

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062819\
 Data File : BN006606.D
 Acq On : 28 Jun 2019 10:15
 Operator : HP/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 28 13:17:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 13:12:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3900	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	16803	0.40	ng	0.00
13) Acenaphthene-d10	14.28	164	10655	0.40	ng	0.00
19) Phenanthrene-d10	17.04	188	25019	0.40	ng	0.00
27) Chrysene-d12	21.27	240	25815	0.40	ng	0.00
34) Perylene-d12	23.52	264	29103	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	3668	0.38	ng	0.00
5) Phenol-d6	6.83	99	4786	0.42	ng	0.00
8) Nitrobenzene-d5	8.79	82	4228	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.00	152	10863	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	1811	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.89	172	15820	0.39	ng	0.00
25) Fluoranthene-d10	19.08	212	29645	0.41	ng	0.00
29) Terphenyl-d14	19.68	244	21657	0.41	ng	0.00

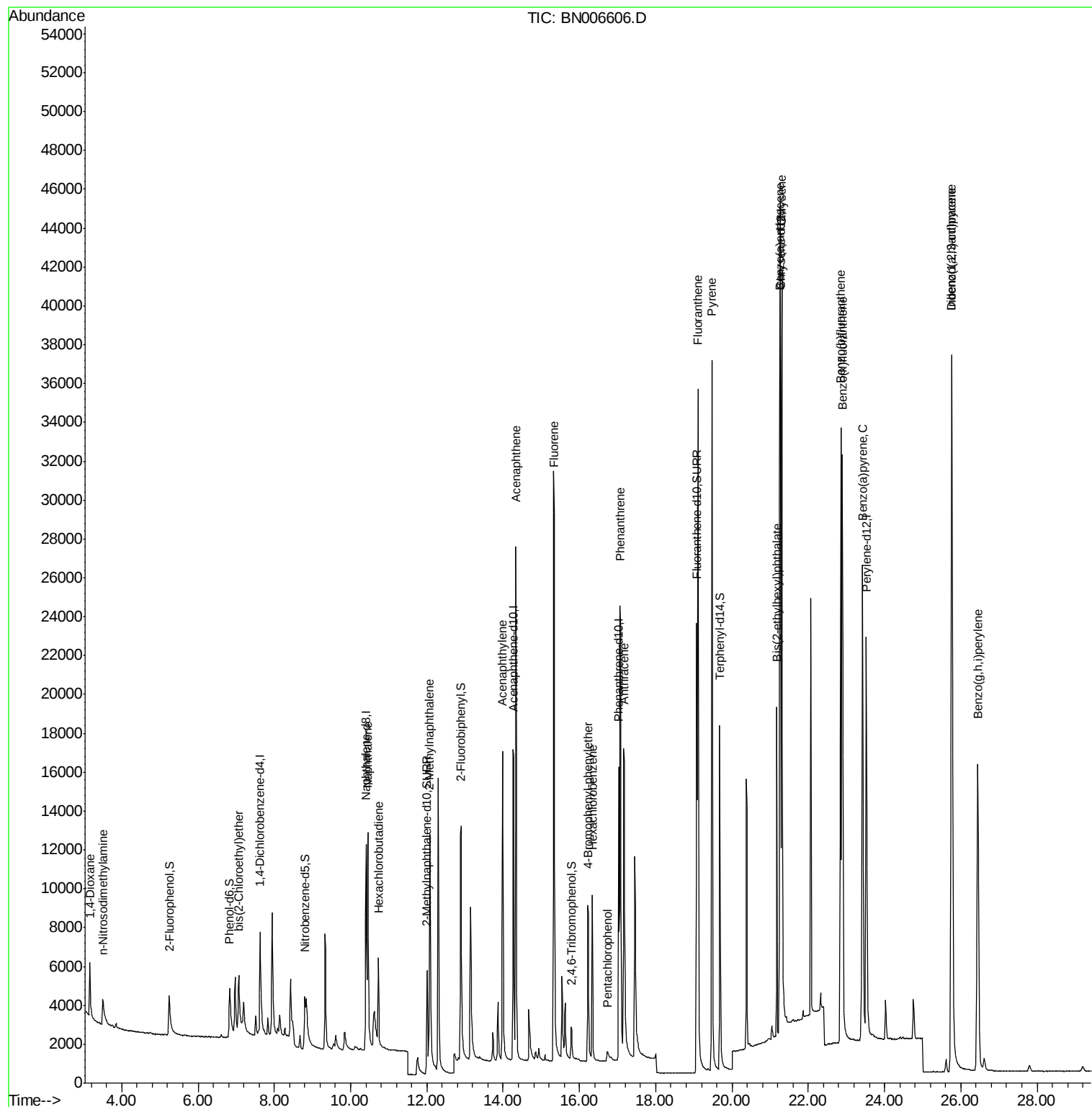
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	2021	0.482	ng	94
3) n-Nitrosodimethylamine	3.50	42	1503	0.587	ng	98
6) bis(2-Chloroethyl)ether	7.06	93	4715	0.433	ng	100
9) Naphthalene	10.45	128	18048	0.427	ng	100
10) Hexachlorobutadiene	10.73	225	3746	0.478	ng	# 100
12) 2-Methylnaphthalene	12.08	142	12613	0.414	ng	100
16) Acenaphthylene	13.99	152	19997	0.398	ng	100
17) Acenaphthene	14.33	154	13754	0.431	ng	100
18) Fluorene	15.34	166	17195	0.401	ng	100
20) 4-Bromophenyl-phenylether	16.23	248	5498	0.384	ng	100
21) Hexachlorobenzene	16.35	284	7234	0.457	ng	100
22) Pentachlorophenol	16.74	266	888	0.254	ng	100
23) Phenanthrene	17.07	178	28714	0.410	ng	100
24) Anthracene	17.16	178	23943	0.384	ng	100
26) Fluoranthene	19.11	202	35595	0.415	ng	100
28) Pyrene	19.48	202	36907	0.503	ng	100
30) Benzo(a)anthracene	21.26	228	33176	0.456	ng	100
31) Chrysene	21.31	228	38303	0.488	ng	100
32) Bis(2-ethylhexyl)phthalate	21.17	149	15188	0.498	ng	100
33) Indeno(1,2,3-cd)pyrene	25.76	276	42745	0.484	ng	100
35) Benzo(b)fluoranthene	22.85	252	39688	0.425	ng	100
36) Benzo(k)fluoranthene	22.90	252	42329	0.469	ng	100
37) Benzo(a)pyrene	23.43	252	38527	0.464	ng	100
38) Dibenzo(a,h)anthracene	25.77	278	34393	0.414	ng	100
39) Benzo(g,h,i)perylene	26.45	276	34388	0.411	ng	100

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

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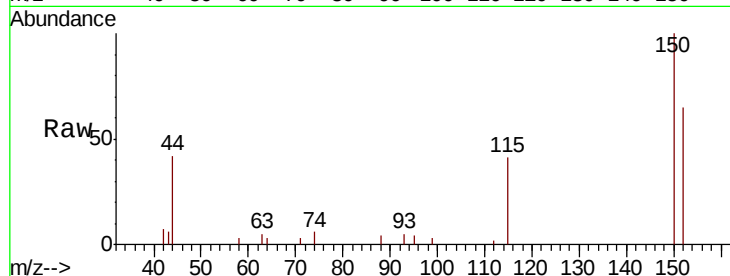


#1

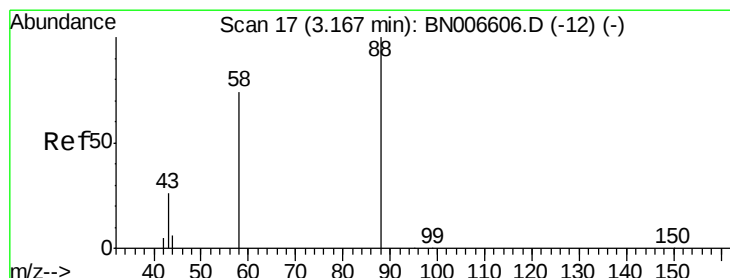
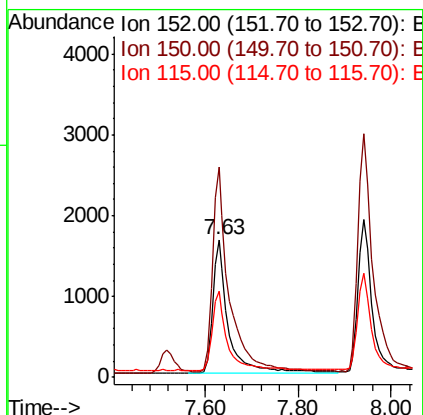
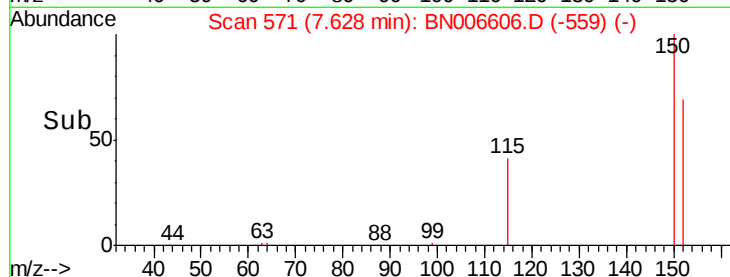
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. 0.00 min
Lab File: BN006606.D
Acq: 28 Jun 2019 10:15

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3900
Ion Ratio Lower Upper
152 100
150 152.7 122.2 183.2
115 62.5 50.0 75.0



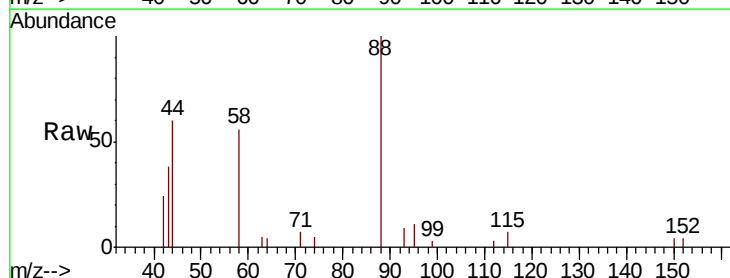
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



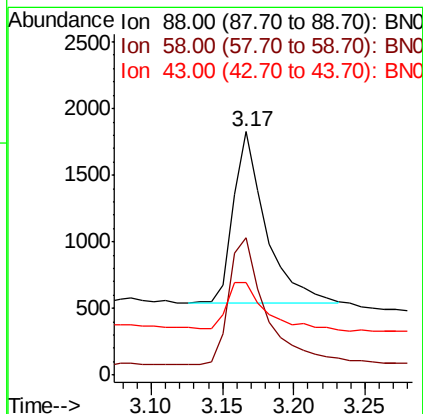
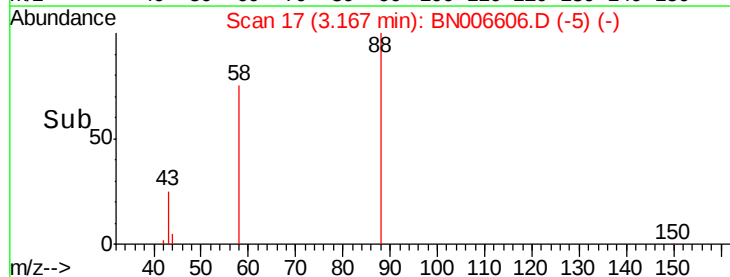
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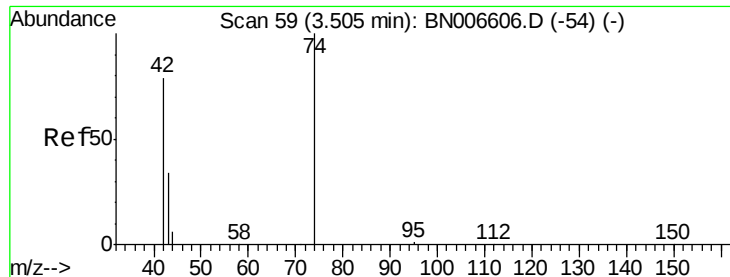
1,4-Dioxane
Concen: 0.482 ng
RT: 3.17 min Scan# 17
Delta R.T. 0.00 min
Lab File: BN006606.D
Acq: 28 Jun 2019 10:15

Tgt Ion: 88 Resp: 2021
Ion Ratio Lower Upper
88 100
58 85.0 62.5 93.7
43 32.2 25.4 38.0



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



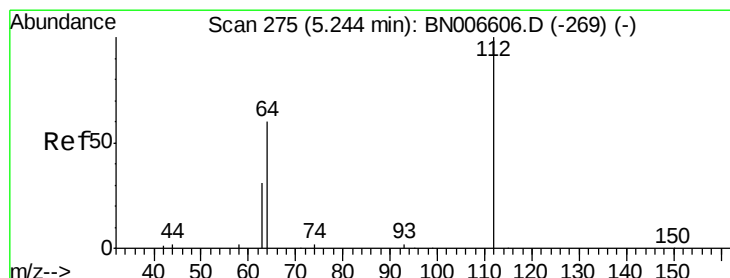
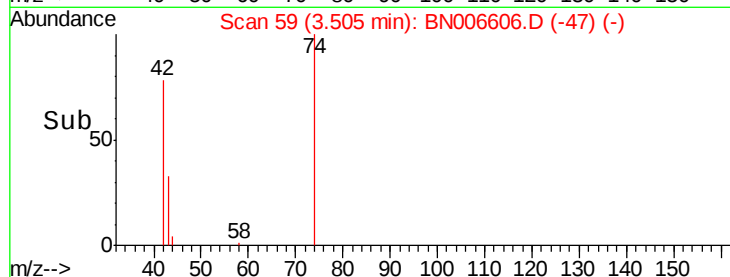
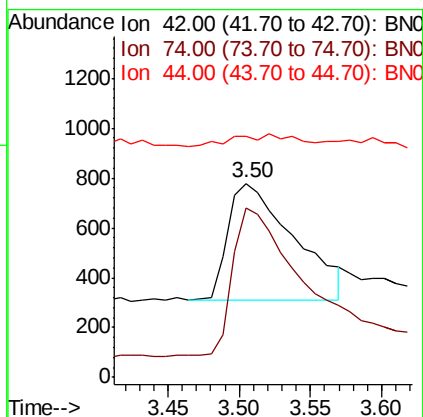
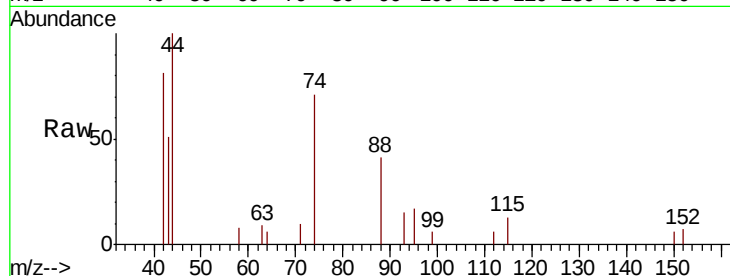


