

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
 Data File : BN008014.D
 Acq On : 04 Oct 2019 21:34
 Operator : JU
 Sample : K5078-08RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 05 01:25:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 03 18:39:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	21978	0.40	ng	-0.02
7) Naphthalene-d8	10.46	136	88436	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	51001	0.40	ng	-0.02
19) Phenanthrene-d10	17.06	188	97817	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	124096	0.40	ng	0.00
34) Perylene-d12	23.47	264	149343	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.32	112	15995	0.21	ng	0.00
5) Phenol-d6	6.88	99	21697	0.23	ng	0.00
8) Nitrobenzene-d5	8.82	82	18669	0.24	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	35946	0.24	ng	-0.02
14) 2,4,6-Tribromophenol	15.80	330	6428	0.23	ng	-0.02
15) 2-Fluorobiphenyl	12.93	172	47982	0.23	ng	-0.02
25) Fluoranthene-d10	19.10	212	82849	0.25	ng	-0.01
29) Terphenyl-d14	19.70	244	70861	0.23	ng	-0.02

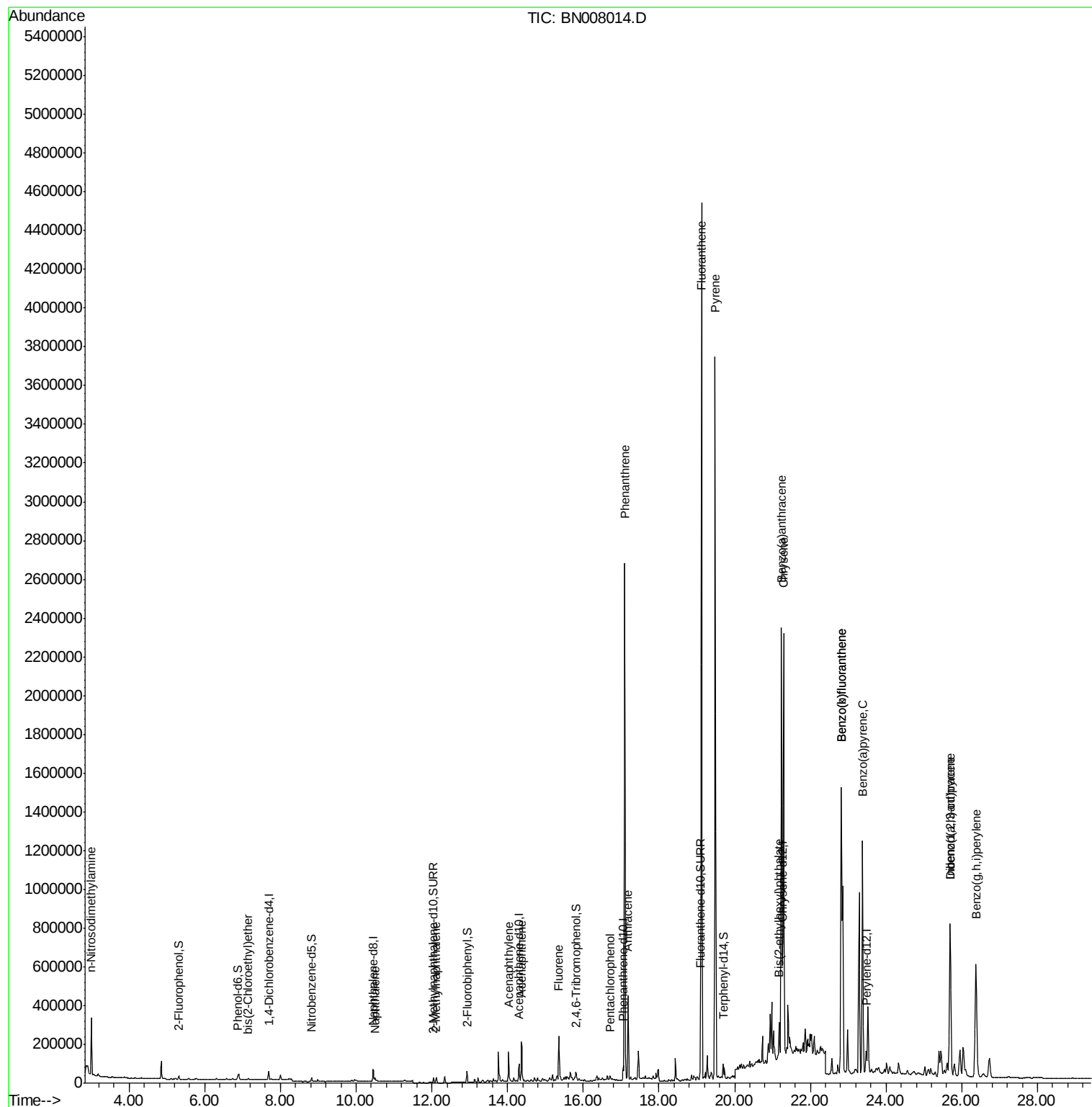
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.01	42	23487	2.093	ng	# 67
6) bis(2-Chloroethyl)ether	7.14	93	5451	0.088	ng	# 23
9) Naphthalene	10.49	128	23712	0.096	ng	95
12) 2-Methylnaphthalene	12.12	142	20568	0.123	ng	97
16) Acenaphthylene	14.03	152	215985	0.799	ng	99
17) Acenaphthene	14.37	154	110478	0.634	ng	97
18) Fluorene	15.36	166	154314	0.690	ng	97
22) Pentachlorophenol	16.72	266	791	0.033	ng	91
23) Phenanthrene	17.10	178	2634591	8.646	ng	100
24) Anthracene	17.18	178	458106	1.665	ng	97
26) Fluoranthene	19.12	202	4094255	10.806	ng	98
28) Pyrene	19.49	202	3602704	8.512	ng	# 95
30) Benzo(a)anthracene	21.24	228	1791042	3.919	ng	97
31) Chrysene	21.29	228	1890457	4.245	ng	97
32) Bis(2-ethylhexyl)phthalate	21.18	149	123535	0.526	ng	99
33) Indeno(1,2,3-cd)pyrene	25.69	276	1278132	2.292	ng	# 95
35) Benzo(b)fluoranthene	22.82	252	2462552	4.750	ng	99
36) Benzo(k)fluoranthene	22.82	252	2462552	4.803	ng	99
37) Benzo(a)pyrene	23.38	252	1679770	3.448	ng	99
38) Dibenzo(a,h)anthracene	25.70	278	304833	0.611	ng	# 93
39) Benzo(g,h,i)perylene	26.38	276	1256652	2.547	ng	98

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

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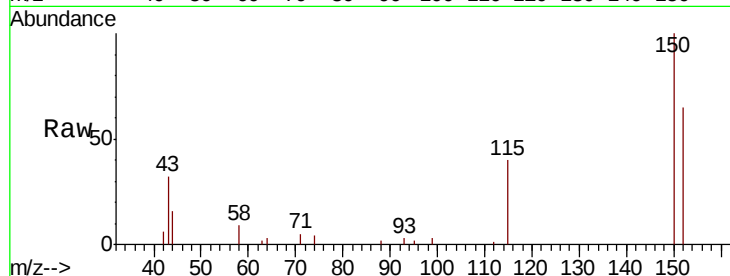


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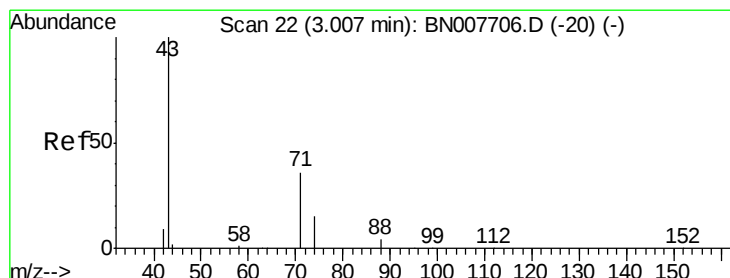
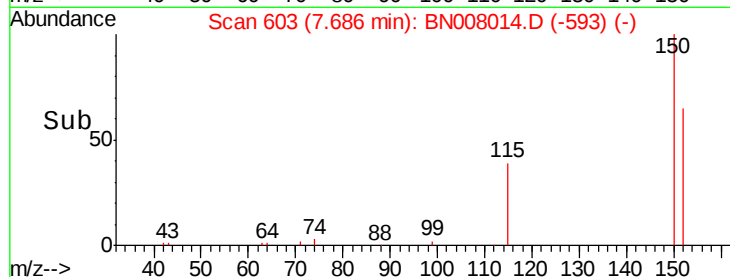
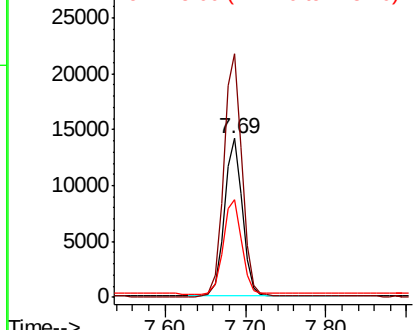
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 21978
Ion Ratio Lower Upper
152 100
150 153.3 125.6 188.4
115 61.6 53.3 79.9



