

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004828.D
 Acq On : 20 Mar 2019 20:31
 Operator : JU/SJ
 Sample : PB118093BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118093BL

Quant Time: Mar 21 08:47:56 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	7.70	152	1279	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	5071	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	3051	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	8674	0.40	ng	0.01
27) Chrysene-d12	21.30	240	12222	0.40	ng	0.01
34) Perylene-d12	23.55	264	13985	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.30	112	1297	0.37	ng	0.00
5) Phenol-d6	6.89	99	1526	0.35	ng	0.00
8) Nitrobenzene-d5	8.88	82	1014	0.30	ng	0.01
11) 2-Methylnaphthalene-d10	12.09	152	2844	0.32	ng	0.01
14) 2,4,6-Tribromophenol	15.86	330	628	0.30	ng	0.01
15) 2-Fluorobiphenyl	12.97	172	4468	0.35	ng	0.01
25) Fluoranthene-d10	19.14	212	10268	0.35	ng	0.00
29) Terphenyl-d14	19.73	244	8690	0.35	ng	0.00

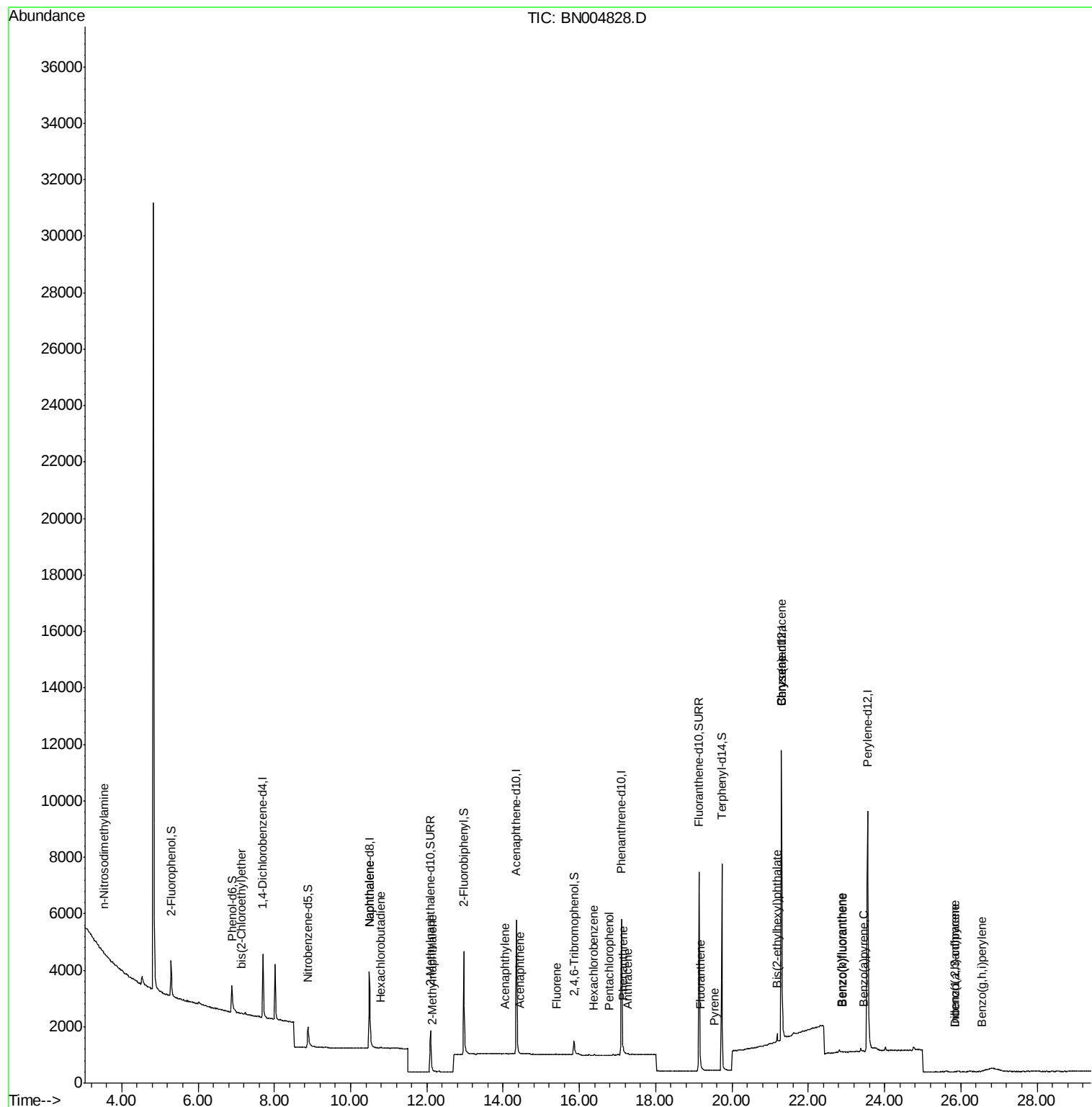
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.55	42	23	0.027	ng	# 1
6) bis(2-Chloroethyl)ether	7.15	93	3	0.001	ng	# 52
9) Naphthalene	10.49	128	5	0.000	ng	# 1
10) Hexachlorobutadiene	10.80	225	2	0.001	ng	# 81
12) 2-Methylnaphthalene	12.16	142	3	0.000	ng	# 50
16) Acenaphthylene	14.05	152	5	0.000	ng	# 7
17) Acenaphthene	14.43	154	5	0.000	ng	# 41
18) Fluorene	15.41	166	1	0.000	ng	# 1
21) Hexachlorobenzene	16.37	284	3	0.000	ng	# 5
22) Pentachlorophenol	16.78	266	4	0.003	ng	# 62
23) Phenanthrene	17.14	178	19	0.001	ng	# 80
24) Anthracene	17.26	178	8	0.000	ng	# 1
26) Fluoranthene	19.18	202	7	0.000	ng	# 74
28) Pyrene	19.55	202	18	0.000	ng	# 89
30) Benzo(a)anthracene	21.30	228	63	0.002	ng	# 1
31) Chrysene	21.30	228	50	0.001	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.18	149	400	0.025	ng	# 96
33) Indeno(1,2,3-cd)pyrene	25.85	276	2	0.000	ng	# 45
35) Benzo(b)fluoranthene	22.87	252	14	0.000	ng	# 1
36) Benzo(k)fluoranthene	22.89	252	4	0.000	ng	# 1
37) Benzo(a)pyrene	23.45	252	5	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	25.83	278	1	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.54	276	1	0.000	ng	# 1

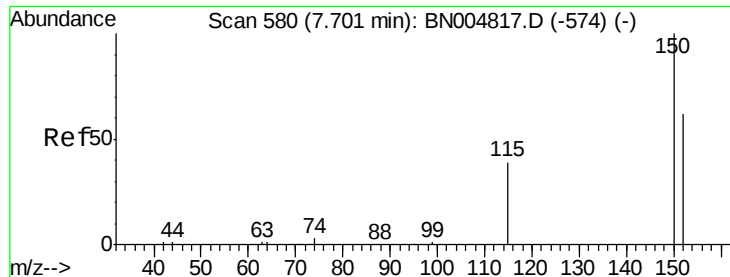
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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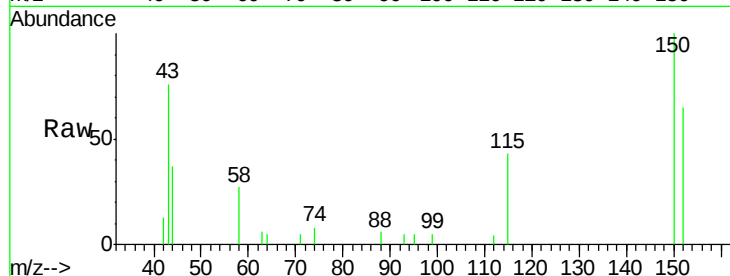


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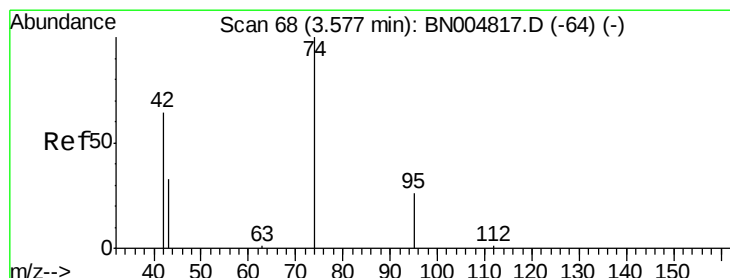
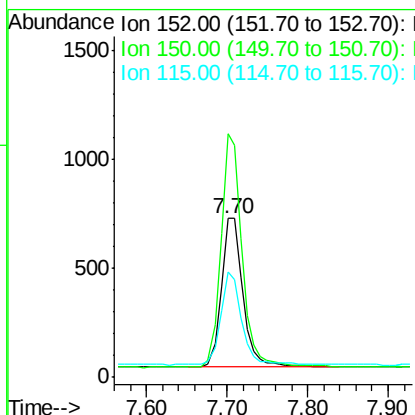
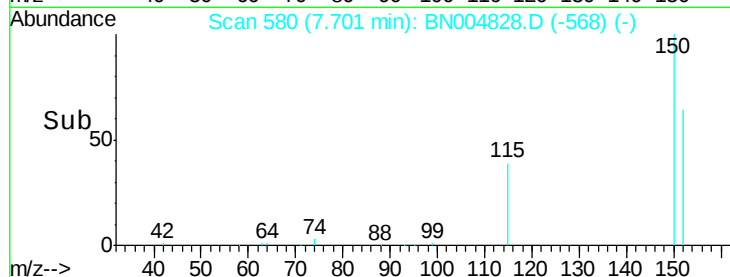
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. 0.00 min
Lab File: BN004828.D
Acq: 20 Mar 2019 20:31

Instrument :
BNA_N
ClientSampled :
PB118093BL

Tot Ion:152 Resp: 1279
Ion Ratio Lower Upper
152 100
150 153.5 126.2 189.4
115 66.3 52.6 79.0



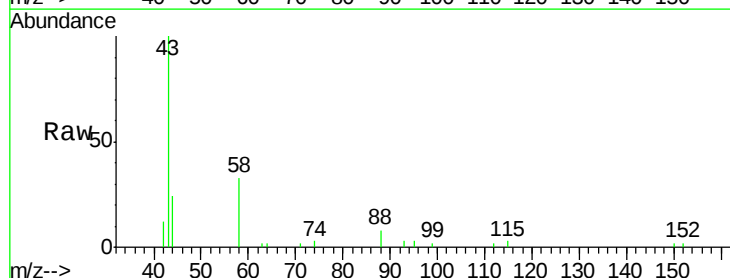
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



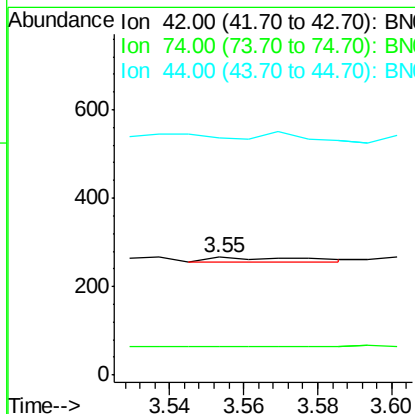
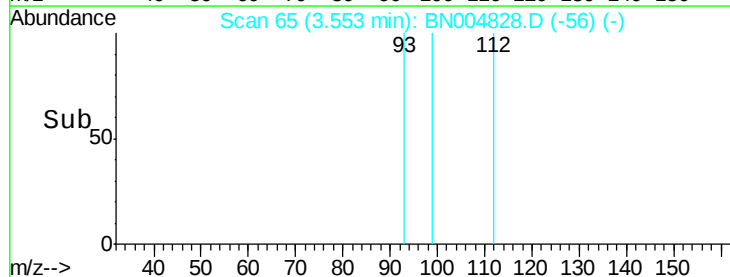
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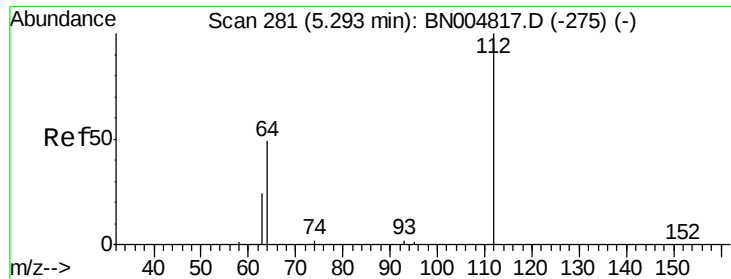
n-Nitrosodimethylamine
Concen: 0.027 ng
RT: 3.55 min Scan# 65
Delta R.T. -0.02 min
Lab File: BN004828.D
Acq: 20 Mar 2019 20:31

Tgt Ion: 42 Resp: 23
Ion Ratio Lower Upper
42 100
74 13.0 128.4 192.6#
44 78.3 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: 0.373 ng

RT: 5.30 min Scan# 282

Delta R.T. 0.01 min

Lab File: BN004828.D

Acq: 20 Mar 2019 20:31

Instrument :

BNA_N

ClientSampleId :

