

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004836.D
 Acq On : 21 Mar 2019 01:16
 Operator : JU/SJ
 Sample : K1842-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB-030719

Quant Time: Mar 21 08:49:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 16:06:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	1343	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	5694	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	3616	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	10075	0.40	ng	0.01
27) Chrysene-d12	21.29	240	13938	0.40	ng	0.00
34) Perylene-d12	23.54	264	15762	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	628	0.17	ng	0.00
5) Phenol-d6	6.90	99	464	0.10	ng	0.02
8) Nitrobenzene-d5	8.87	82	1315	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	3573	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	842	0.34	ng	0.01
15) 2-Fluorobiphenyl	12.96	172	6140	0.41	ng	0.00
25) Fluoranthene-d10	19.13	212	13039	0.39	ng	0.00
29) Terphenyl-d14	19.73	244	13056	0.46	ng	0.00

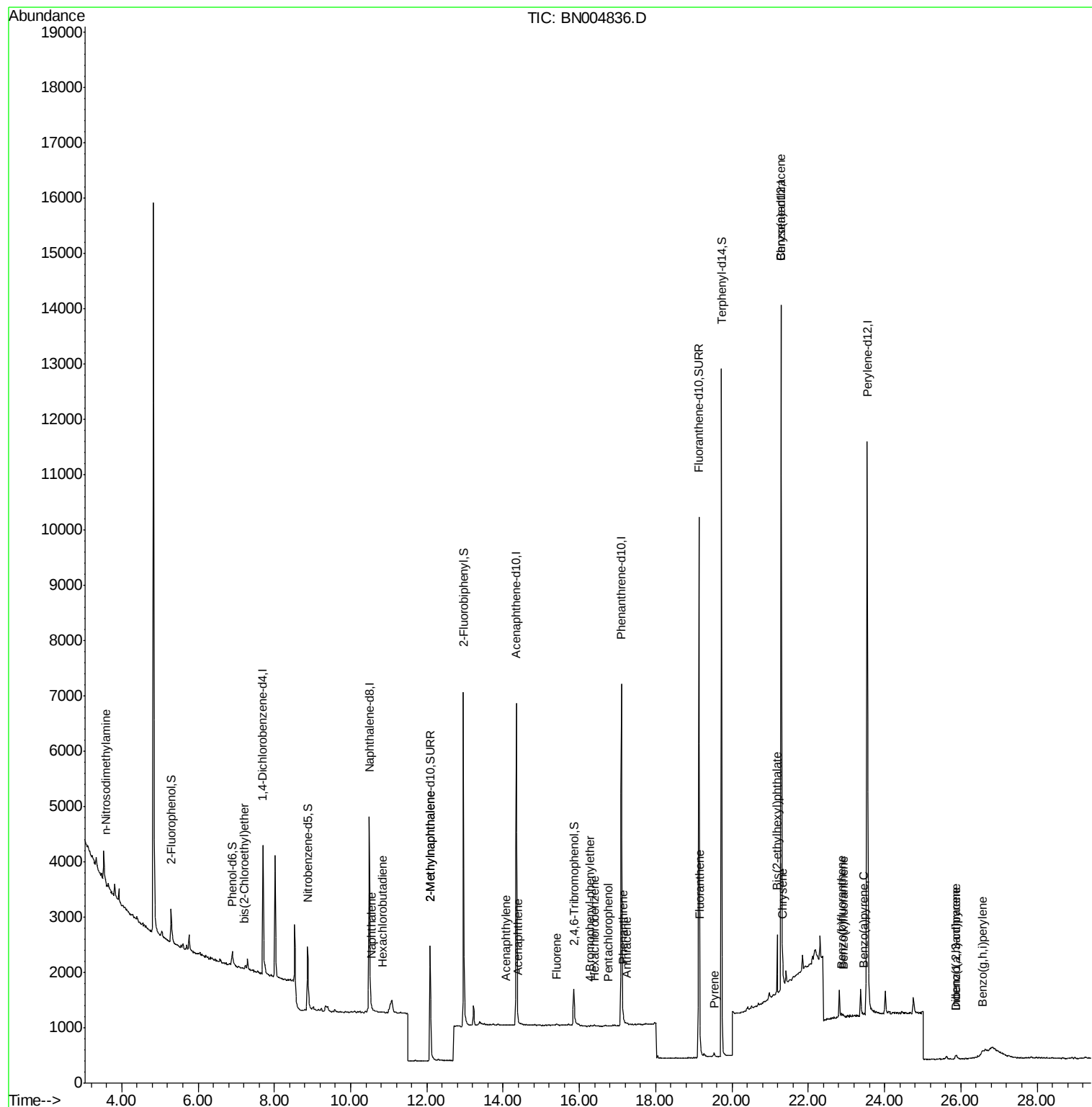
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.59	42	31	0.034	ng	# 1
6) bis(2-Chloroethyl)ether	7.21	93	3	0.001	ng	# 25
9) Naphthalene	10.54	128	75	0.005	ng	# 1
10) Hexachlorobutadiene	10.83	225	5	0.002	ng	# 17
12) 2-Methylnaphthalene	12.09	142	4	0.000	ng	# 52
16) Acenaphthylene	14.07	152	9	0.000	ng	# 61
17) Acenaphthene	14.40	154	7	0.001	ng	# 66
18) Fluorene	15.41	166	19	0.001	ng	# 82
20) 4-Bromophenyl-phenylether	16.27	248	3	0.000	ng	# 72
21) Hexachlorobenzene	16.40	284	6	0.001	ng	# 1
22) Pentachlorophenol	16.76	266	2	0.001	ng	# 63
23) Phenanthrene	17.14	178	100	0.003	ng	# 71
24) Anthracene	17.25	178	30	0.001	ng	# 67
26) Fluoranthene	19.16	202	66	0.002	ng	# 88
28) Pyrene	19.54	202	68	0.002	ng	# 90
30) Benzo(a)anthracene	21.29	228	102	0.002	ng	# 11
31) Chrysene	21.33	228	62	0.001	ng	# 6
32) Bis(2-ethylhexyl)phthalate	21.18	149	902	0.049	ng	# 97
33) Indeno(1,2,3-cd)pyrene	25.86	276	42	0.001	ng	# 85
35) Benzo(b)fluoranthene	22.88	252	68	0.001	ng	# 1
36) Benzo(k)fluoranthene	22.92	252	55	0.001	ng	# 1
37) Benzo(a)pyrene	23.45	252	60	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	25.88	278	69	0.001	ng	# 1
39) Benzo(g,h,i)perylene	26.56	276	110	0.002	ng	# 1

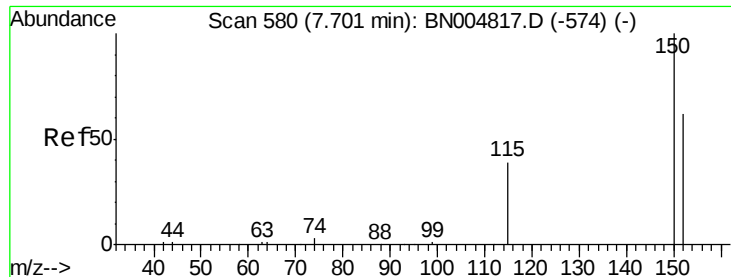
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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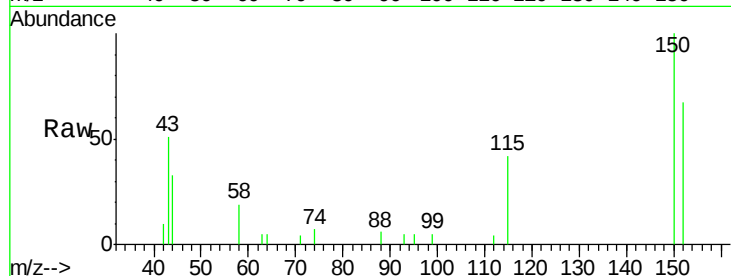


#1

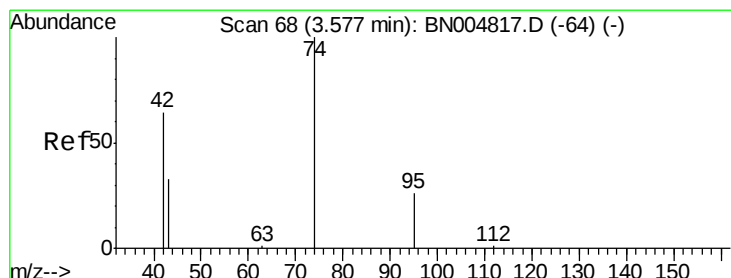
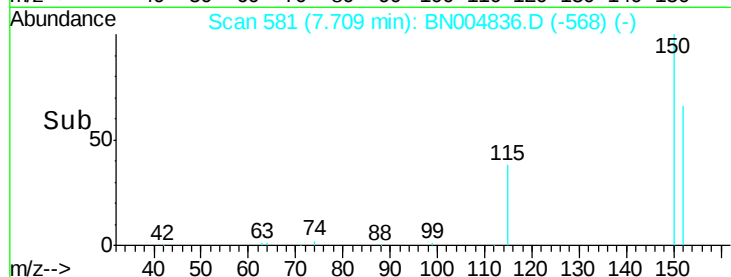
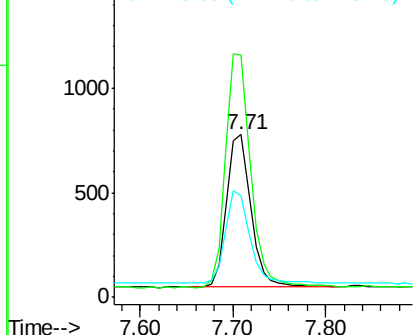
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.71 min Scan# 581
Delta R.T. 0.01 min
Lab File: BN004836.D
Acq: 21 Mar 2019 01:16

Instrument :
BNA_N
ClientSampleId :
FB-030719

Tot Ion:152 Resp: 1343
Ion Ratio Lower Upper
152 100
150 149.0 126.2 189.4
115 62.7 52.6 79.0



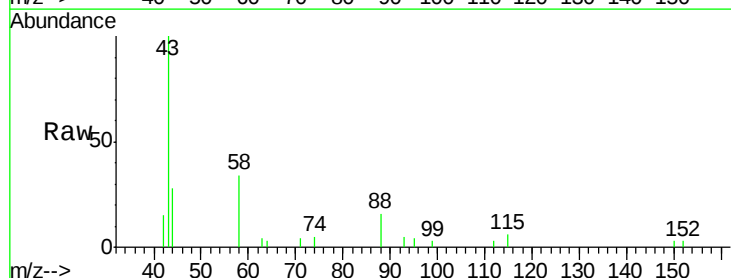
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



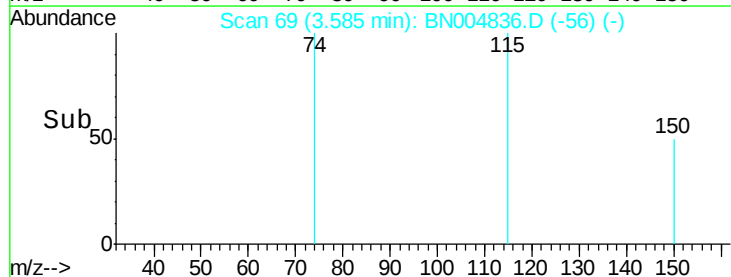
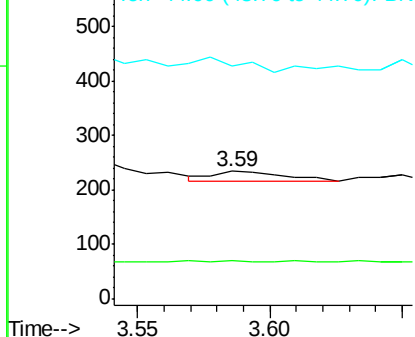
#3

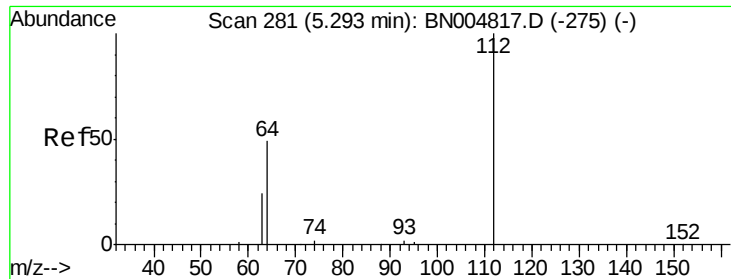
n-Nitrosodimethylamine
Concen: 0.034 ng
RT: 3.59 min Scan# 69
Delta R.T. 0.01 min
Lab File: BN004836.D
Acq: 21 Mar 2019 01:16

Tgt Ion: 42 Resp: 31
Ion Ratio Lower Upper
42 100
74 12.9 128.4 192.6#
44 90.3 6.1 9.1#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.172 ng

RT: 5.30 min Scan# 282

Delta R.T. 0.01 min

Lab File: BN004836.D

Acq: 21 Mar 2019 01:16

Instrument :

BNA_N

ClientSampleId :