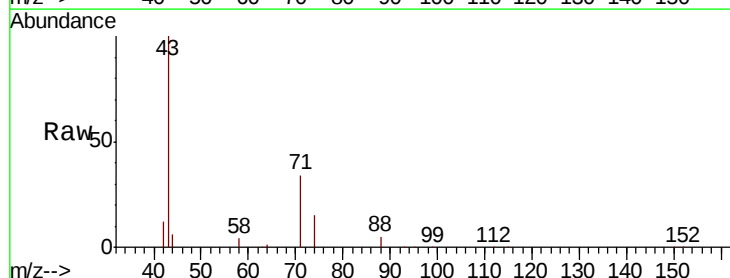
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



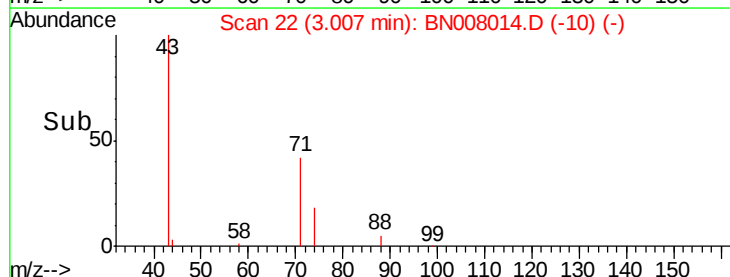
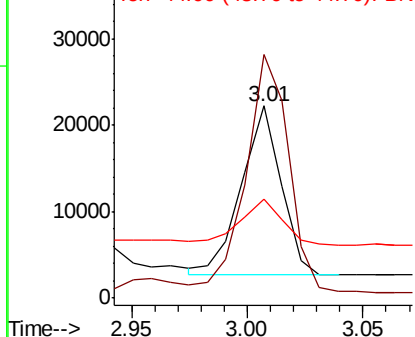
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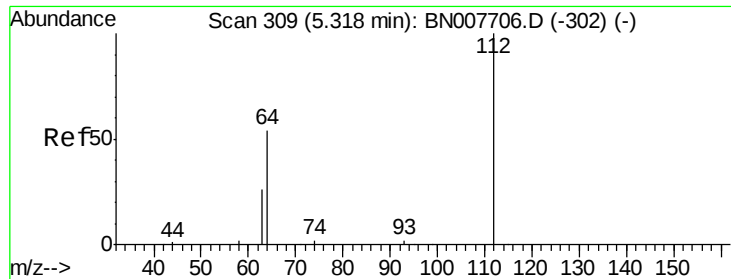
n-Nitrosodimethylamine
Concen: 2.093 ng
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Tgt Ion: 42 Resp: 23487
Ion Ratio Lower Upper
42 100
74 151.8 87.9 131.9#
44 28.7 29.4 44.0#



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: 0.211 ng

RT: 5.32 min Scan# 309

Delta R.T. 0.00 min

Lab File: BN008014.D

Acq: 04 Oct 2019 21:34

Instrument :

BNA_N

ClientSampled :

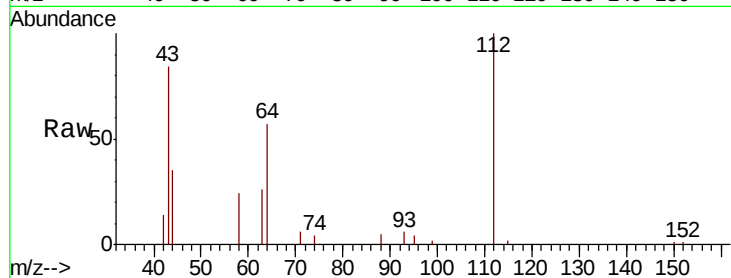
Tot Ion:112 Resp: 15995

Ion Ratio Lower Upper

112 100

64 58.7 46.6 70.0

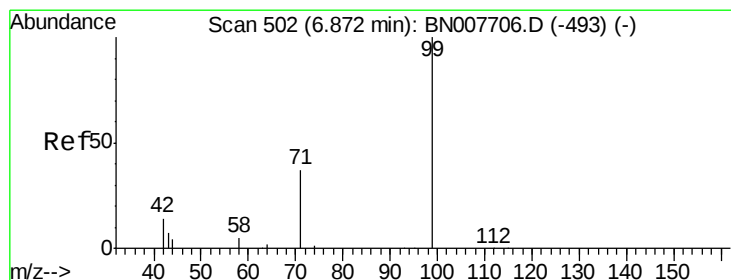
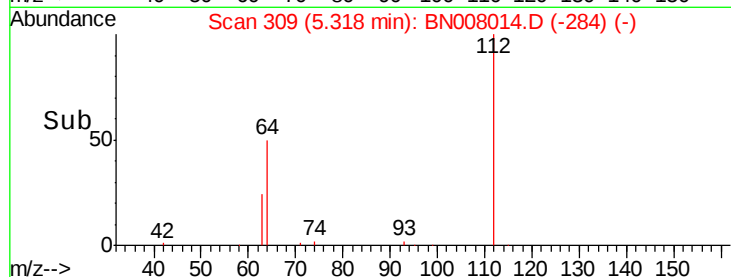
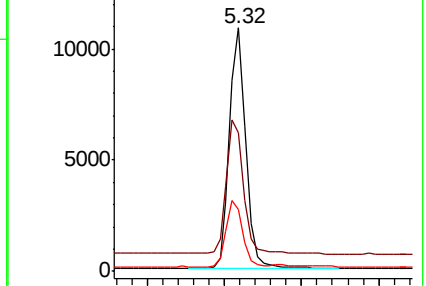
63 27.9 23.1 34.7



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: 0.227 ng

RT: 6.88 min Scan# 503

Delta R.T. 0.01 min

Lab File: BN008014.D

Acq: 04 Oct 2019 21:34

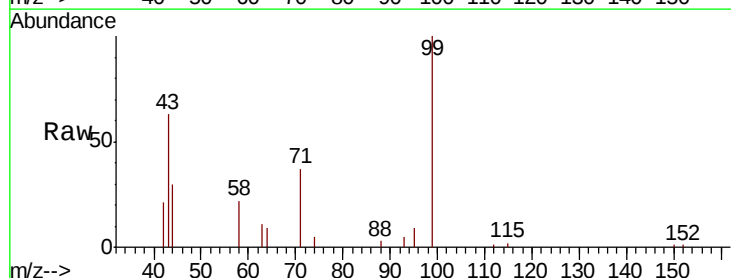
Tgt Ion: 99 Resp: 21697

Ion Ratio Lower Upper

99 100

42 23.1 12.8 19.2#

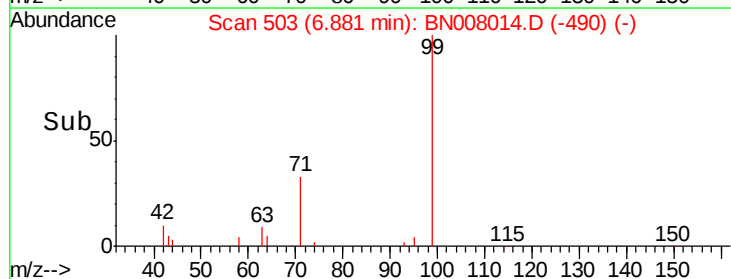
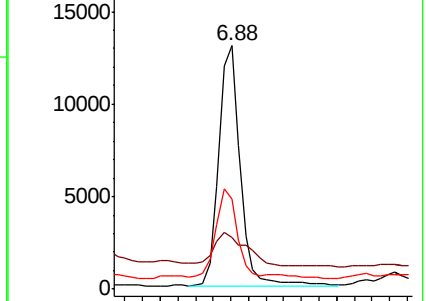
71 35.1 27.6 41.4