#3

n-Nitrosodimethylamine
 Concen: 0.587 ng
 RT: 3.50 min Scan# 59
 Delta R.T. 0.00 min
 Lab File: BN006606.D
 Acq: 28 Jun 2019 10:15

Instrument :
 BNA_N
 ClientSampleId :

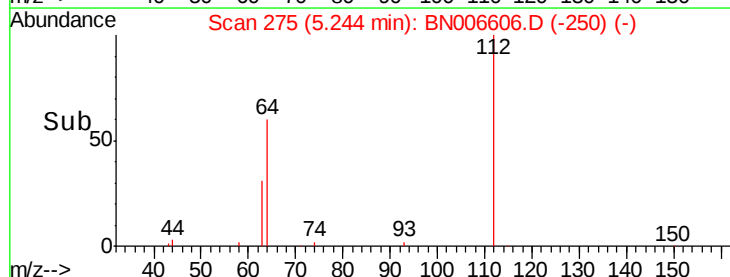
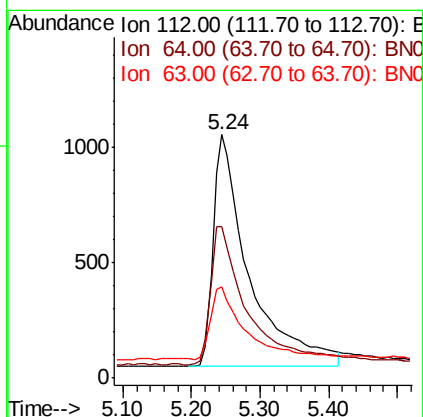
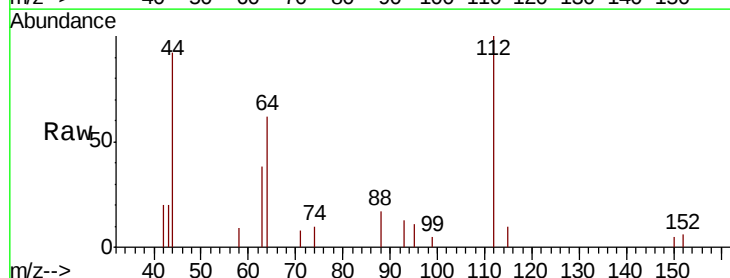
Tot Ion: 42 Resp: 1503
 Ion Ratio Lower Upper
 42 100
 74 126.5 103.1 154.7
 44 4.6 3.4 5.2

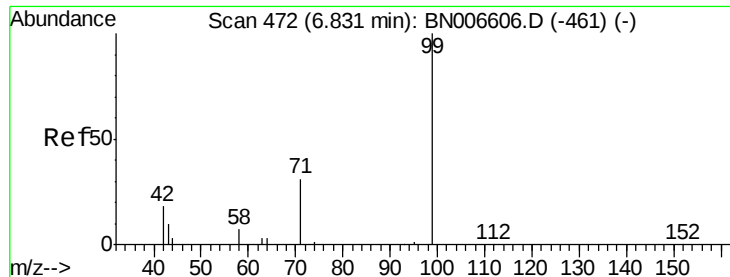


#4

2-Fluorophenol
 Concen: 0.377 ng
 RT: 5.24 min Scan# 275
 Delta R.T. 0.00 min
 Lab File: BN006606.D
 Acq: 28 Jun 2019 10:15

Tgt Ion: 112 Resp: 3668
 Ion Ratio Lower Upper
 112 100
 64 61.2 48.9 73.3
 63 30.6 24.3 36.5





#5

Phenol-d6

Concen: 0.415 ng

RT: 6.83 min Scan# 472

Delta R.T. 0.00 min

Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

Instrument :

BNA_N

ClientSampled :

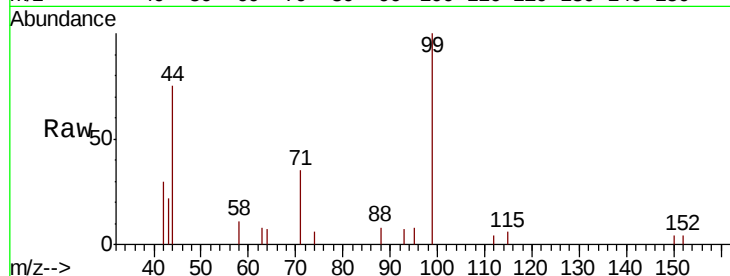
Tot Ion: 99 Resp: 4786

Ion Ratio Lower Upper

99 100

42 20.1 16.4 24.6

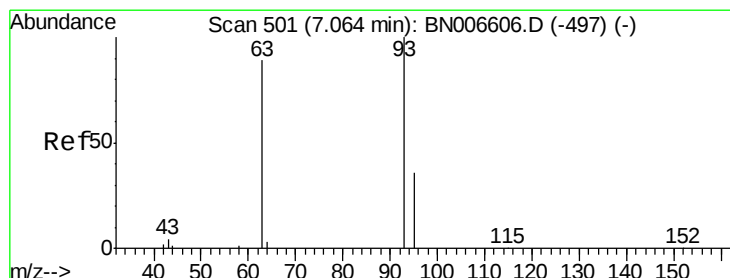
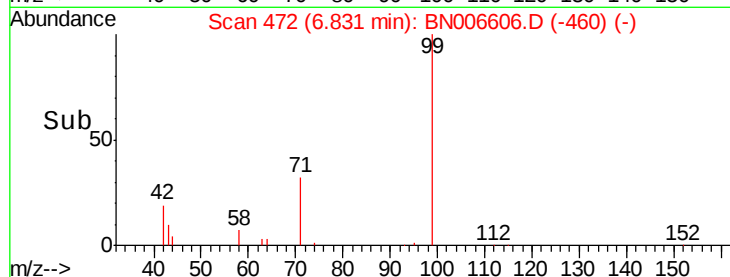
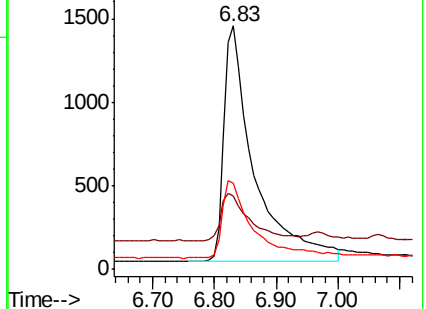
71 33.7 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN006606.D (-461) (-)

Ion 42.00 (41.70 to 42.70): BN006606.D (-461) (-)

Ion 71.00 (70.70 to 71.70): BN006606.D (-461) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.433 ng

RT: 7.06 min Scan# 501

Delta R.T. 0.00 min

Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

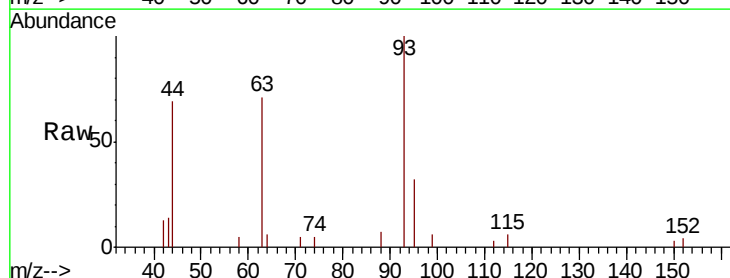
Tgt Ion: 93 Resp: 4715

Ion Ratio Lower Upper

93 100

63 65.6 52.5 78.7

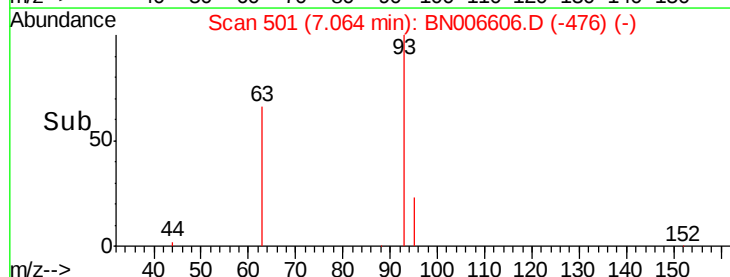
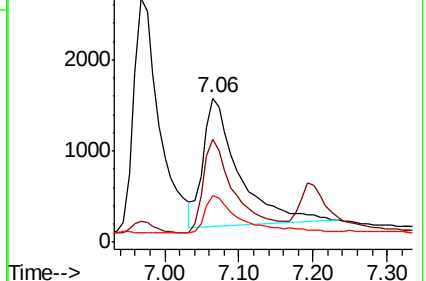
95 30.3 24.2 36.4

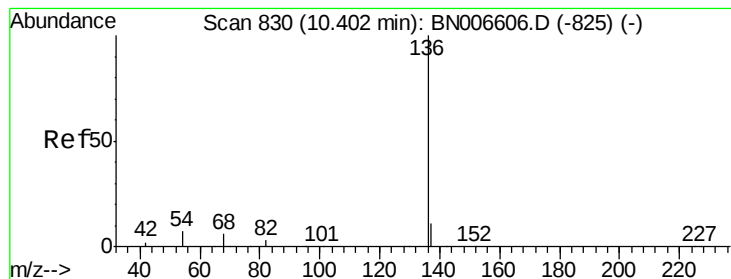


Abundance Ion 93.00 (92.70 to 93.70): BN006606.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN006606.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN006606.D (-497) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. 0.00 min

Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 16803

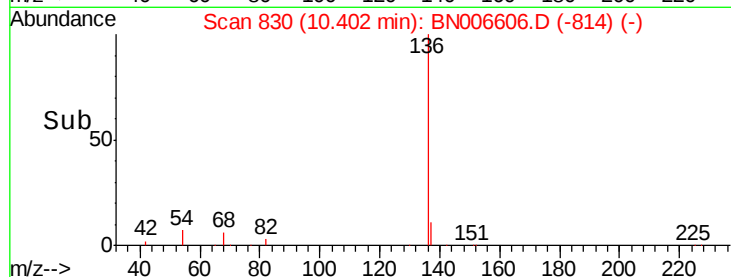
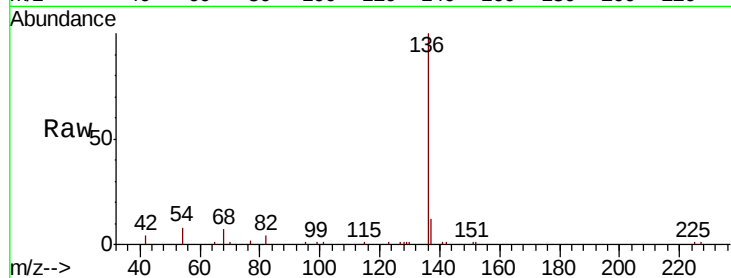
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 8.4 6.7 10.1

68 6.6 5.3 7.9

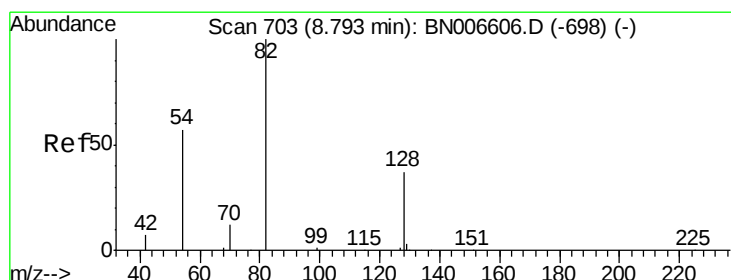
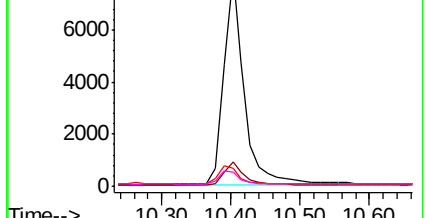


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.434 ng

RT: 8.79 min Scan# 703

Delta R.T. 0.00 min

Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

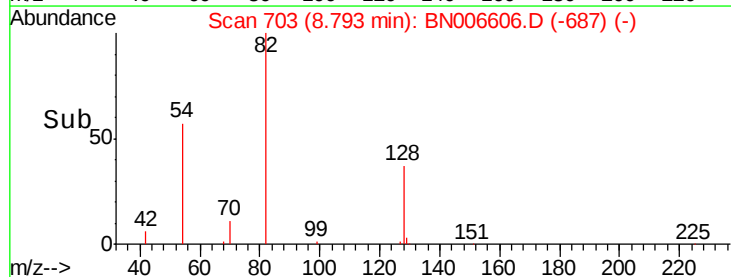
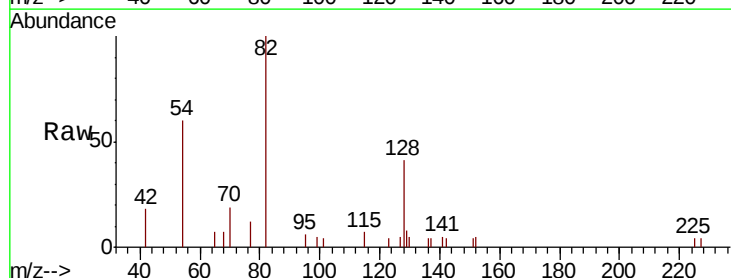
Tgt Ion: 82 Resp: 4228

