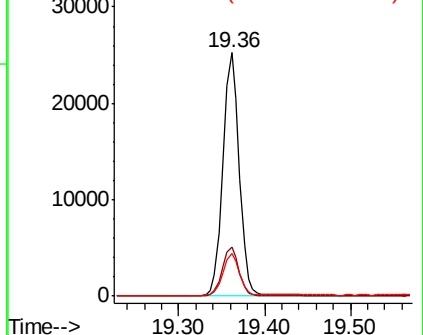


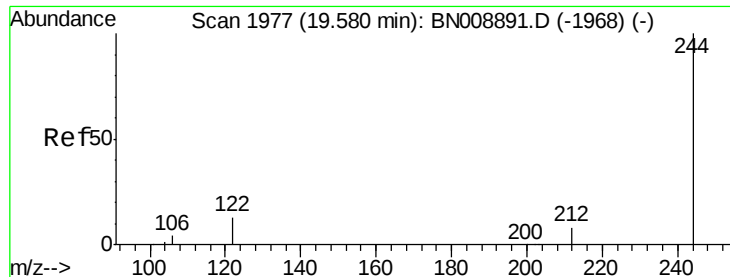
#28
Pyrene
Concen: 0.428 ng
RT: 19.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion:202 Resp: 33284
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.5 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: 0.410 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

Instrument :

BNA_N

ClientSampleId :

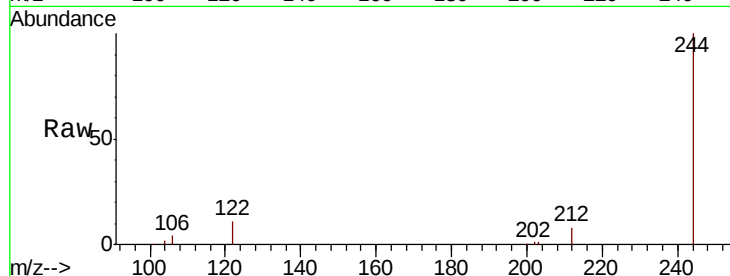
Tot Ion:244 Resp: 20737

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

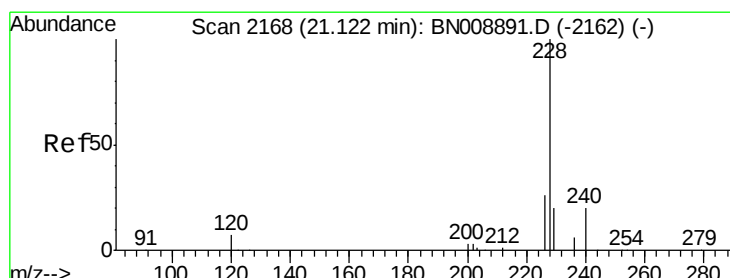
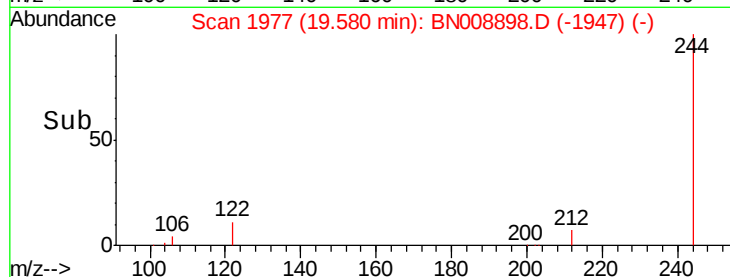
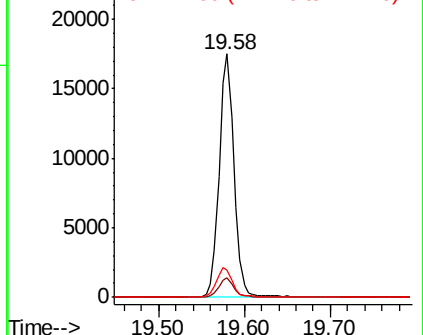
122 11.4 10.4 15.6



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: 0.422 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