FB-030719

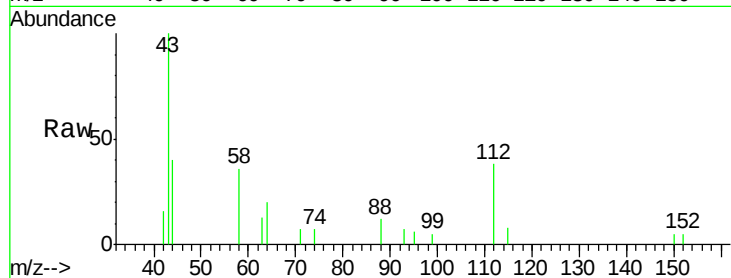
Tot Ion:112 Resp: 628

Ion Ratio Lower Upper

112 100

64 51.9 40.0 60.0

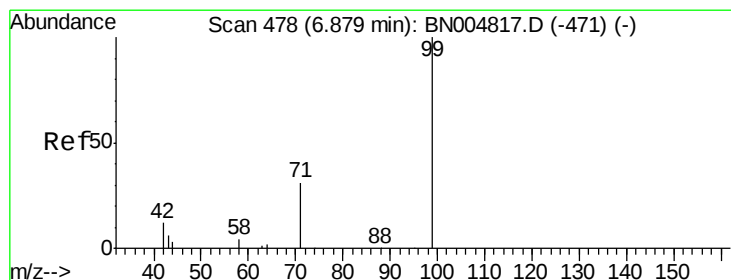
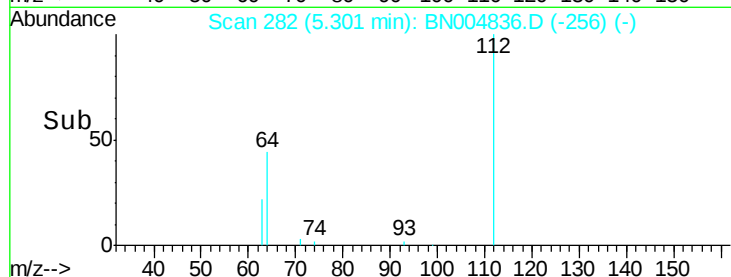
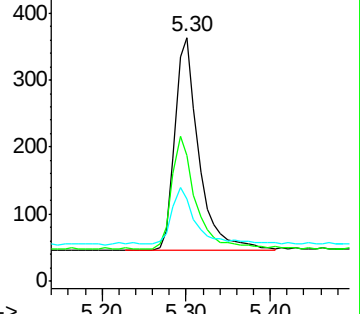
63 26.0 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.102 ng

RT: 6.90 min Scan# 480

Delta R.T. 0.02 min

Lab File: BN004836.D

Acq: 21 Mar 2019 01:16

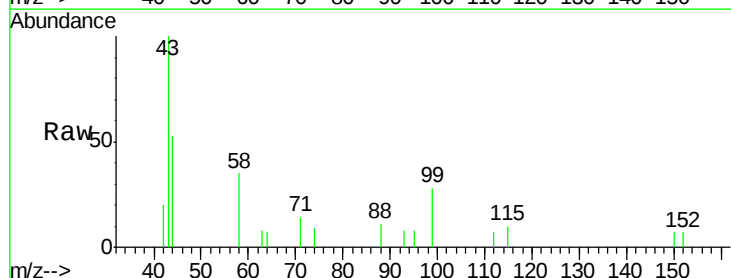
Tgt Ion: 99 Resp: 464

Ion Ratio Lower Upper

99 100

42 10.6 12.7 19.1#

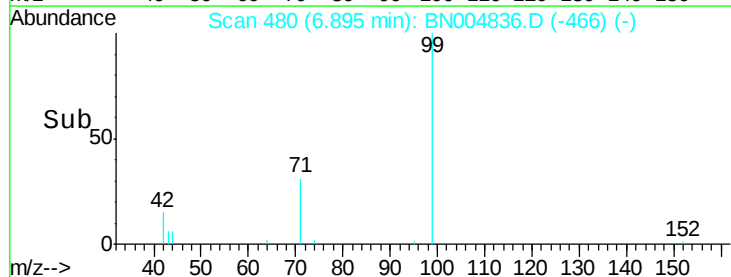
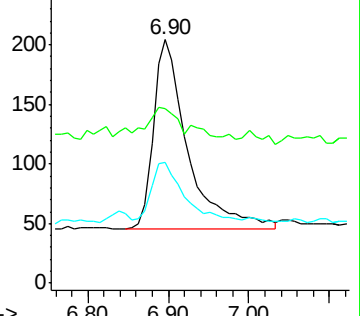
71 30.2 26.6 40.0

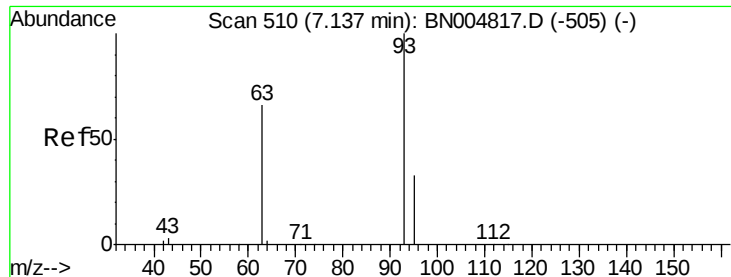


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC



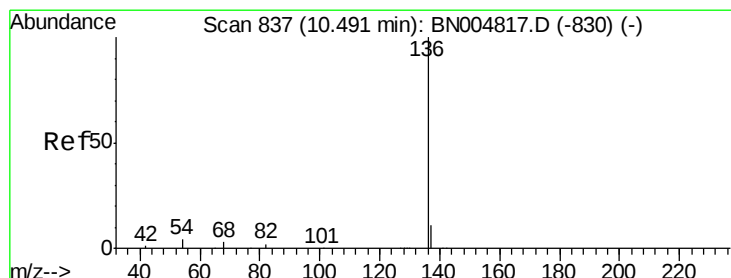
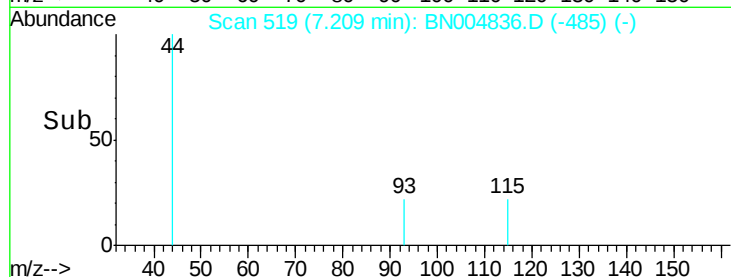
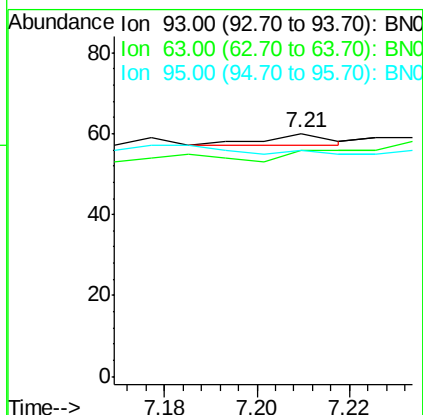
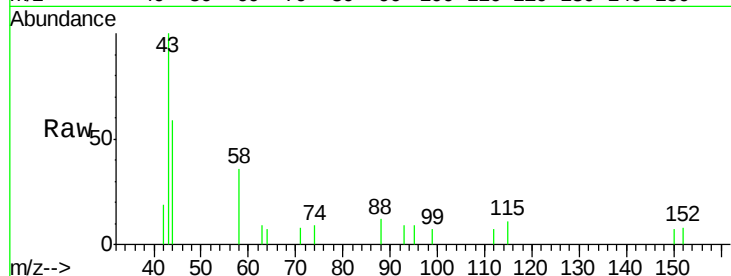


#6

bis(2-Chloroethyl)ether
Concen: 0.001 ng
RT: 7.21 min Scan# 519
Delta R.T. 0.07 min
Lab File: BN004836.D
Acq: 21 Mar 2019 01:16

Instrument :
BNA_N
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FB-030719

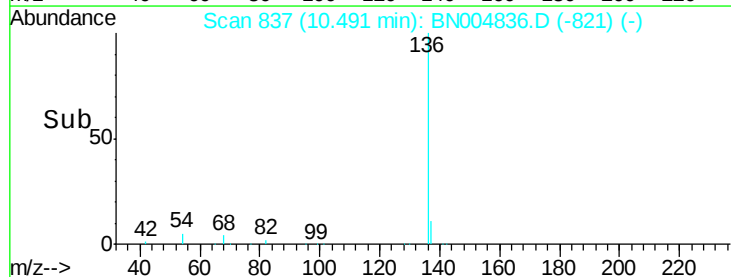
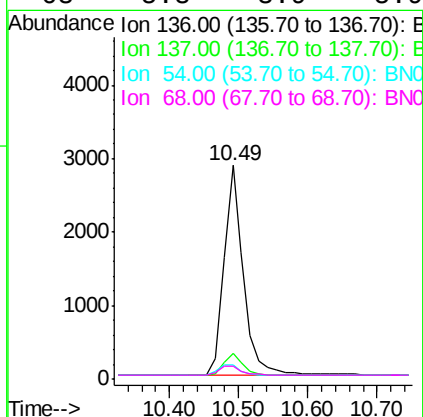
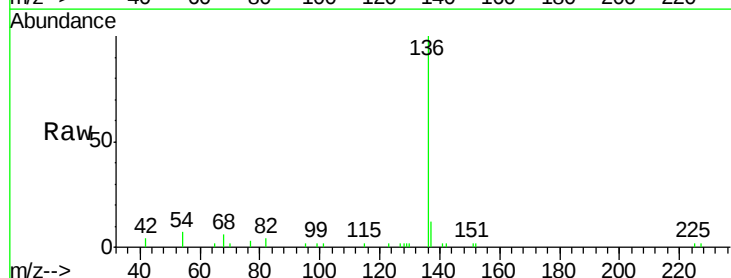
Tot Ion	Ratio	Lower	Upper
93	100		
63	0.0	52.6	78.8#
95	0.0	25.9	38.9#

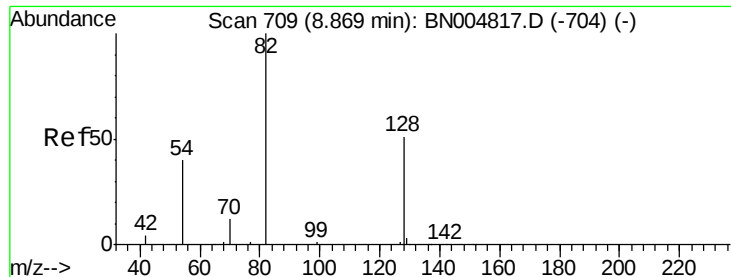


#7

Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 837
Delta R.T. 0.00 min
Lab File: BN004836.D
Acq: 21 Mar 2019 01:16

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	6.5	4.2	6.2#
68	5.8	3.9	5.9





#8

Nitrobenzene-d5

Concen: 0.349 ng

RT: 8.87 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN004836.D

Acq: 21 Mar 2019 01:16

Instrument :

BNA_N

ClientSampleId :

FB-030719

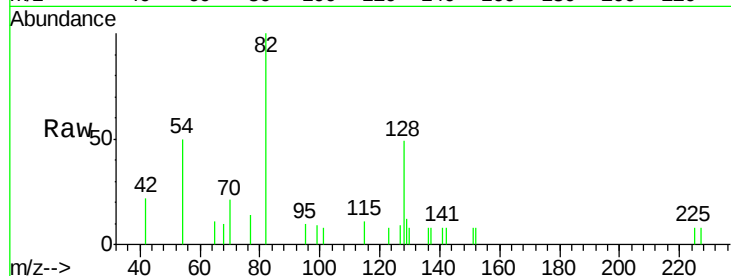
Tot Ion: 82 Resp: 1315

Ion Ratio Lower Upper

82 100

128 48.6 43.0 64.6

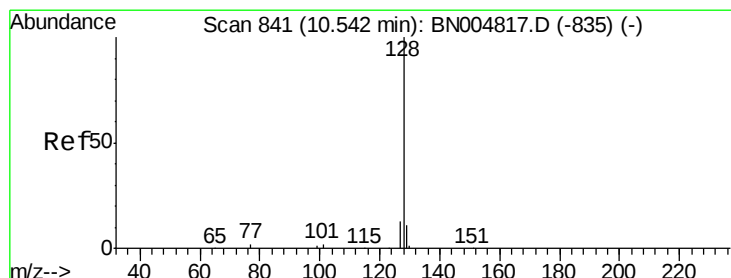
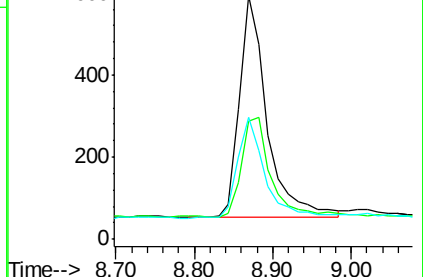
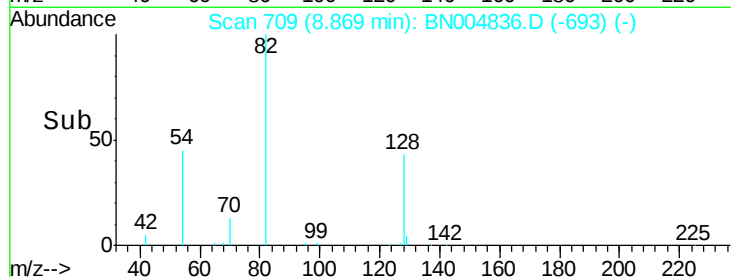
54 50.1 35.3 52.9



Abundance Ion 82.00 (81.70 to 82.70): BN004836.D (-693) (-)

Ion 128.00 (127.70 to 128.70): BN004836.D (-693) (-)

Ion 54.00 (53.70 to 54.70): BN004836.D (-693) (-)



#9

Naphthalene

Concen: 0.005 ng

RT: 10.54 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN004836.D

Acq: 21 Mar 2019 01:16

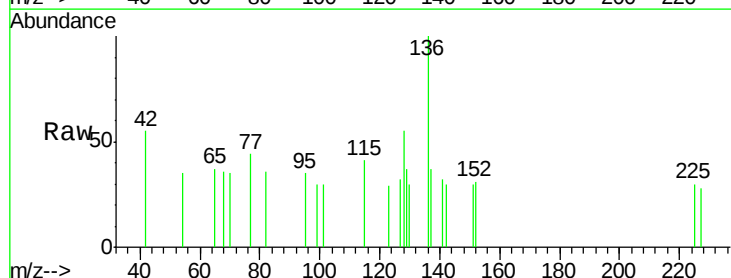
Tgt Ion: 128 Resp: 75

Ion Ratio Lower Upper

128 100

129 66.7 9.9 14.9#

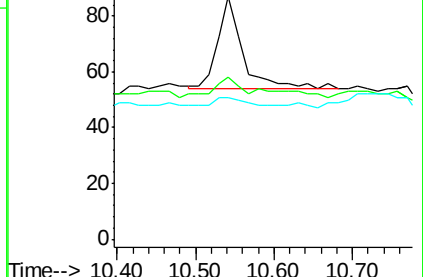
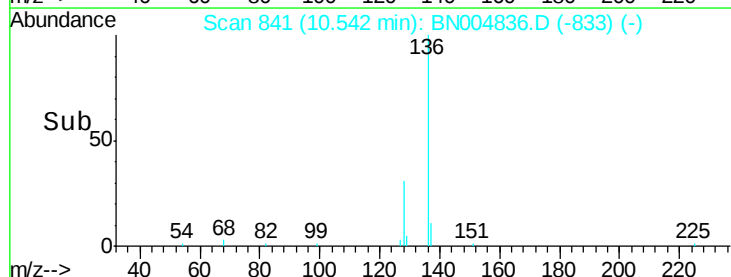
127 58.6 11.3 16.9#