Ion Ratio Lower Upper

82 100

128 40.8 32.6 49.0

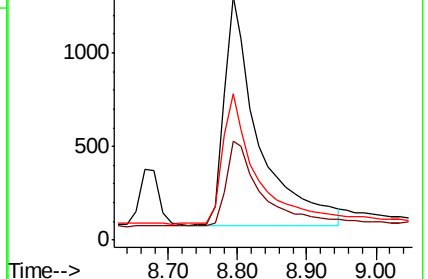
54 60.3 48.2 72.4

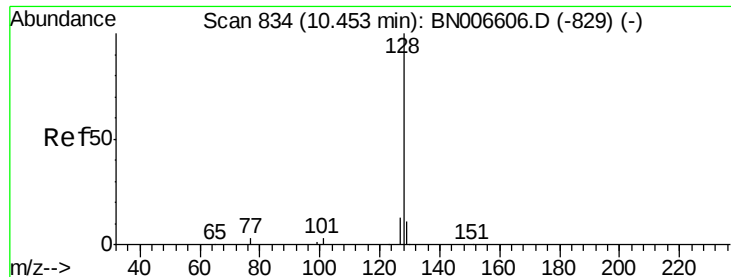


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

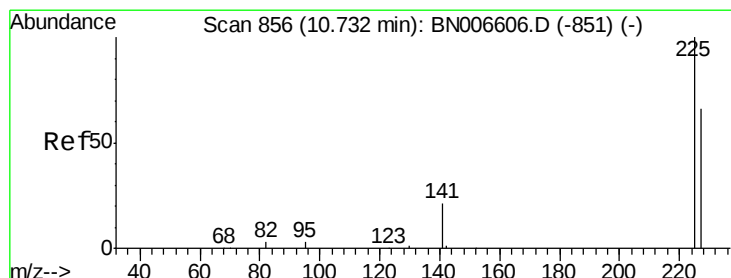
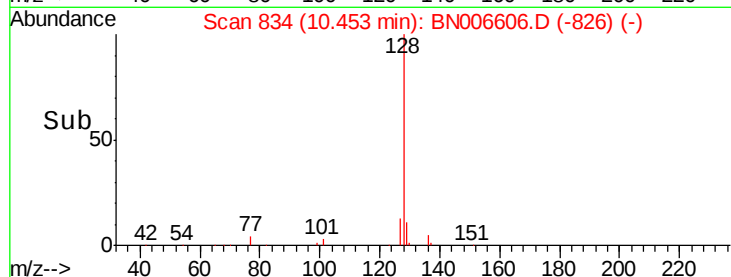
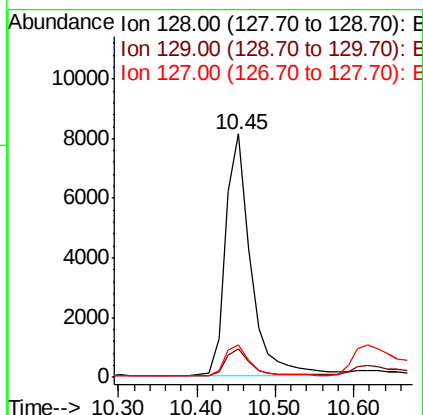
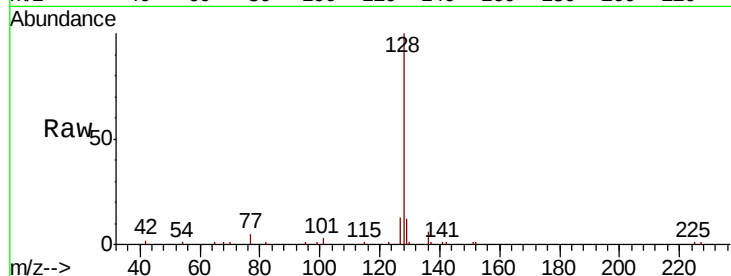




#9
Naphthalene
Concen: 0.427 ng
RT: 10.45 min Scan# 834
Delta R.T. 0.00 min
Lab File: BN006606.D
Acq: 28 Jun 2019 10:15

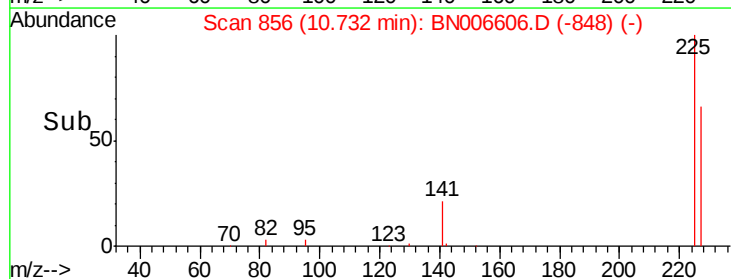
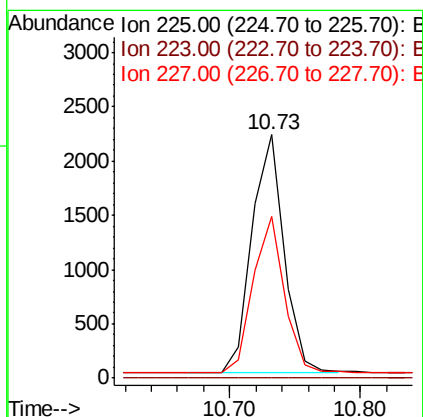
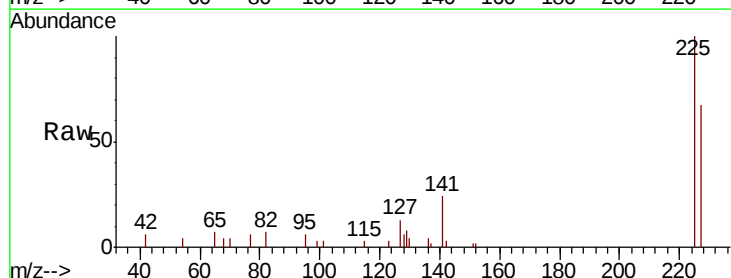
Instrument :
BNA_N
ClientSampleId :

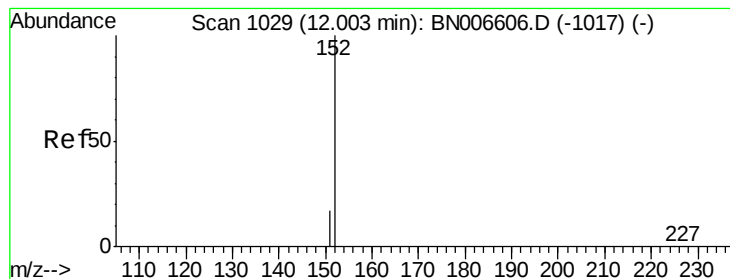
Tot Ion:128 Resp: 18048
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.5 10.8 16.2



#10
Hexachlorobutadiene
Concen: 0.478 ng
RT: 10.73 min Scan# 856
Delta R.T. 0.00 min
Lab File: BN006606.D
Acq: 28 Jun 2019 10:15

Tgt Ion:225 Resp: 3746
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.1 51.4 77.2

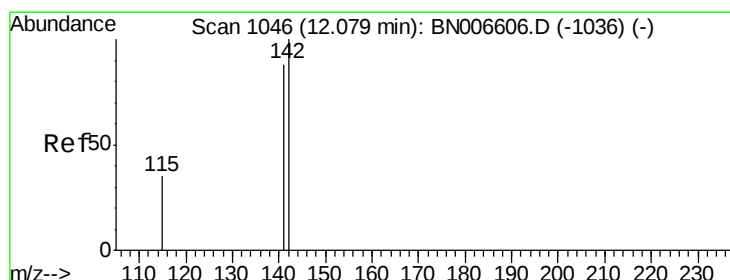
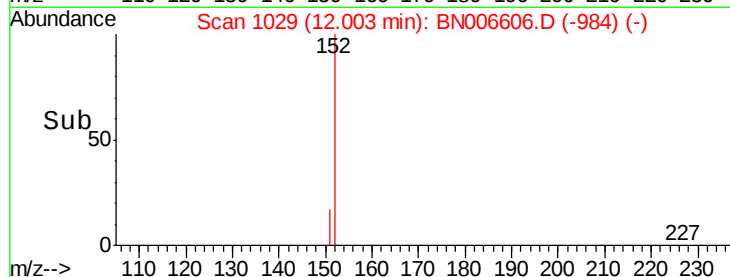
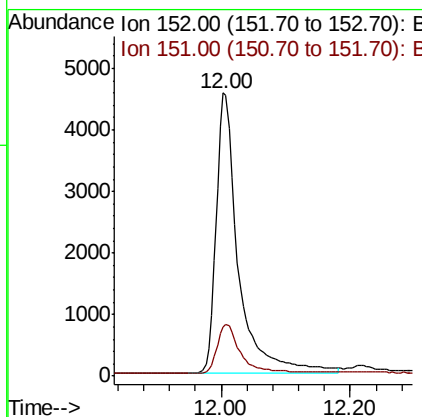
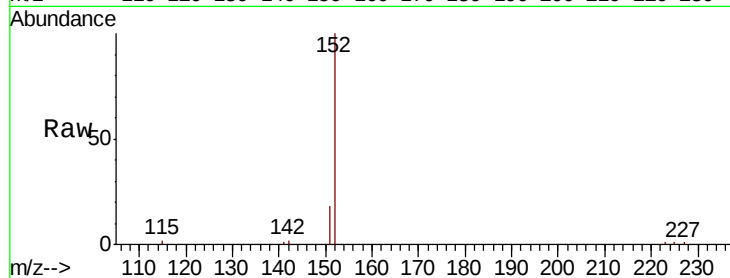




#11
 2-Methylnaphthalene-d10
 Concen: 0.417 ng
 RT: 12.00 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BN006606.D
 Acq: 28 Jun 2019 10:15

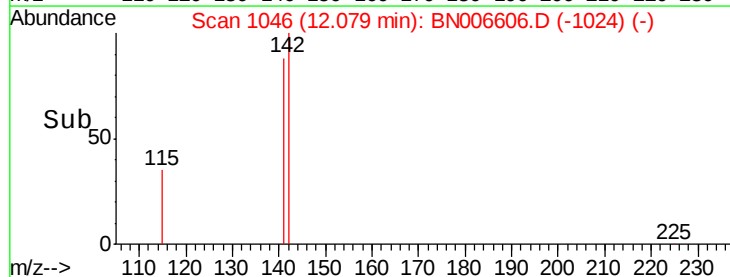
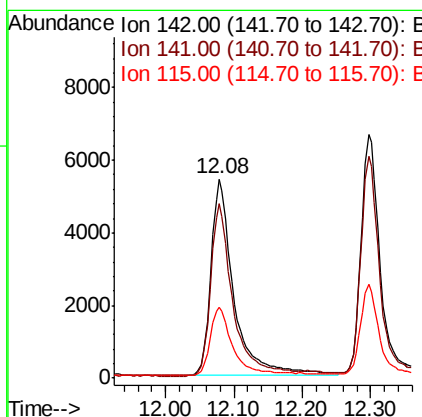
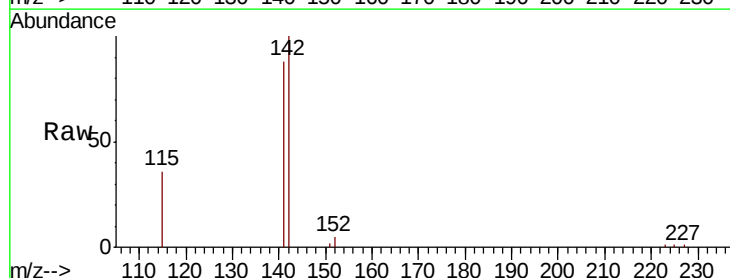
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:152 Resp: 10863
 Ion Ratio Lower Upper
 152 100
 151 18.7 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.414 ng
 RT: 12.08 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BN006606.D
 Acq: 28 Jun 2019 10:15

Tgt Ion:142 Resp: 12613
 Ion Ratio Lower Upper
 142 100
 141 87.8 70.2 105.4
 115 35.6 28.5 42.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.28 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

Instrument :

BNA_N

ClientSampleId :