PB118093BL

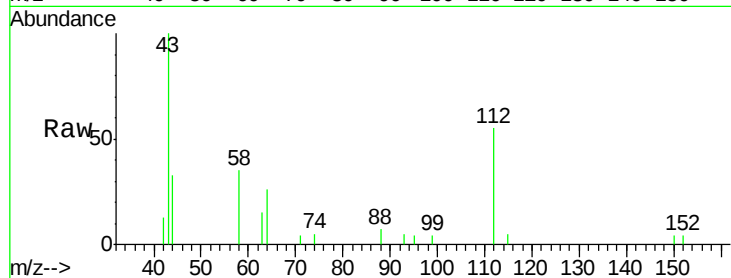
Tot Ion: 112 Resp: 1297

Ion Ratio Lower Upper

112 100

64 49.0 40.0 60.0

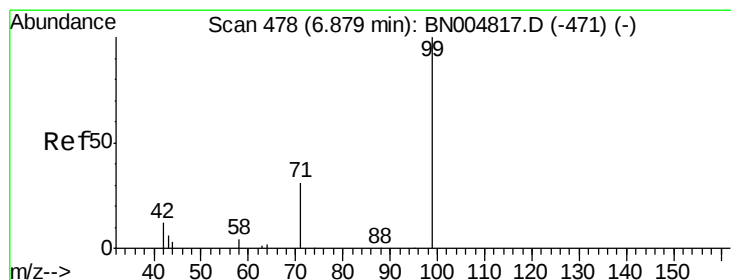
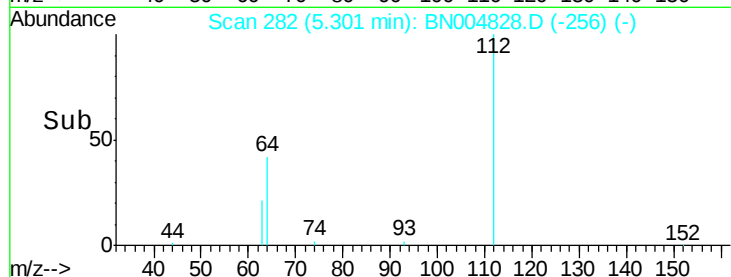
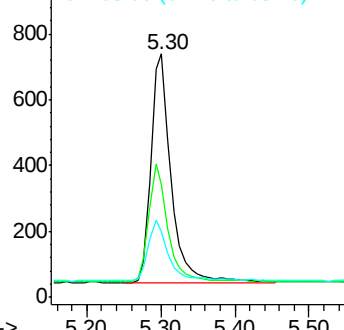
63 26.5 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.353 ng

RT: 6.89 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN004828.D

Acq: 20 Mar 2019 20:31

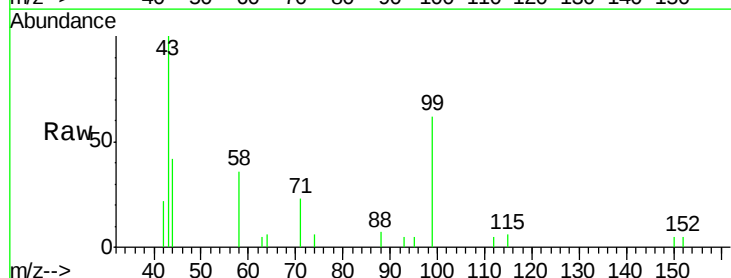
Tgt Ion: 99 Resp: 1526

Ion Ratio Lower Upper

99 100

42 18.3 12.7 19.1

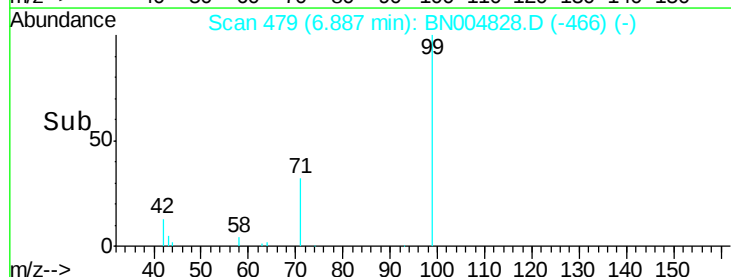
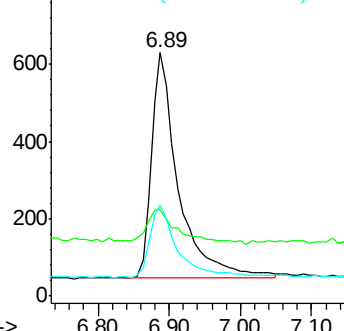
71 32.9 26.6 40.0

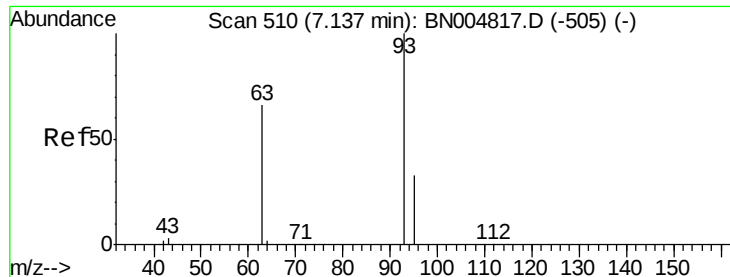


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO



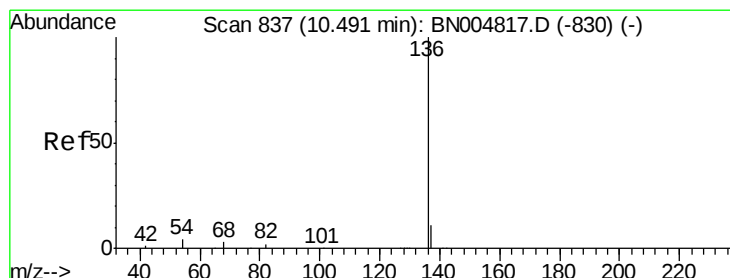
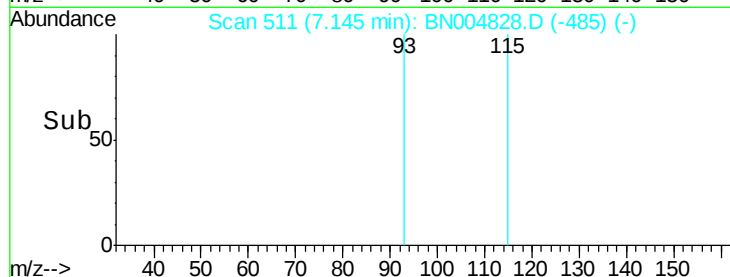
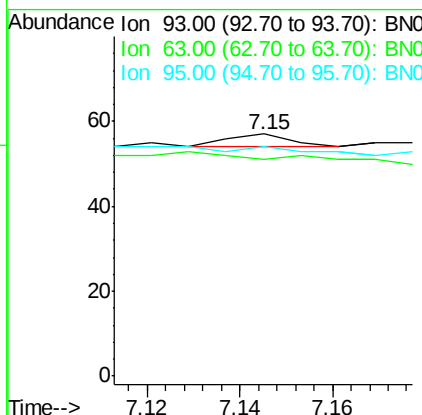
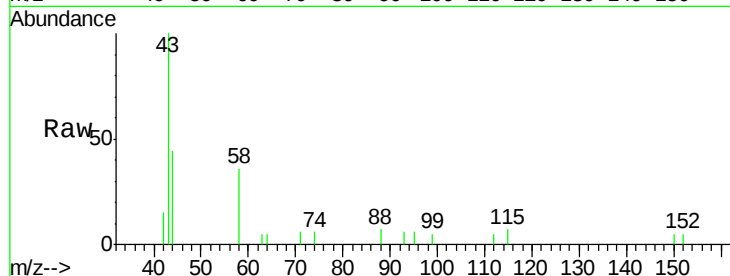


#6

bis(2-Chloroethyl)ether
Concen: 0.001 ng
RT: 7.15 min Scan# 511
Delta R.T. 0.01 min
Lab File: BN004828.D
Acq: 20 Mar 2019 20:31

Instrument :
BNA_N
ClientSampleId :
PB118093BL

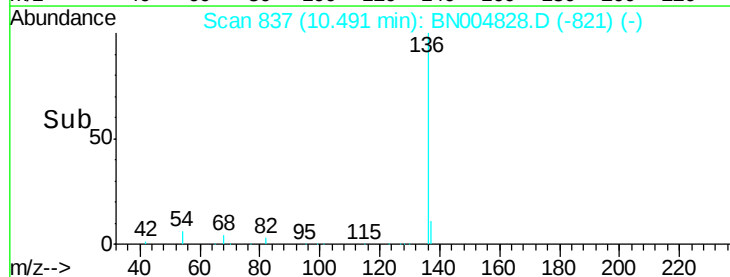
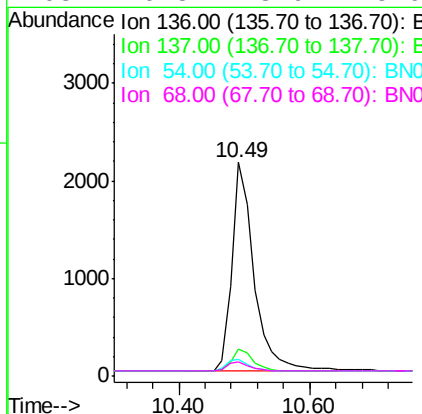
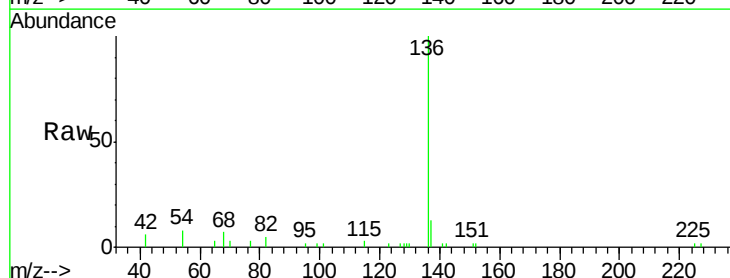
Tot Ion: 93 Resp: 3
Ion Ratio Lower Upper
93 100
63 100.0 52.6 78.8#
95 0.0 25.9 38.9#

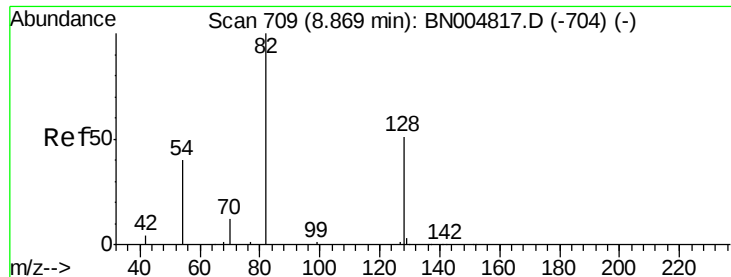


#7

Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 837
Delta R.T. 0.00 min
Lab File: BN004828.D
Acq: 20 Mar 2019 20:31

Tgt Ion:136 Resp: 5071
Ion Ratio Lower Upper
136 100
137 12.6 9.6 14.4
54 7.9 4.2 6.2#
68 6.8 3.9 5.9#

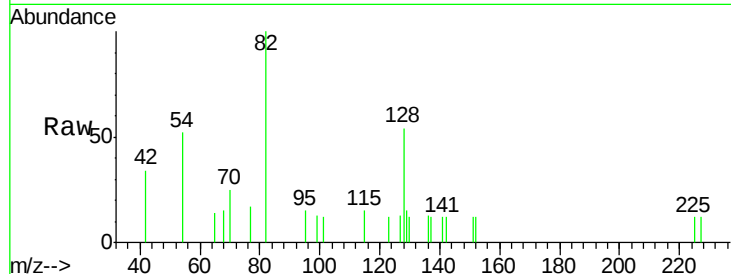




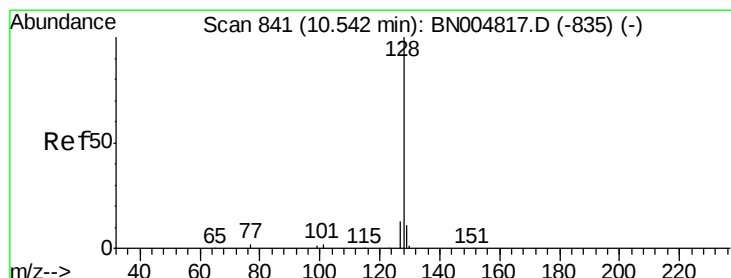
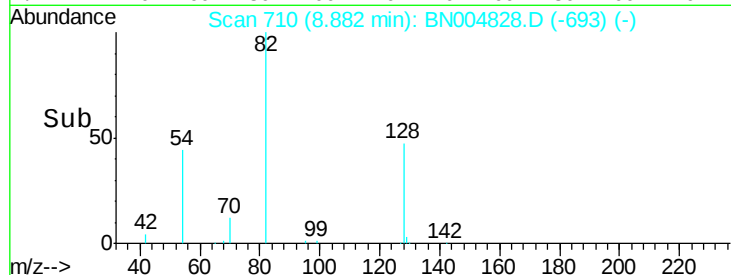
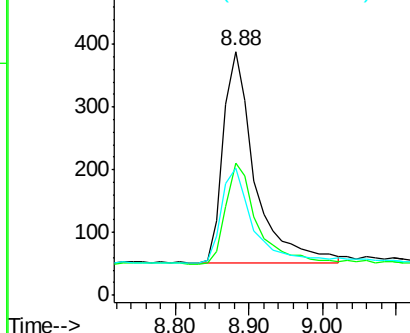
#8
 Nitrobenzene-d5
 Concen: 0.302 ng
 RT: 8.88 min Scan# 710
 Delta R.T. 0.01 min
 Lab File: BN004828.D
 Acq: 20 Mar 2019 20:31

Instrument :
 BNA_N
 ClientSampleID :
 PB118093BL

Tot Ion: 82 Resp: 1014
 Ion Ratio Lower Upper
 82 100
 128 54.1 43.0 64.6
 54 52.1 35.3 52.9