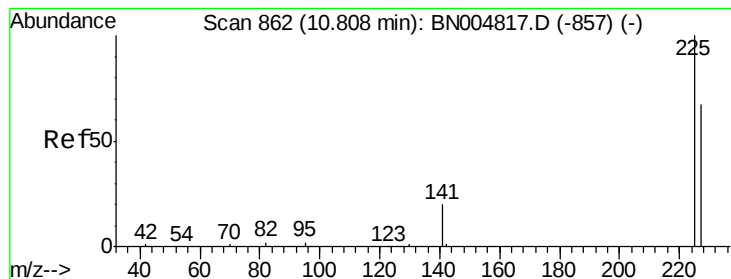


Abundance Ion 128.00 (127.70 to 128.70): BN004836.D (-833) (-)

Ion 129.00 (128.70 to 129.70): BN004836.D (-833) (-)

Ion 127.00 (126.70 to 127.70): BN004836.D (-833) (-)





#10

Hexachlorobutadiene

Concen: 0.002 ng

RT: 10.83 min Scan# 864

Delta R.T. 0.03 min

Lab File: BN004836.D

Acq: 21 Mar 2019 01:16

Instrument :

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ClientSampleId :

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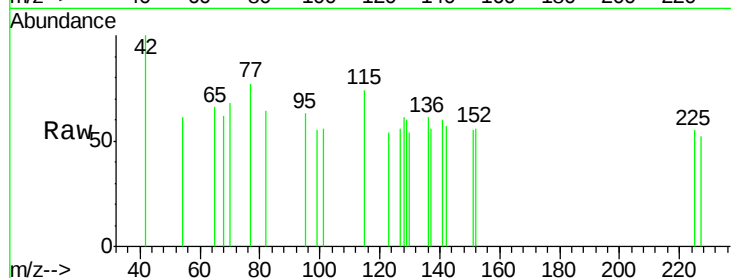
Tot Ion:225 Resp: 5

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

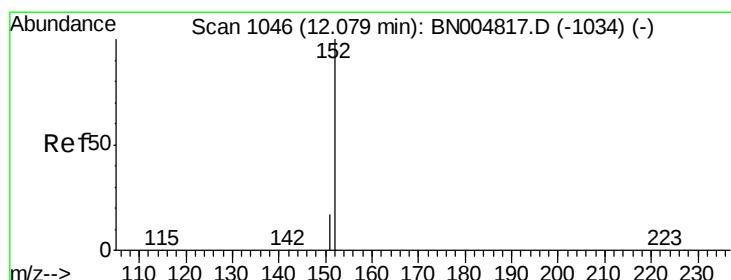
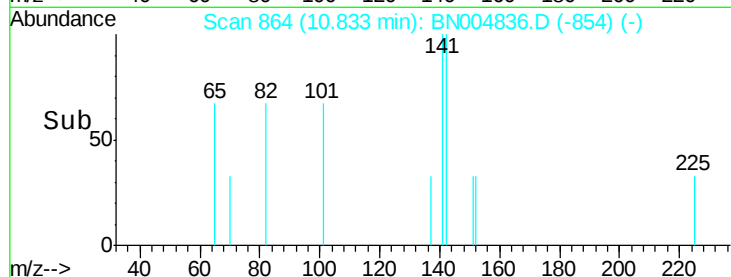
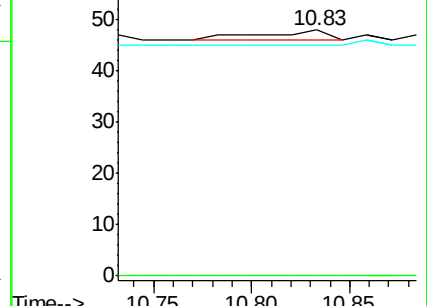
227 0.0 52.2 78.4#



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: 0.360 ng

RT: 12.09 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BN004836.D

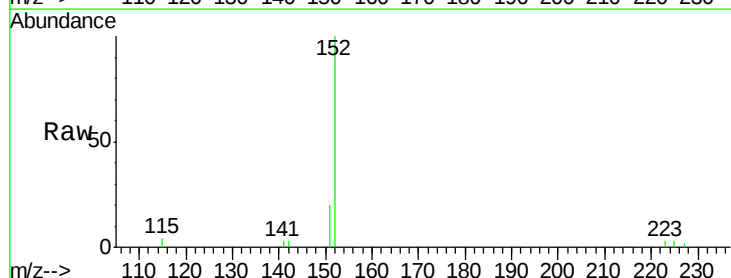
Acq: 21 Mar 2019 01:16

Tgt Ion:152 Resp: 3573

Ion Ratio Lower Upper

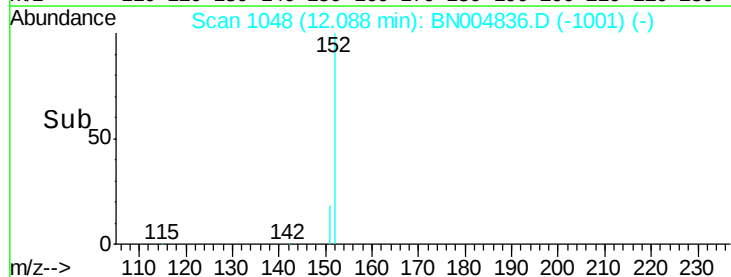
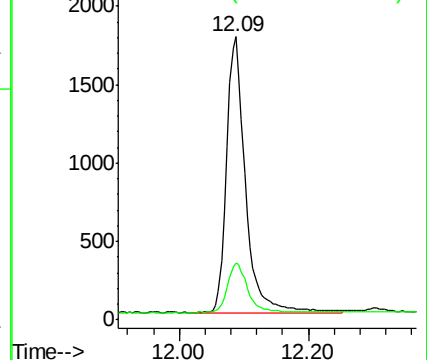
152 100

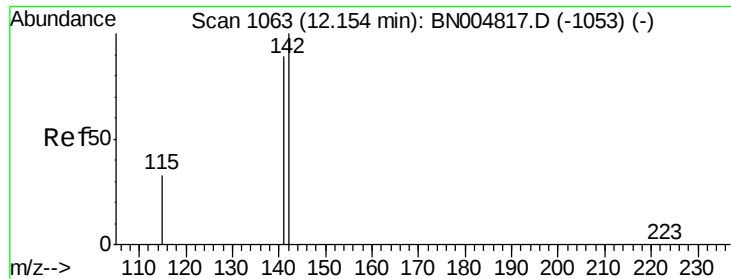
151 19.3 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

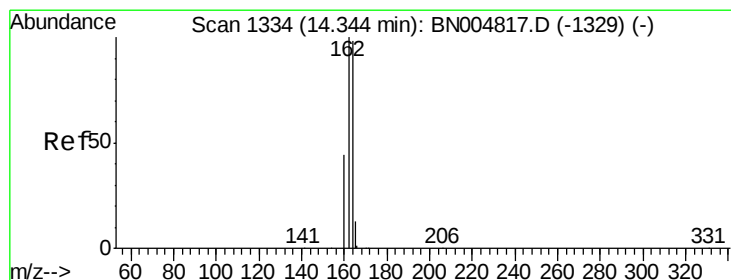
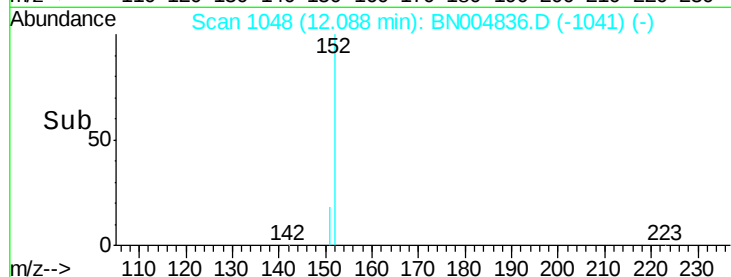
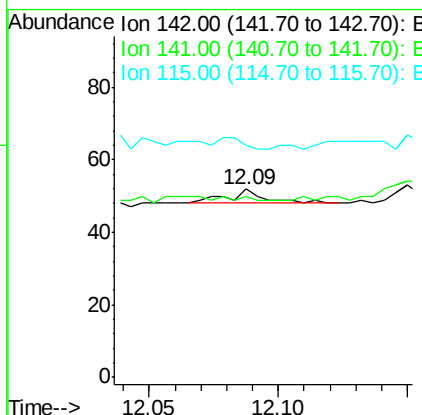
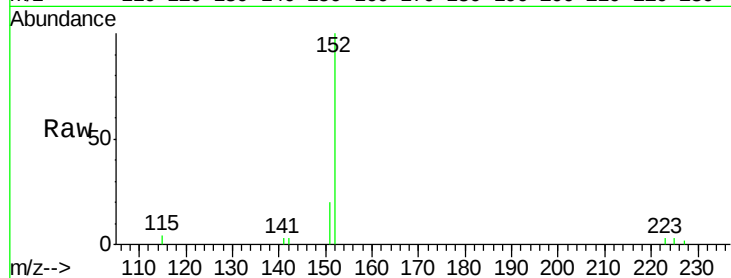




#12
2-Methylnaphthalene
Concen: 0.000 ng
RT: 12.09 min Scan# 1048
Delta R.T. -0.07 min
Lab File: BN004836.D
Acq: 21 Mar 2019 01:16

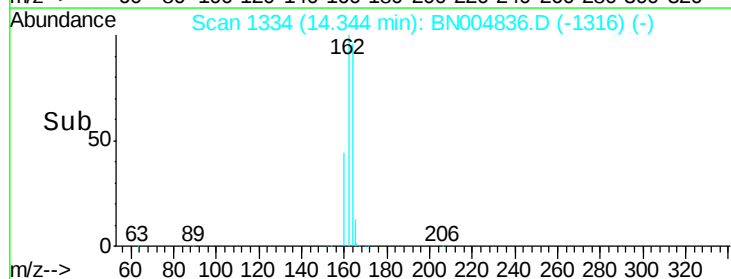
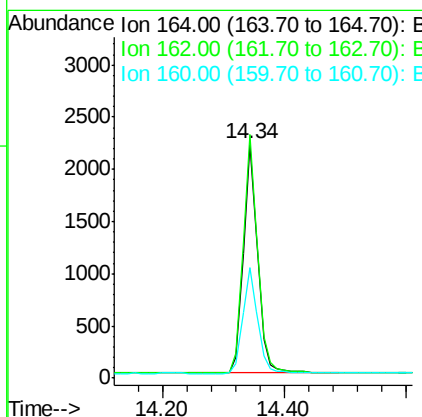
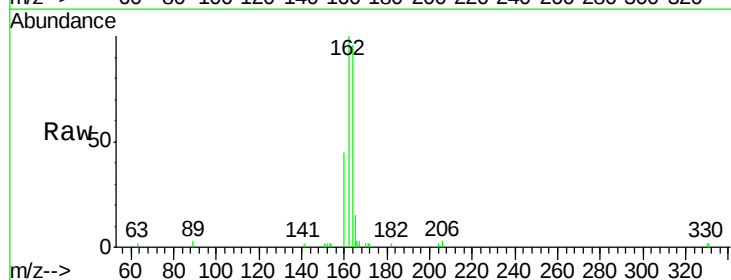
Instrument :
BNA_N
ClientSampleId :
FB-030719

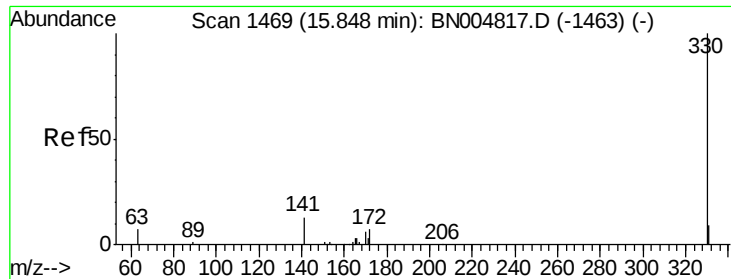
Tot Ion:142 Resp: 4
Ion Ratio Lower Upper
142 100
141 96.2 71.4 107.2
115 123.1 27.5 41.3#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BN004836.D
Acq: 21 Mar 2019 01:16

Tgt Ion:164 Resp: 3616
Ion Ratio Lower Upper
164 100
162 104.2 81.9 122.9
160 47.1 36.6 54.8

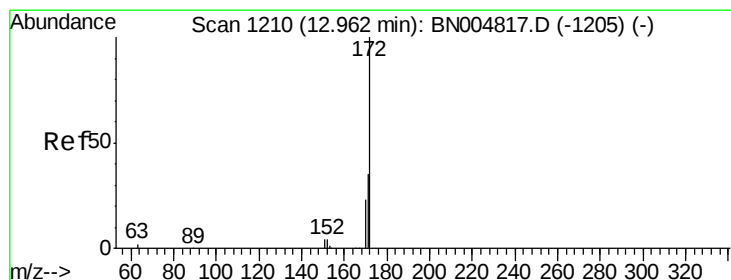
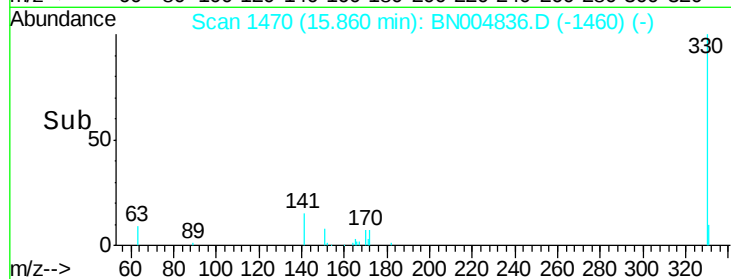
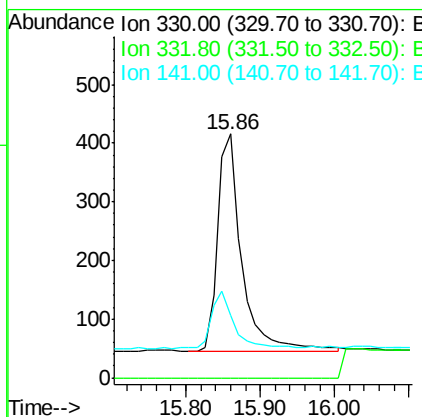
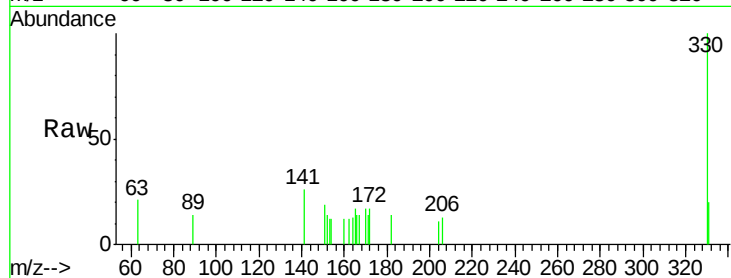