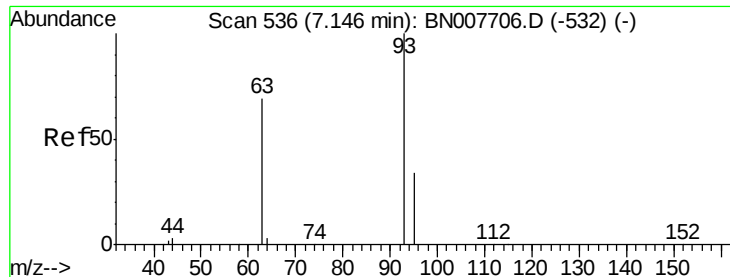


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC



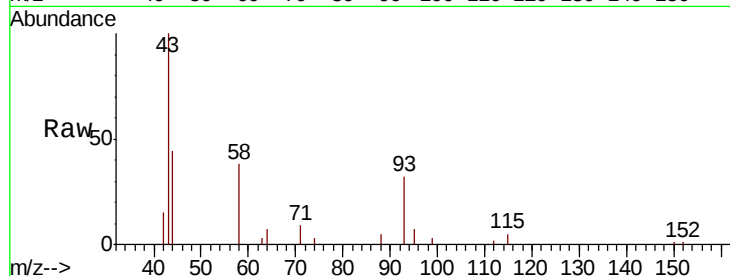


#6

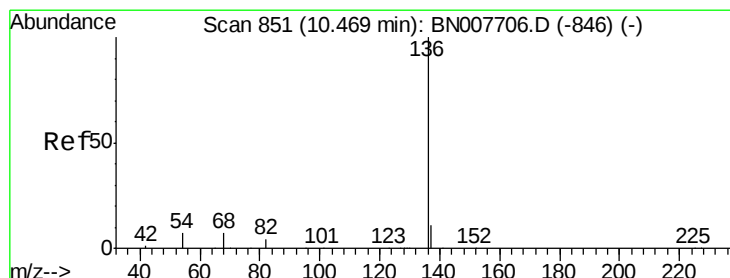
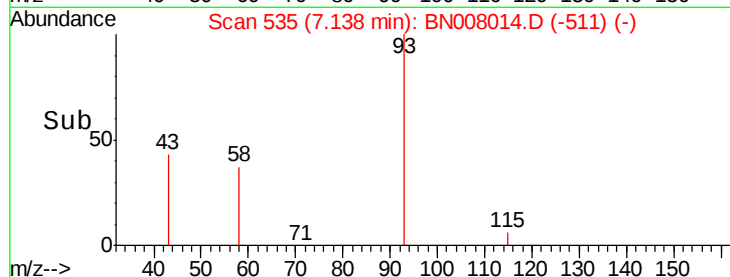
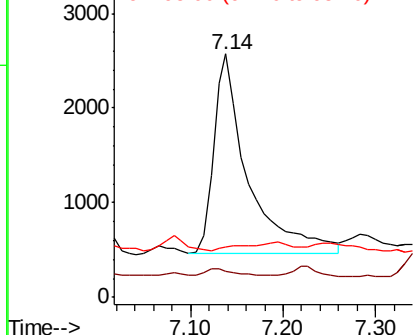
bis(2-Chloroethyl)ether
Concen: 0.088 ng
RT: 7.14 min Scan# 535
Delta R.T. -0.01 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	3.2	59.3	88.9#
95	0.0	31.4	47.0#



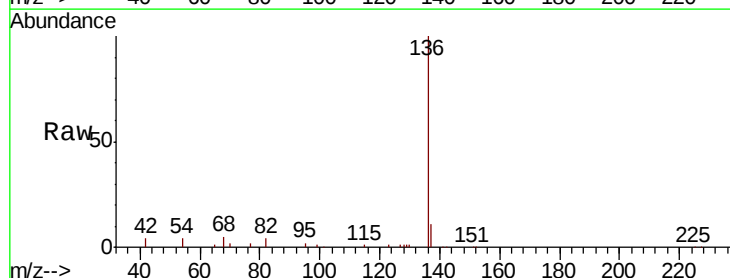
Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0



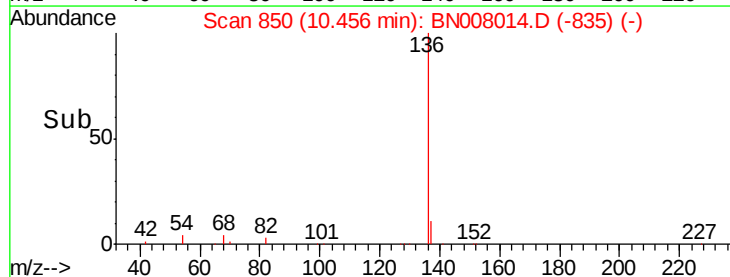
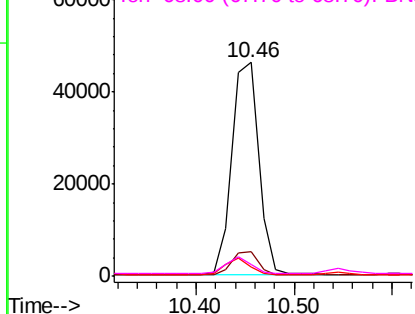
#7

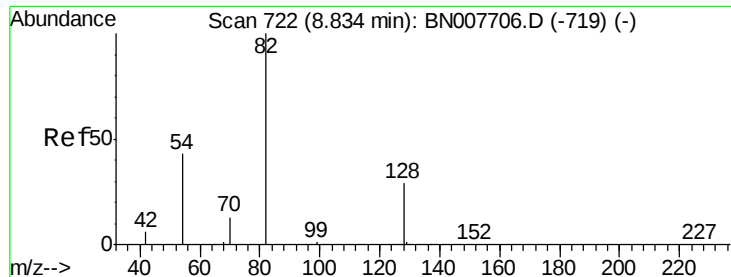
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	4.3	5.8	8.8#
68	5.4	6.5	9.7#



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): BN0
Ion 68.00 (67.70 to 68.70): BN0

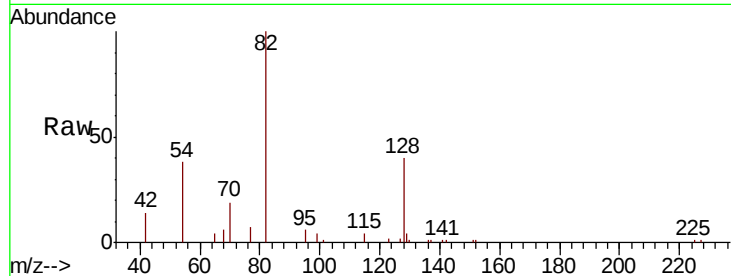




#8
 Nitrobenzene-d5
 Concen: 0.241 ng
 RT: 8.82 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BN008014.D
 Acq: 04 Oct 2019 21:34

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	82	Resp	18669
Ion Ratio	Lower	Upper	
82	100		
128	39.7	24.5	36.7#
54	38.0	35.2	52.8