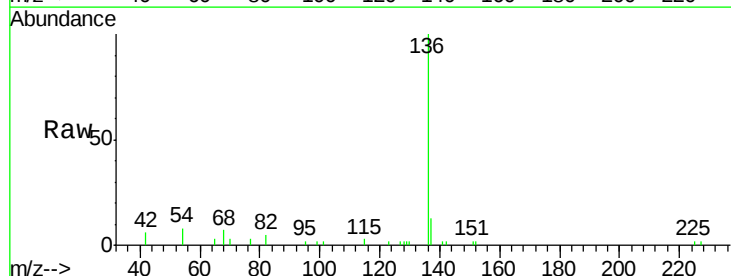


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

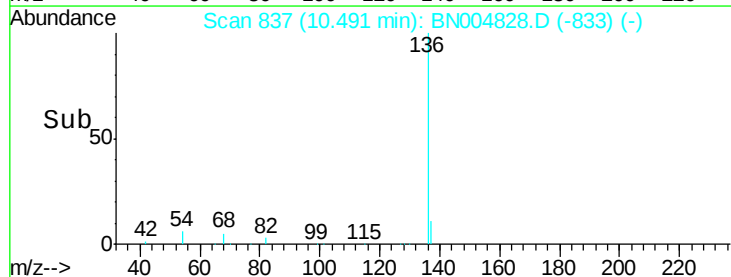
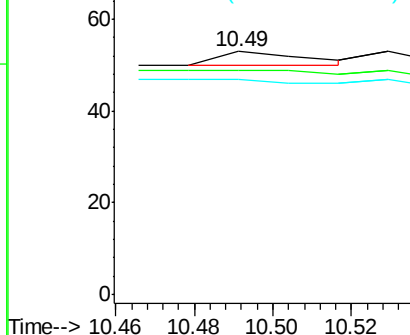


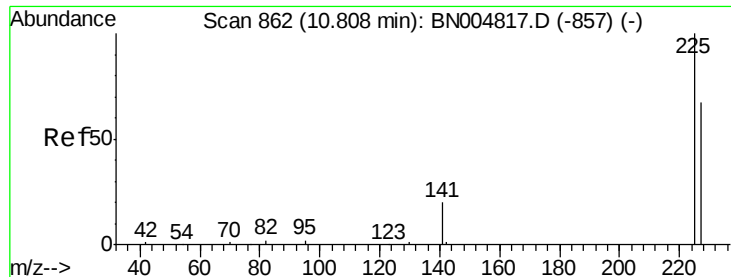
#9
 Naphthalene
 Concen: 0.000 ng
 RT: 10.49 min Scan# 837
 Delta R.T. -0.05 min
 Lab File: BN004828.D
 Acq: 20 Mar 2019 20:31

Tgt Ion: 128 Resp: 5
 Ion Ratio Lower Upper
 128 100
 129 92.5 9.9 14.9#
 127 88.7 11.3 16.9#



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

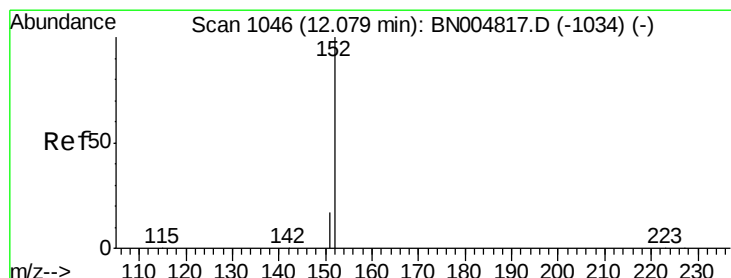
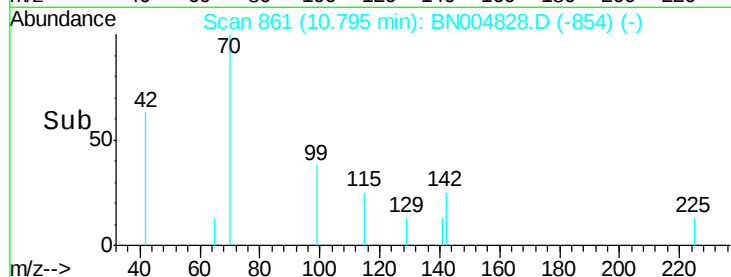
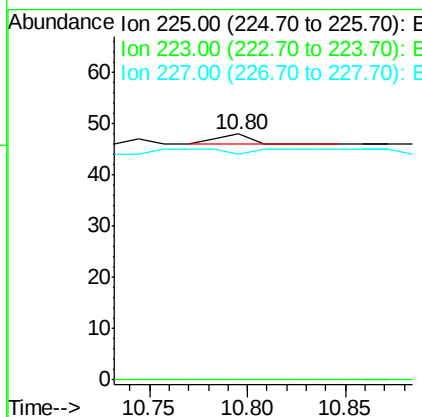
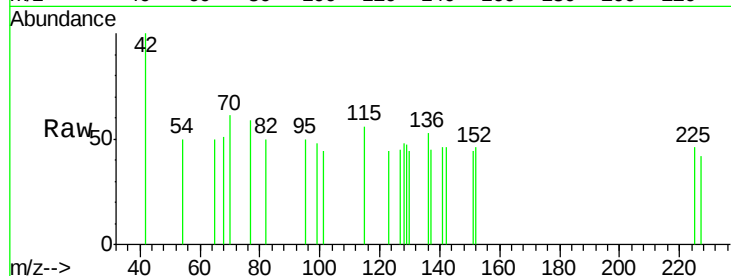




#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.80 min Scan# 861
Delta R.T. -0.01 min
Lab File: BN004828.D
Acq: 20 Mar 2019 20:31

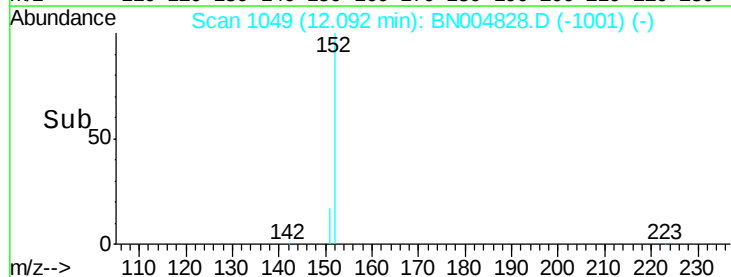
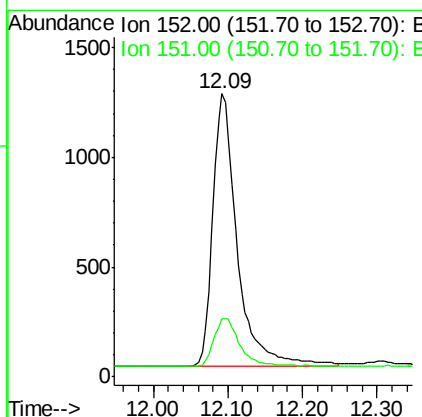
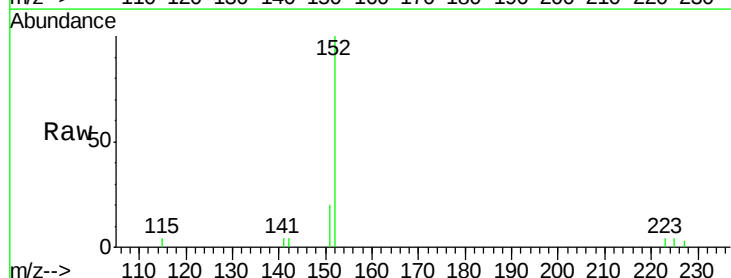
Instrument :
BNA_N
ClientSampleId :
PB118093BL

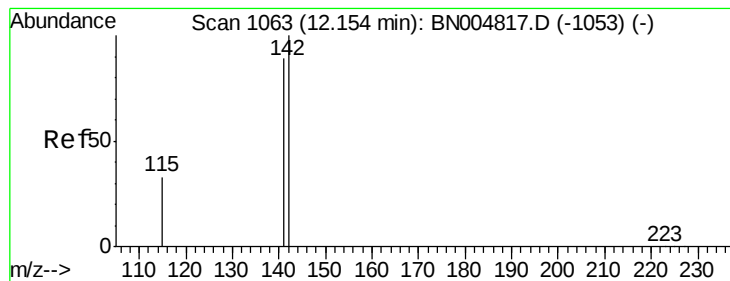
Tot Ion: 225 Resp: 2
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 50.0 52.2 78.4#



#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.09 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BN004828.D
Acq: 20 Mar 2019 20:31

Tgt Ion: 152 Resp: 2844
Ion Ratio Lower Upper
152 100
151 19.1 15.5 23.3





#12

2-Methylnaphthalene

Concen: 0.000 ng

RT: 12.16 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BN004828.D

Acq: 20 Mar 2019 20:31

Instrument :

BNA_N

ClientSampleId :

PB118093BL

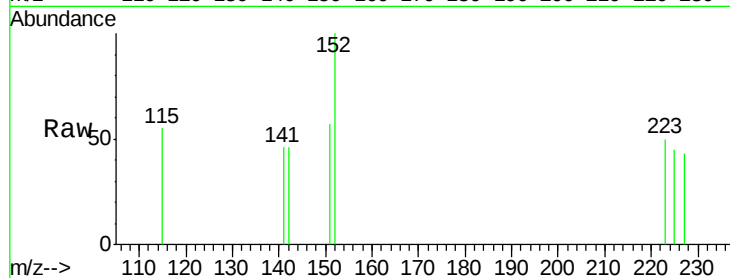
Tot Ion:142 Resp: 3

Ion Ratio Lower Upper

142 100

141 100.0 71.4 107.2

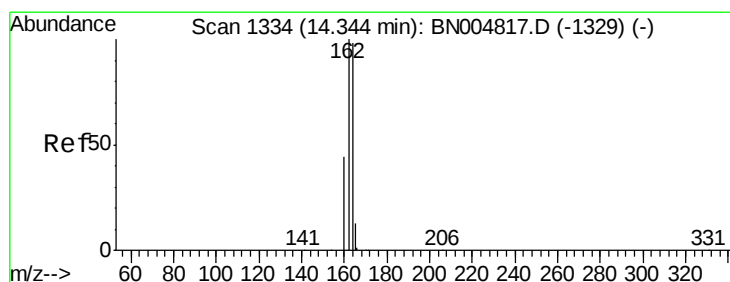
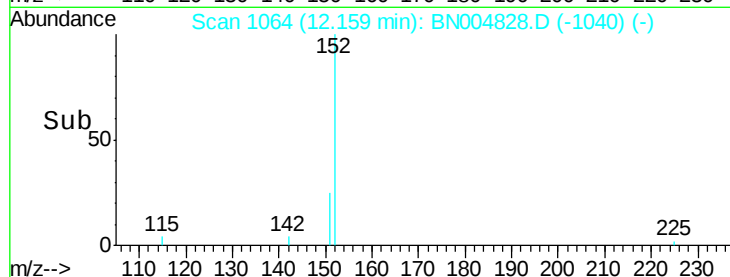
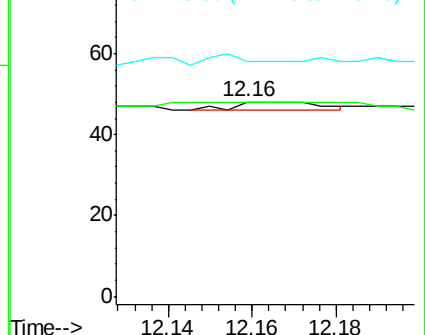
115 120.8 27.5 41.3#



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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BN004828.D

Acq: 20 Mar 2019 20:31

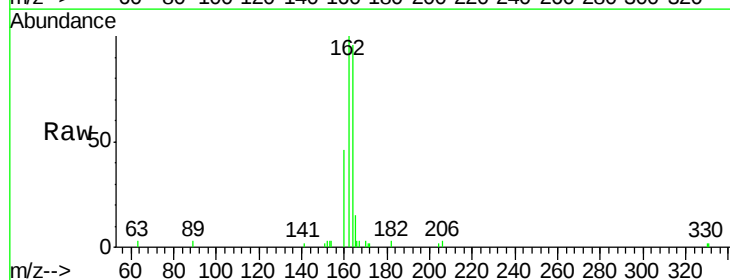
Tgt Ion:164 Resp: 3051

Ion Ratio Lower Upper

164 100

162 103.9 81.9 122.9

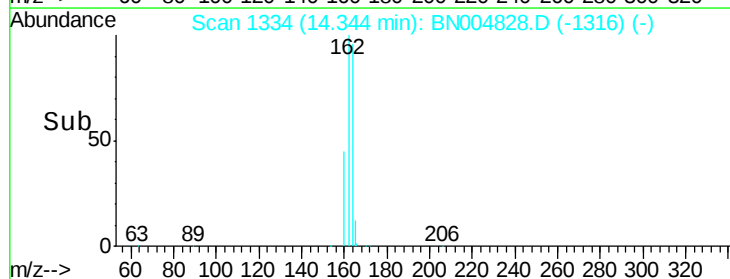
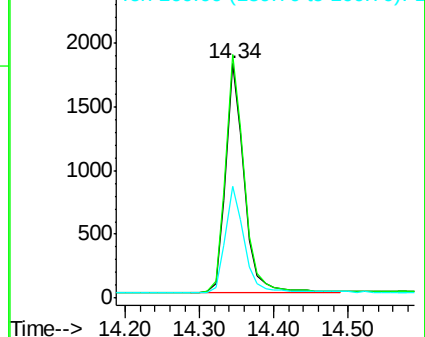
160 48.0 36.6 54.8