#14
 2,4,6-Tribromophenol
 Concen: 0.337 ng
 RT: 15.86 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BN004836.D
 Acq: 21 Mar 2019 01:16

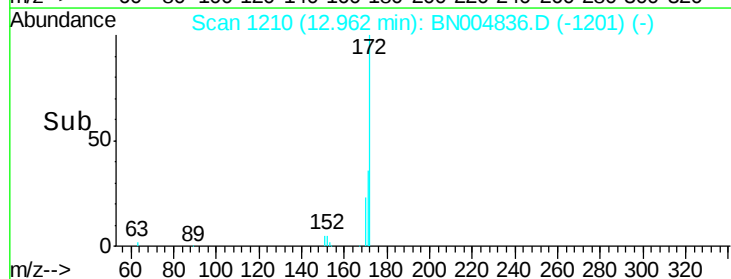
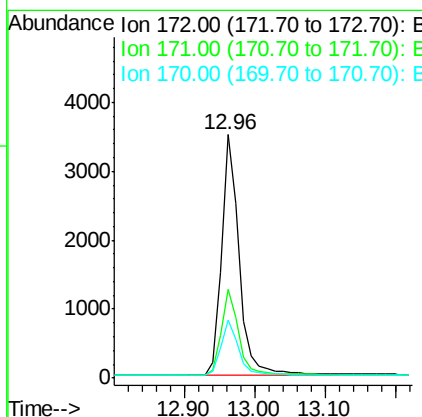
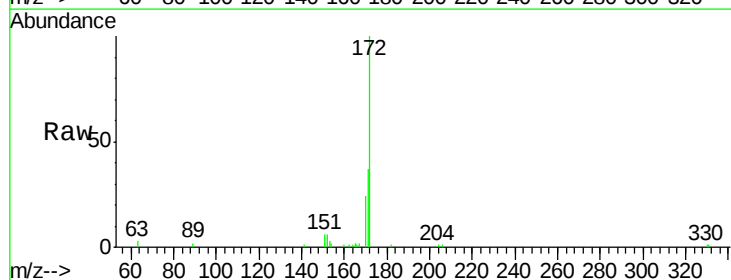
Instrument :
 BNA_N
 ClientSampled :
 FB-030719

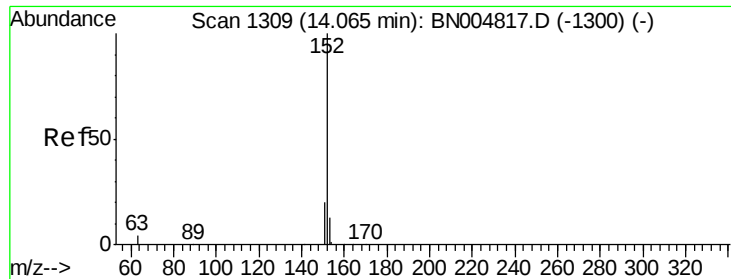
Tot Ion:330 Resp: 842
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 24.6 20.9 31.3



#15
 2-Fluorobiphenyl
 Concen: 0.411 ng
 RT: 12.96 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BN004836.D
 Acq: 21 Mar 2019 01:16

Tgt Ion:172 Resp: 6140
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.7 43.1
 170 23.9 18.7 28.1





#16

Acenaphthylene

Concen: 0.000 ng

RT: 14.07 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BN004836.D

Acq: 21 Mar 2019 01:16

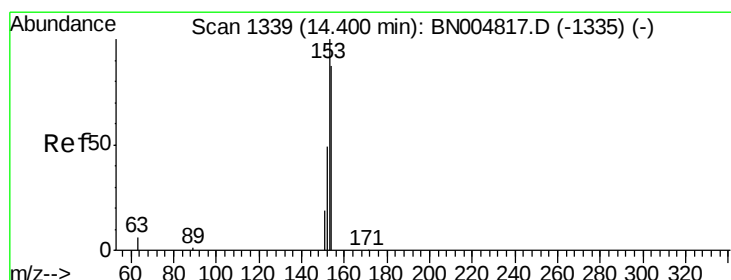
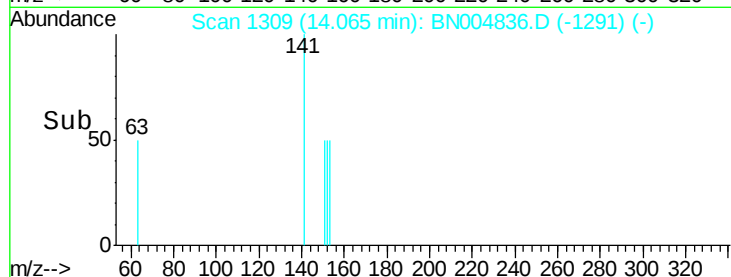
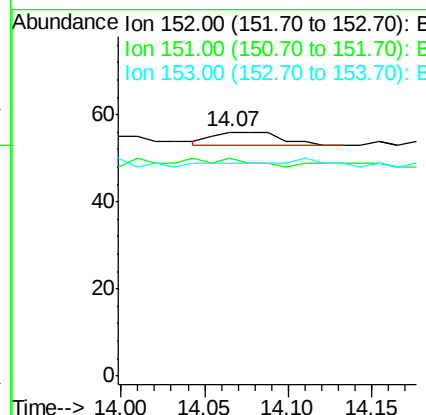
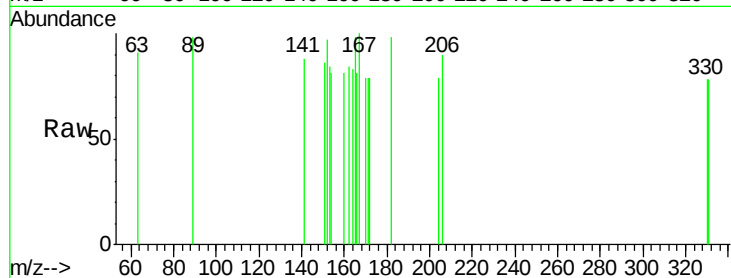
Instrument :

BNA_N

ClientSampleId :

FB-030719

Tot Ion:	152	Resp:	9
Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.1	24.1#
153	0.0	10.5	15.7#



#17

Acenaphthene

Concen: 0.001 ng

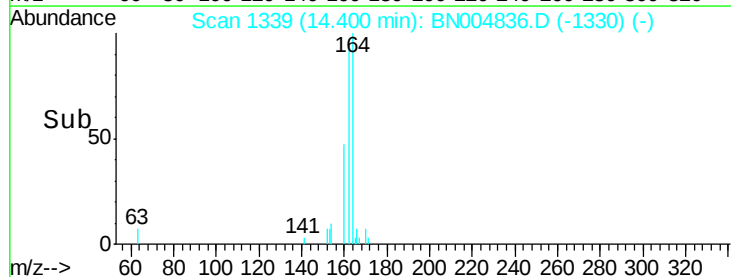
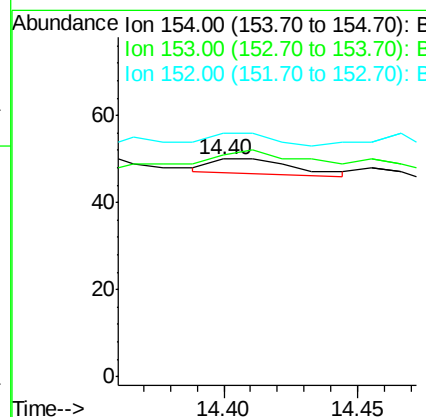
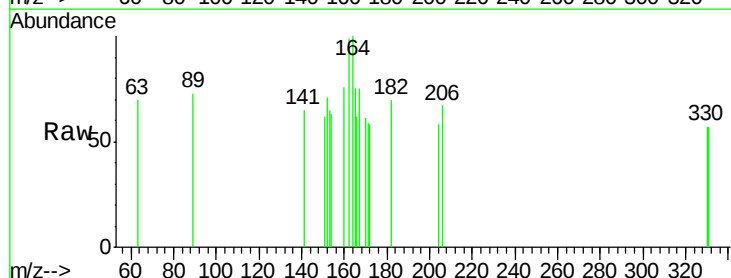
RT: 14.40 min Scan# 1339

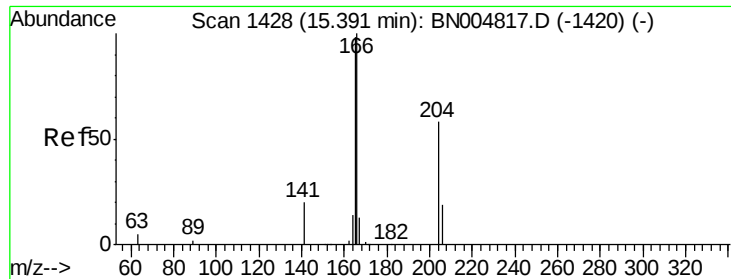
Delta R.T. 0.00 min

Lab File: BN004836.D

Acq: 21 Mar 2019 01:16

Tgt Ion:	154	Resp:	7
Ion	Ratio	Lower	Upper
154	100		
153	71.4	91.4	137.2#
152	71.4	44.2	66.2#





#18

Fluorene

Concen: 0.001 ng

RT: 15.41 min Scan# 1430

Delta R.T. 0.02 min

Lab File: BN004836.D

Acq: 21 Mar 2019 01:16

Instrument :

BNA_N

ClientSampleId :

FB-030719

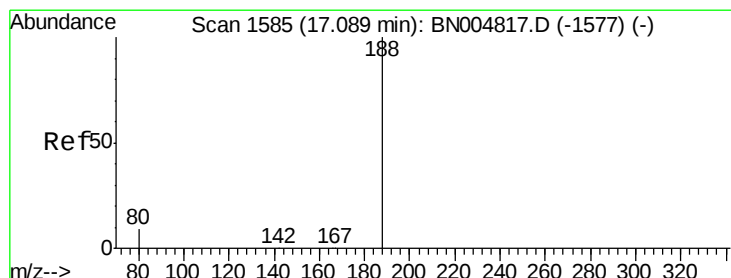
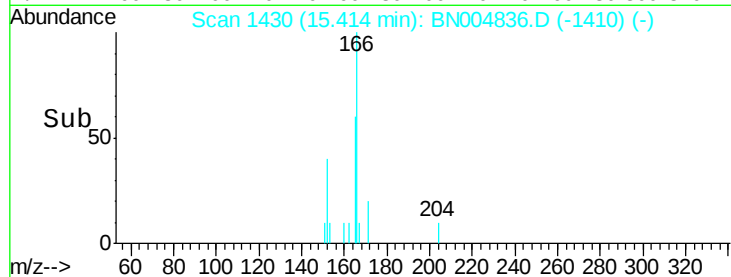
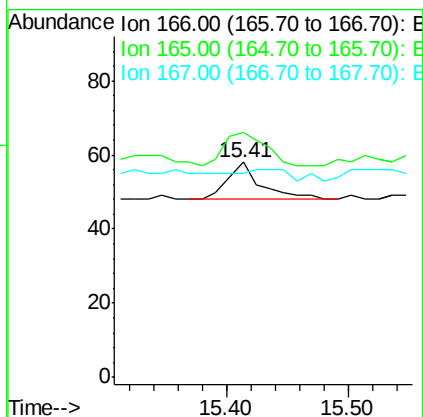
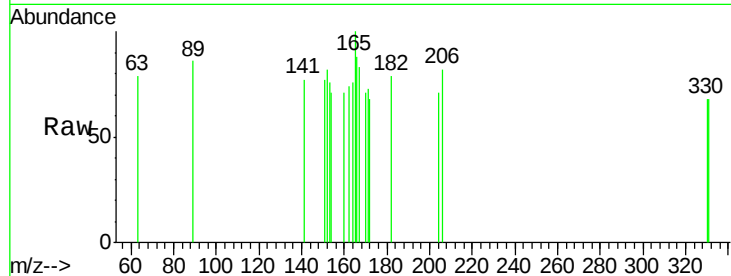
Tot Ion:166 Resp: 19

Ion Ratio Lower Upper

166 100

165 110.5 78.2 117.4

167 36.8 11.0 16.4#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.10 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BN004836.D

Acq: 21 Mar 2019 01:16

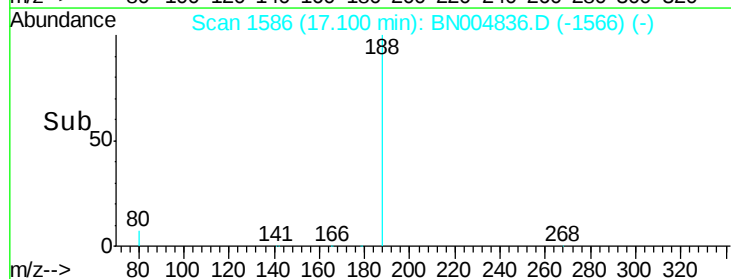
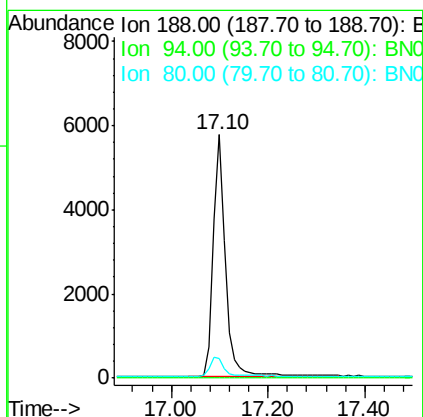
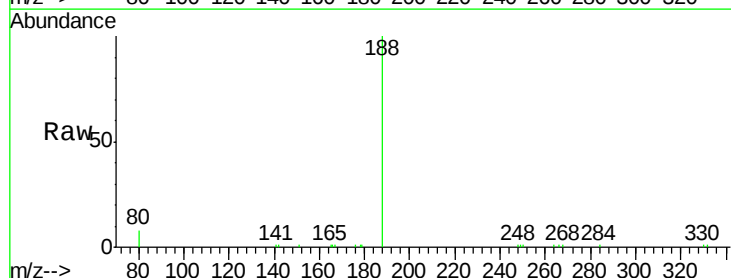
Tgt Ion:188 Resp: 10075