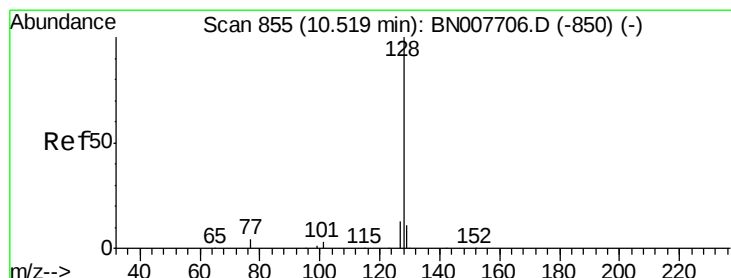
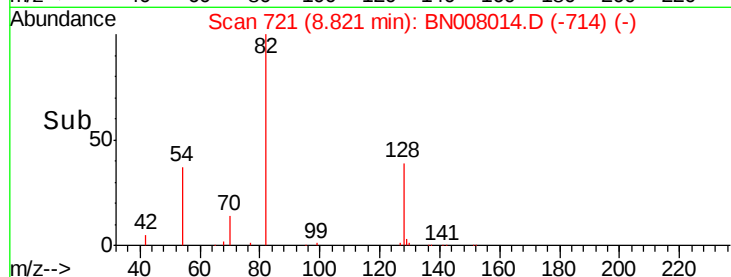
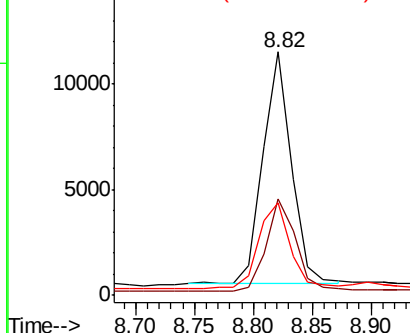


Abundance

Ion 82.00 (81.70 to 82.70): BN0

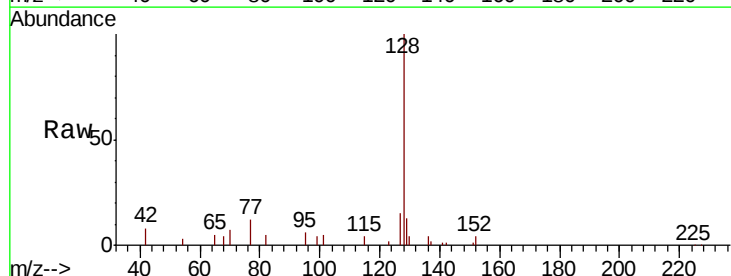
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



#9
 Naphthalene
 Concen: 0.096 ng
 RT: 10.49 min Scan# 853
 Delta R.T. -0.03 min
 Lab File: BN008014.D
 Acq: 04 Oct 2019 21:34

Tgt Ion	128	Resp	23712
Ion Ratio	Lower	Upper	
128	100		
129	13.3	9.1	13.7
127	14.9	10.6	15.8

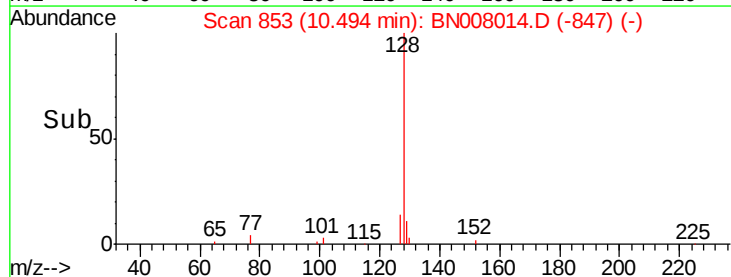
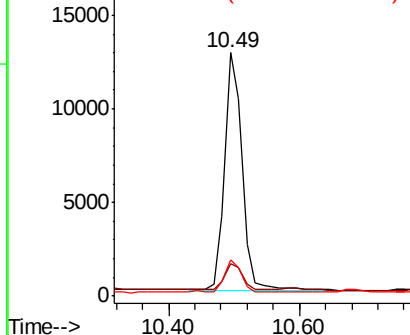


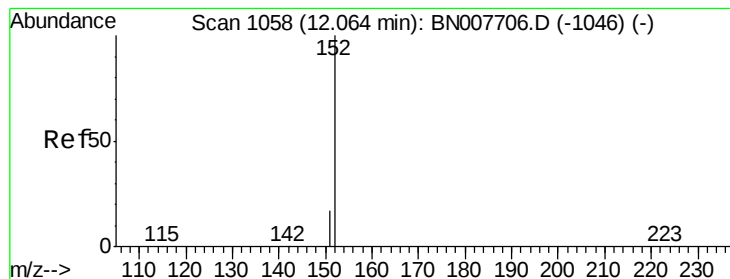
Abundance

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





#11

2-Methylnaphthalene-d10

Concen: 0.241 ng

RT: 12.04 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BN008014.D

Acq: 04 Oct 2019 21:34

Instrument :

BNA_N

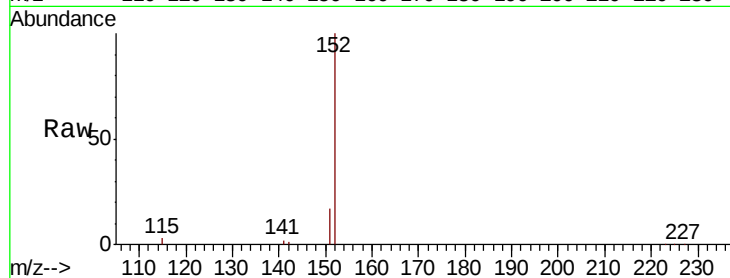
ClientSampleId :

Tot Ion:152 Resp: 35946

Ion Ratio Lower Upper

152 100

151 19.4 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.04

25000

20000

15000

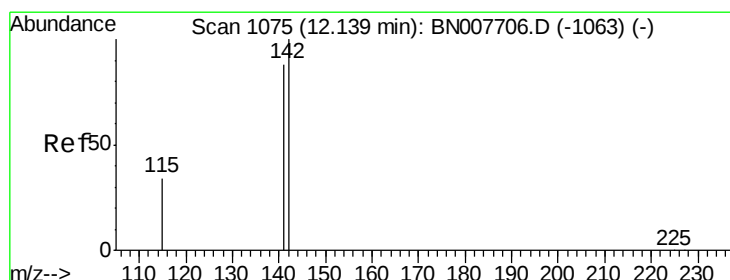
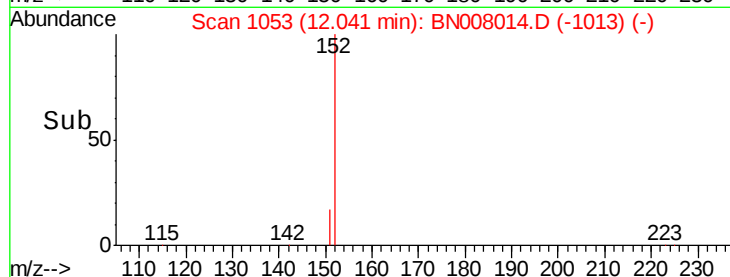
10000

5000

0

Time-->

12.00 12.10



#12

2-Methylnaphthalene

Concen: 0.123 ng

RT: 12.12 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BN008014.D

Acq: 04 Oct 2019 21:34

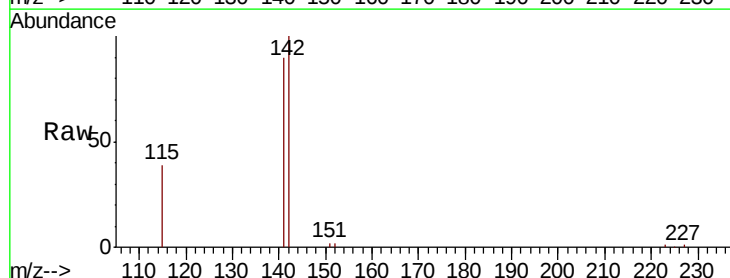
Tgt Ion:142 Resp: 20568

Ion Ratio Lower Upper

142 100

141 89.8 70.6 106.0

115 38.8 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.12

15000

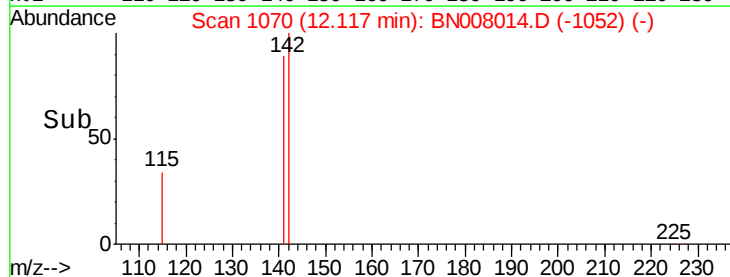
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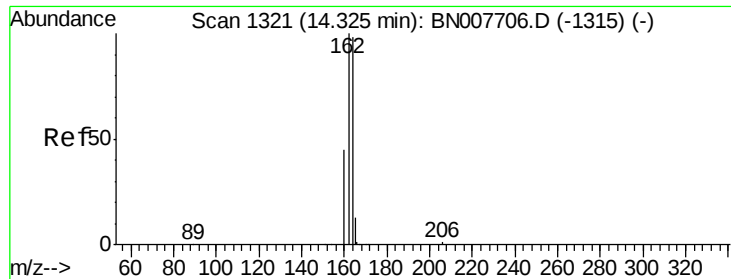
5000