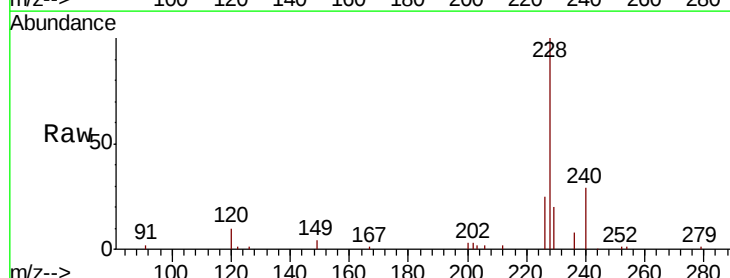
Tgt Ion:228 Resp: 33225

Ion Ratio Lower Upper

228 100

226 25.4 20.6 30.8

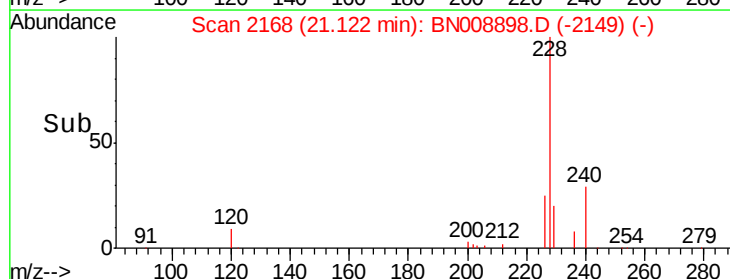
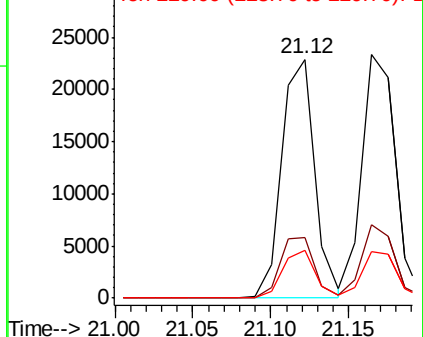
229 20.1 15.9 23.9



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: 0.421 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

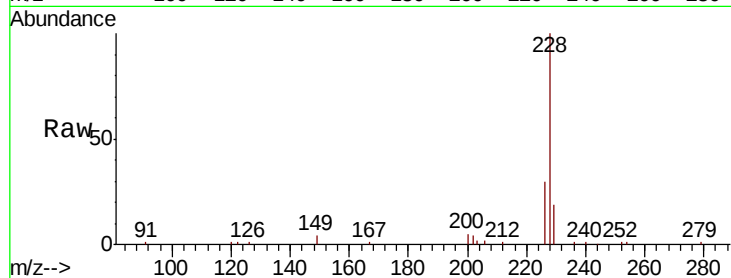
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 34332

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.2	33.4
229	19.2	15.9	23.9

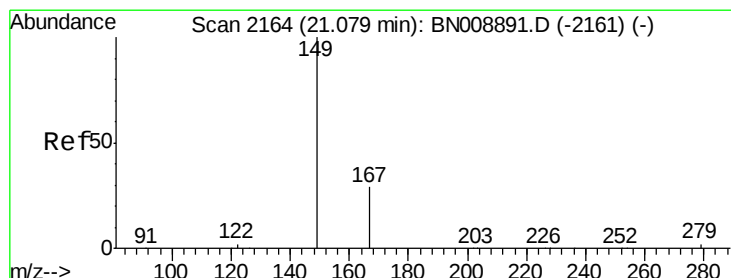
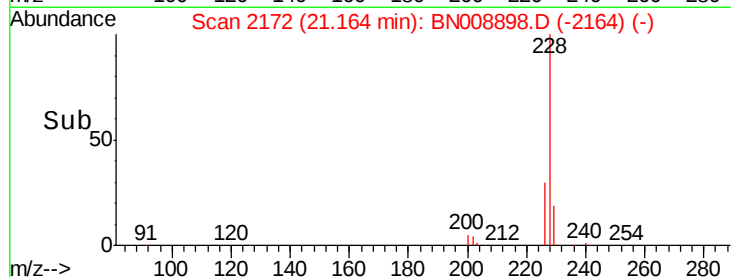
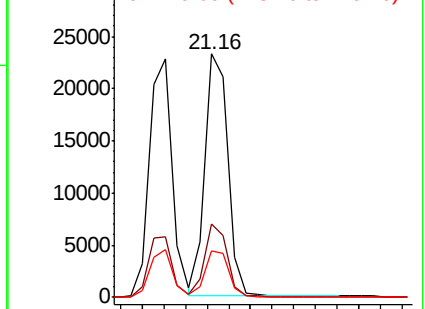