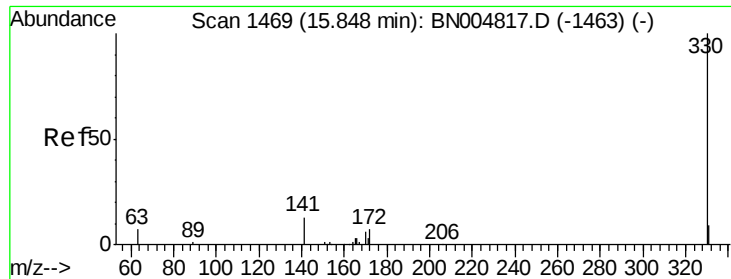


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

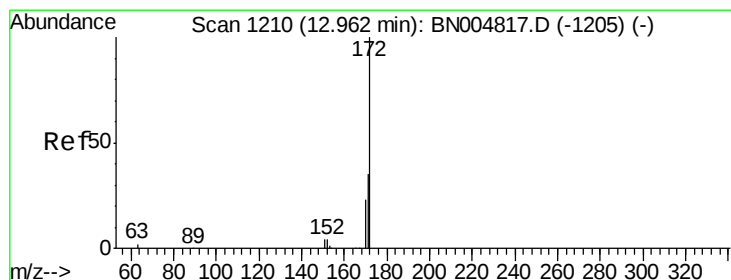
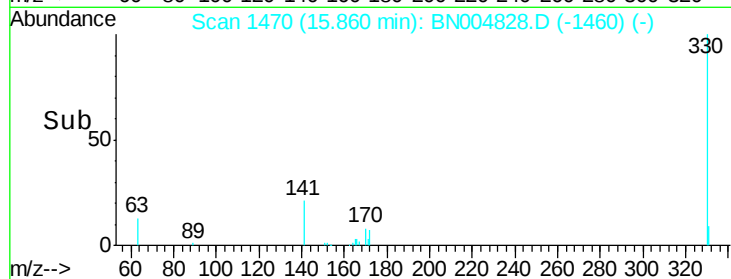
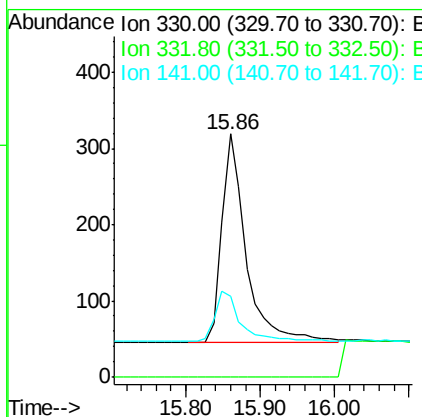
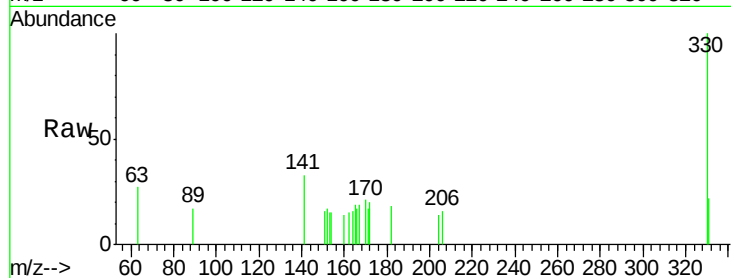




#14
 2,4,6-Tribromophenol
 Concen: 0.298 ng
 RT: 15.86 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BN004828.D
 Acq: 20 Mar 2019 20:31

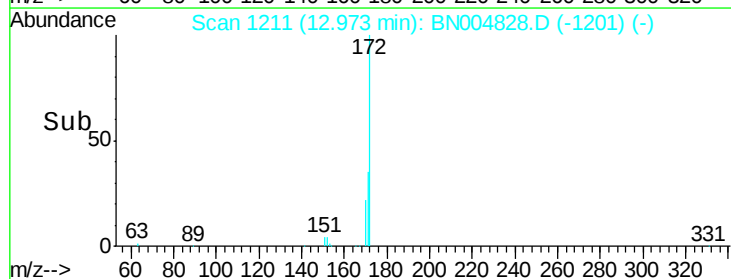
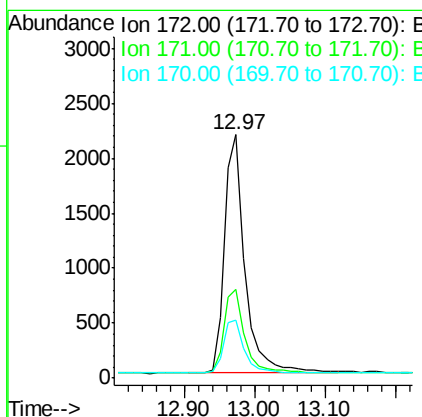
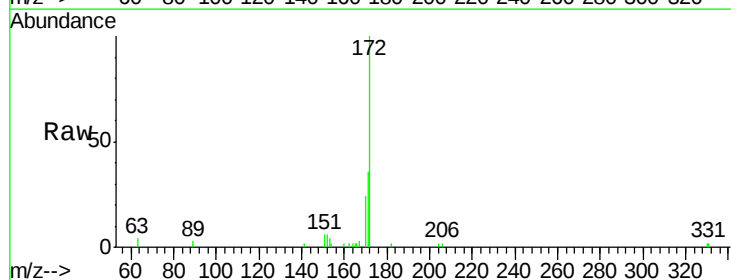
Instrument :
 BNA_N
 ClientSampleId :
 PB118093BL

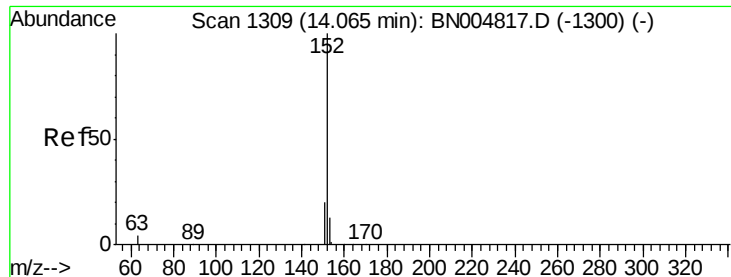
Tot Ion:330 Resp: 628
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 25.0 20.9 31.3



#15
 2-Fluorobiphenyl
 Concen: 0.354 ng
 RT: 12.97 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BN004828.D
 Acq: 20 Mar 2019 20:31

Tgt Ion:172 Resp: 4468
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.7 43.1
 170 23.7 18.7 28.1





#16

Acenaphthylene

Concen: 0.000 ng

RT: 14.05 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BN004828.D

Acq: 20 Mar 2019 20:31

Instrument :

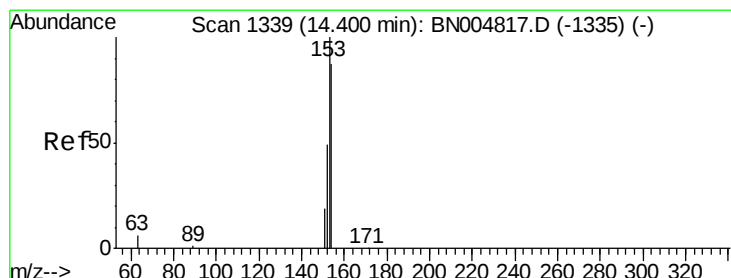
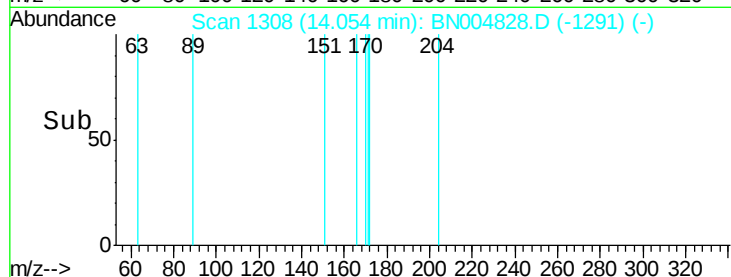
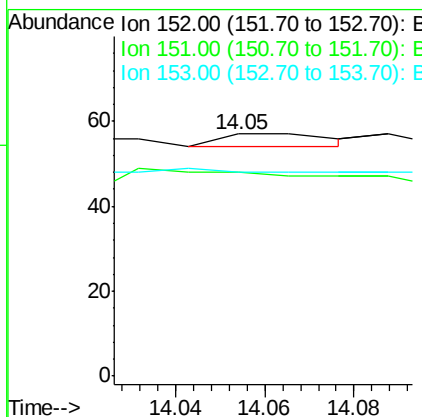
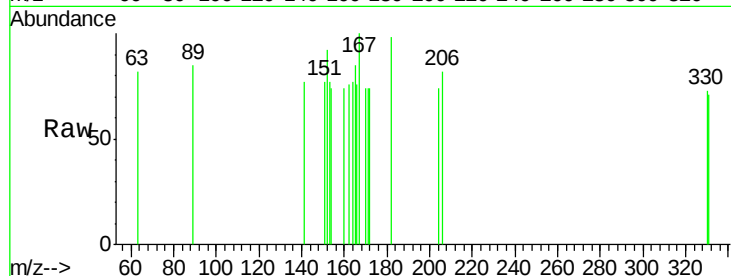
BNA_N

ClientSampleId :

PB118093BL

Tot Ion:152 Resp: 5

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.1	24.1#
153	80.0	10.5	15.7#



#17

Acenaphthene

Concen: 0.000 ng

RT: 14.43 min Scan# 1342

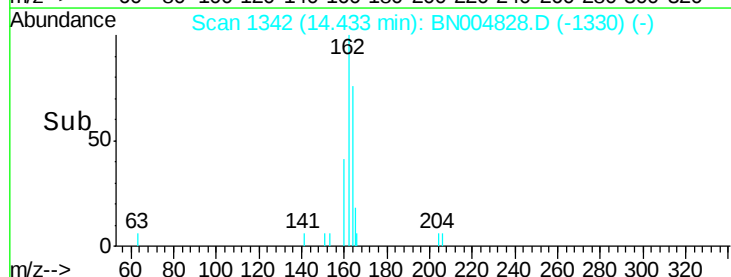
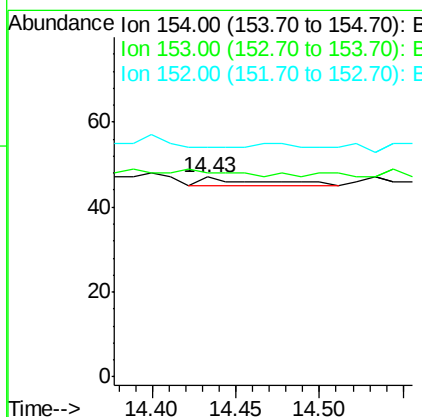
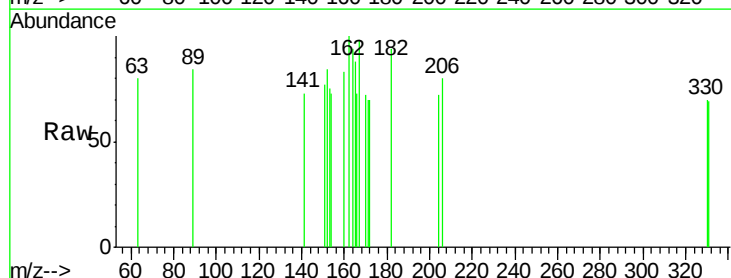
Delta R.T. 0.03 min

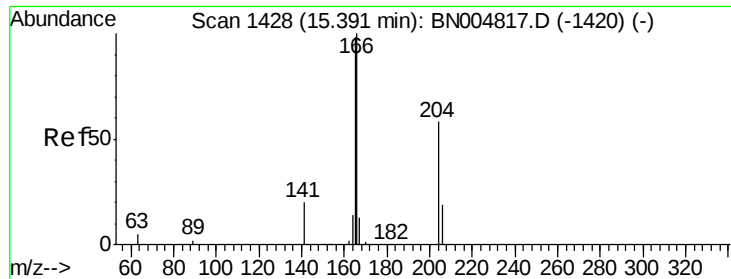
Lab File: BN004828.D

Acq: 20 Mar 2019 20:31

Tgt Ion:154 Resp: 5

Ion	Ratio	Lower	Upper
154	100		
153	60.0	91.4	137.2#
152	0.0	44.2	66.2#

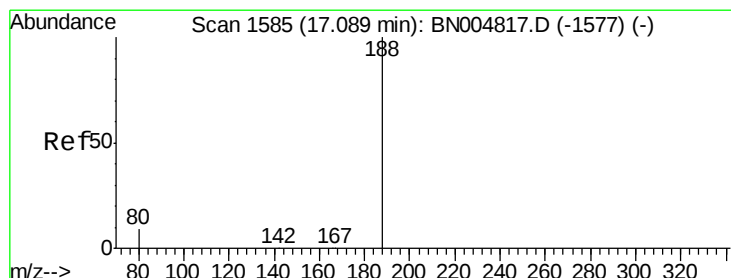
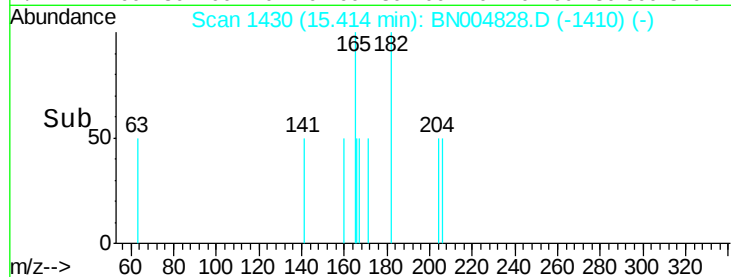
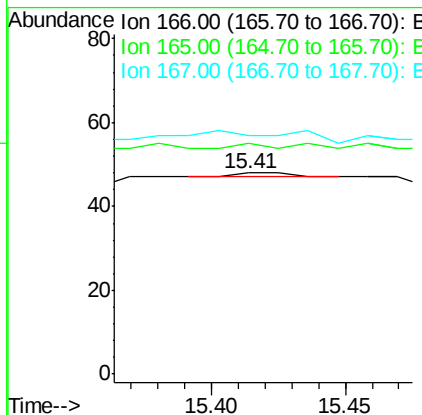
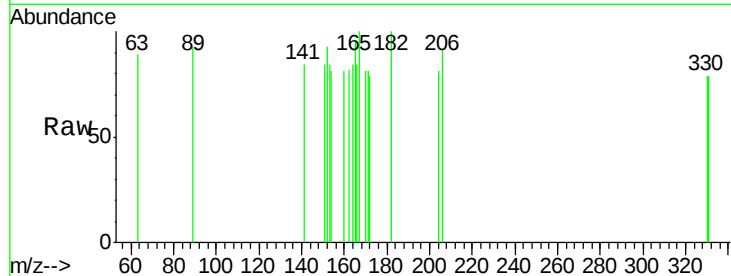