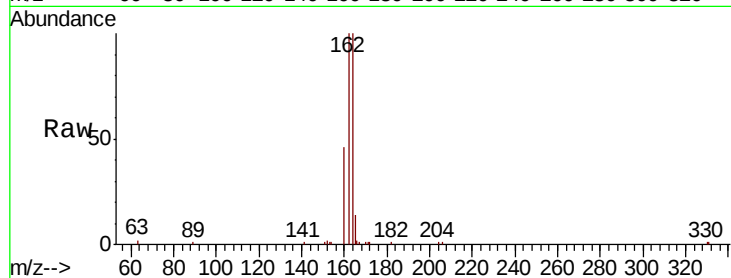
Tot Ion:164 Resp: 10655

Ion Ratio Lower Upper

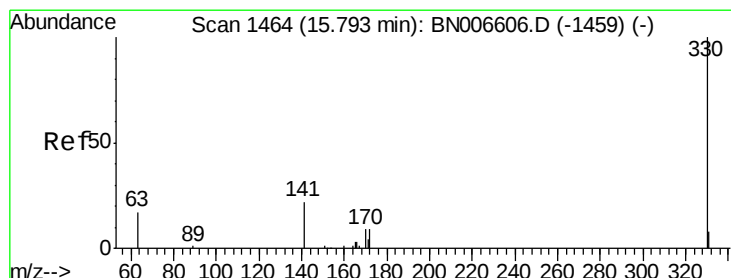
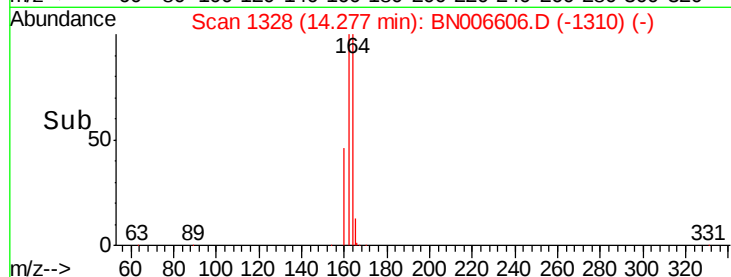
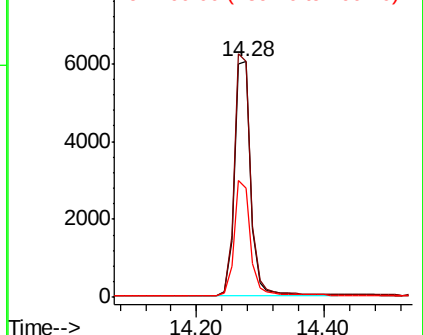
164 100

162 100.0 80.0 120.0

160 46.2 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.303 ng

RT: 15.79 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

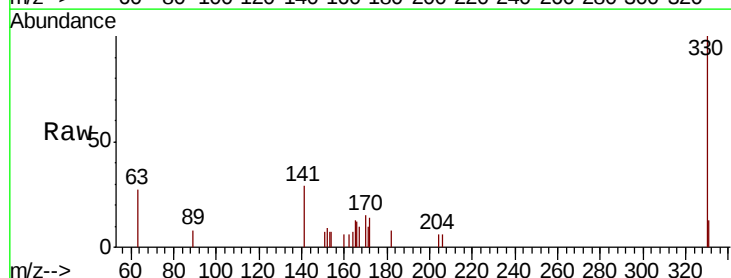
Tgt Ion:330 Resp: 1811

Ion Ratio Lower Upper

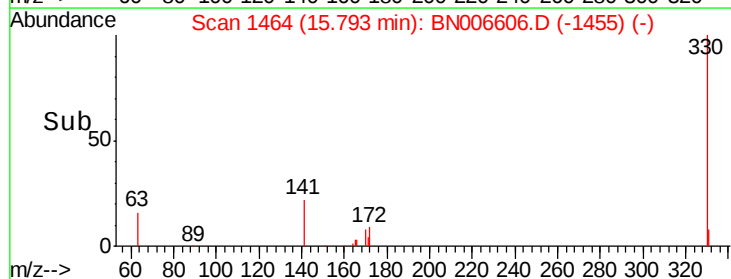
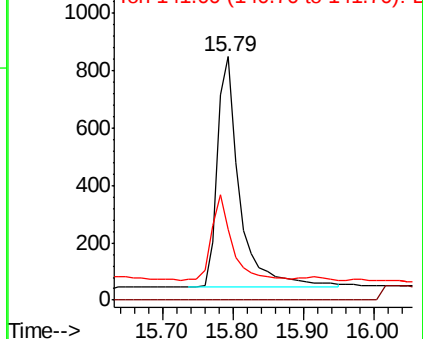
330 100

332 0.0 0.0 0.0

141 33.1 26.5 39.7



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

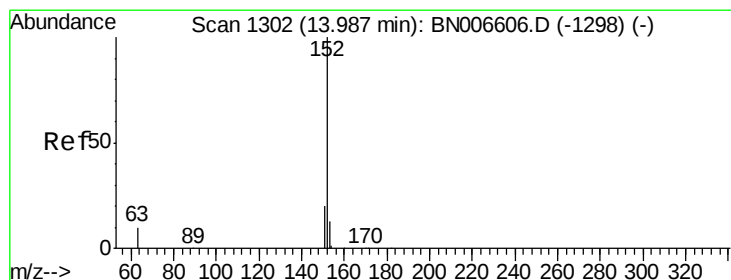
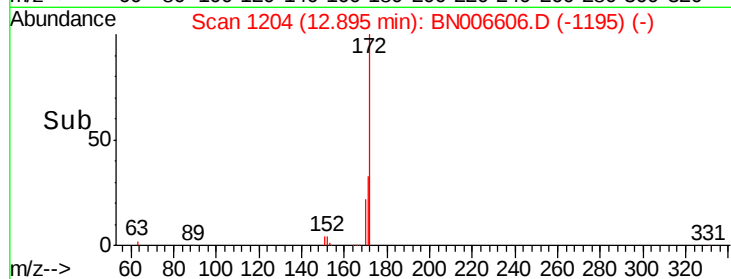
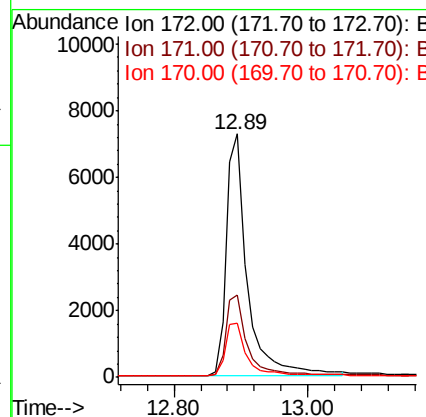
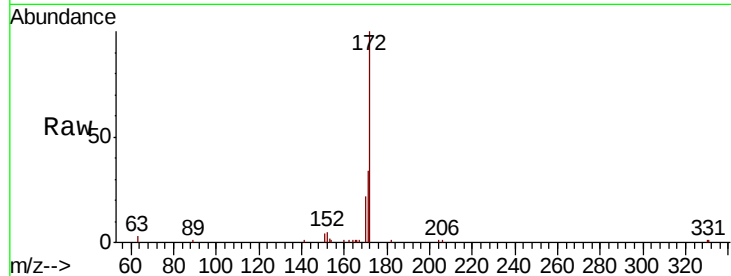




#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 12.89 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BN006606.D
Acq: 28 Jun 2019 10:15

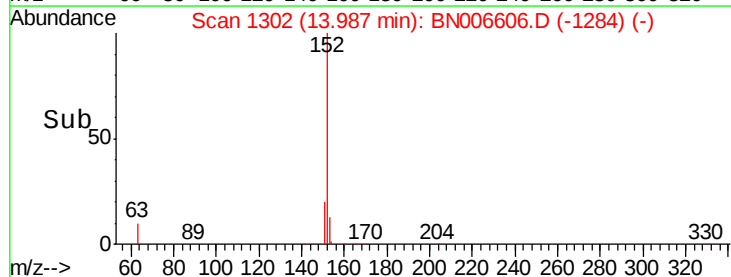
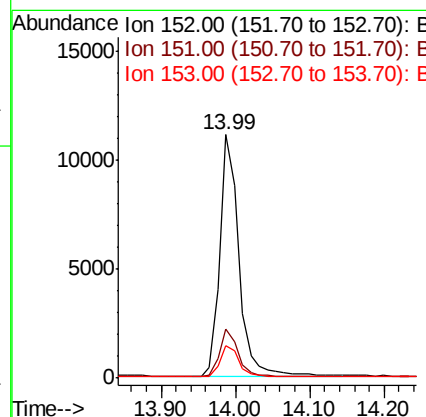
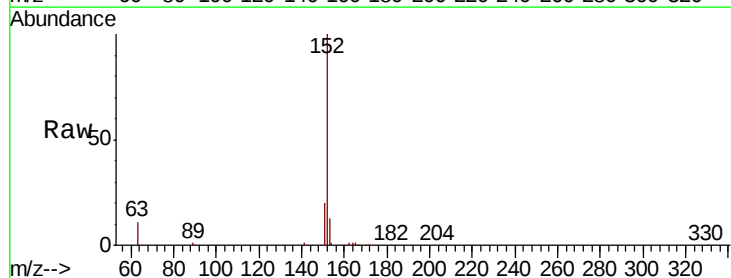
Instrument :
BNA_N
ClientSampleId :

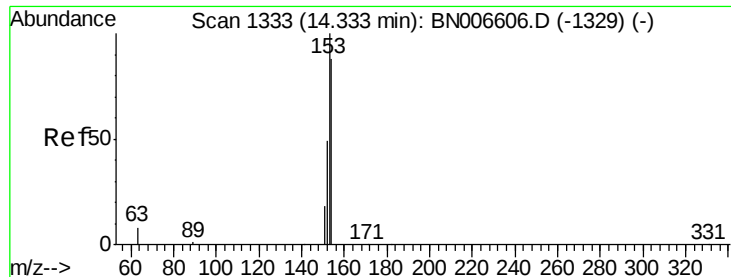
Tot Ion:172 Resp: 15820
Ion Ratio Lower Upper
172 100
171 33.7 27.0 40.4
170 22.1 17.7 26.5



#16
Acenaphthylene
Concen: 0.398 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006606.D
Acq: 28 Jun 2019 10:15

Tgt Ion:152 Resp: 19997
Ion Ratio Lower Upper
152 100
151 19.4 15.6 23.4
153 13.1 10.5 15.7

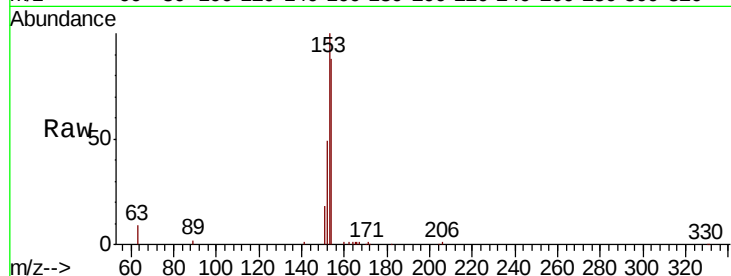




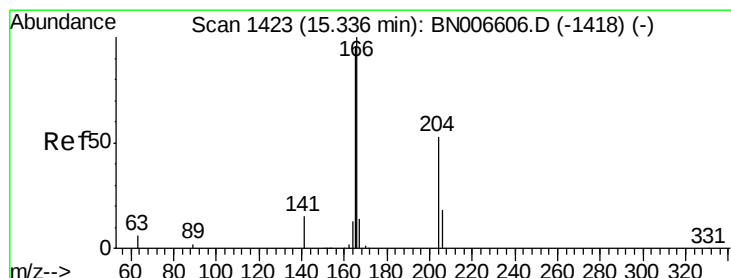
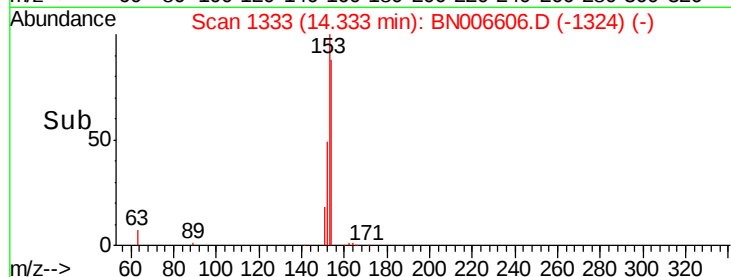
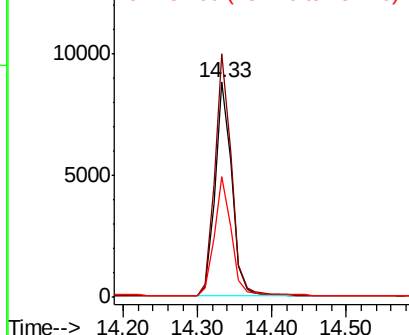
#17
Acenaphthene
Concen: 0.431 ng
RT: 14.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BN006606.D
Acq: 28 Jun 2019 10:15

Instrument :
BNA_N
ClientSampled :

Tot Ion:154 Resp: 13754
Ion Ratio Lower Upper
154 100
153 112.7 90.2 135.4
152 55.2 44.2 66.4

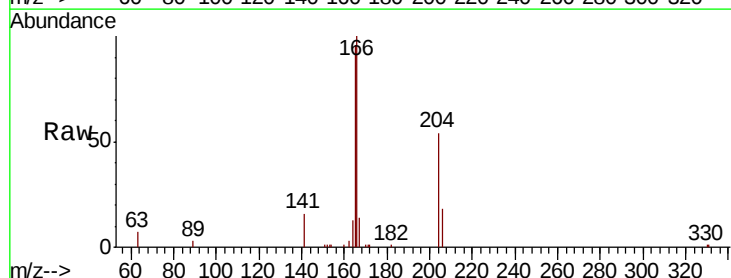


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

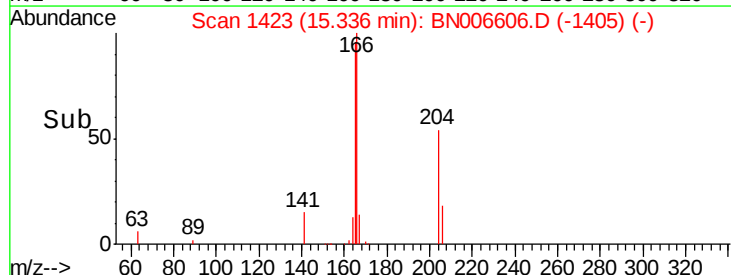
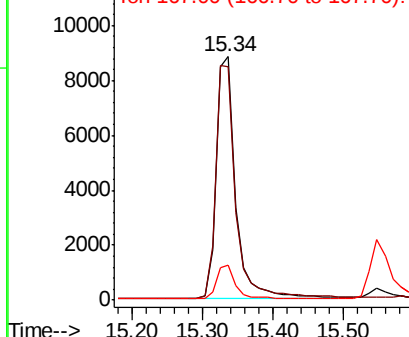