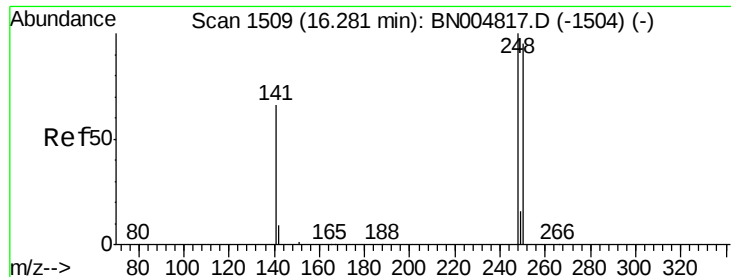
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.9 7.4 11.2

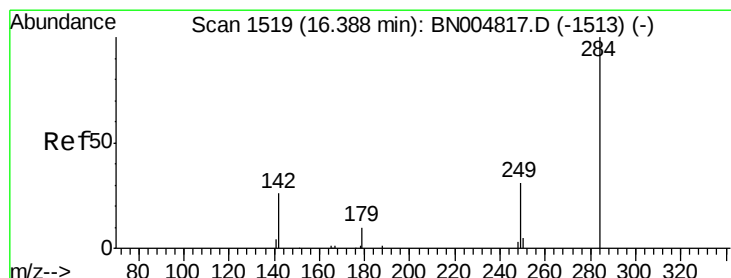
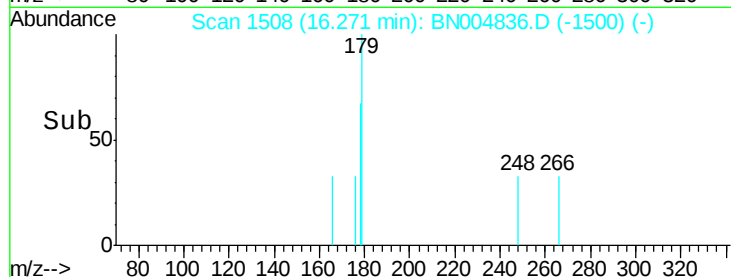
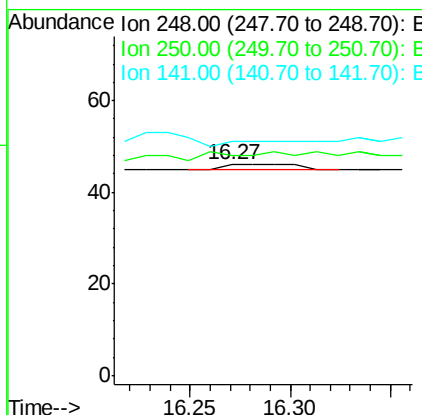
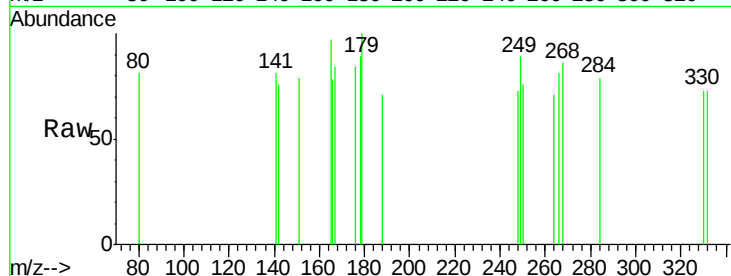




#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.27 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN004836.D
Acq: 21 Mar 2019 01:16

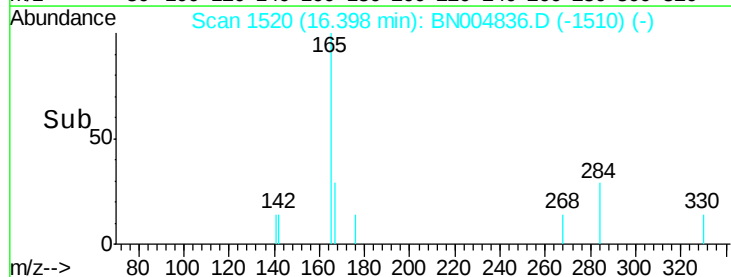
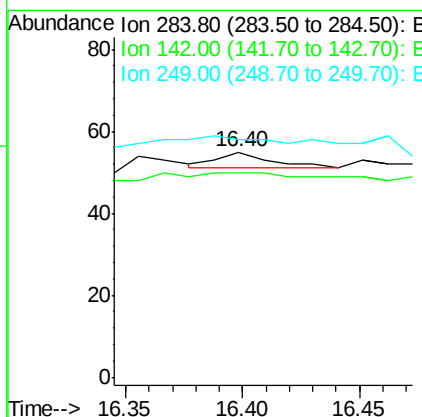
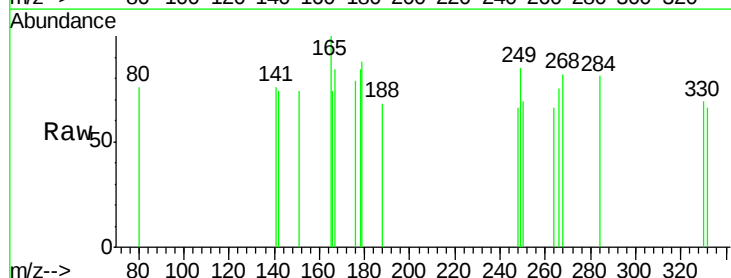
Instrument :
BNA_N
ClientSampled :
FB-030719

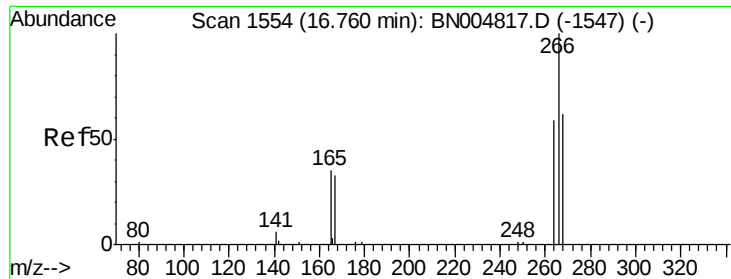
Tot Ion:248 Resp: 3
Ion Ratio Lower Upper
248 100
250 104.3 76.2 114.4
141 110.9 53.9 80.9#



#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.40 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BN004836.D
Acq: 21 Mar 2019 01:16

Tgt Ion:284 Resp: 6
Ion Ratio Lower Upper
284 100
142 0.0 22.6 34.0#
249 183.3 22.5 33.7#





#22

Pentachlorophenol

Concen: 0.001 ng

RT: 16.76 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BN004836.D

Acq: 21 Mar 2019 01:16

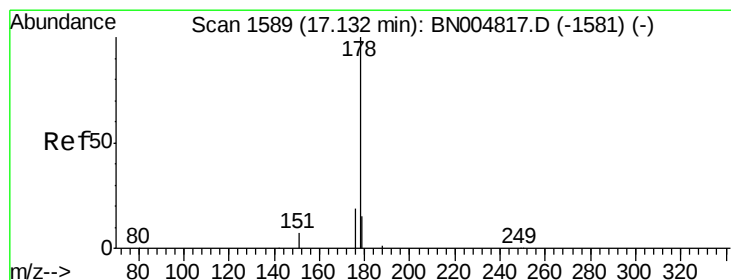
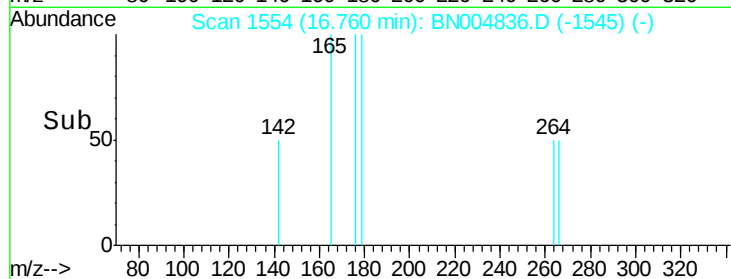
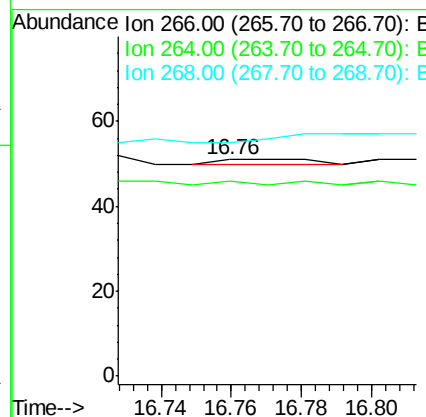
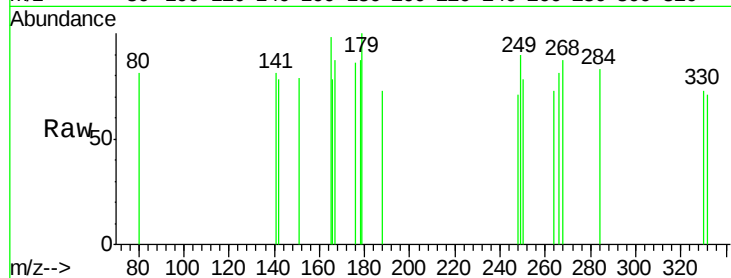
Instrument :

BNA_N

ClientSampleId :

FB-030719

Tot	Ion:266	Resp:	2
Ion	Ratio	Lower	Upper
266	100		
264	90.2	53.1	79.7#
268	107.8	57.7	86.5#



#23

Phenanthrene

Concen: 0.003 ng

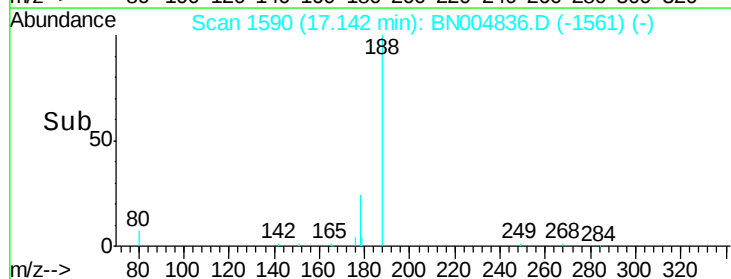
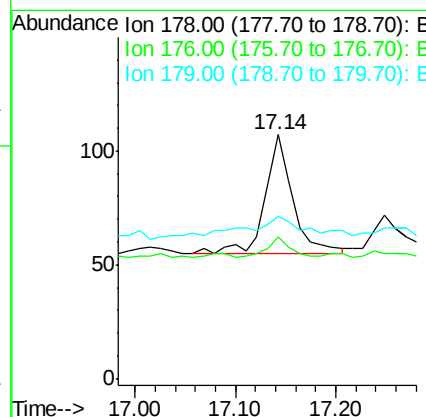
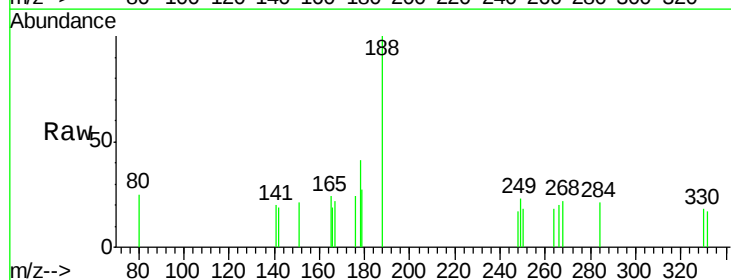
RT: 17.14 min Scan# 1590

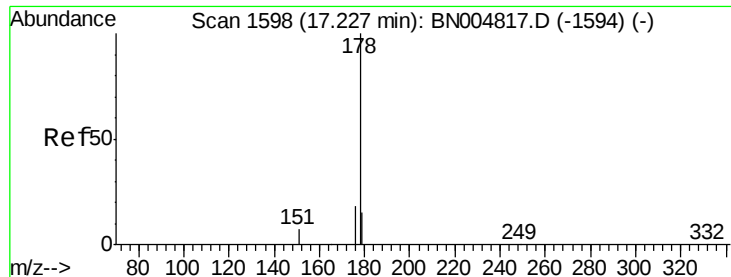
Delta R.T. 0.01 min

Lab File: BN004836.D

Acq: 21 Mar 2019 01:16

Tgt Ion:178	Resp:	100
Ion Ratio	Lower	Upper
178 100		
176 15.0	14.9	22.3
179 38.0	12.1	18.1#





#24

Anthracene

Concen: 0.001 ng

RT: 17.25 min Scan# 1600

Delta R.T. 0.02 min

Lab File: BN004836.D

Acq: 21 Mar 2019 01:16

Instrument :

BNA_N

ClientSampleId :