#18
 Fluorene
 Concen: 0.000 ng
 RT: 15.41 min Scan# 1430
 Delta R.T. 0.02 min
 Lab File: BN004828.D
 Acq: 20 Mar 2019 20:31

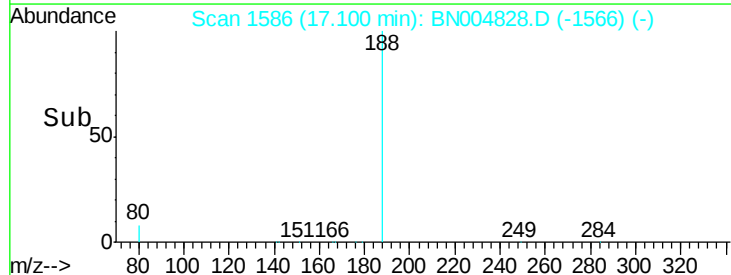
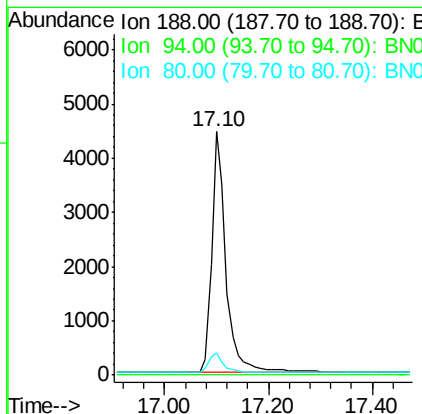
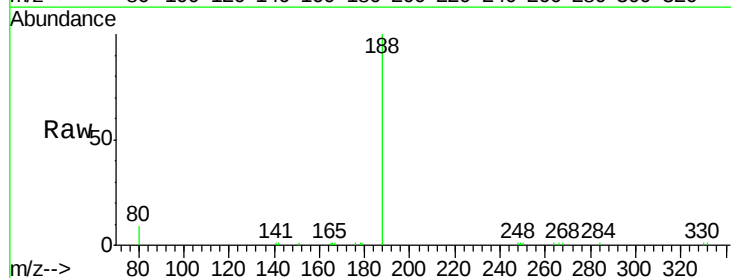
Instrument :
 BNA_N
 ClientSampleId :
 PB118093BL

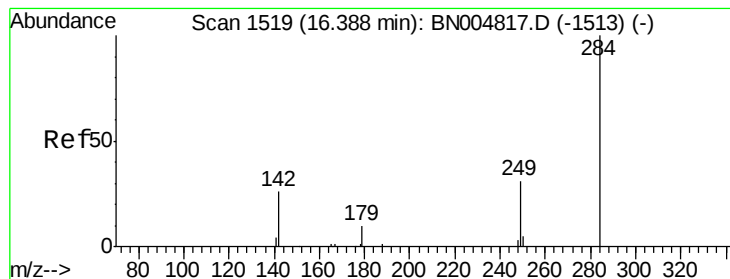
Tot Ion:166 Resp: 1
 Ion Ratio Lower Upper
 166 100
 165 100.0 78.2 117.4
 167 900.0 11.0 16.4#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.10 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: BN004828.D
 Acq: 20 Mar 2019 20:31

Tgt Ion:188 Resp: 8674
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.3 7.4 11.2





#21

Hexachlorobenzene

Concen: 0.000 ng

RT: 16.37 min Scan# 1517

Delta R.T. -0.02 min

Lab File: BN004828.D

Acq: 20 Mar 2019 20:31

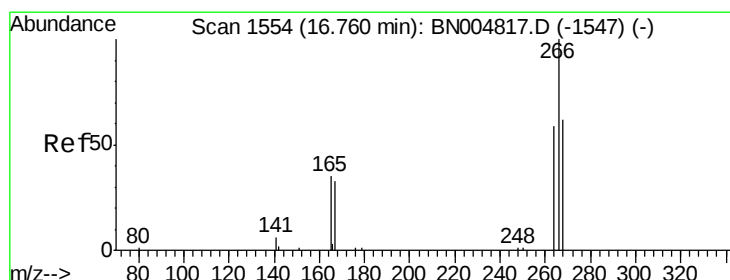
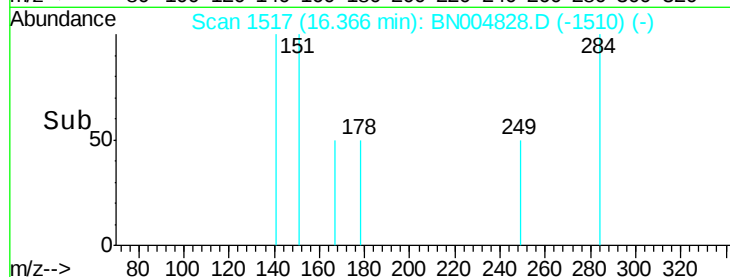
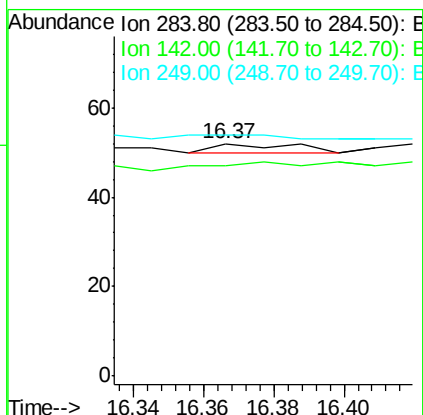
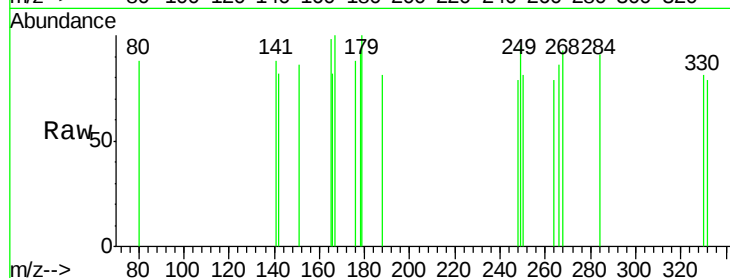
Instrument :

BNA_N

ClientSampleId :

PB118093BL

Tot Ion:284	Resp:	3	
Ion Ratio	Lower	Upper	
284	100		
142	100.0	22.6	34.0#
249	0.0	22.5	33.7#



#22

Pentachlorophenol

Concen: 0.003 ng

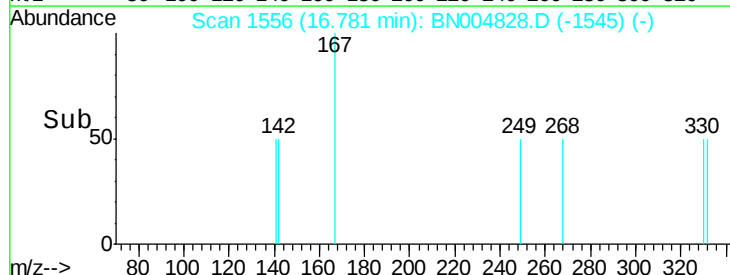
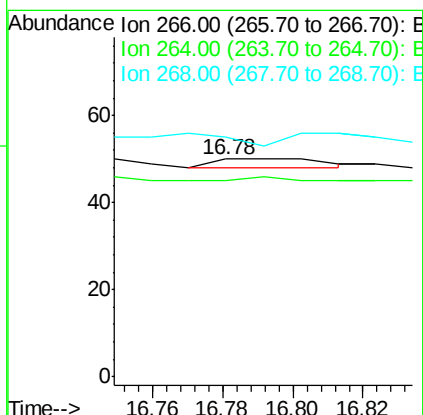
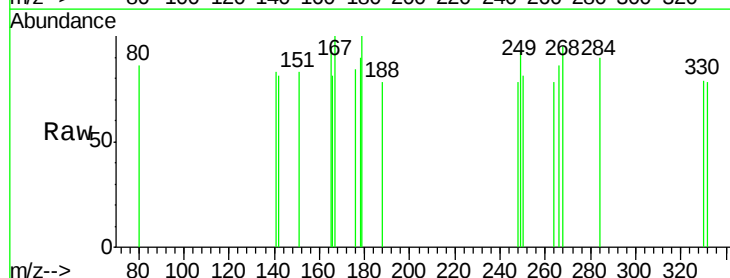
RT: 16.78 min Scan# 1556

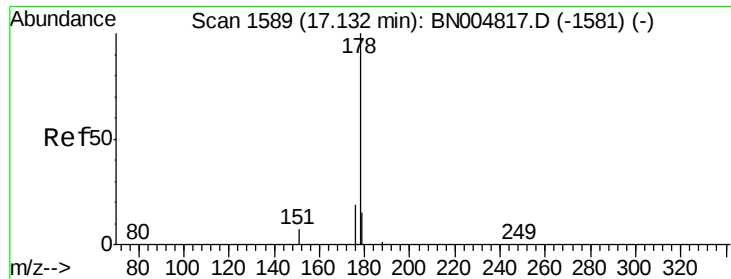
Delta R.T. 0.02 min

Lab File: BN004828.D

Acq: 20 Mar 2019 20:31

Tgt Ion:266	Resp:	4
Ion Ratio	Lower	Upper
266 100		
264 90.0	53.1	79.7#
268 110.0	57.7	86.5#





#23

Phenanthrene

Concen: 0.001 ng

RT: 17.14 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BN004828.D

Acq: 20 Mar 2019 20:31

Instrument :

BNA_N

ClientSampleId :

PB118093BL

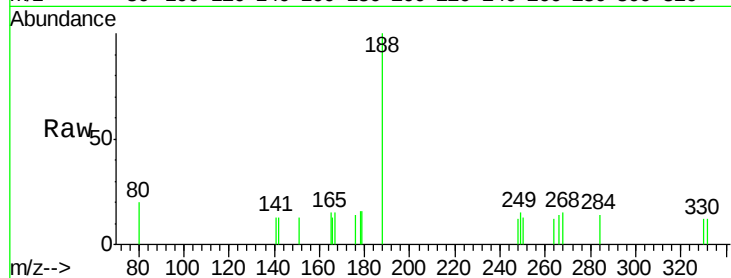
Tot Ion:178 Resp: 19

Ion Ratio Lower Upper

178 100

176 15.8 14.9 22.3

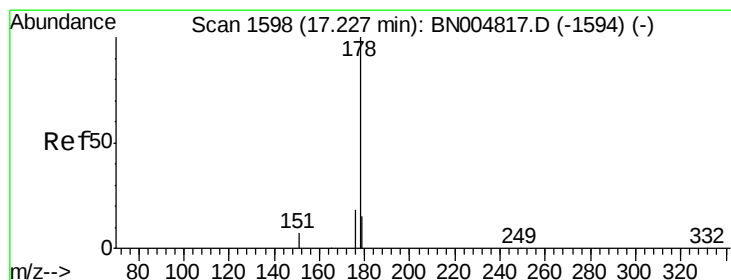
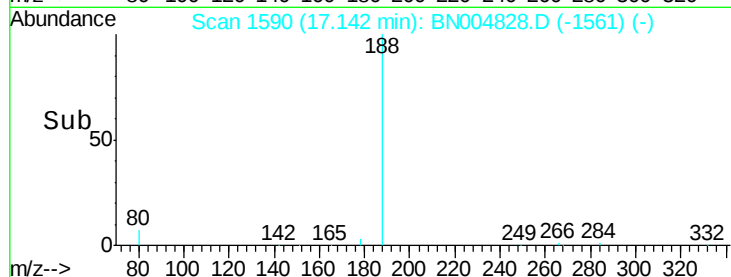
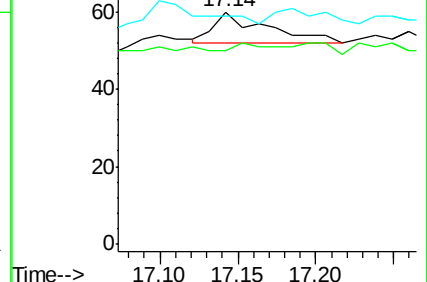
179 0.0 12.1 18.1#



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



#24

Anthracene

Concen: 0.000 ng

RT: 17.26 min Scan# 1601

Delta R.T. 0.03 min

Lab File: BN004828.D

Acq: 20 Mar 2019 20:31

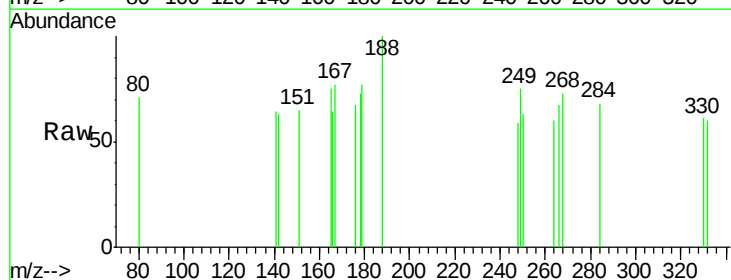
Tgt Ion:178 Resp: 8

Ion Ratio Lower Upper

178 100

176 0.0 14.5 21.7#

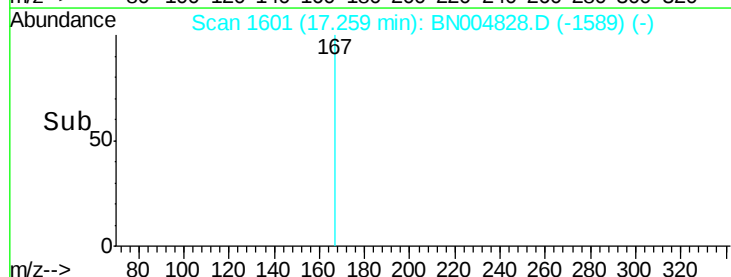
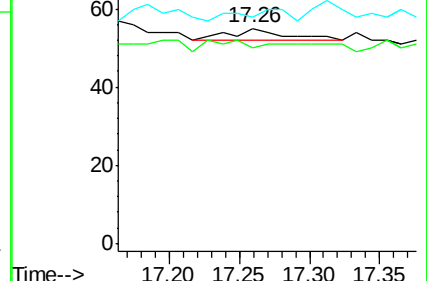
179 87.5 12.2 18.4#