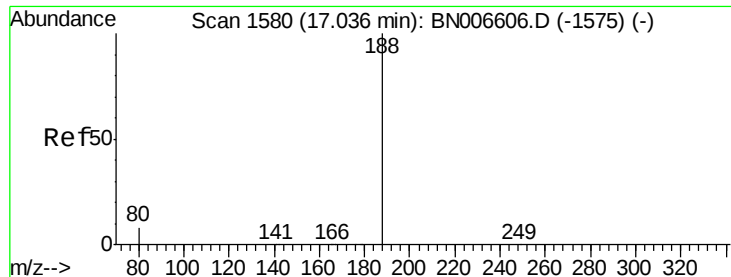
#18
Fluorene
Concen: 0.401 ng
RT: 15.34 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BN006606.D
Acq: 28 Jun 2019 10:15

Tgt Ion:166 Resp: 17195
Ion Ratio Lower Upper
166 100
165 98.0 78.4 117.6
167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.04 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

Instrument :

BNA_N

ClientSampleId :

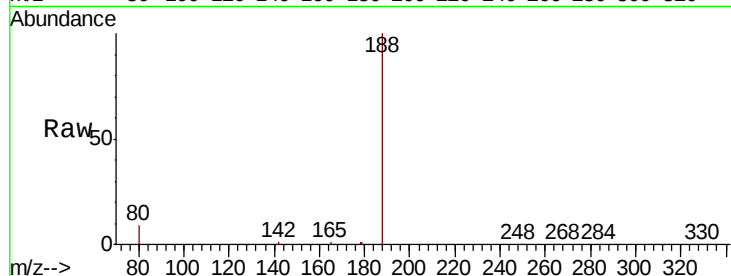
Tot Ion:188 Resp: 25019

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

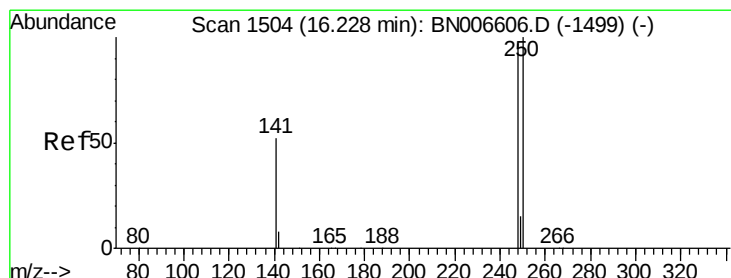
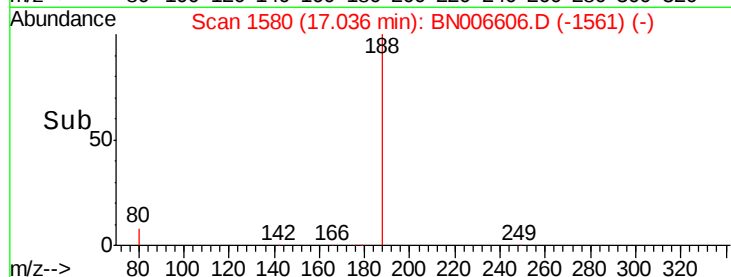
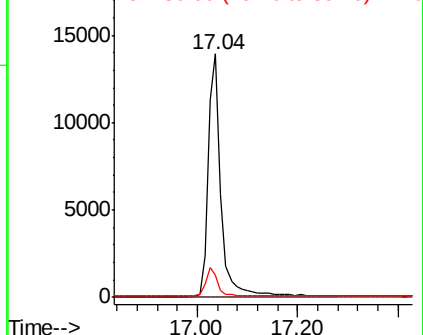
80 8.9 7.1 10.7



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: 0.384 ng

RT: 16.23 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

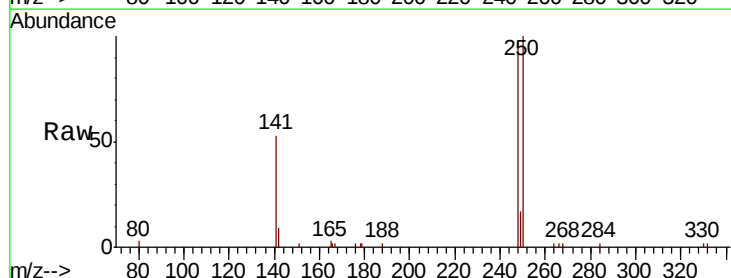
Tgt Ion:248 Resp: 5498

Ion Ratio Lower Upper

248 100

250 102.8 82.2 123.4

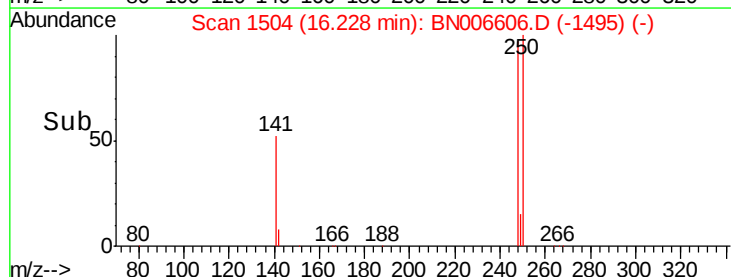
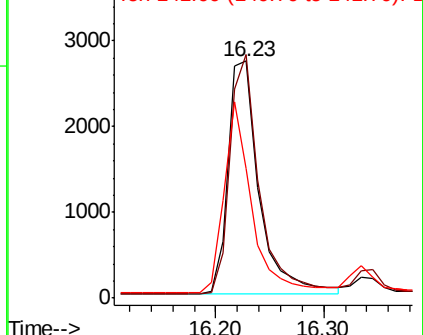
141 54.8 43.8 65.8

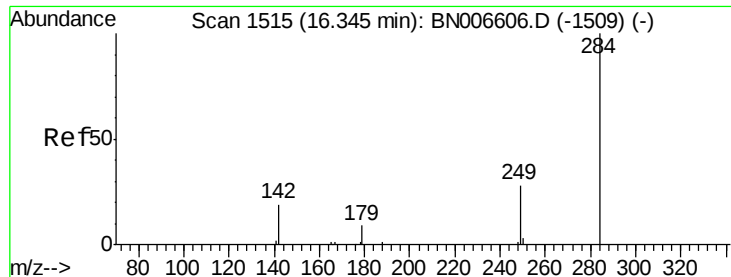


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.457 ng

RT: 16.35 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

Instrument :

BNA_N

ClientSampleId :

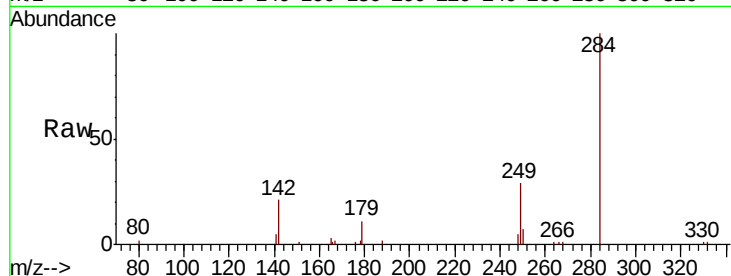
Tot Ion:284 Resp: 7234

Ion Ratio Lower Upper

284 100

142 34.4 27.5 41.3

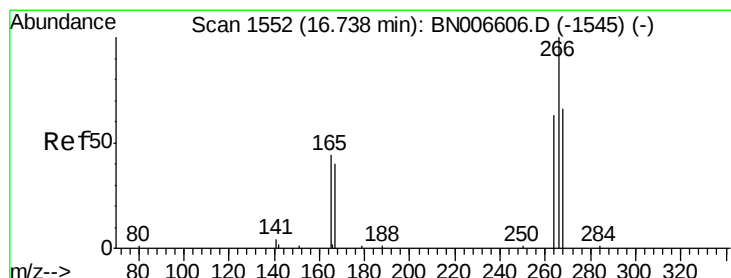
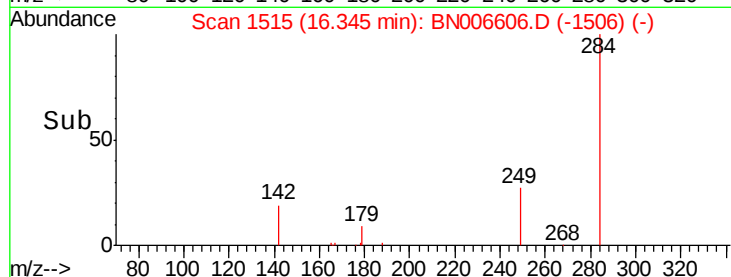
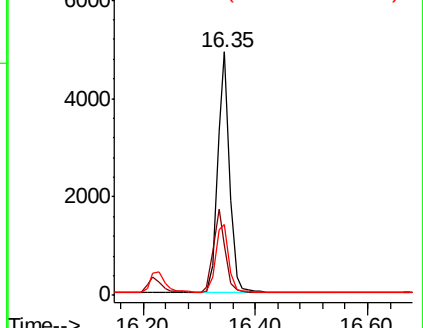
249 30.9 24.7 37.1



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: 0.254 ng

RT: 16.74 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

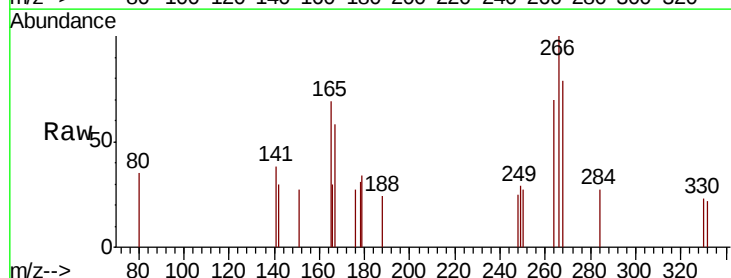
Tgt Ion:266 Resp: 888

Ion Ratio Lower Upper

266 100

264 70.3 56.2 84.4

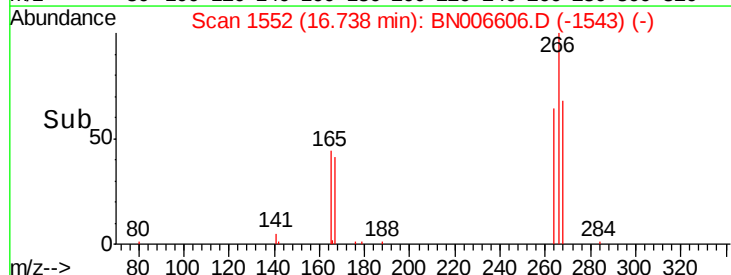
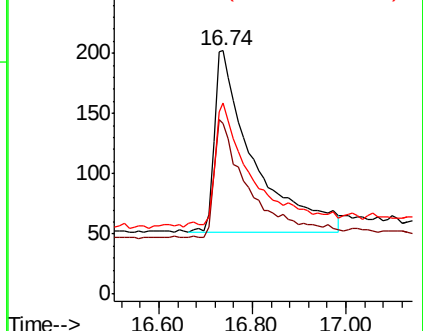
268 78.7 63.0 94.4

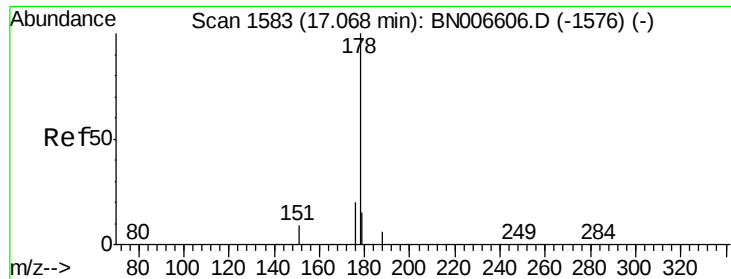


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.410 ng

RT: 17.07 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

Instrument :

BNA_N

ClientSampleId :

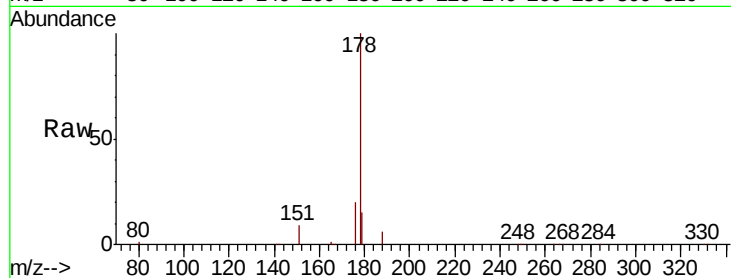
Tot Ion:178 Resp: 28714

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

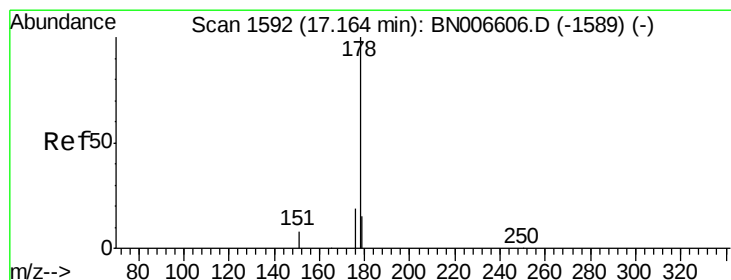
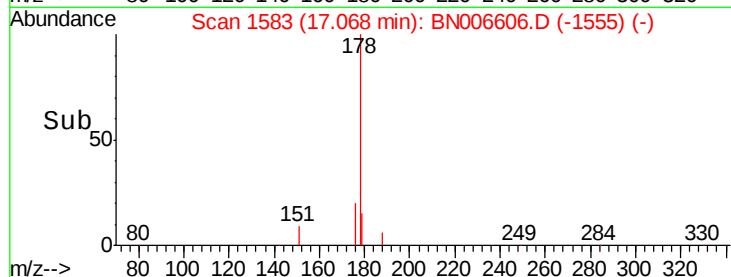
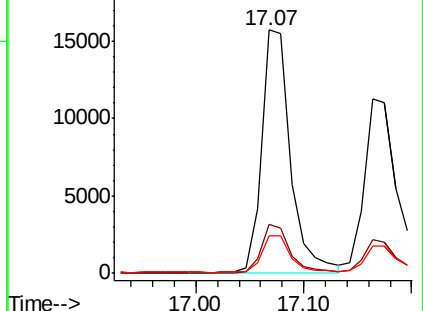
179 15.3 12.2 18.4