Abundance

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: 0.383 ng

RT: 21.08 min Scan# 2164

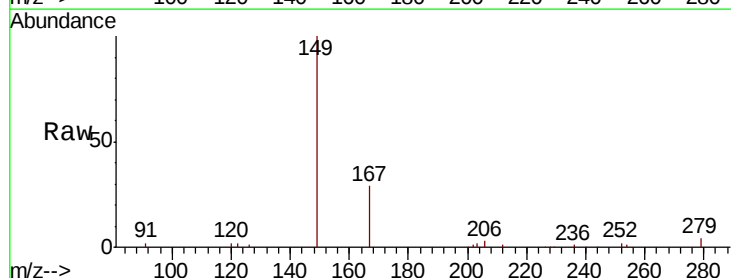
Delta R.T. 0.00 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

Tgt Ion:149 Resp: 14100

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.7	34.1
279	4.2	3.3	4.9

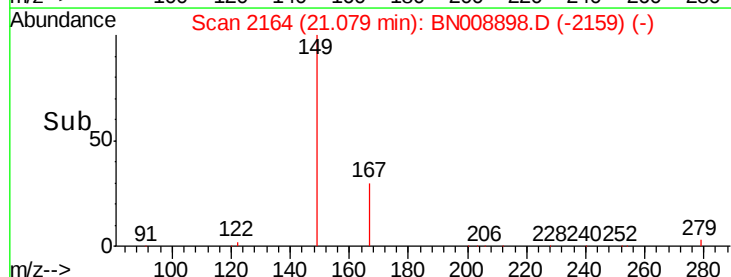
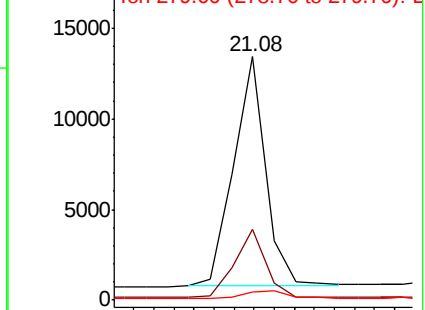