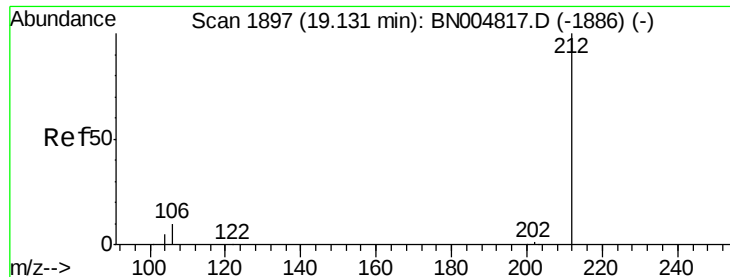


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

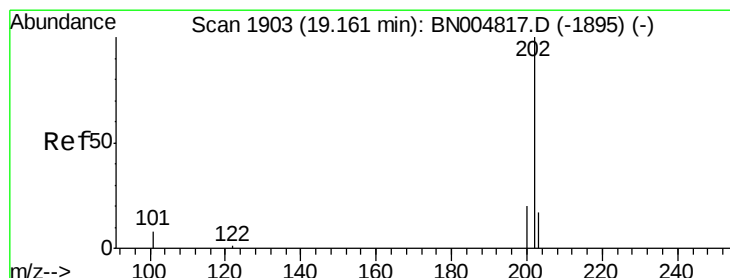
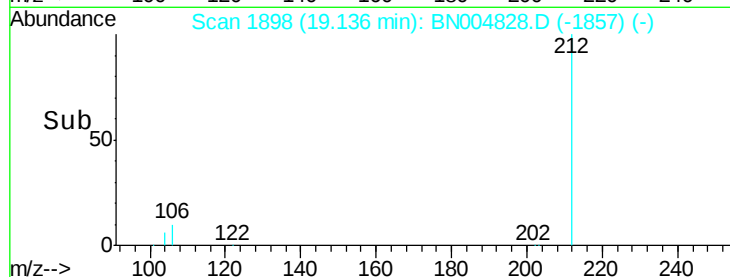
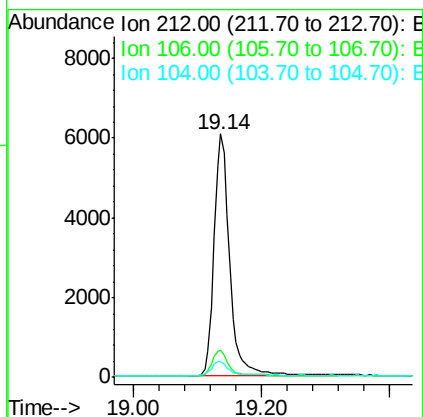
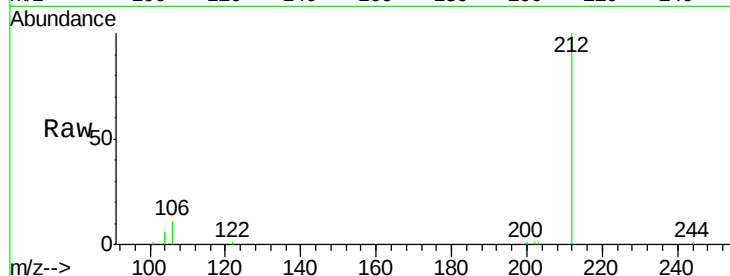




#25
 Fluoranthene-d10
 Concen: 0.354 ng
 RT: 19.14 min Scan# 1898
 Delta R.T. 0.01 min
 Lab File: BN004828.D
 Acq: 20 Mar 2019 20:31

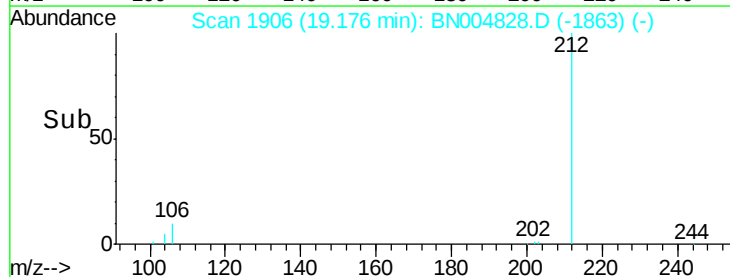
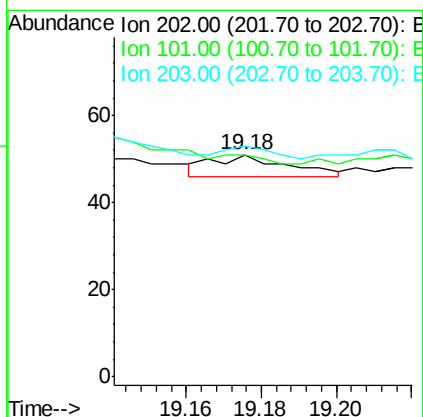
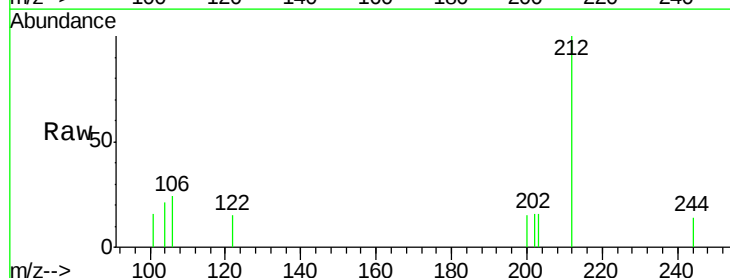
Instrument :
 BNA_N
 ClientSampleId :
 PB118093BL

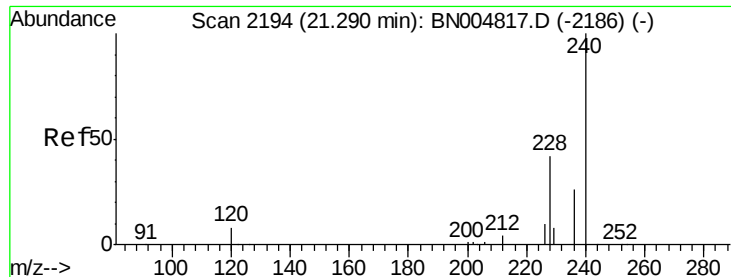
Tot Ion:212 Resp: 10268
 Ion Ratio Lower Upper
 212 100
 106 10.4 8.6 13.0
 104 5.8 4.7 7.1



#26
 Fluoranthene
 Concen: 0.000 ng
 RT: 19.18 min Scan# 1906
 Delta R.T. 0.01 min
 Lab File: BN004828.D
 Acq: 20 Mar 2019 20:31

Tgt Ion:202 Resp: 7
 Ion Ratio Lower Upper
 202 100
 101 0.0 7.5 11.3#
 203 28.6 13.8 20.6#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.30 min Scan# 2195

Delta R.T. 0.01 min

Lab File: BN004828.D

Acq: 20 Mar 2019 20:31

Instrument :

BNA_N

ClientSampleId :

PB118093BL

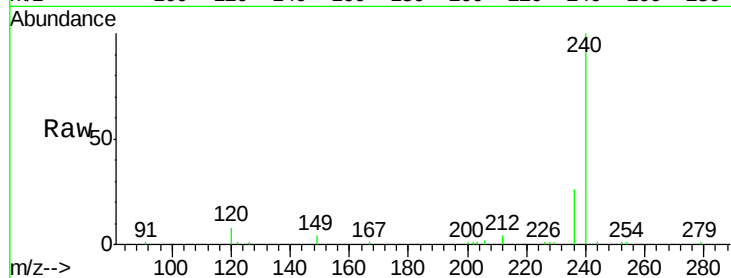
Tot Ion:240 Resp: 12222

Ion Ratio Lower Upper

240 100

120 8.1 7.2 10.8

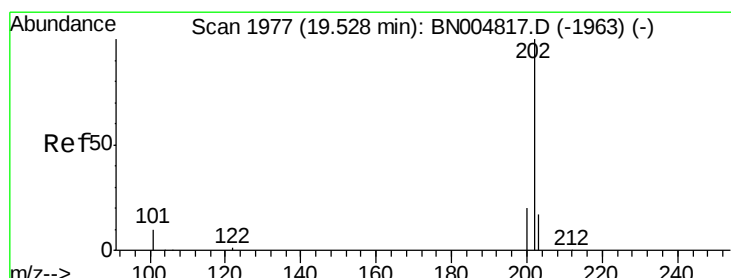
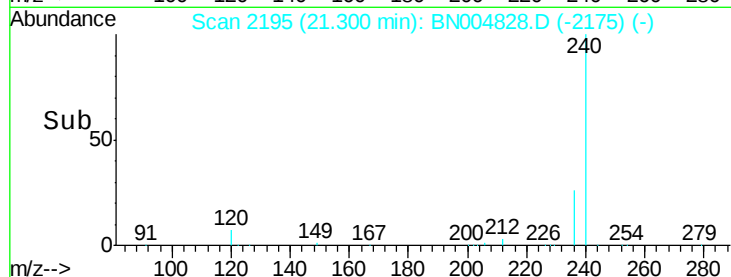
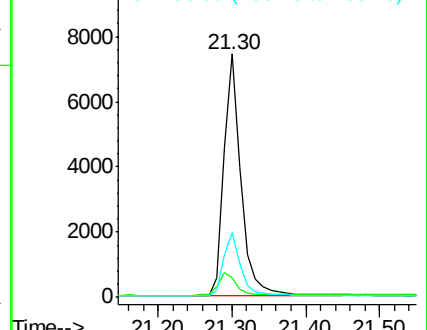
236 26.4 20.9 31.3



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: 0.000 ng

RT: 19.55 min Scan# 1981

Delta R.T. 0.02 min

Lab File: BN004828.D

Acq: 20 Mar 2019 20:31

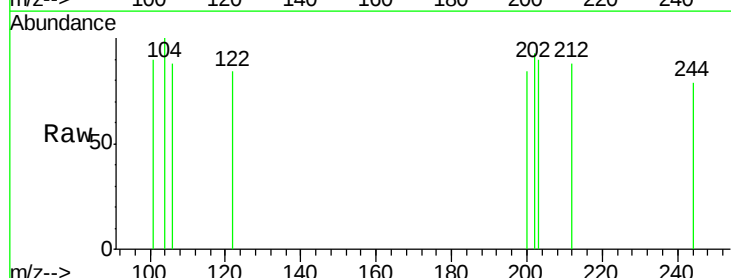
Tgt Ion:202 Resp: 18

Ion Ratio Lower Upper

202 100

200 16.7 16.3 24.5

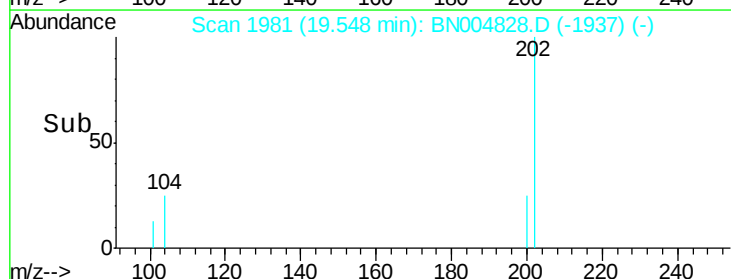
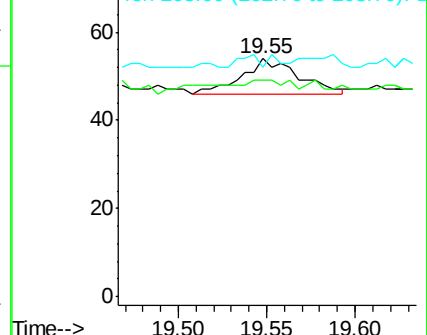
203 11.1 14.0 21.0#

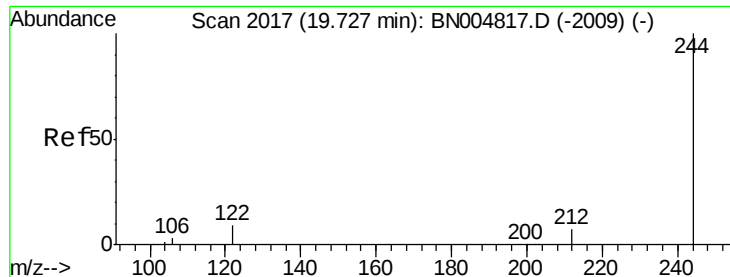


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.347 ng

RT: 19.73 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BN004828.D

Acq: 20 Mar 2019 20:31

Instrument :

BNA_N

ClientSampleId :