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



#24

Anthracene

Concen: 0.384 ng

RT: 17.16 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

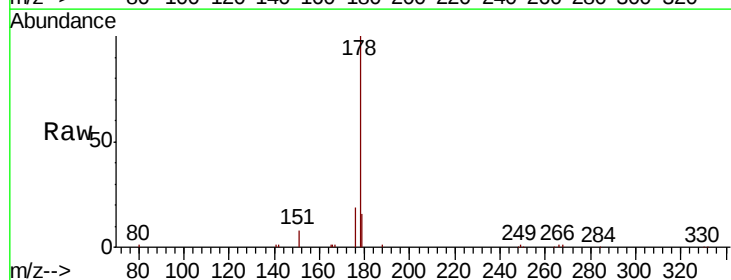
Tgt Ion:178 Resp: 23943

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

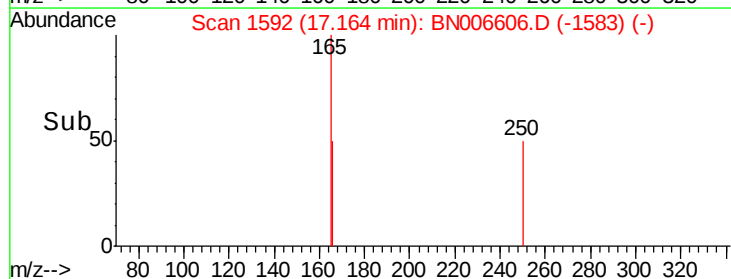
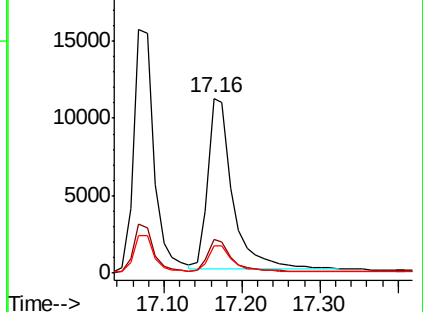
179 15.3 12.2 18.2

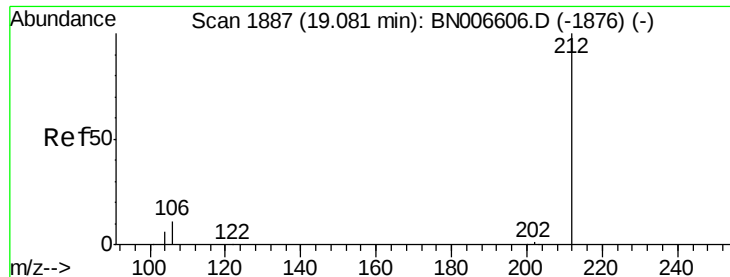


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.415 ng

RT: 19.08 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

Instrument :

BNA_N

ClientSampleId :

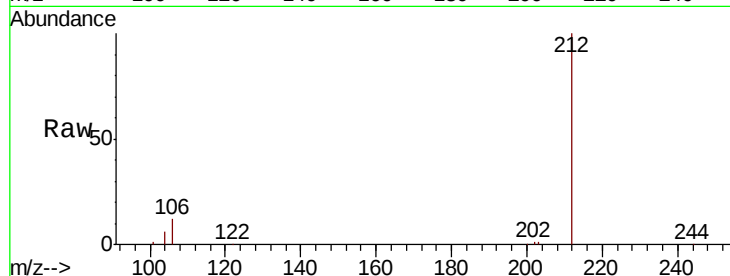
Tot Ion:212 Resp: 29645

Ion Ratio Lower Upper

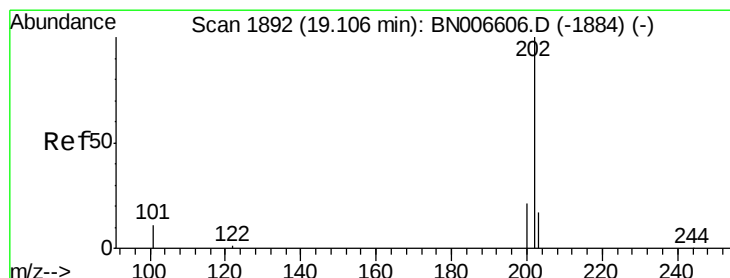
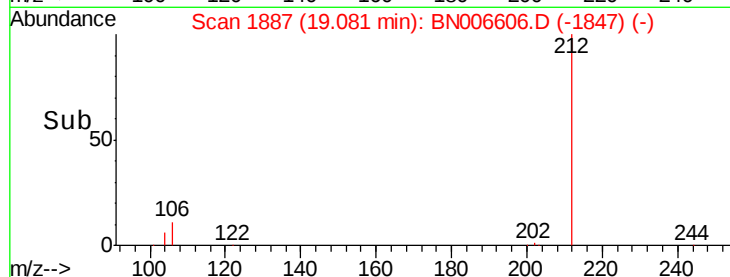
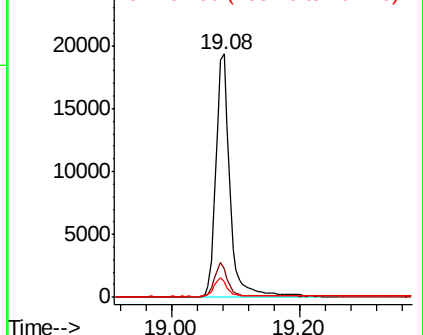
212 100

106 13.2 10.6 15.8

104 7.2 5.8 8.6



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: 0.415 ng

RT: 19.11 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

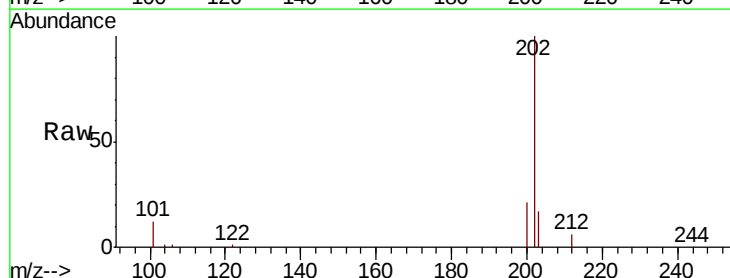
Tgt Ion:202 Resp: 35595

Ion Ratio Lower Upper

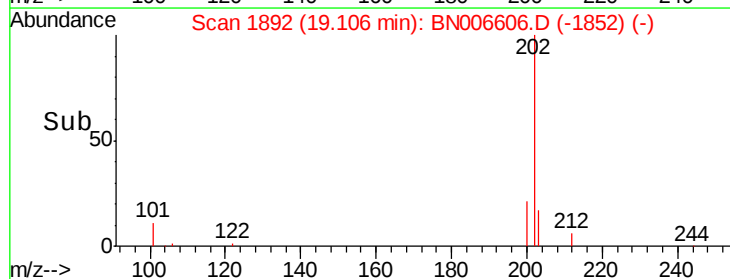
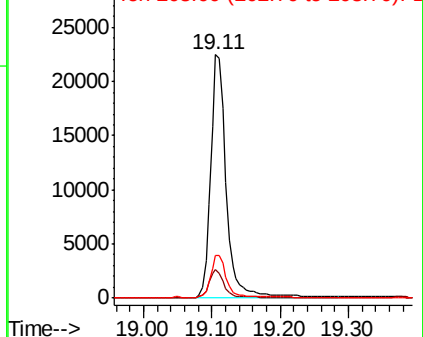
202 100

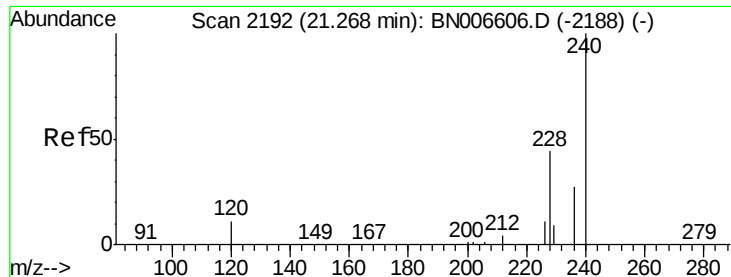
101 11.1 8.9 13.3

203 17.0 13.6 20.4



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

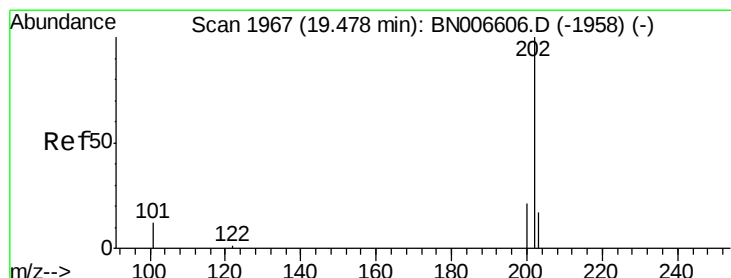
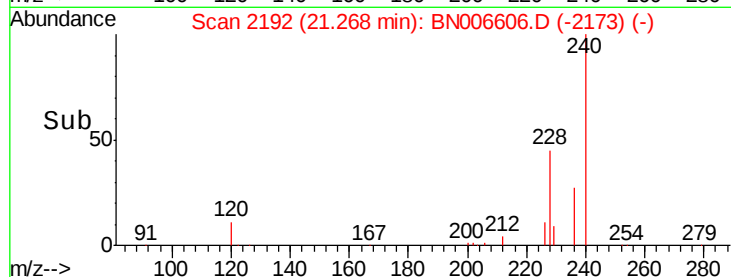
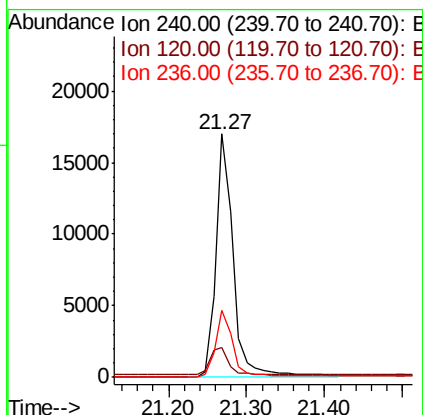
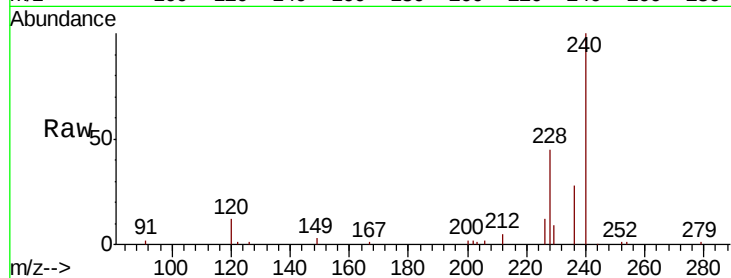




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BN006606.D
Acq: 28 Jun 2019 10:15

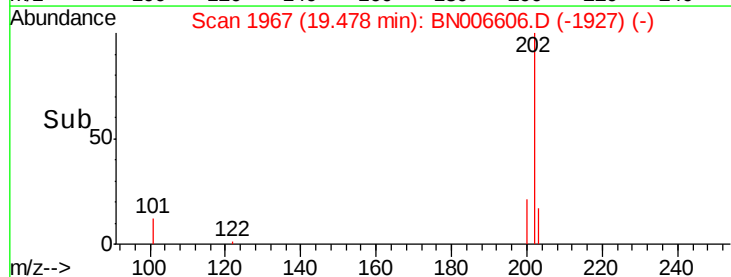
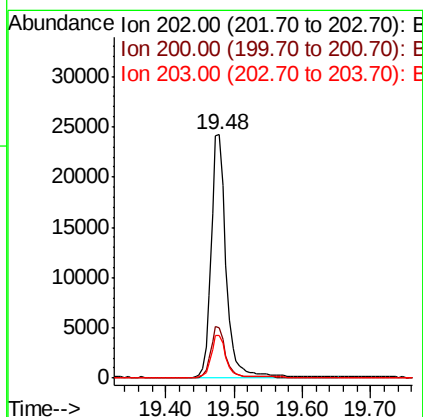
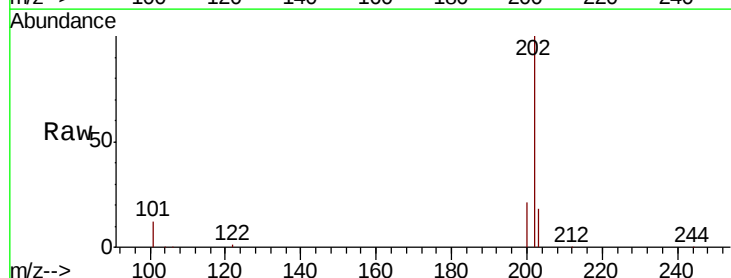
Instrument :
BNA_N
ClientSampleId :