FB-030719

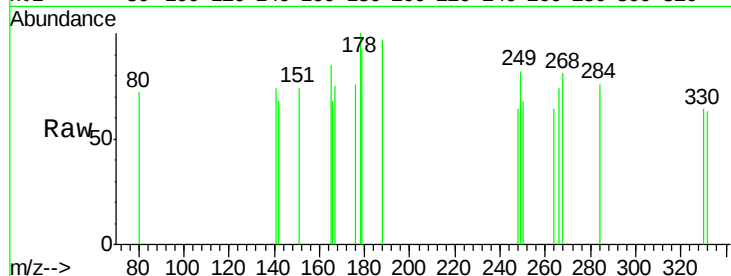
Tot Ion:178 Resp: 30

Ion Ratio Lower Upper

178 100

176 23.3 14.5 21.7#

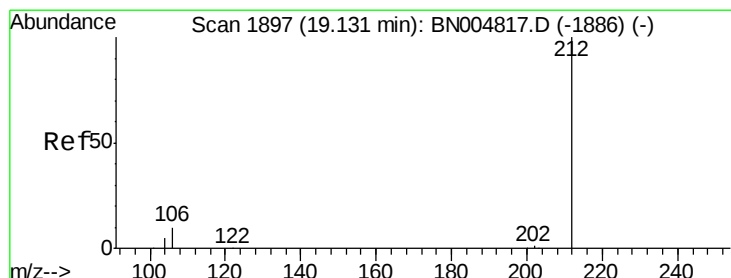
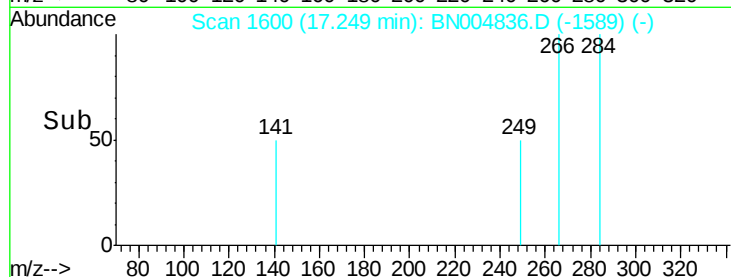
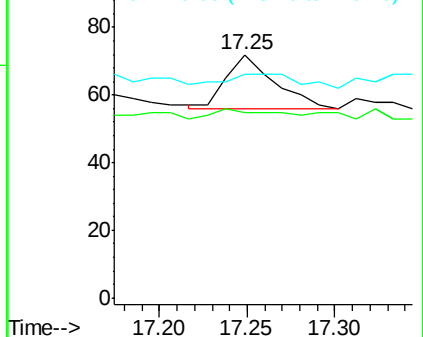
179 40.0 12.2 18.4#



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: 0.386 ng

RT: 19.13 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BN004836.D

Acq: 21 Mar 2019 01:16

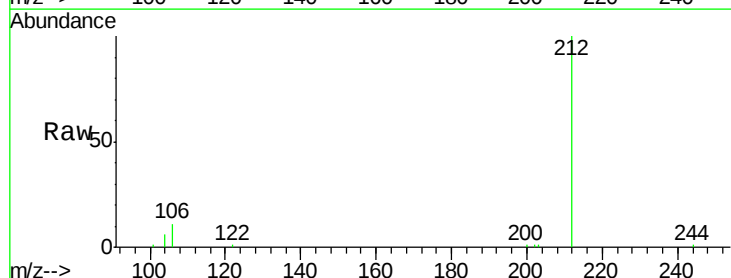
Tgt Ion:212 Resp: 13039

Ion Ratio Lower Upper

212 100

106 10.8 8.6 13.0

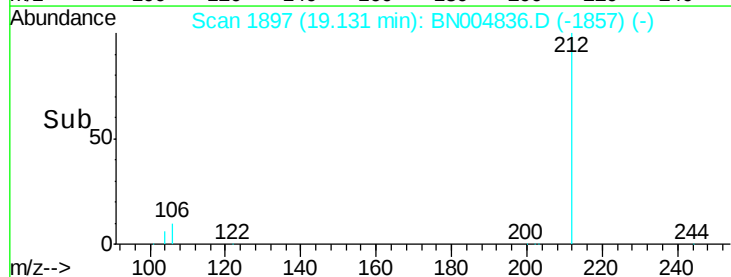
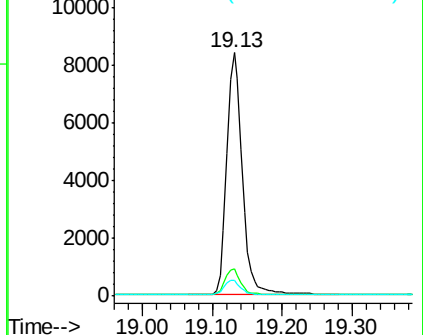
104 6.1 4.7 7.1

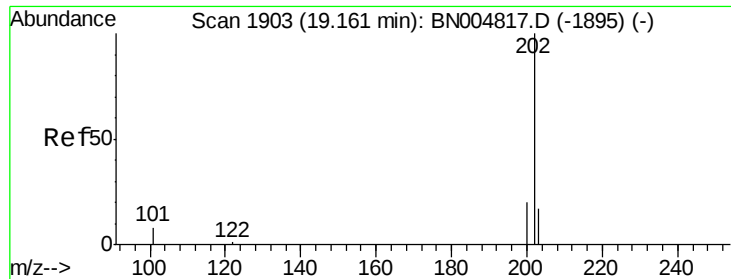


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

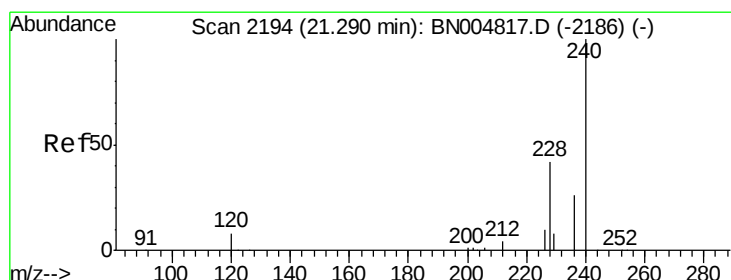
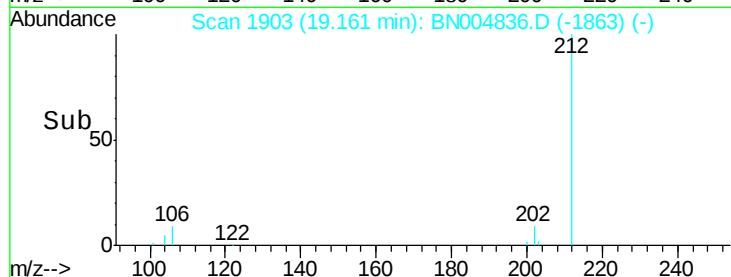
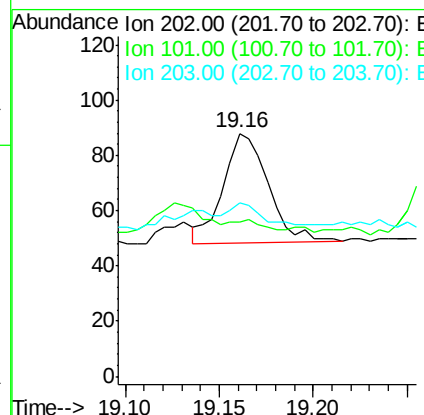
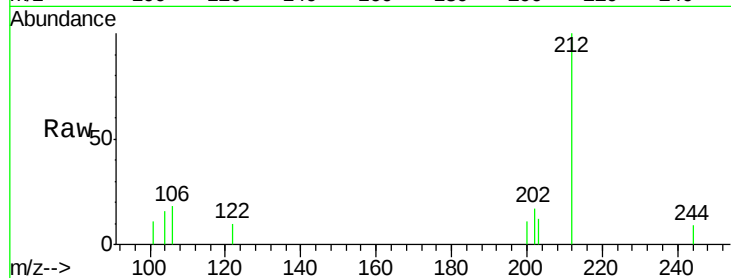




#26
Fluoranthene
Concen: 0.002 ng
RT: 19.16 min Scan# 1903
Delta R.T. 0.00 min
Lab File: BN004836.D
Acq: 21 Mar 2019 01:16

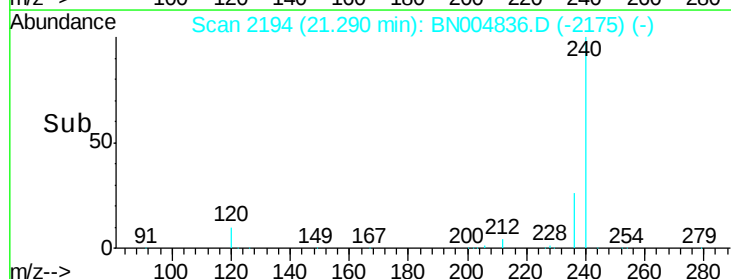
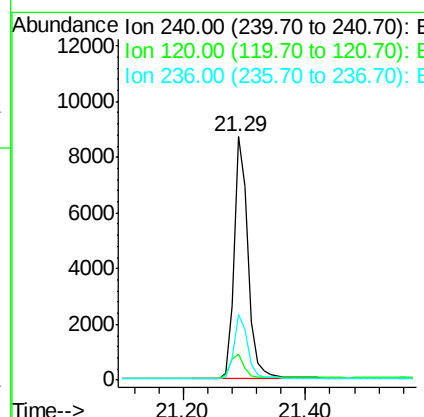
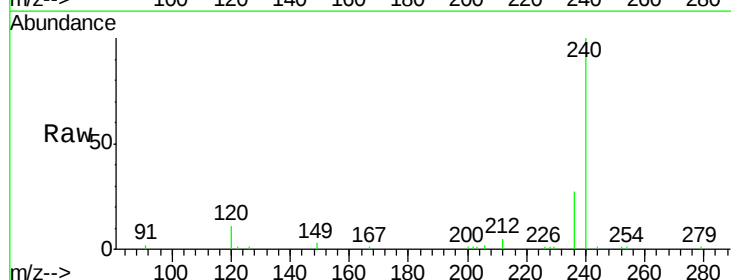
Instrument :
BNA_N
ClientSampleId :
FB-030719

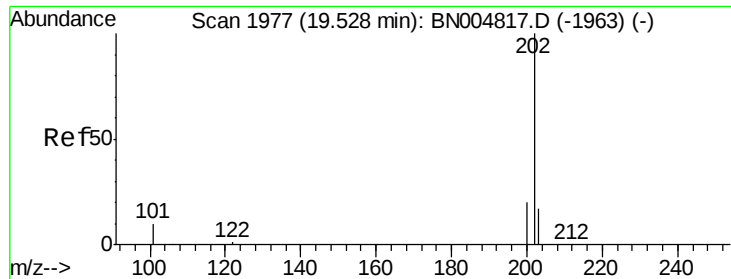
Tot Ion:202 Resp: 66
Ion Ratio Lower Upper
202 100
101 0.0 7.5 11.3#
203 15.2 13.8 20.6



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BN004836.D
Acq: 21 Mar 2019 01:16

Tgt Ion:240 Resp: 13938
Ion Ratio Lower Upper
240 100
120 10.5 7.2 10.8
236 26.8 20.9 31.3





#28

Pvrene

Concen: 0.002 ng

RT: 19.54 min Scan# 1979

Delta R.T. 0.01 min

Lab File: BN004836.D

Acq: 21 Mar 2019 01:16

Instrument :

BNA_N

ClientSampleId :

FB-030719

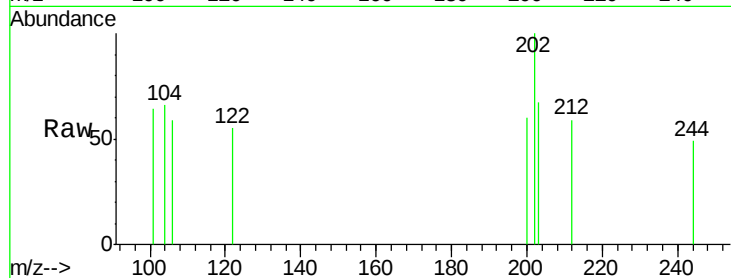
Tot Ion:202 Resp: 68

Ion Ratio Lower Upper

202 100

200 27.9 16.3 24.5#

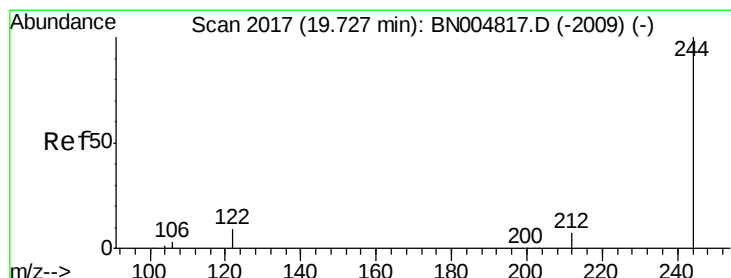
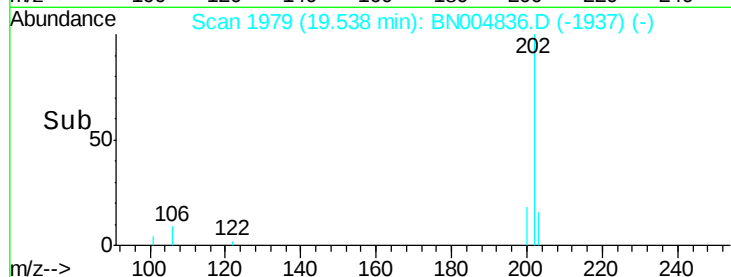
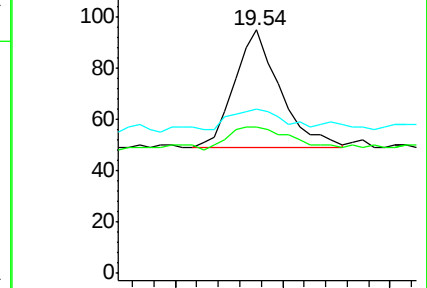
203 19.1 14.0 21.0