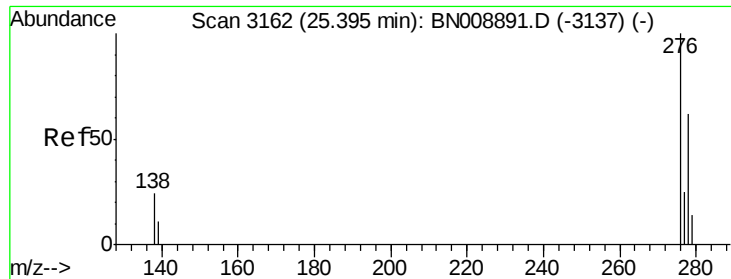
Abundance

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

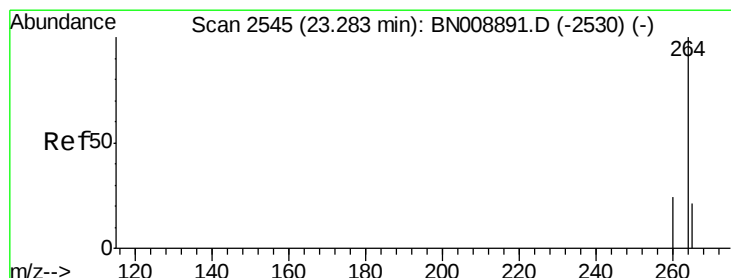
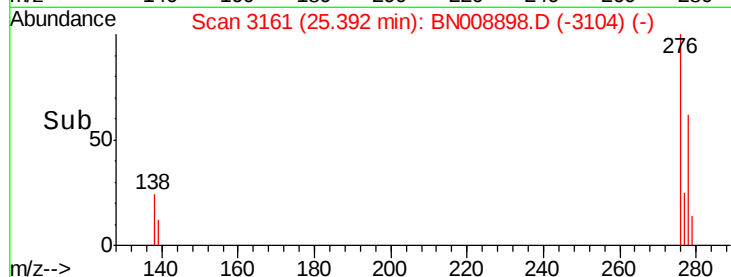
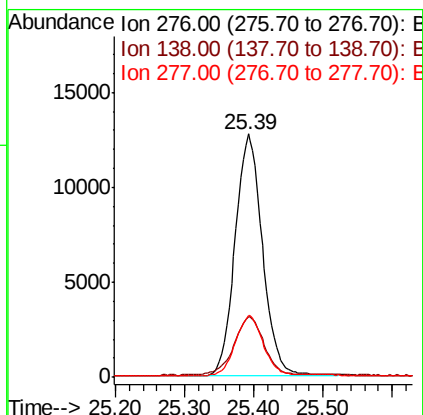
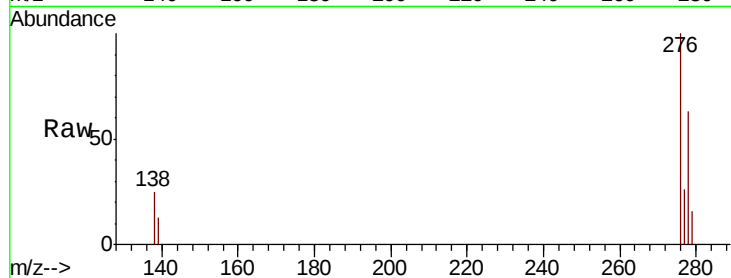




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng
RT: 25.39 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

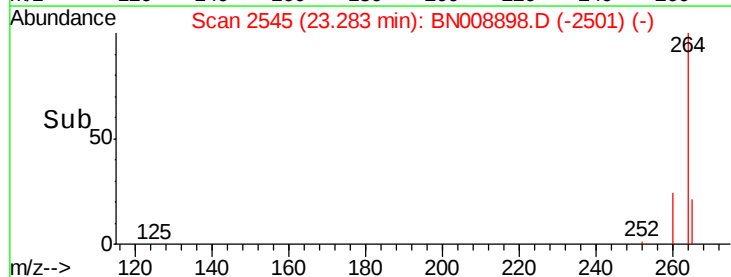
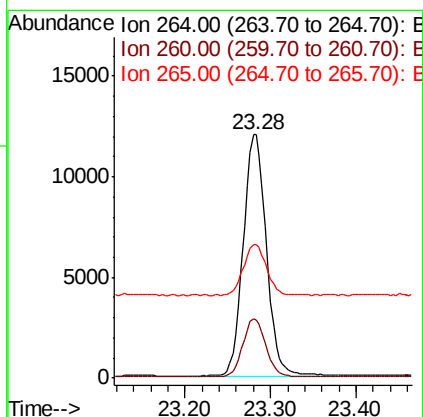
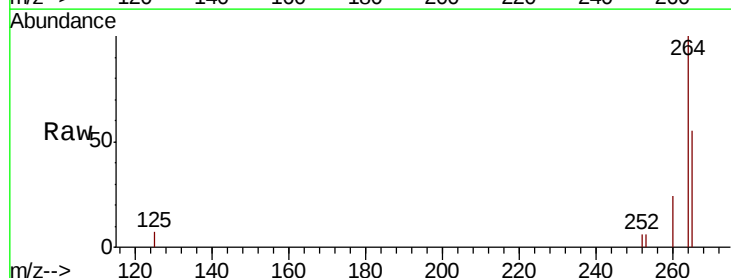
Instrument :
BNA_N
ClientSampleId :

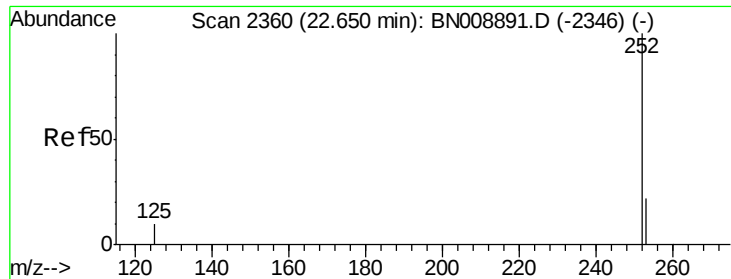
Tot Ion:276 Resp: 35271
Ion Ratio Lower Upper
276 100
138 26.2 19.9 29.9
277 24.9 19.8 29.8