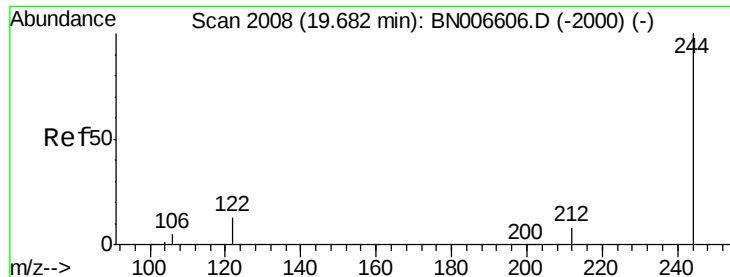
Tot Ion:240 Resp: 25815
Ion Ratio Lower Upper
240 100
120 12.4 9.9 14.9
236 27.8 22.2 33.4



#28
Pyrene
Concen: 0.503 ng
RT: 19.48 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BN006606.D
Acq: 28 Jun 2019 10:15

Tgt Ion:202 Resp: 36907
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.6 14.1 21.1





#29

Terphenyl-d14

Concen: 0.408 ng

RT: 19.68 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

Instrument :

BNA_N

ClientSampleId :

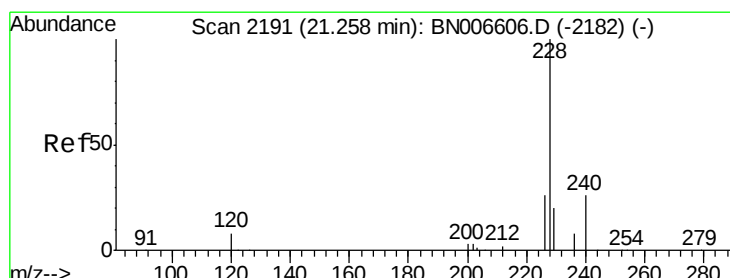
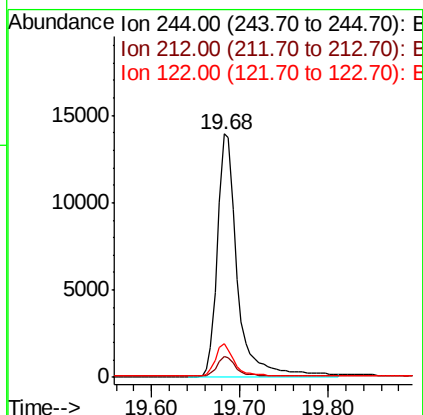
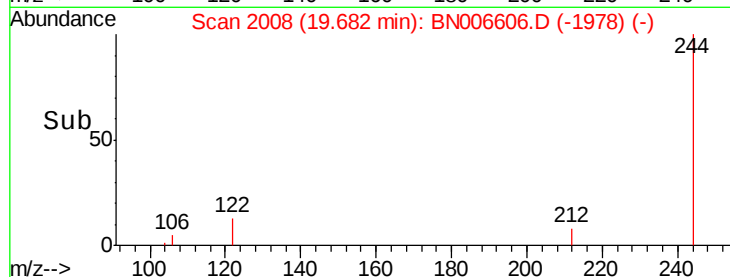
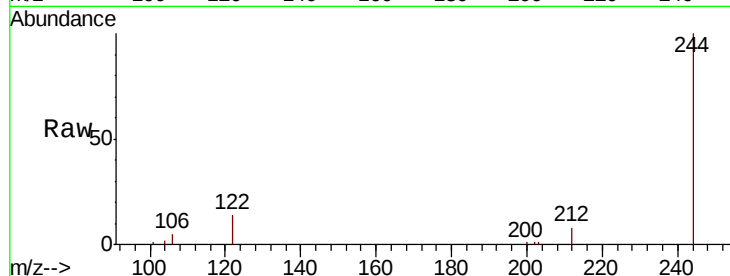
Tot Ion:244 Resp: 21657

Ion Ratio Lower Upper

244 100

212 8.4 6.7 10.1

122 13.8 11.0 16.6



#30

Benzo(a)anthracene

Concen: 0.456 ng

RT: 21.26 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

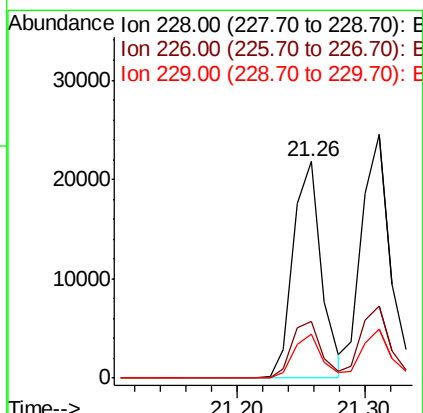
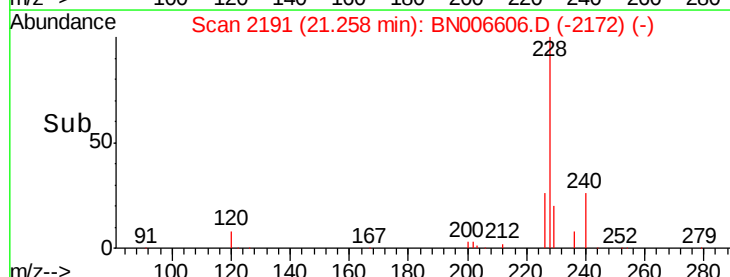
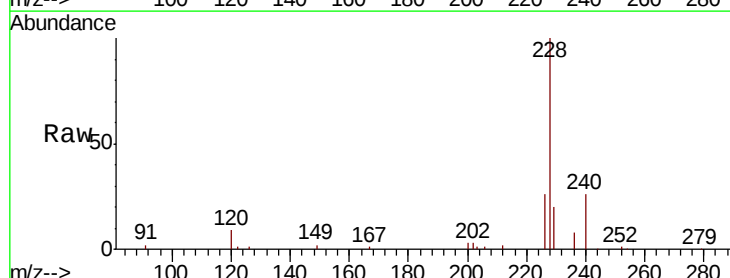
Tgt Ion:228 Resp: 33176

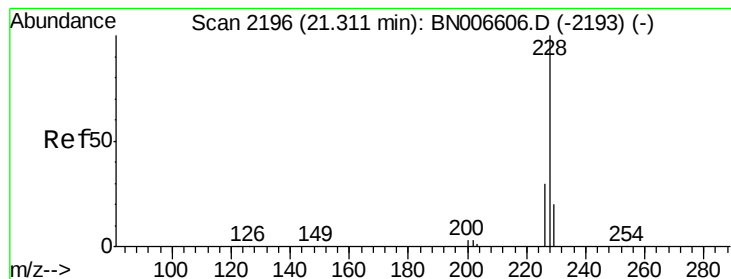
Ion Ratio Lower Upper

228 100

226 26.5 21.2 31.8

229 20.1 16.1 24.1





#31

Chrysene

Concen: 0.488 ng

RT: 21.31 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

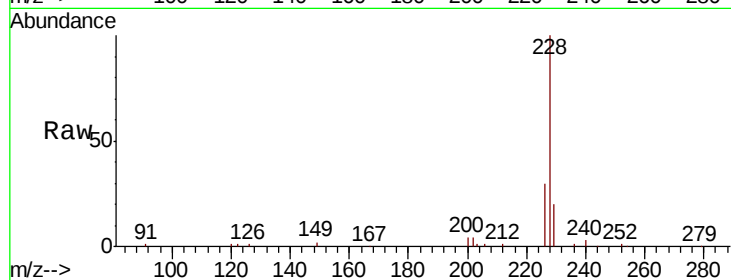
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 38303

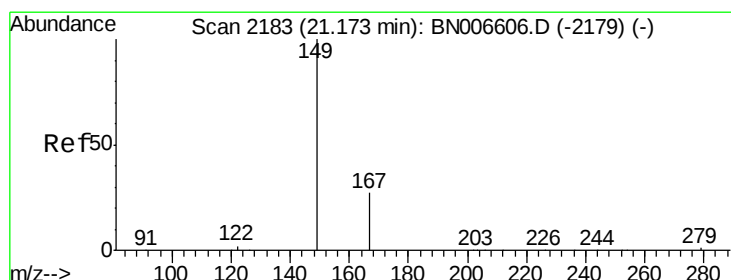
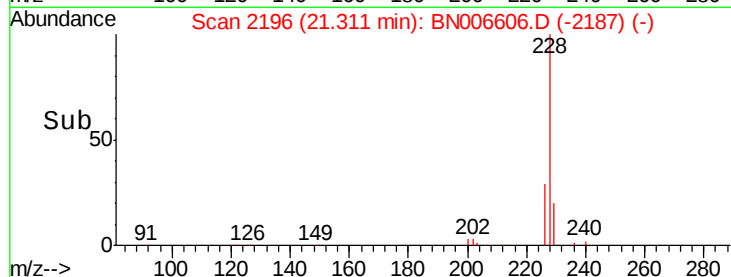
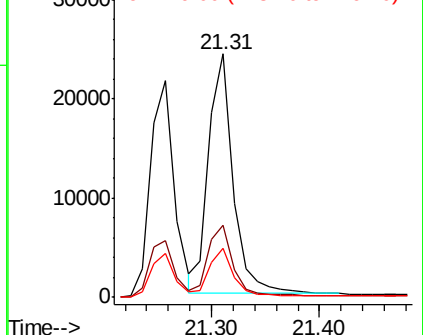
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	19.9	15.9	23.9



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: 0.498 ng

RT: 21.17 min Scan# 2183

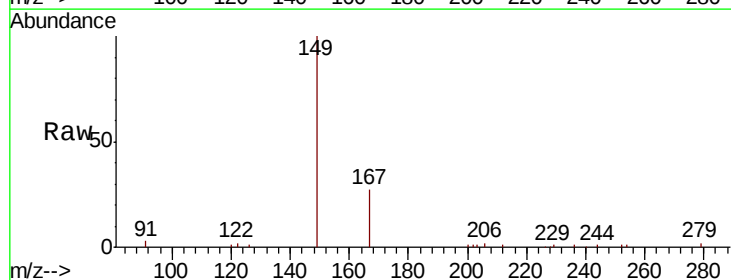
Delta R.T. 0.00 min

Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

Tgt Ion:149 Resp: 15188

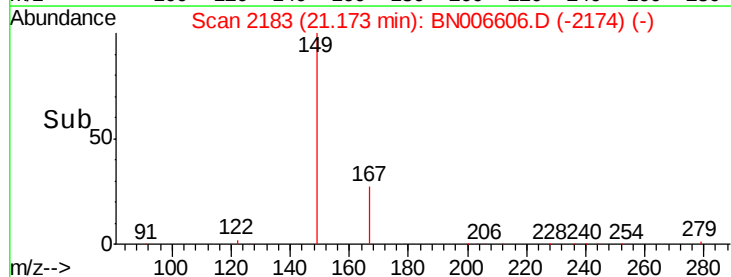
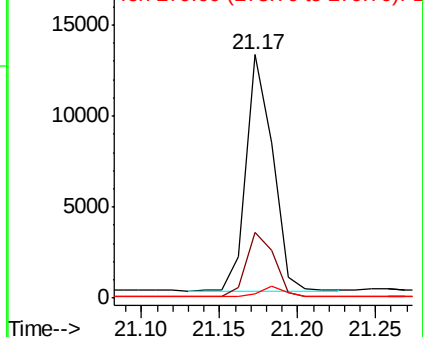
Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.9	34.3
279	4.1	3.3	4.9

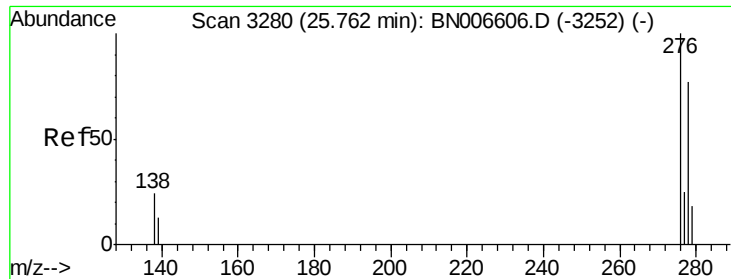


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

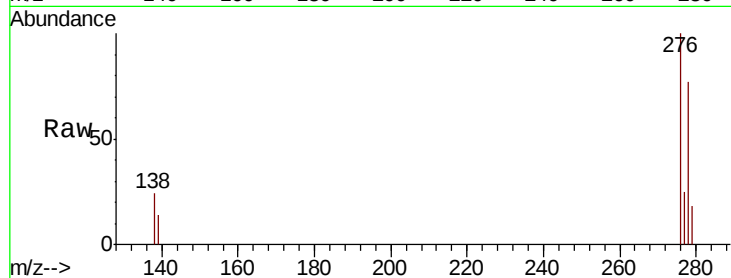




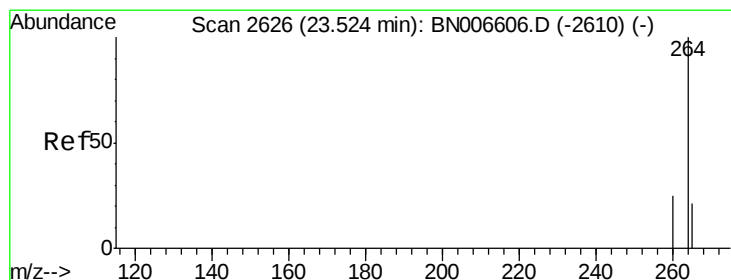
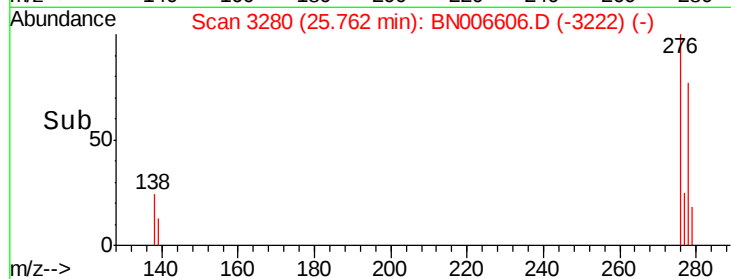
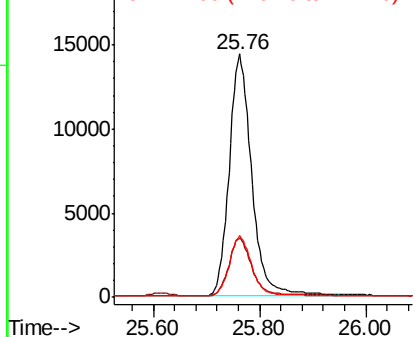
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.484 ng
 RT: 25.76 min Scan# 3280
 Delta R.T. 0.00 min
 Lab File: BN006606.D
 Acq: 28 Jun 2019 10:15