0

Time-->

12.10 12.20

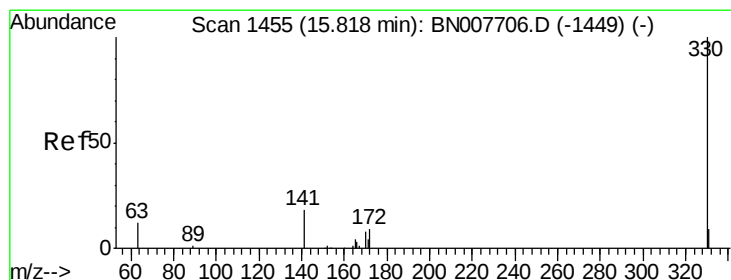
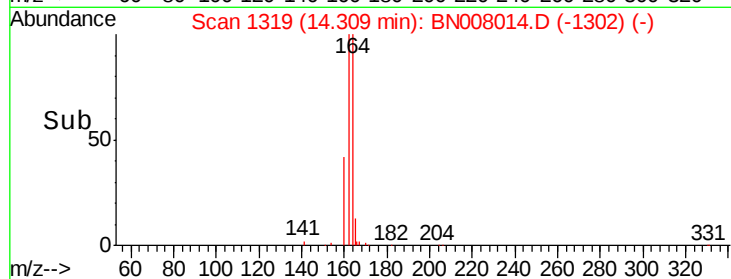
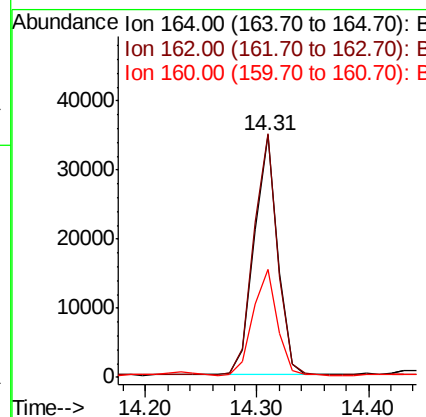
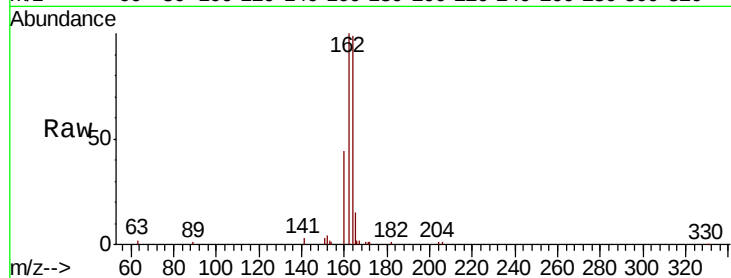




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

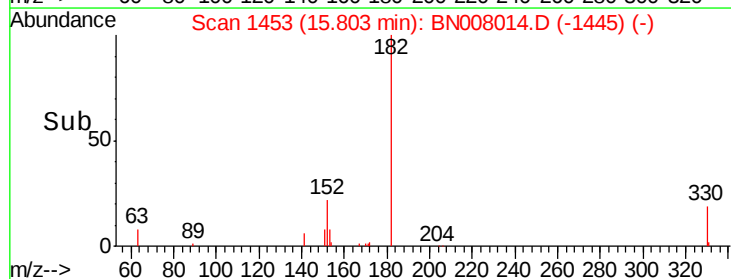
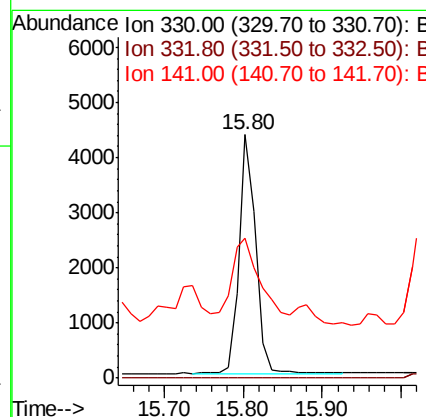
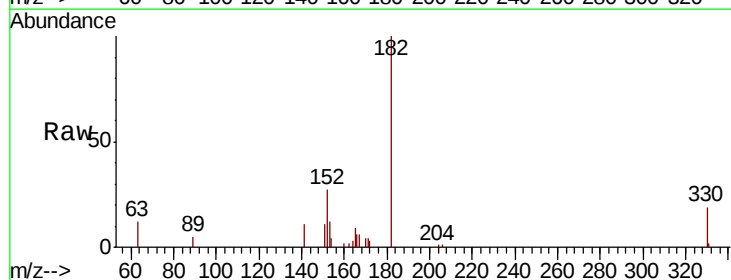
Instrument :
BNA_N
ClientSampleId :

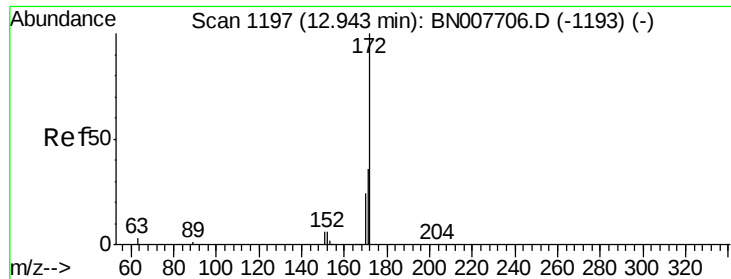
Tot Ion:164 Resp: 51001
Ion Ratio Lower Upper
164 100
162 100.5 81.7 122.5
160 44.4 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.231 ng
RT: 15.80 min Scan# 1453
Delta R.T. -0.02 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Tgt Ion:330 Resp: 6428
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 52.9 28.7 43.1#

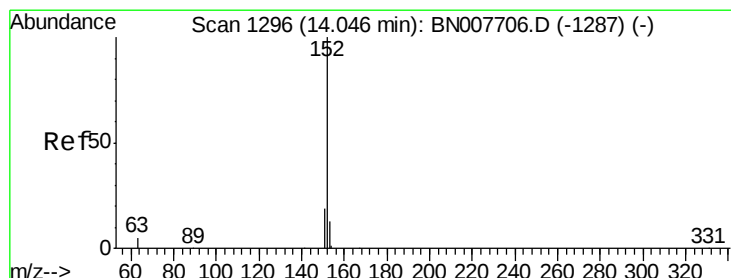
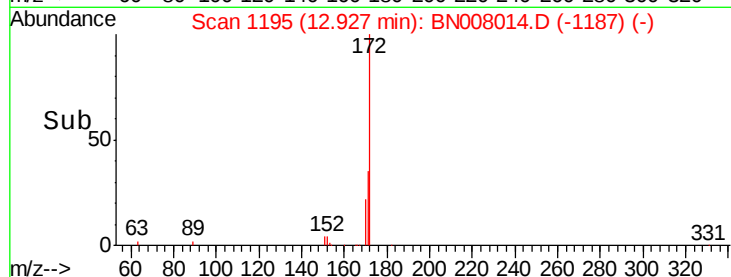
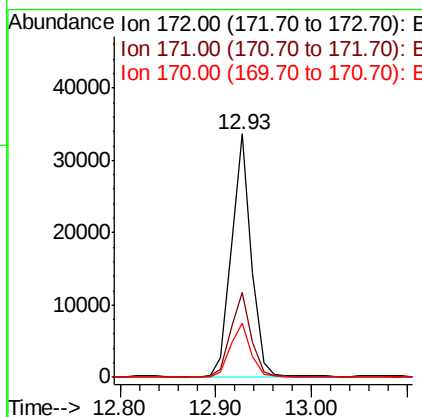
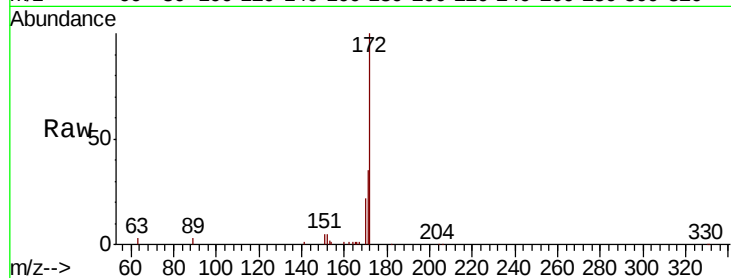