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: 0.458 ng

RT: 19.73 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BN004836.D

Acq: 21 Mar 2019 01:16

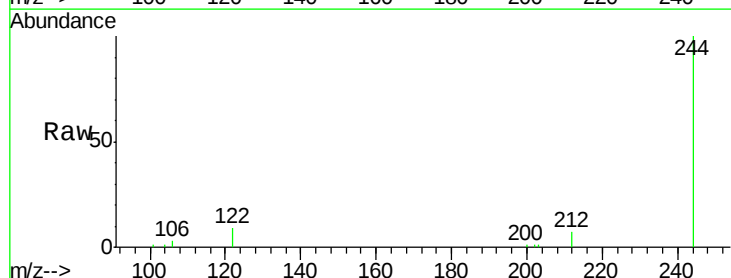
Tgt Ion:244 Resp: 13056

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

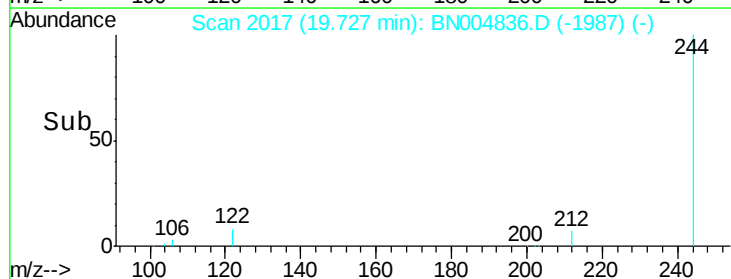
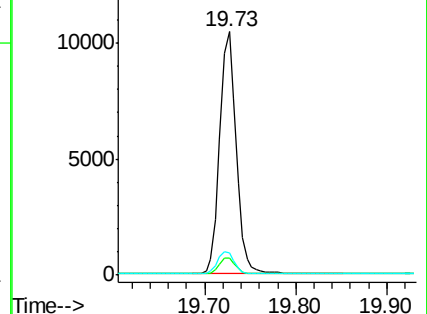
122 8.9 7.9 11.9

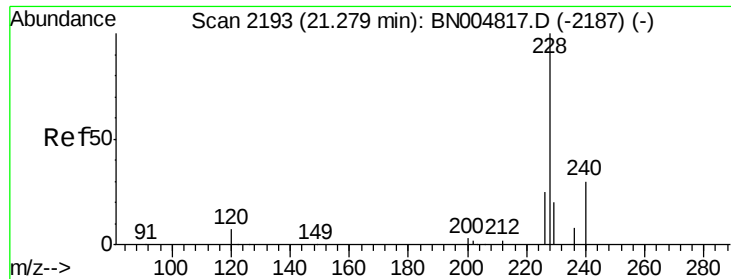


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.002 ng

RT: 21.29 min Scan# 2194

Delta R.T. 0.01 min

Lab File: BN004836.D

Acq: 21 Mar 2019 01:16

Instrument :

BNA_N

ClientSampleId :

FB-030719

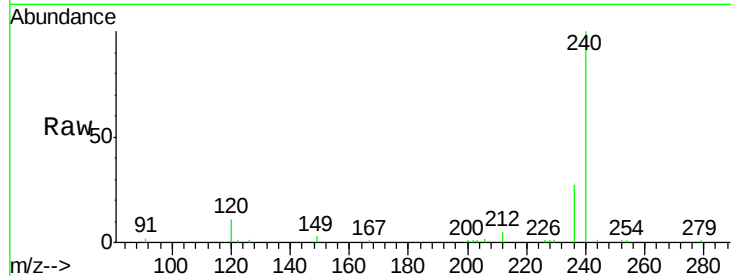
Tot Ion:228 Resp: 102

Ion Ratio Lower Upper

228 100

226 64.0 20.6 31.0#

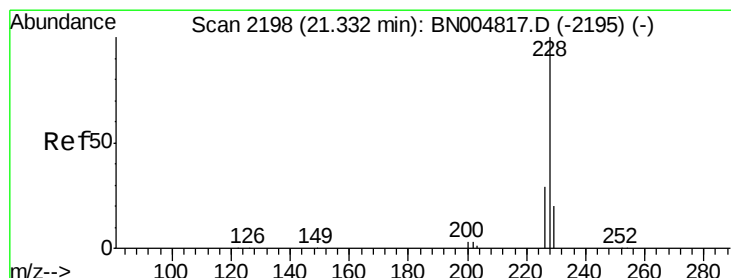
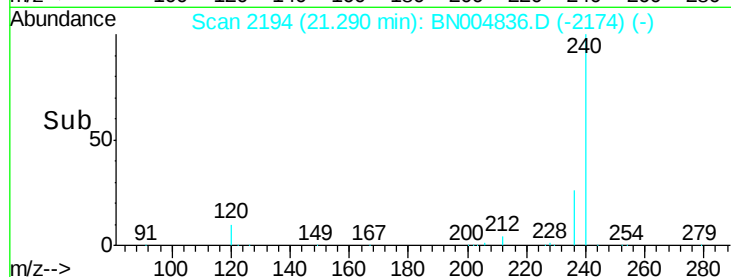
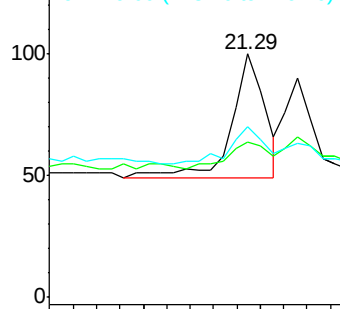
229 70.0 16.2 24.4#



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



#31

Chrysene

Concen: 0.001 ng

RT: 21.33 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BN004836.D

Acq: 21 Mar 2019 01:16

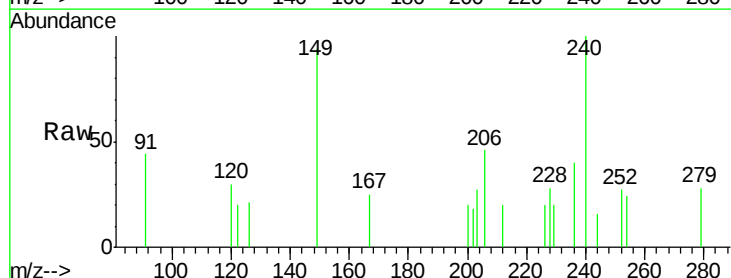
Tgt Ion:228 Resp: 62

Ion Ratio Lower Upper

228 100

226 73.3 23.0 34.6#

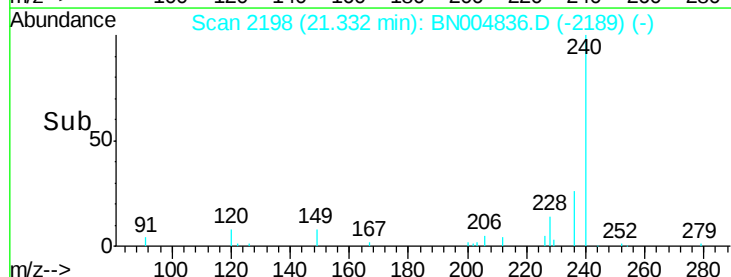
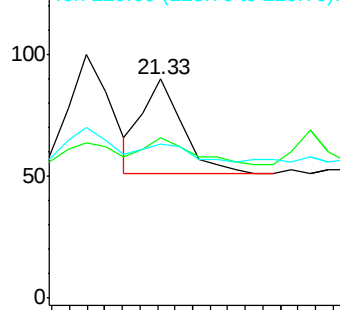
229 70.0 16.2 24.2#

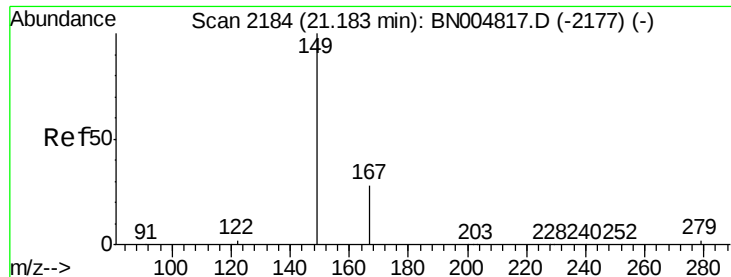


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

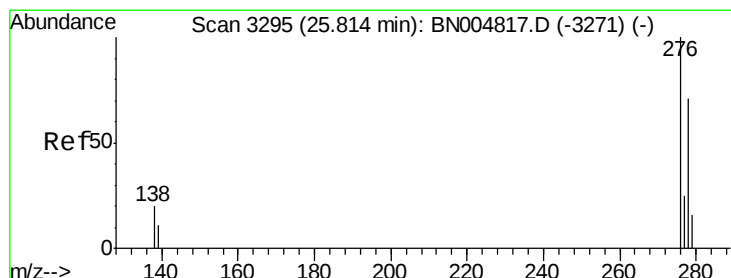
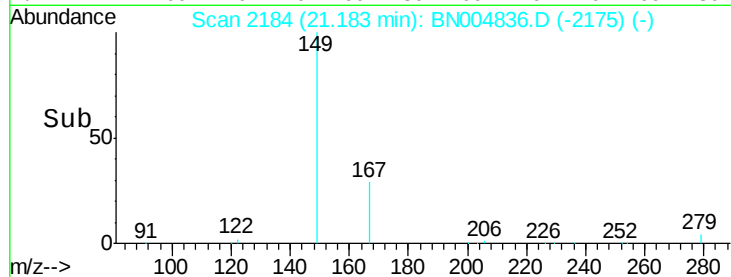
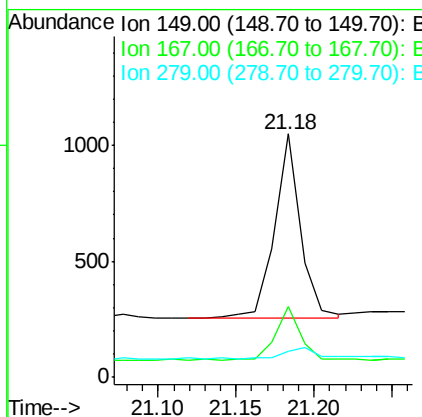
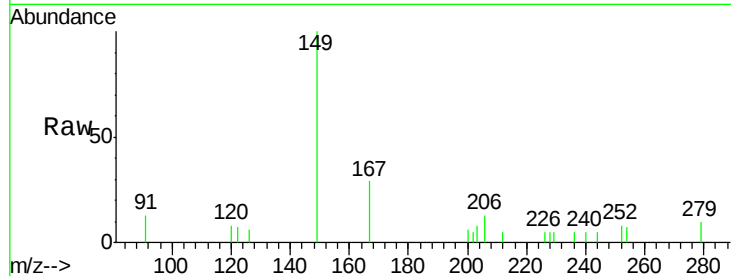




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.049 ng
 RT: 21.18 min Scan# 2184
 Delta R.T. 0.00 min
 Lab File: BN004836.D
 Acq: 21 Mar 2019 01:16

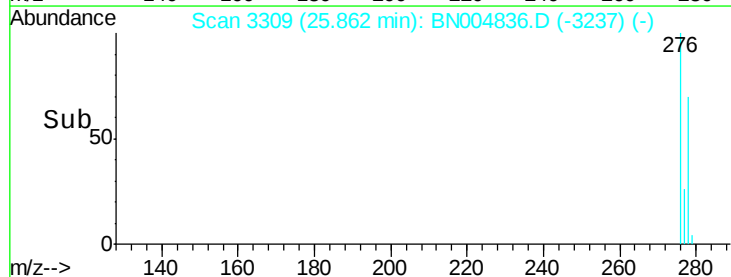
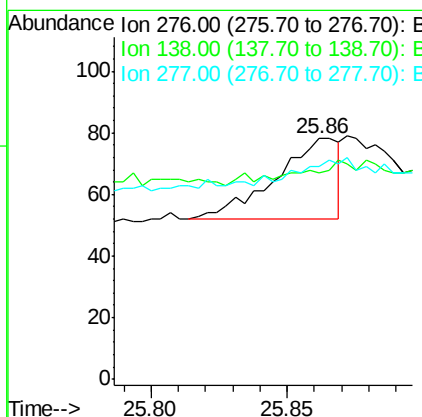
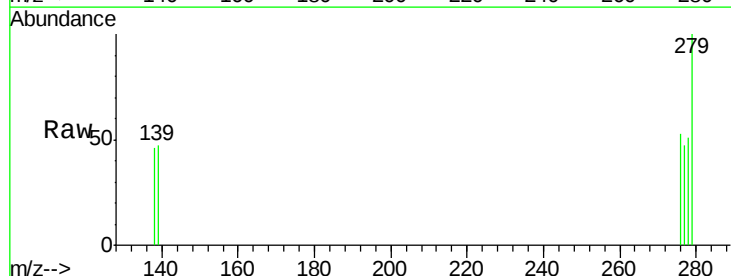
Instrument :
 BNA_N
 ClientSampleId :
 FB-030719

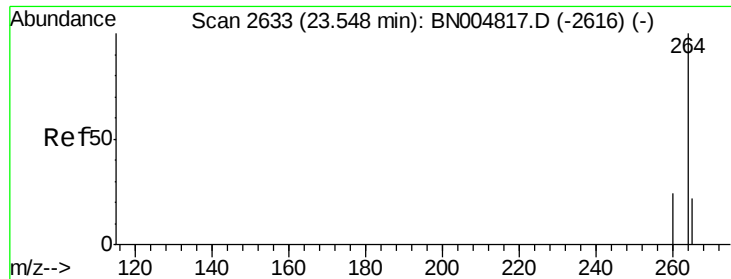
Tot Ion:149 Resp: 902
 Ion Ratio Lower Upper
 149 100
 167 27.4 23.0 34.4
 279 8.3 4.6 6.8#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.001 ng
 RT: 25.86 min Scan# 3309
 Delta R.T. 0.05 min
 Lab File: BN004836.D
 Acq: 21 Mar 2019 01:16

Tgt Ion:276 Resp: 42
 Ion Ratio Lower Upper
 276 100
 138 14.3 16.6 24.8#
 277 33.3 20.3 30.5#