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion:264 Resp: 22581
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.0
265 55.0 47.5 71.3

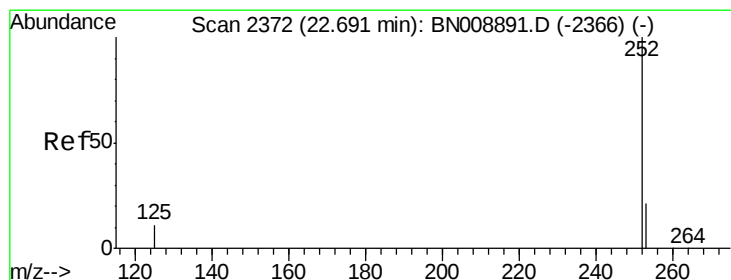
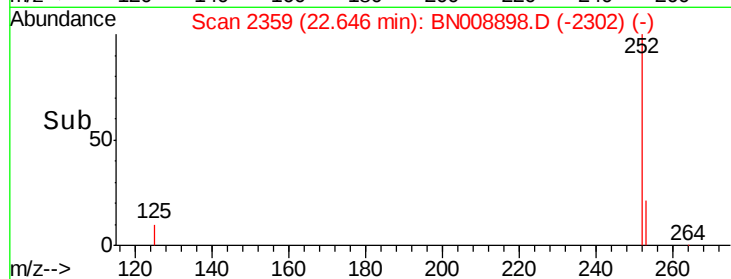
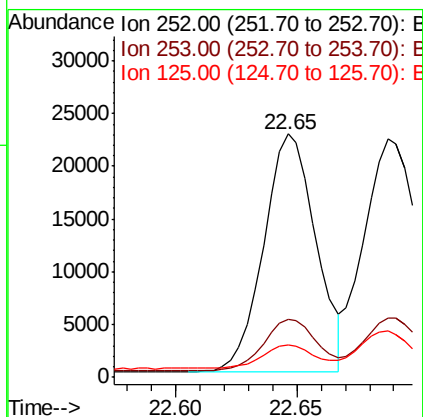
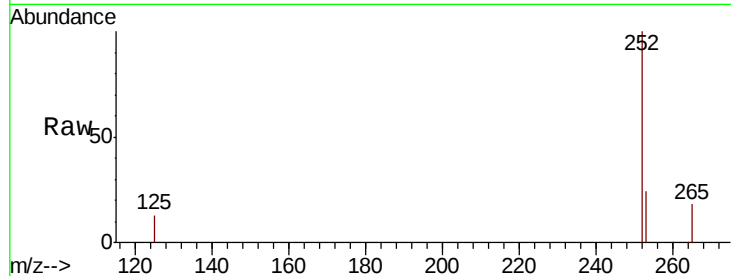




#35
Benzo(b)fluoranthene
Concen: 0.418 ng
RT: 22.65 min Scan# 2359
Delta R.T. -0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

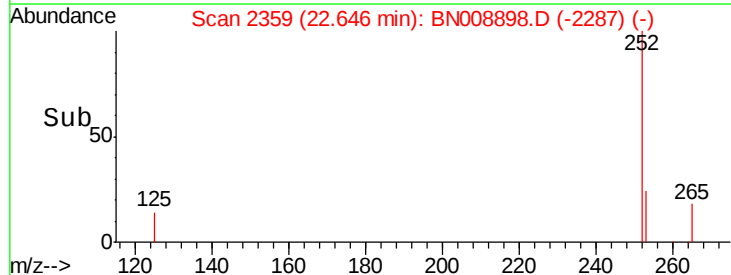
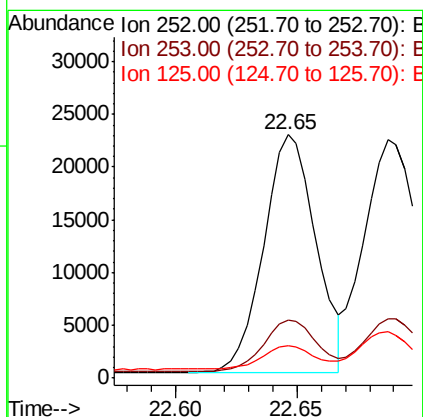
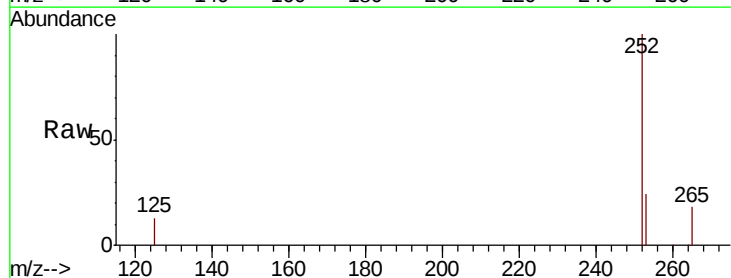
Instrument :
BNA_N
ClientSampleId :