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 42745
 Ion Ratio Lower Upper
 276 100
 138 24.1 19.3 28.9
 277 24.9 19.9 29.9

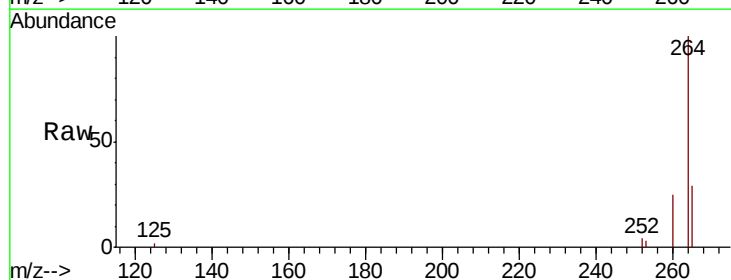


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

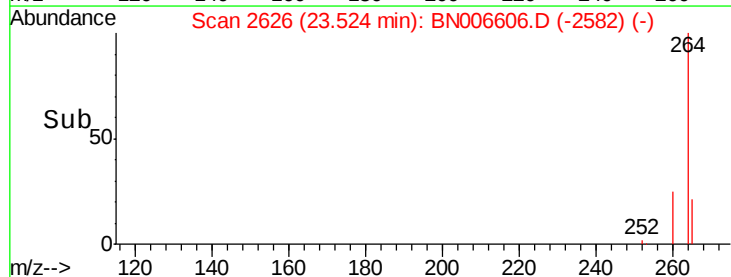
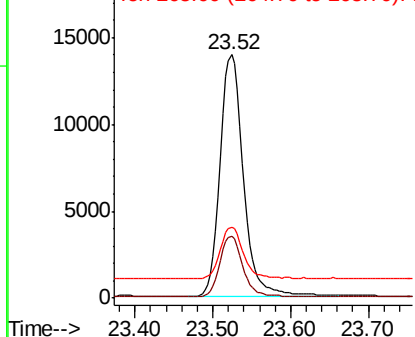


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.52 min Scan# 2626
 Delta R.T. 0.00 min
 Lab File: BN006606.D
 Acq: 28 Jun 2019 10:15

Tgt Ion:264 Resp: 29103
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.2 30.2
 265 29.1 23.3 34.9



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: 0.425 ng

RT: 22.85 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

Instrument :

BNA_N

ClientSampleId :

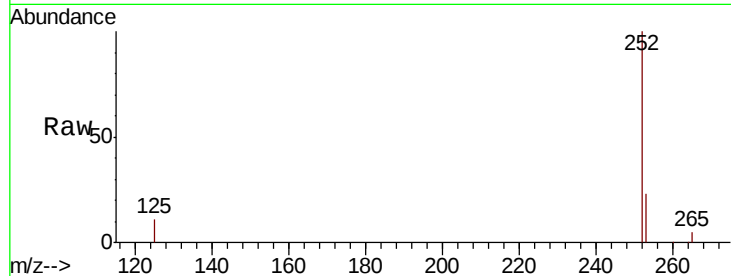
Tot Ion:252 Resp: 39688

Ion Ratio Lower Upper

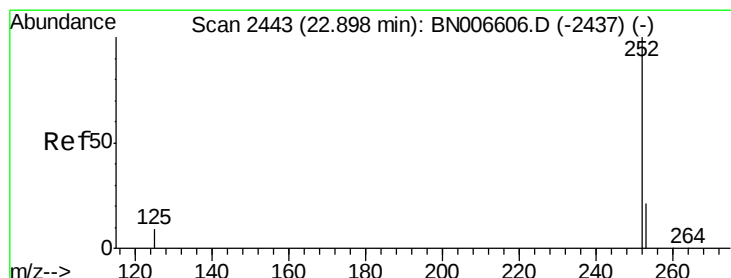
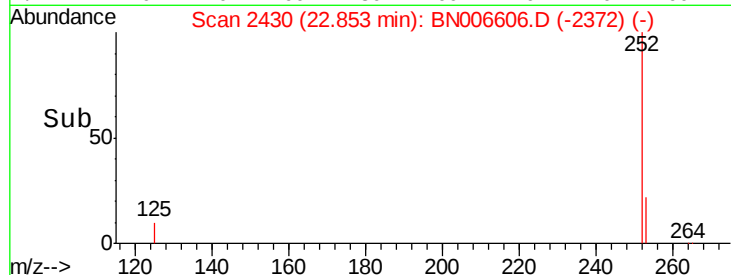
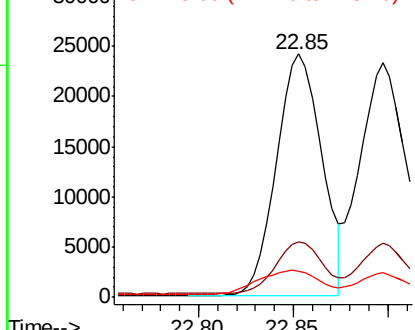
252 100

253 23.0 18.4 27.6

125 10.9 8.7 13.1



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



#36

Benzo(k)fluoranthene

Concen: 0.469 ng

RT: 22.90 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

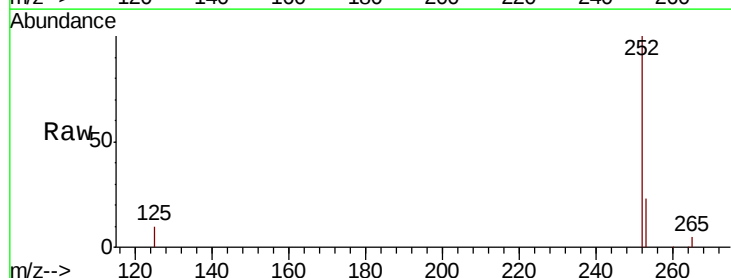
Tgt Ion:252 Resp: 42329

Ion Ratio Lower Upper

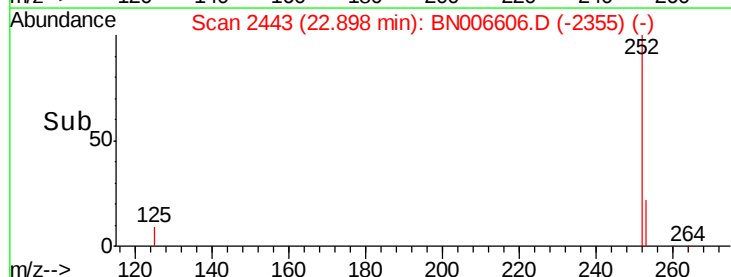
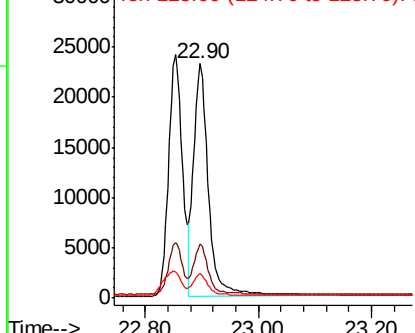
252 100

253 22.9 18.3 27.5

125 10.5 8.4 12.6



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





#37

Benzo(a)pyrene

Concen: 0.464 ng

RT: 23.43 min Scan# 2598

Delta R.T. 0.00 min

Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

Instrument :

BNA_N

ClientSampleId :

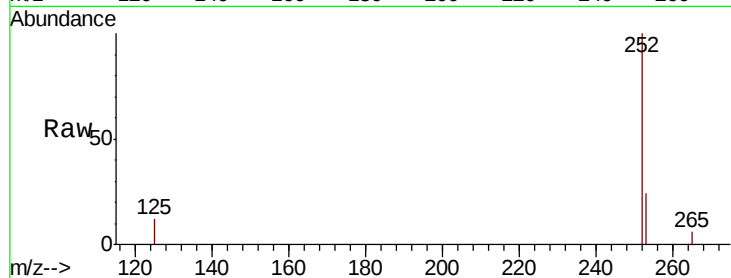
Tot Ion:252 Resp: 38527

Ion Ratio Lower Upper

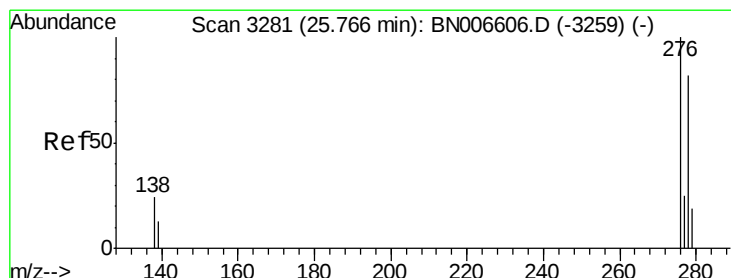
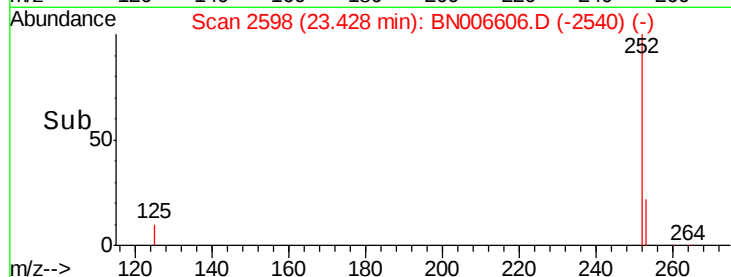
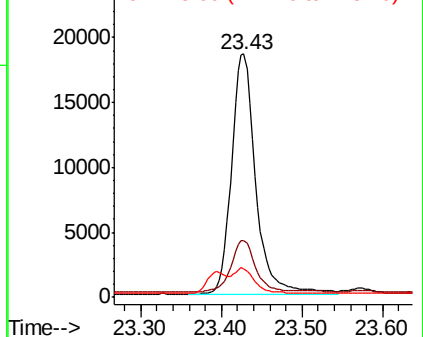
252 100

253 23.5 18.8 28.2

125 11.8 9.4 14.2



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



#38

Dibenzo(a,h)anthracene

Concen: 0.414 ng

RT: 25.77 min Scan# 3281

Delta R.T. 0.00 min

Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

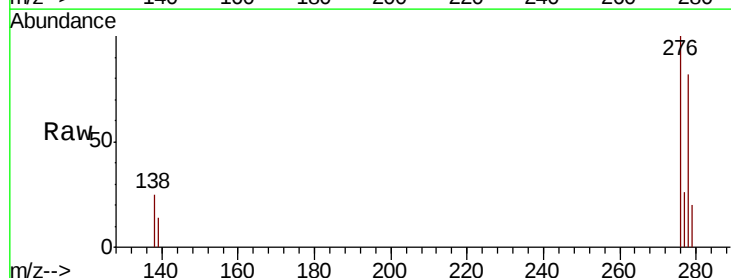
Tgt Ion:278 Resp: 34393

Ion Ratio Lower Upper

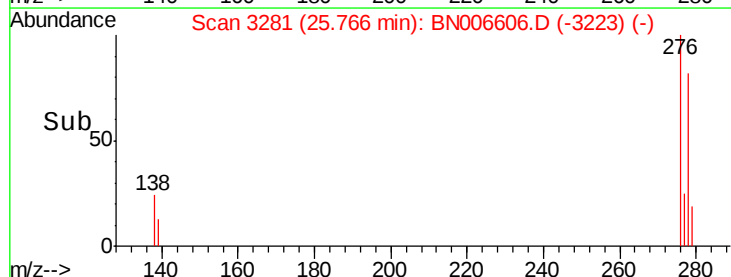
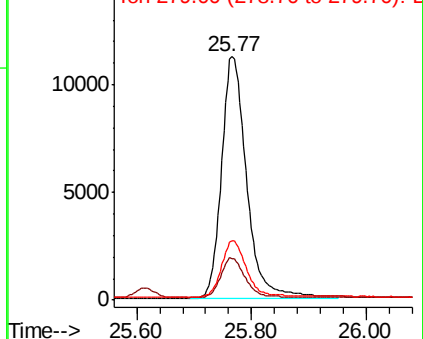
278 100

139 16.9 13.5 20.3

279 24.3 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.411 ng

RT: 26.45 min Scan# 3480

Delta R.T. 0.00 min

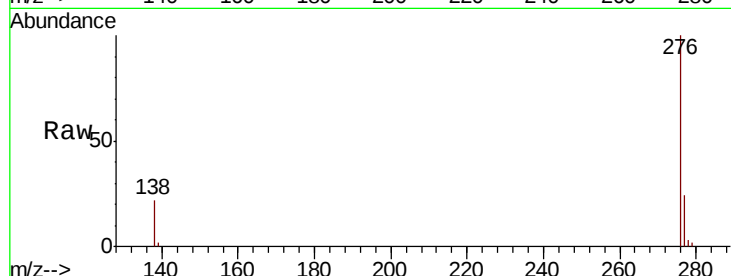
Lab File: BN006606.D

Acq: 28 Jun 2019 10:15

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 34388

Ion Ratio Lower Upper

276 100

277 24.5 19.6 29.4

138 22.1 17.7 26.5

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