#15
2-Fluorobiphenyl
Concen: 0.228 ng
RT: 12.93 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

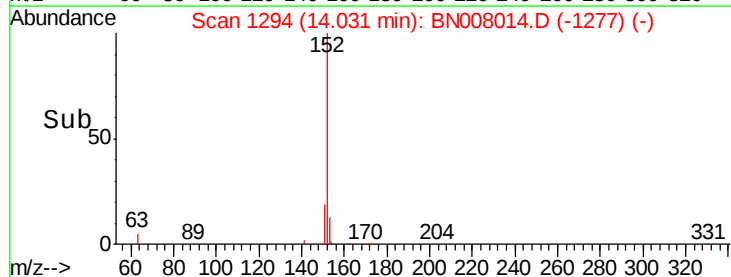
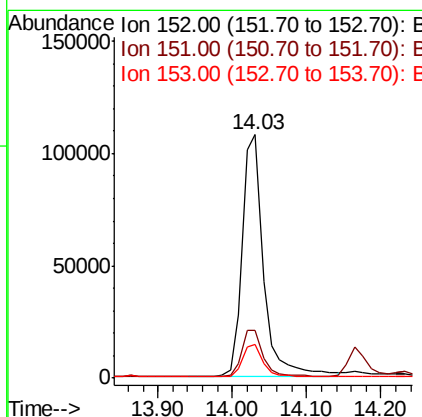
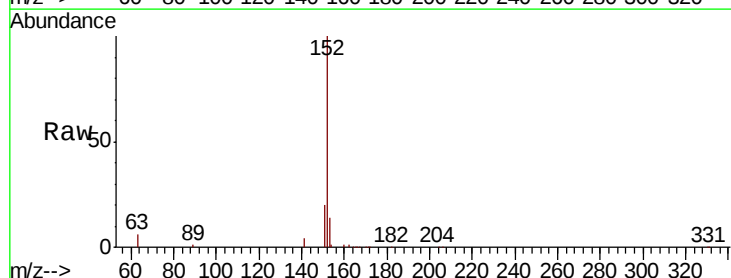
Instrument :
BNA_N
ClientSampleId :

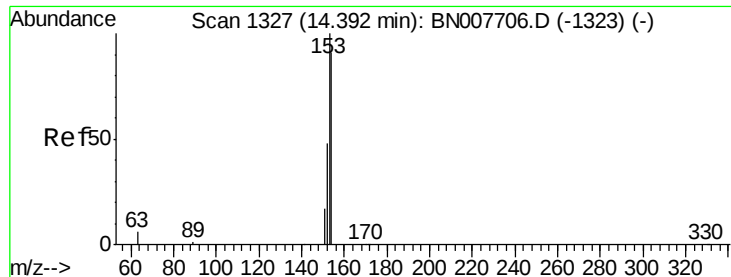
Tot Ion:172 Resp: 47982
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 22.4 19.5 29.3



#16
Acenaphthylene
Concen: 0.799 ng
RT: 14.03 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Tgt Ion:152 Resp: 215985
Ion Ratio Lower Upper
152 100
151 20.1 15.5 23.3
153 13.2 10.4 15.6





#17

Acenaphthene

Concen: 0.634 ng

RT: 14.37 min Scan# 1324

Delta R.T. -0.03 min

Lab File: BN008014.D

Acq: 04 Oct 2019 21:34

Instrument :

BNA_N

ClientSampled :

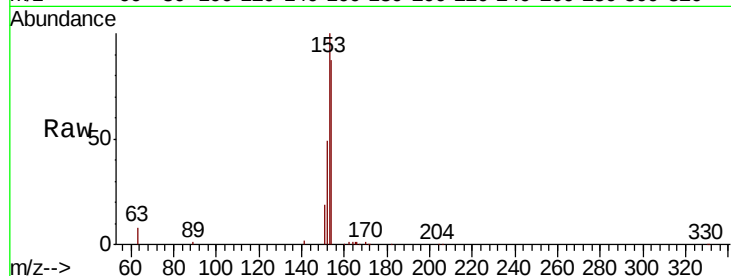
Tot Ion:154 Resp: 110478

Ion Ratio Lower Upper

154 100

153 113.0 87.0 130.4

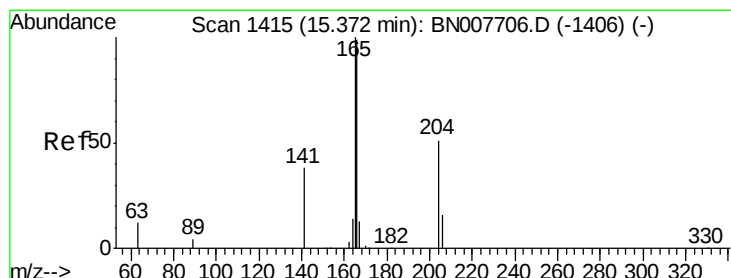
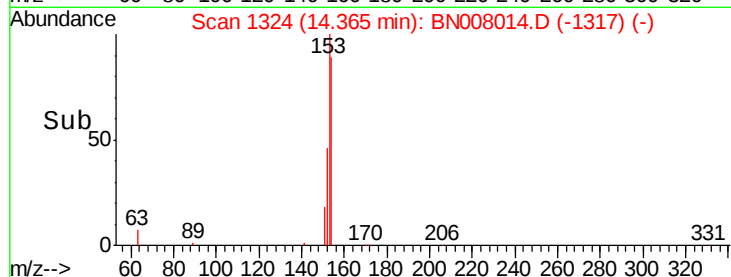
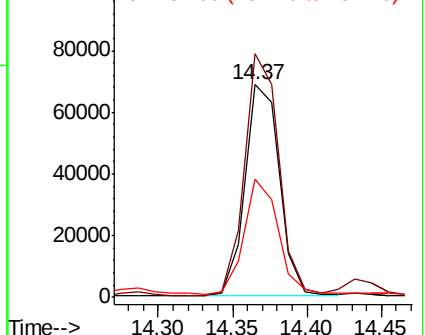
152 53.1 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.690 ng

RT: 15.36 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BN008014.D

Acq: 04 Oct 2019 21:34

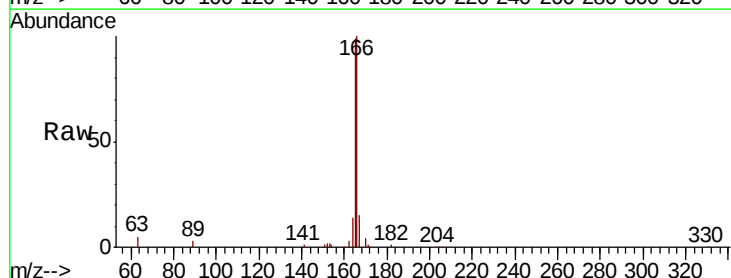
Tgt Ion:166 Resp: 154314

Ion Ratio Lower Upper

166 100

165 100.8 78.0 117.0

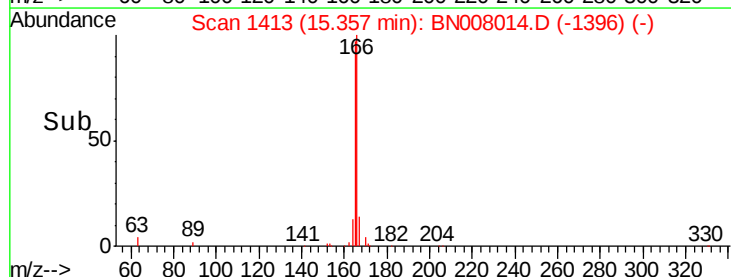
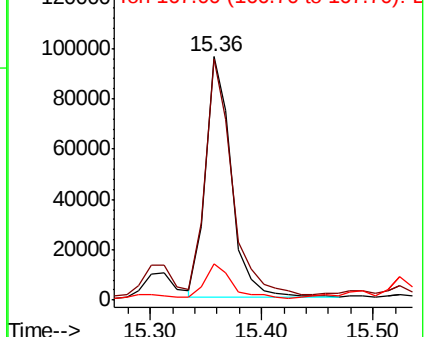
167 15.0 10.9 16.3