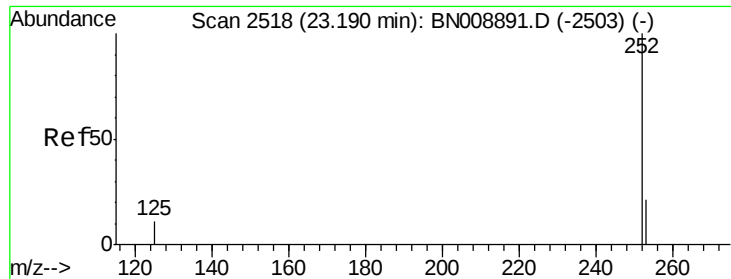
Tot Ion:252 Resp: 33802
Ion Ratio Lower Upper
252 100
253 23.9 19.8 29.6
125 13.3 10.8 16.2



#36
Benzo(k)fluoranthene
Concen: 0.415 ng
RT: 22.65 min Scan# 2359
Delta R.T. -0.04 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion:252 Resp: 33802
Ion Ratio Lower Upper
252 100
253 23.9 19.2 28.8
125 13.3 11.6 17.4





#37

Benzo(a)pyrene

Concen: 0.422 ng

RT: 23.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

Instrument :

BNA_N

ClientSampleId :

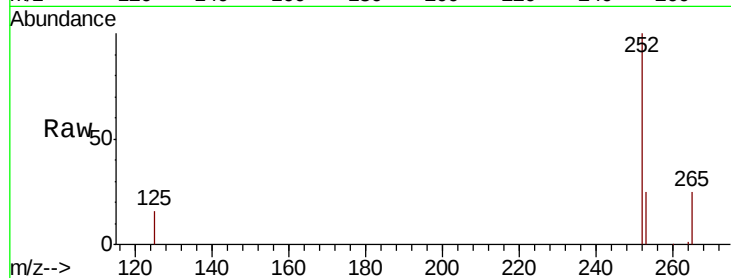
Tot Ion:252 Resp: 30605

Ion Ratio Lower Upper

252 100

253 24.9 19.9 29.9

125 15.5 12.3 18.5

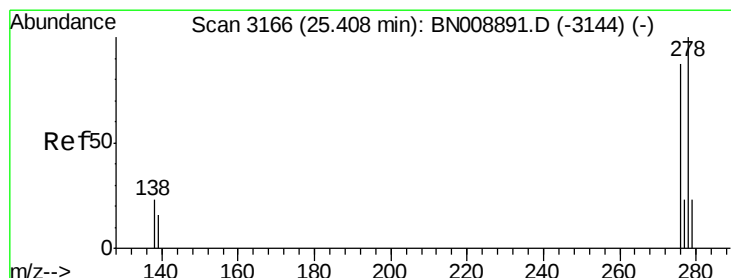
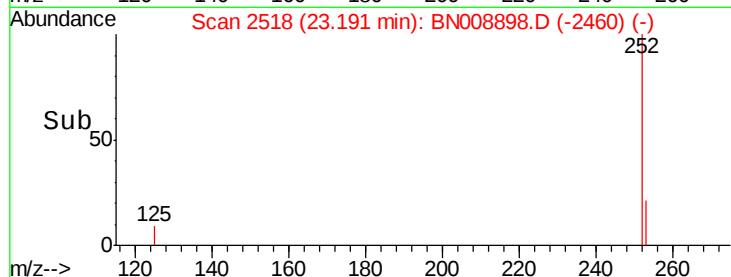
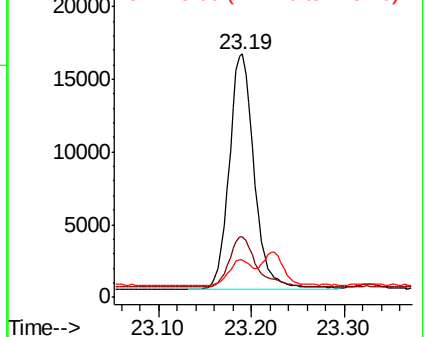