PB118093BL

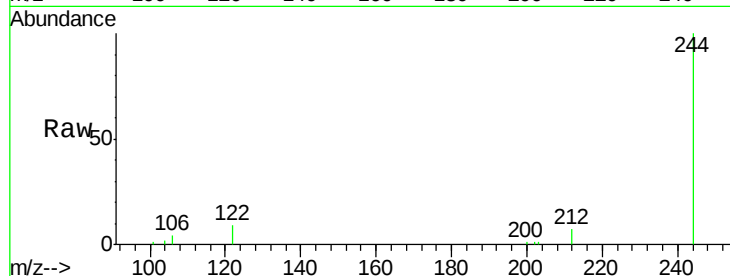
Tot Ion:244 Resp: 8690

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.4 7.9 11.9

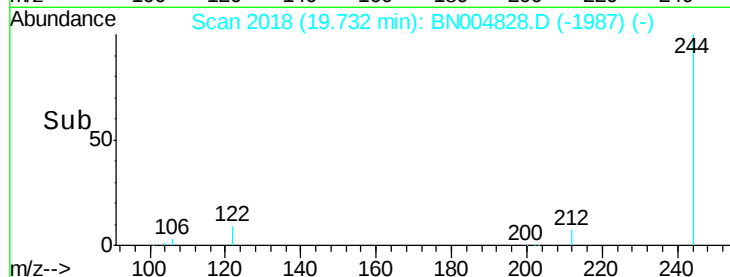


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



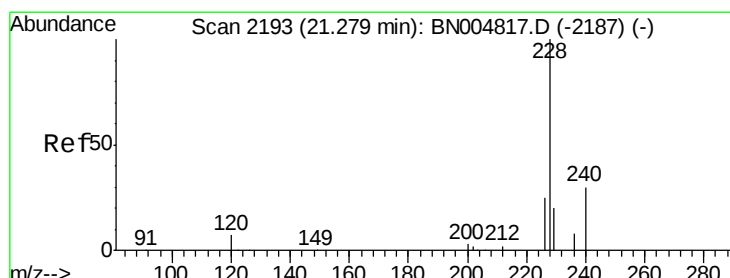
Abundance

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-->



#30

Benzo(a)anthracene

Concen: 0.002 ng

RT: 21.30 min Scan# 2195

Delta R.T. 0.02 min

Lab File: BN004828.D

Acq: 20 Mar 2019 20:31

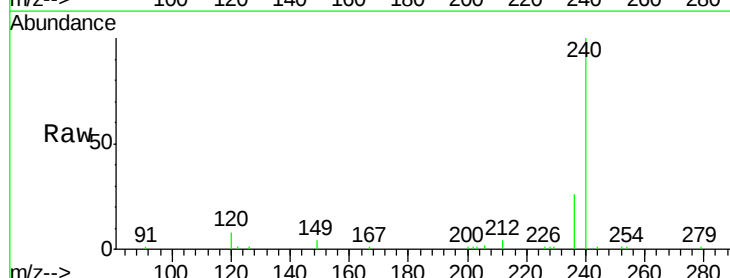
Tgt Ion:228 Resp: 63

Ion Ratio Lower Upper

228 100

226 77.1 20.6 31.0#

229 81.4 16.2 24.4#

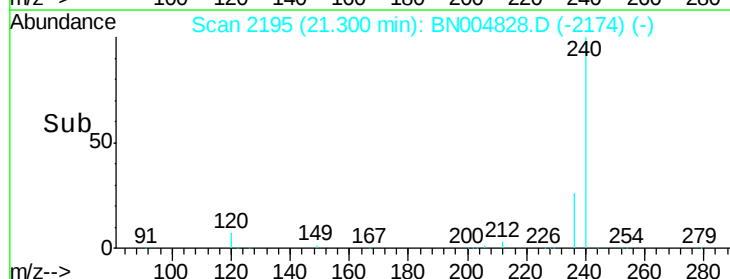


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



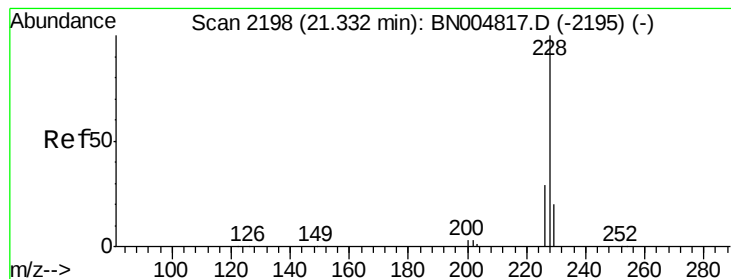
Abundance

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-->



#31

Chrysene

Concen: 0.001 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.03 min

Lab File: BN004828.D

Acq: 20 Mar 2019 20:31

Instrument :

BNA_N

ClientSampleId :

PB118093BL

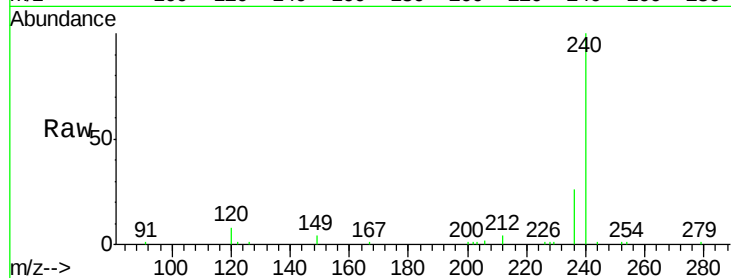
Tot Ion:228 Resp: 50

Ion Ratio Lower Upper

228 100

226 77.1 23.0 34.6#

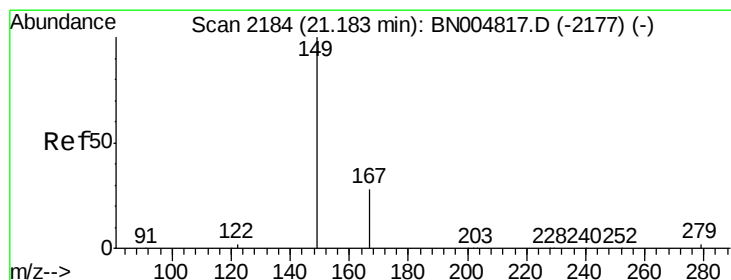
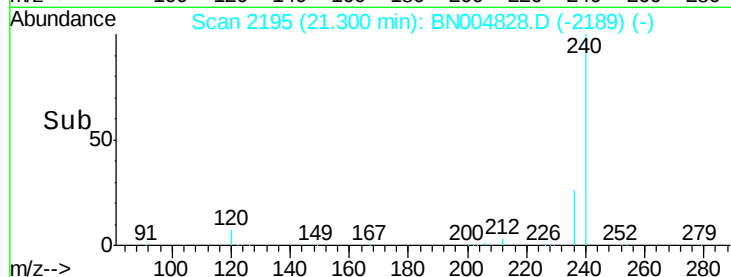
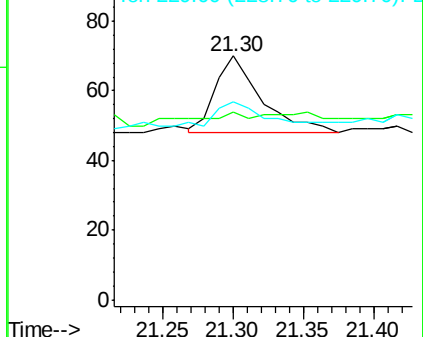
229 81.4 16.2 24.2#



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: 0.025 ng

RT: 21.18 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BN004828.D

Acq: 20 Mar 2019 20:31

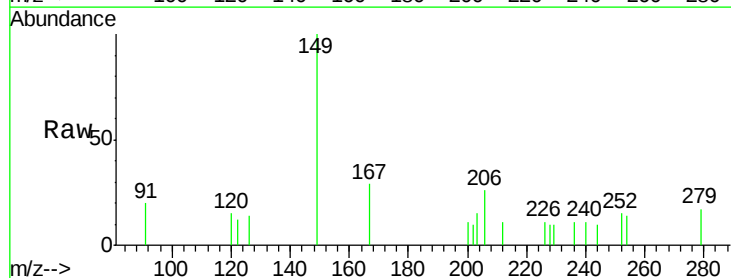
Tgt Ion:149 Resp: 400

Ion Ratio Lower Upper

149 100

167 27.0 23.0 34.4

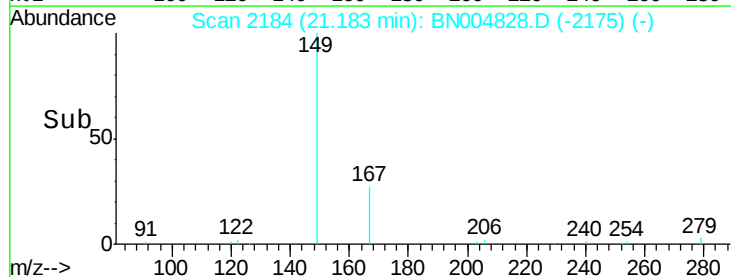
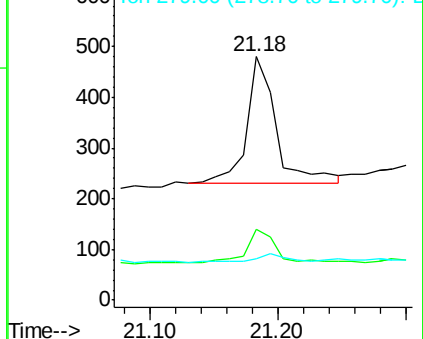
279 7.5 4.6 6.8#

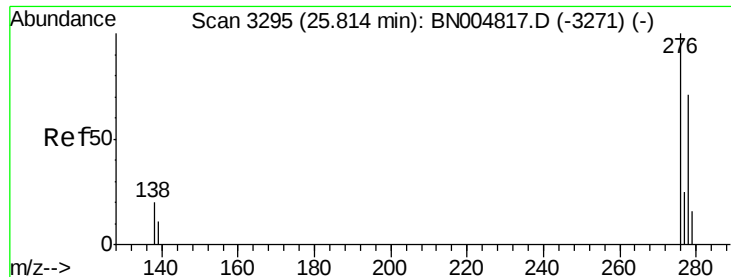


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

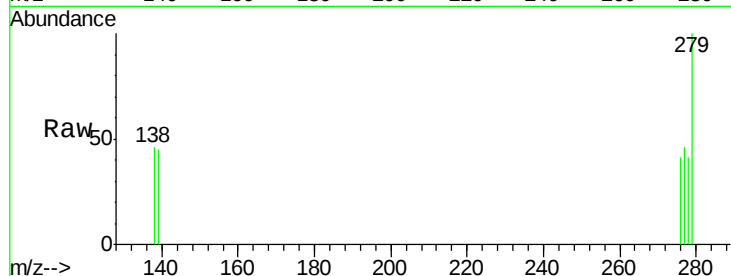




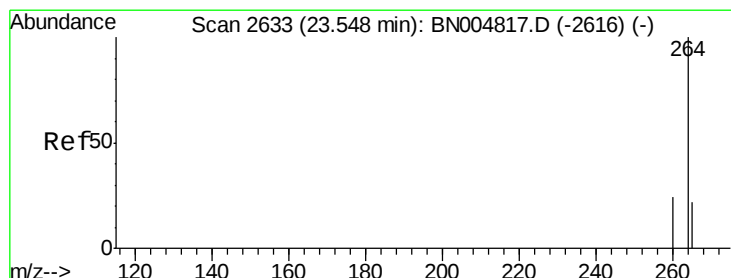
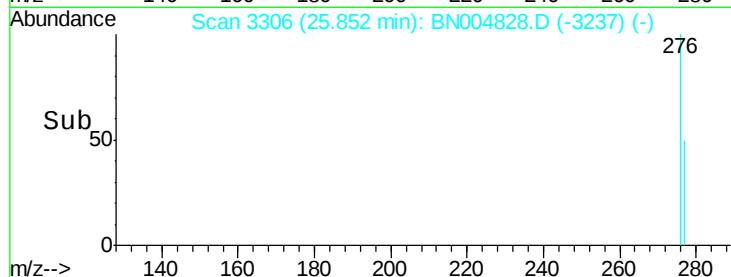
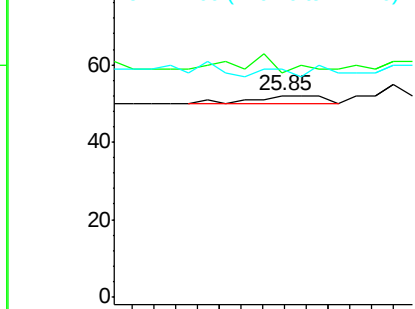
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 25.85 min Scan# 3306
Delta R.T. 0.04 min
Lab File: BN004828.D
Acq: 20 Mar 2019 20:31

Instrument :
BNA_N
ClientSampleId :
PB118093BL

Tot Ion:276 Resp: 2
Ion Ratio Lower Upper
276 100
138 50.0 16.6 24.8#
277 50.0 20.3 30.5#

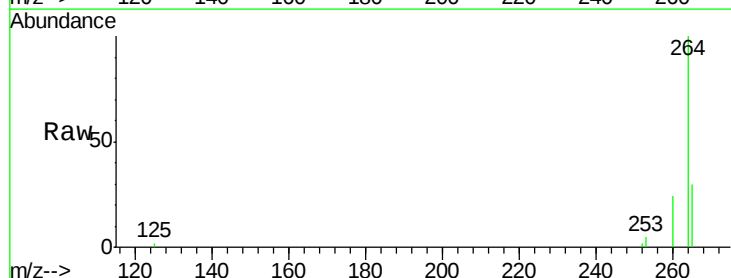


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

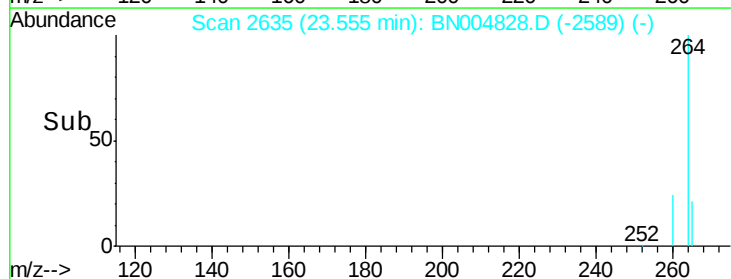
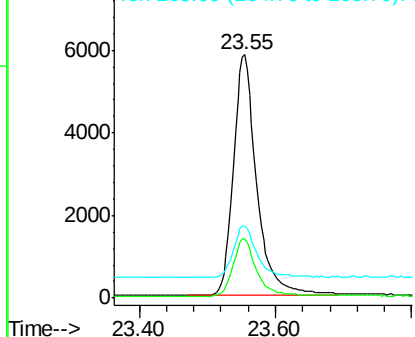