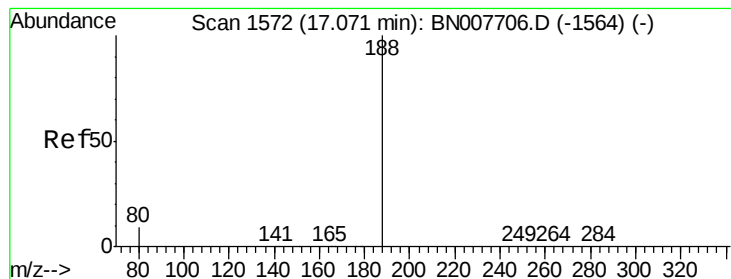


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BN008014.D

Acq: 04 Oct 2019 21:34

Instrument :

BNA_N

ClientSampleId :

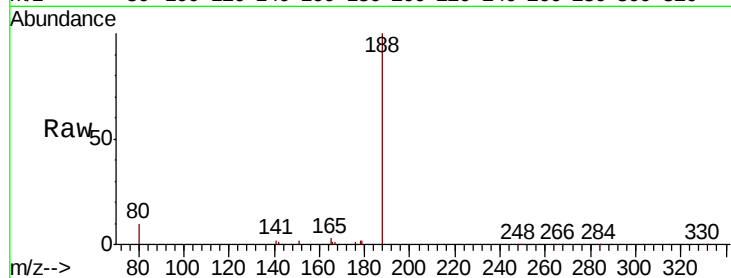
Tot Ion:188 Resp: 97817

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

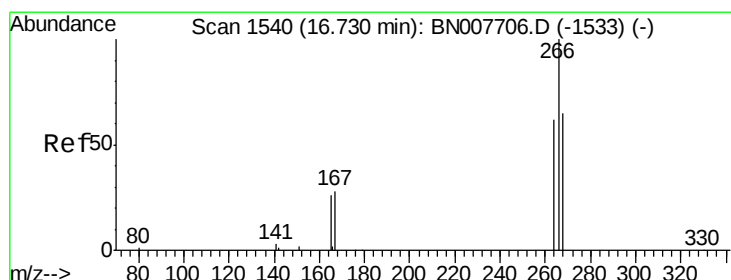
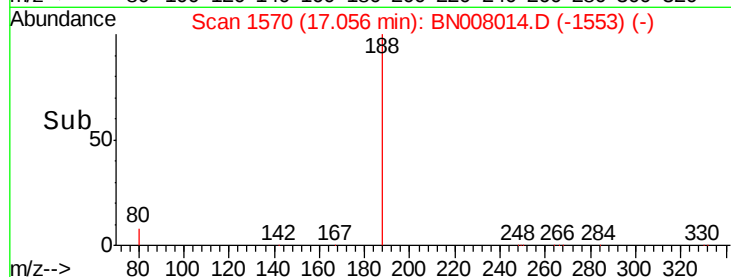
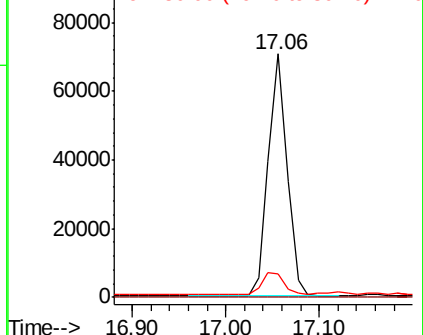
80 9.8 7.4 11.2



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



#22

Pentachlorophenol

Concen: 0.033 ng

RT: 16.72 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BN008014.D

Acq: 04 Oct 2019 21:34

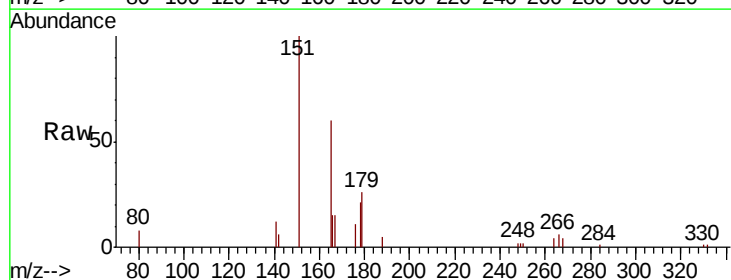
Tgt Ion:266 Resp: 791

Ion Ratio Lower Upper

266 100

264 73.7 50.0 75.0

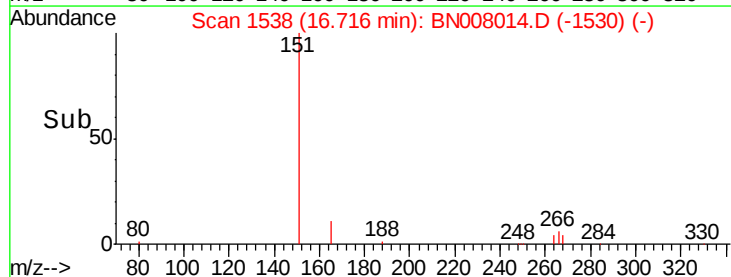
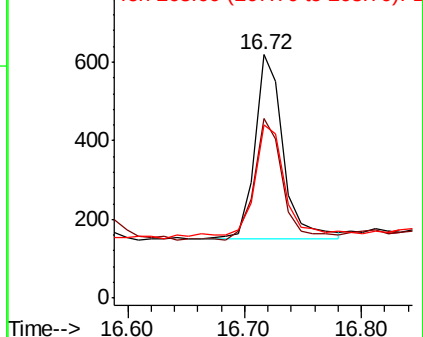
268 71.1 54.2 81.4

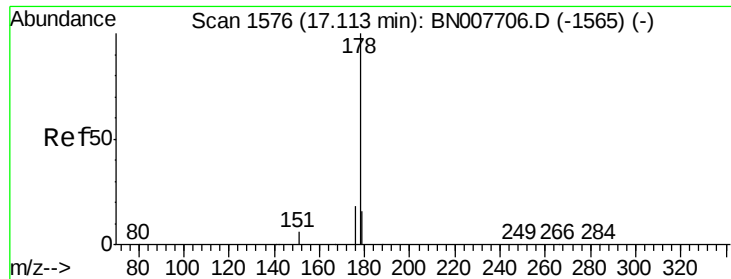


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 8.646 ng

RT: 17.10 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BN008014.D

Acq: 04 Oct 2019 21:34

Instrument :

BNA_N

ClientSampleId :