Abundance

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: 0.418 ng

RT: 25.40 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

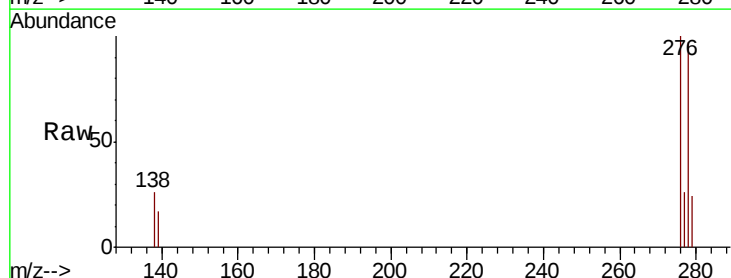
Tgt Ion:278 Resp: 28454

Ion Ratio Lower Upper

278 100

139 18.1 13.9 20.9

279 25.1 20.2 30.4

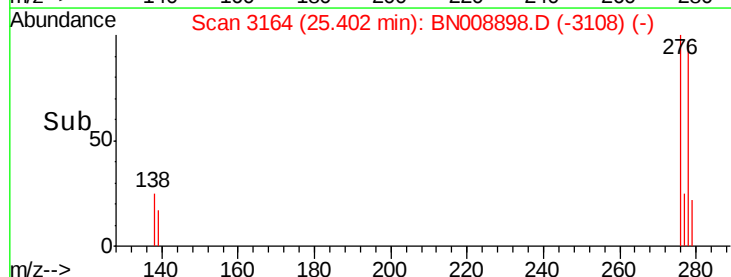
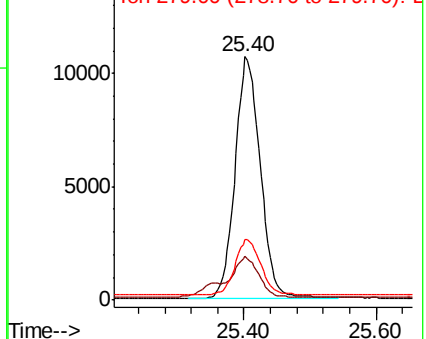


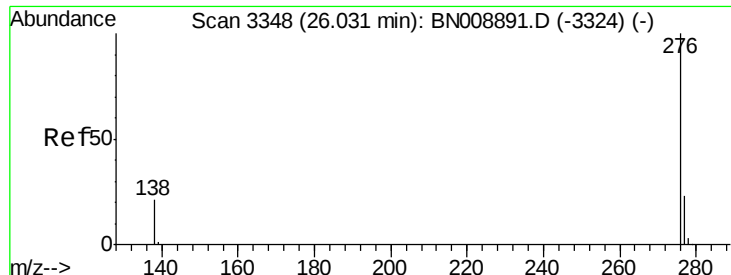
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.415 ng

RT: 26.03 min Scan# 3348

Delta R.T. 0.00 min

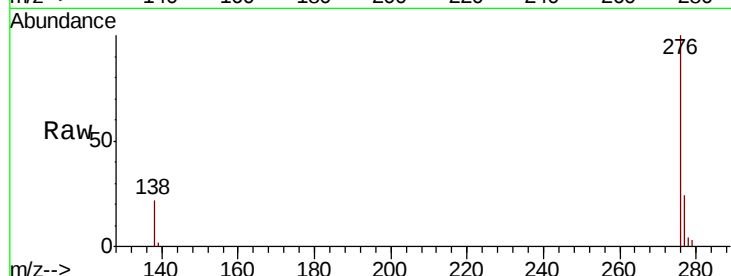
Lab File: BN008898.D

Acq: 10 Dec 2019 10:14

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 27925

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.2

138 21.9 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