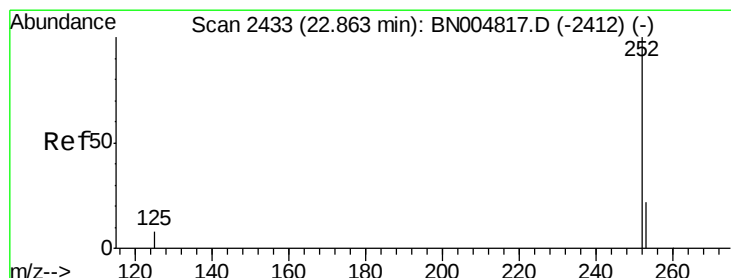
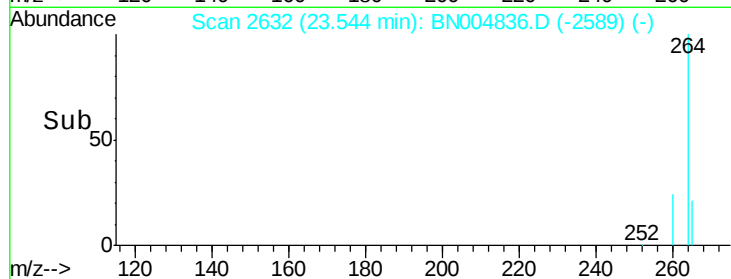
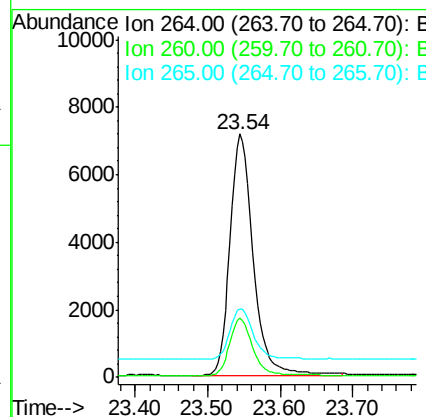
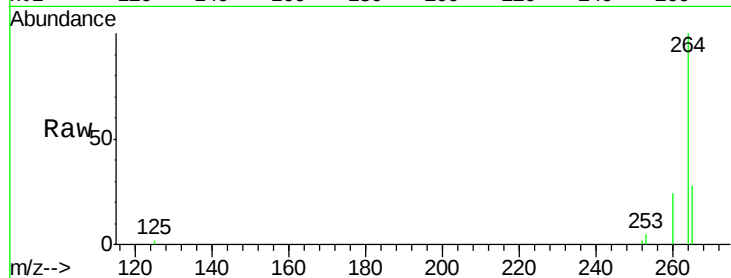




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2632
Delta R.T. -0.00 min
Lab File: BN004836.D
Acq: 21 Mar 2019 01:16

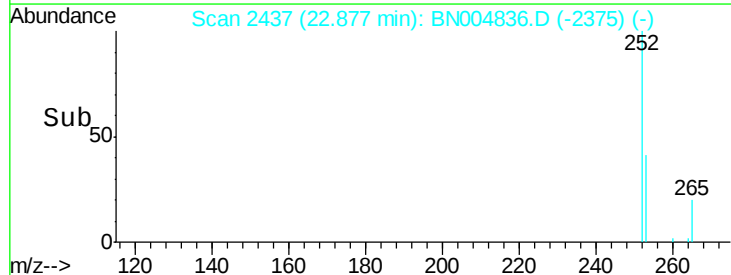
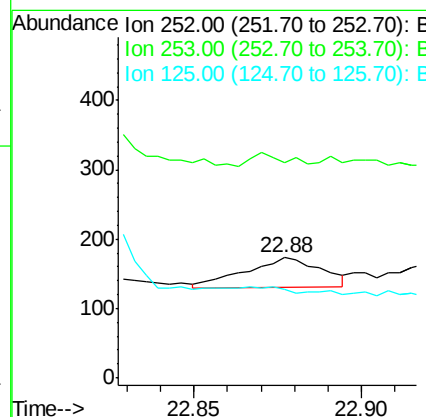
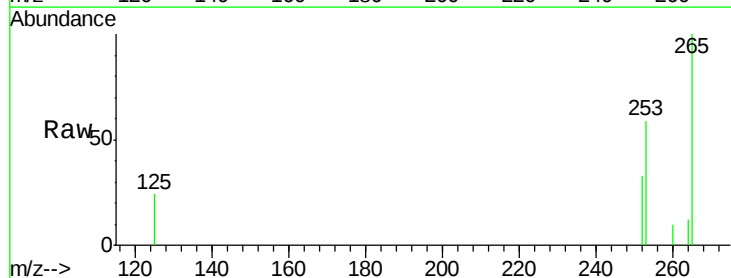
Instrument :
BNA_N
ClientSampleId :
FB-030719

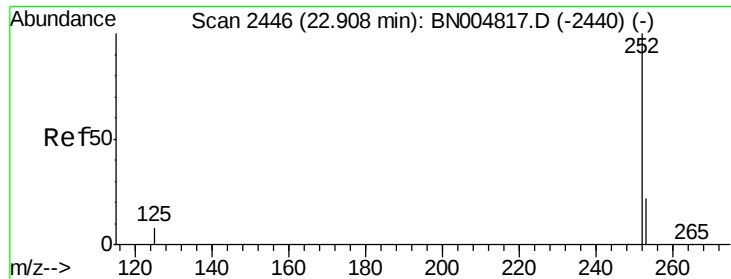
Tot Ion:264 Resp: 15762
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 28.1 23.1 34.7



#35
Benzo(b)fluoranthene
Concen: 0.001 ng
RT: 22.88 min Scan# 2437
Delta R.T. 0.01 min
Lab File: BN004836.D
Acq: 21 Mar 2019 01:16

Tgt Ion:252 Resp: 68
Ion Ratio Lower Upper
252 100
253 179.8 19.0 28.4#
125 74.0 7.4 11.2#





#36

Benzo(k)fluoranthene

Concen: 0.001 ng

RT: 22.92 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BN004836.D

Acq: 21 Mar 2019 01:16

Instrument :

BNA_N

ClientSampleId :

FB-030719

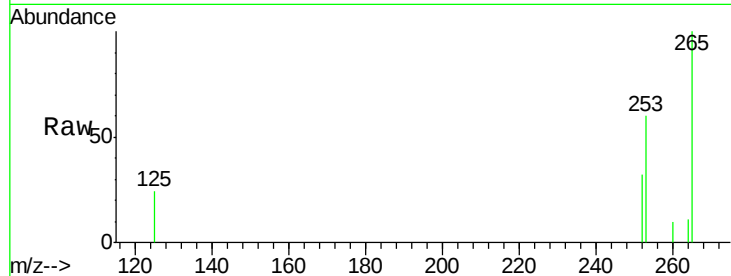
Tot Ion:252 Resp: 55

Ion Ratio Lower Upper

252 100

253 190.4 19.3 28.9#

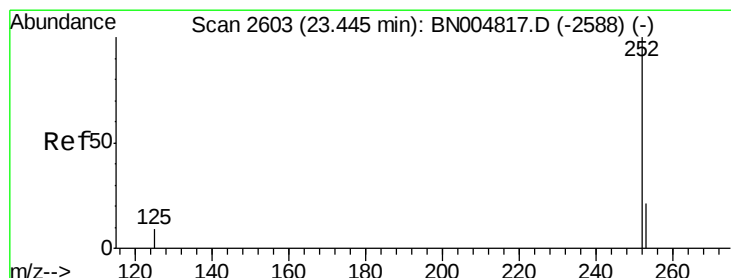
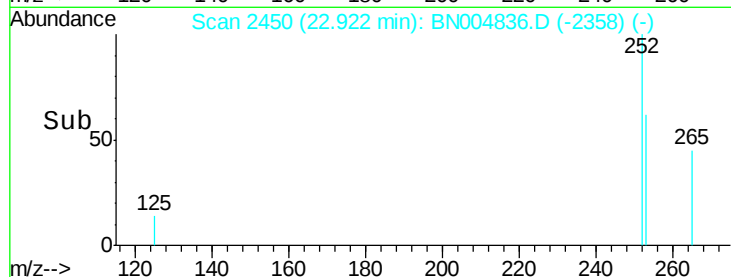
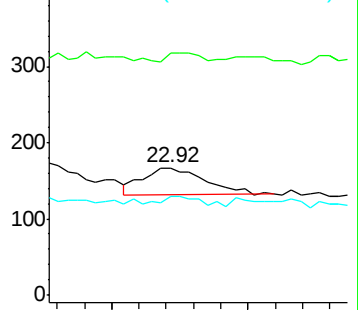
125 77.2 7.4 11.0#



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: 0.001 ng

RT: 23.45 min Scan# 2605

Delta R.T. 0.01 min

Lab File: BN004836.D

Acq: 21 Mar 2019 01:16

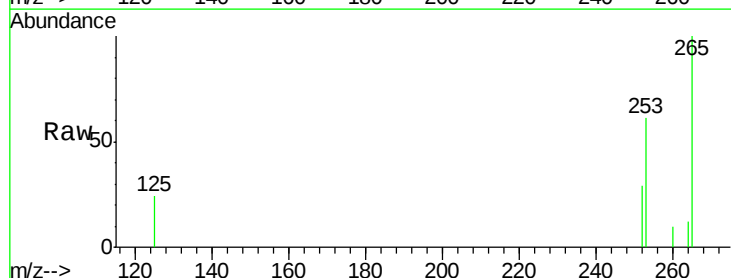
Tgt Ion:252 Resp: 60

Ion Ratio Lower Upper

252 100

253 207.0 19.7 29.5#

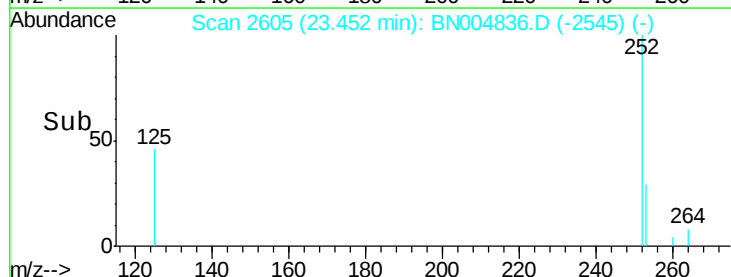
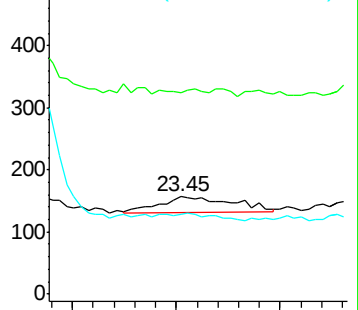
125 81.5 8.3 12.5#

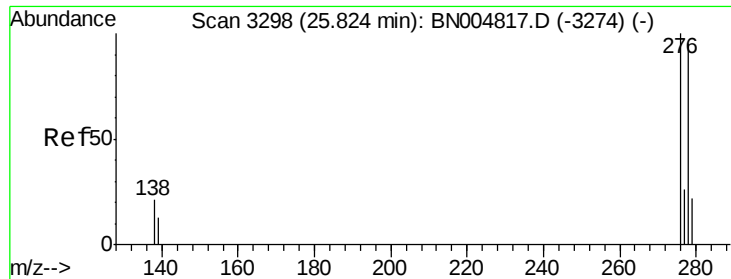


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.001 ng

RT: 25.88 min Scan# 3313

Delta R.T. 0.05 min

Lab File: BN004836.D

Acq: 21 Mar 2019 01:16

Instrument :

BNA_N

ClientSampleId :

FB-030719

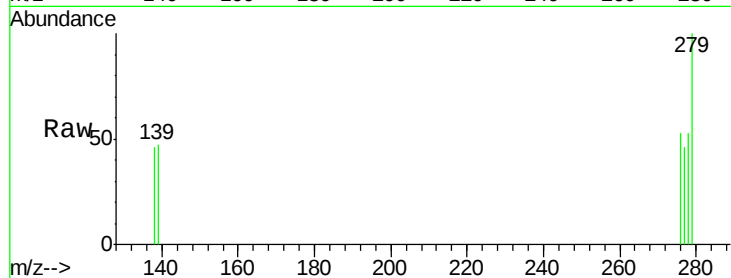
Tot Ion:278 Resp: 69

Ion Ratio Lower Upper

278 100

139 88.5 11.7 17.5#

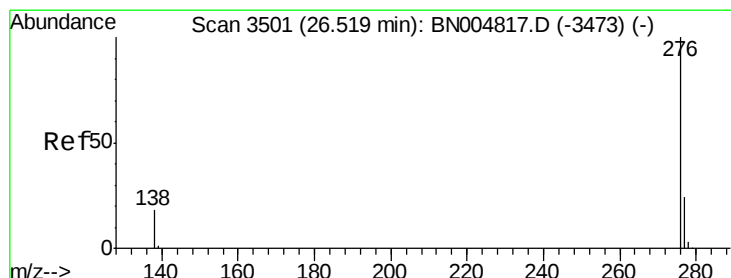
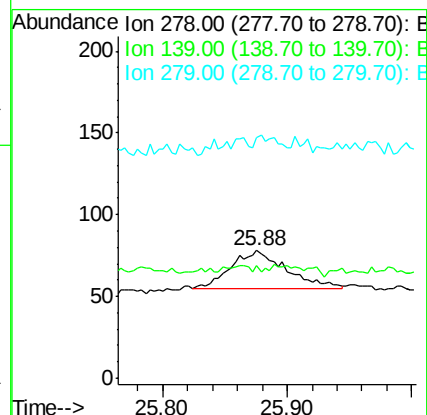
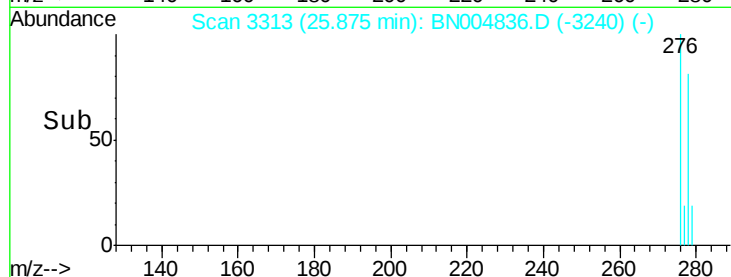
279 188.5 19.9 29.9#



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: 0.002 ng

RT: 26.56 min Scan# 3514

Delta R.T. 0.04 min

Lab File: BN004836.D

Acq: 21 Mar 2019 01:16

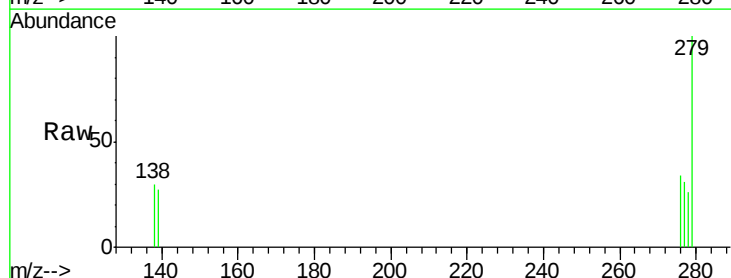
Tgt Ion:276 Resp: 110

Ion Ratio Lower Upper

276 100

277 90.0 19.7 29.5#

138 87.5 14.6 22.0#



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