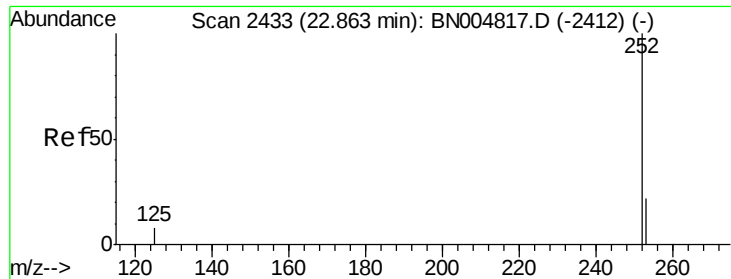
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.55 min Scan# 2635
Delta R.T. 0.01 min
Lab File: BN004828.D
Acq: 20 Mar 2019 20:31

Tgt Ion:264 Resp: 13985
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 29.7 23.1 34.7



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.000 ng

RT: 22.87 min Scan# 2436

Delta R.T. 0.01 min

Lab File: BN004828.D

Acq: 20 Mar 2019 20:31

Instrument :

BNA_N

ClientSampled :

PB118093BL

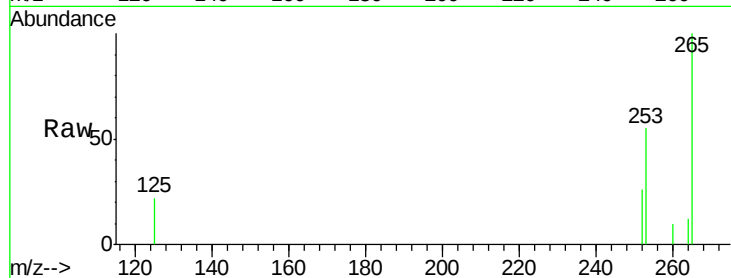
Tot Ion:252 Resp: 14

Ion Ratio Lower Upper

252 100

253 213.3 19.0 28.4#

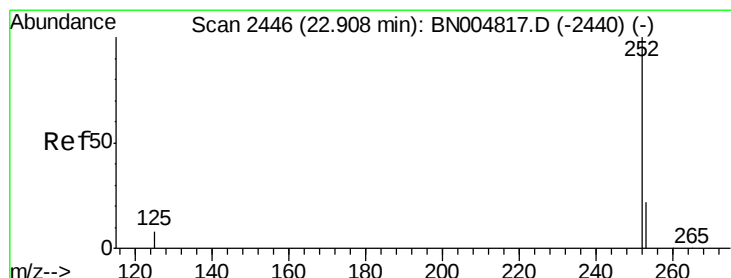
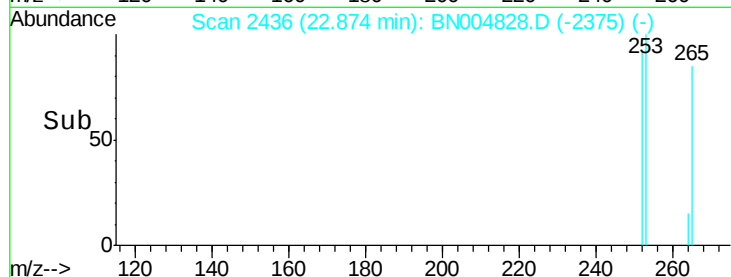
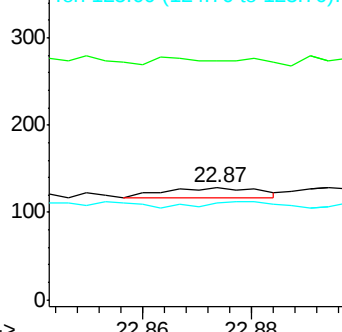
125 86.7 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.000 ng

RT: 22.89 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BN004828.D

Acq: 20 Mar 2019 20:31

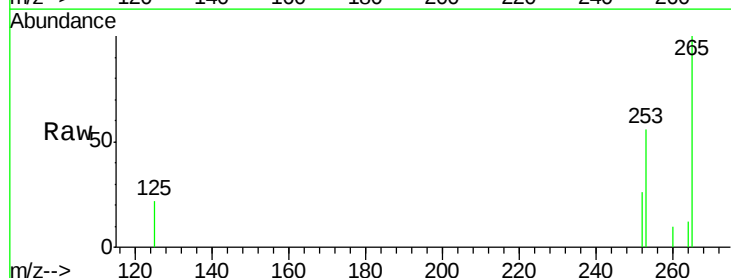
Tgt Ion:252 Resp: 4

Ion Ratio Lower Upper

252 100

253 214.1 19.3 28.9#

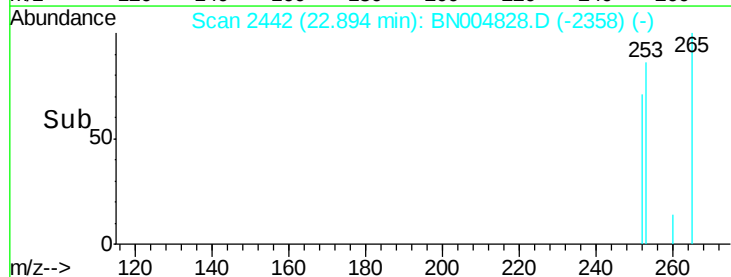
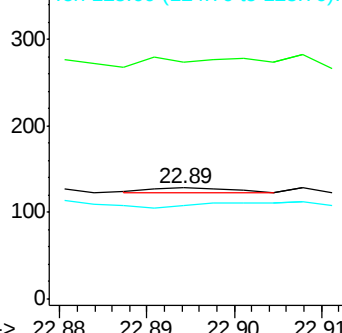
125 83.6 7.4 11.0#

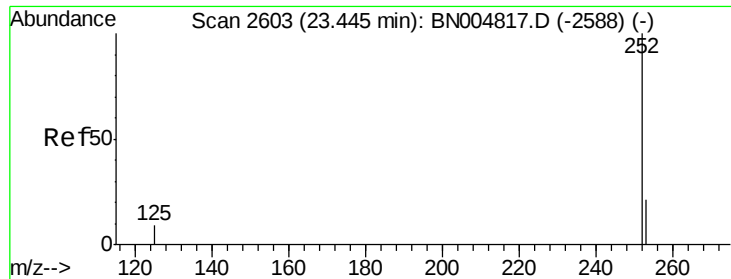


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.000 ng

RT: 23.45 min Scan# 2603

Delta R.T. 0.00 min

Lab File: BN004828.D

Acq: 20 Mar 2019 20:31

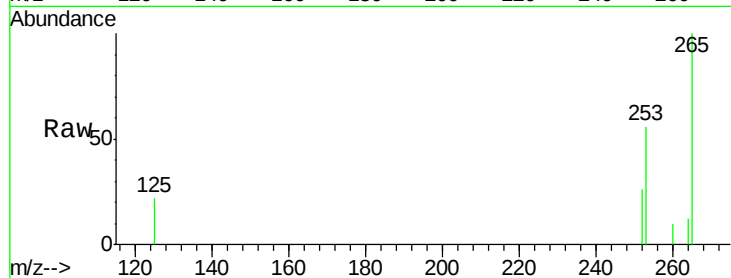
Instrument :

BNA_N

ClientSampleId :

PB118093BL

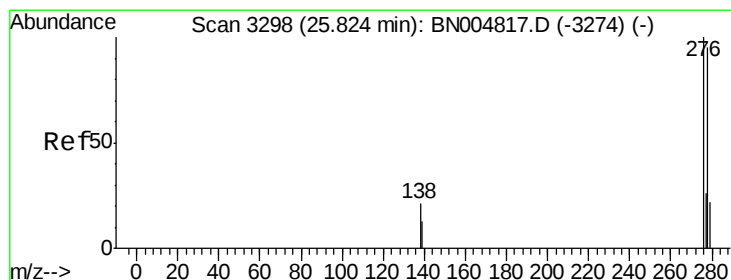
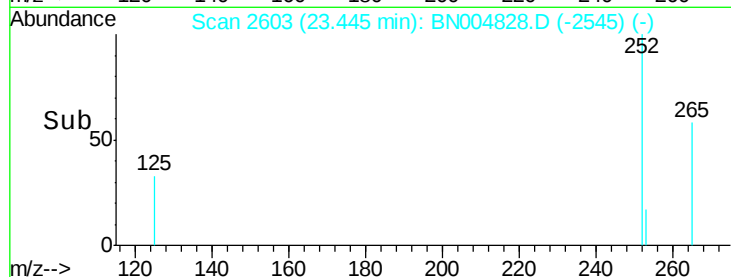
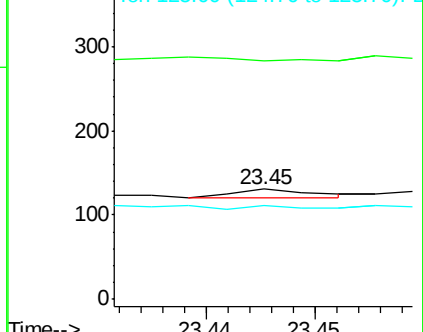
Tot Ion:	252	Resp:	5
Ion	Ratio	Lower	Upper
252	100		
253	216.8	19.7	29.5#
125	85.5	8.3	12.5#



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: 0.000 ng

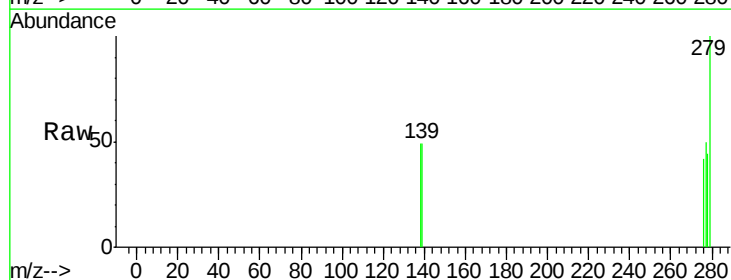
RT: 25.83 min Scan# 3300

Delta R.T. 0.01 min

Lab File: BN004828.D

Acq: 20 Mar 2019 20:31

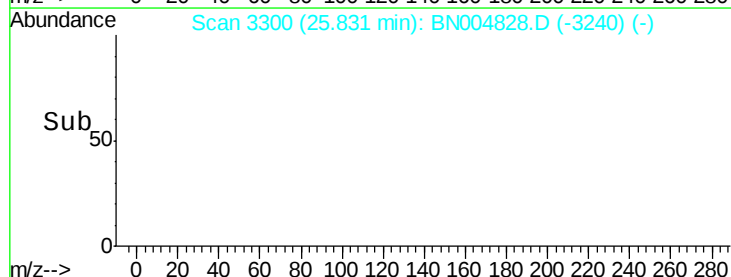
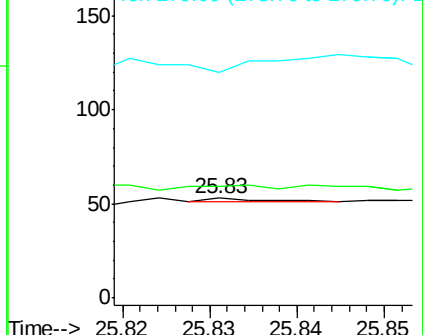
Tgt Ion:	278	Resp:	1
Ion	Ratio	Lower	Upper
278	100		
139	111.3	11.7	17.5#
279	226.4	19.9	29.9#

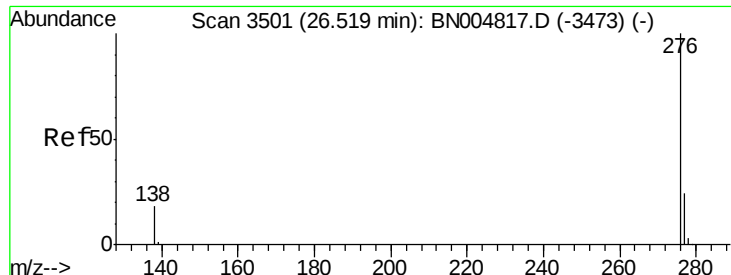


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.000 ng

RT: 26.54 min Scan# 3508

Delta R.T. 0.02 min

Lab File: BN004828.D

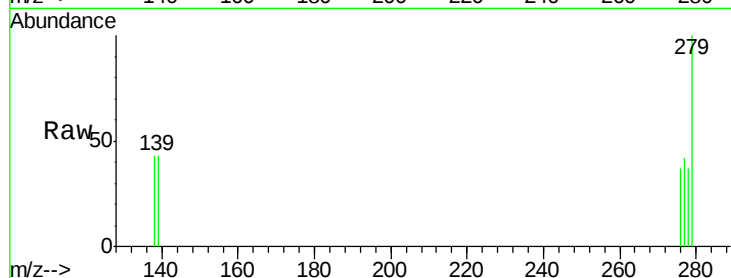
Acq: 20 Mar 2019 20:31

Instrument :

BNA_N

ClientSampleId :

PB118093BL



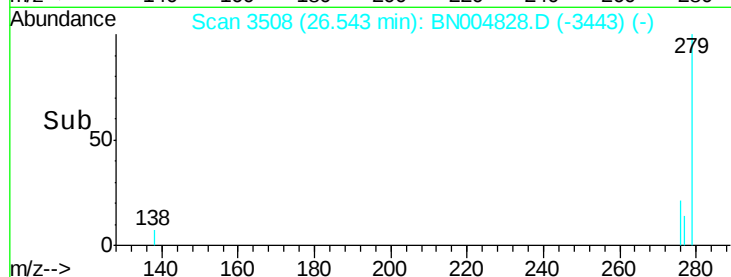
Tot Ion: 276 Resp: 1

Ion Ratio Lower Upper

276 100

277 113.2 19.7 29.5#

138 115.1 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