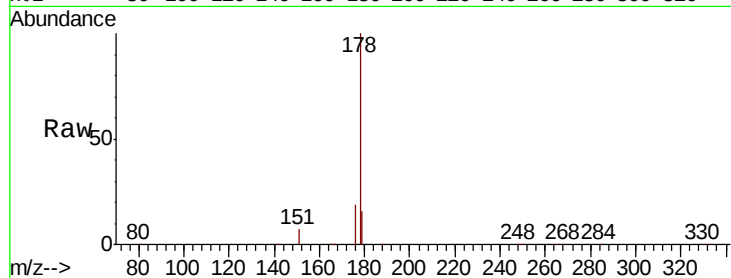
Tot Ion:178 Resp: 2634591

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.9	12.5	18.7

178 100

176 18.6 14.9 22.3

179 15.9 12.5 18.7

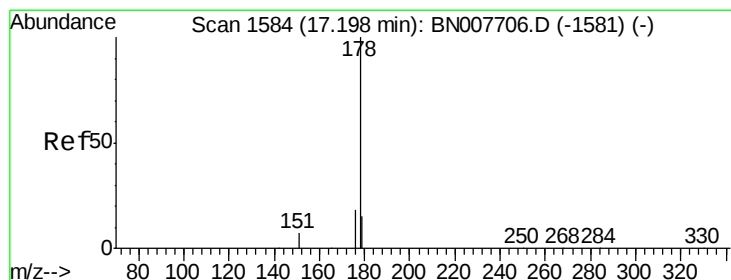
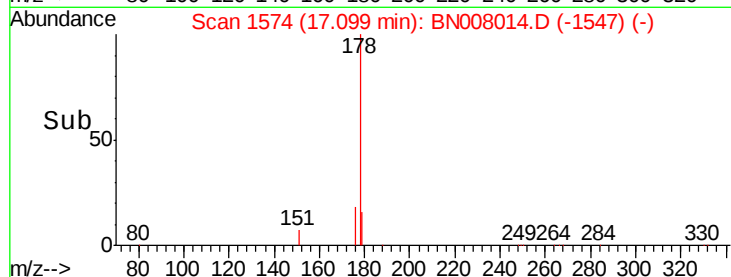
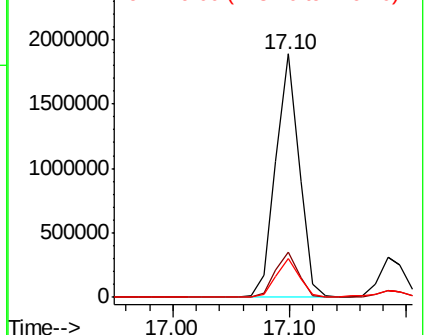


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 1.665 ng

RT: 17.18 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BN008014.D

Acq: 04 Oct 2019 21:34

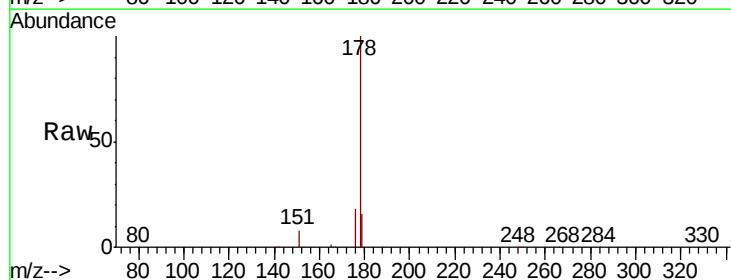
Tgt Ion:178 Resp: 458106

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	17.9	12.2	18.4

178 100

176 17.9 14.6 21.8

179 17.9 12.2 18.4

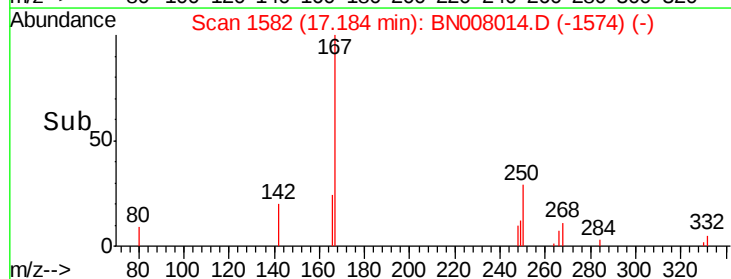
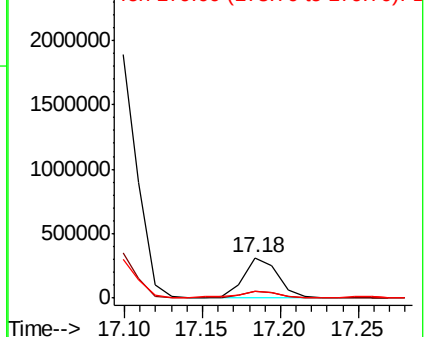


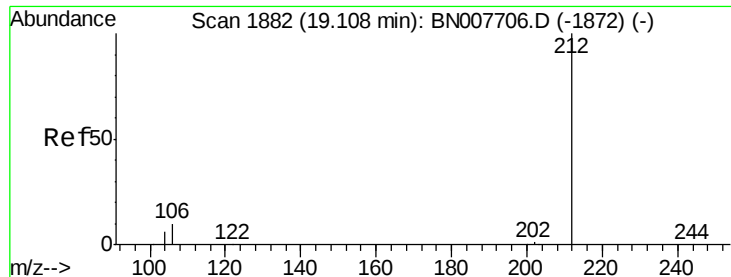
Abundance

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

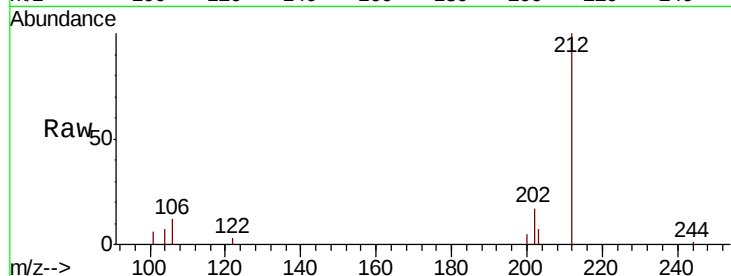




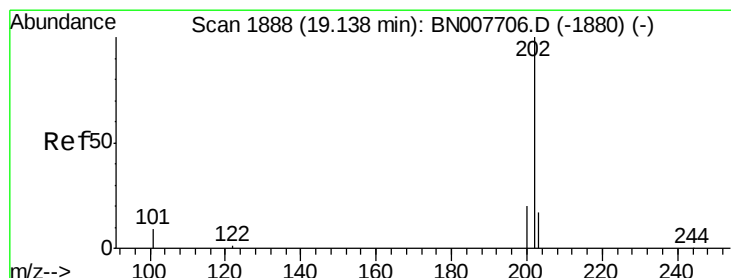
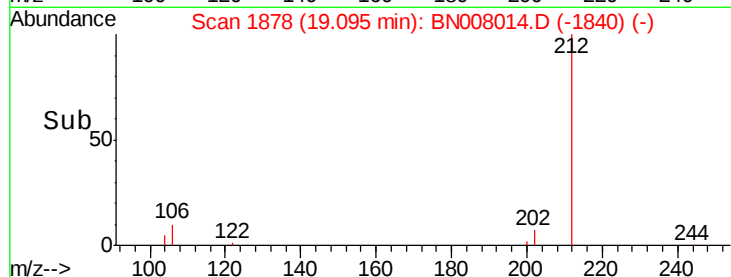
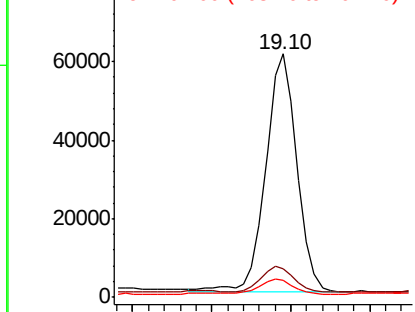
#25
 Fluoranthene-d10
 Concen: 0.251 ng
 RT: 19.10 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BN008014.D
 Acq: 04 Oct 2019 21:34

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:212 Resp: 82849
 Ion Ratio Lower Upper
 212 100
 106 10.6 9.4 14.0
 104 7.0 5.3 7.9

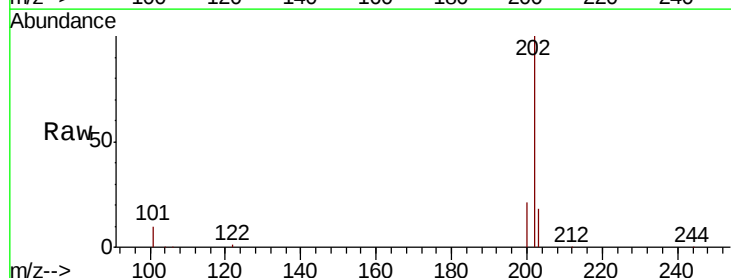


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

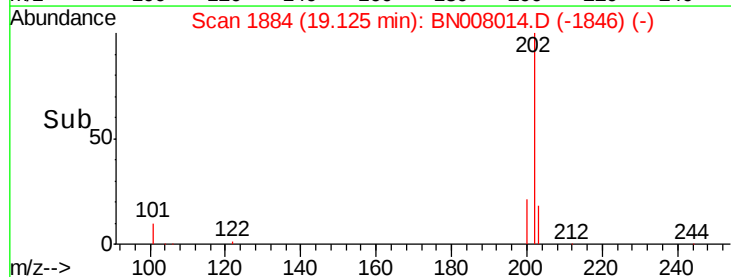
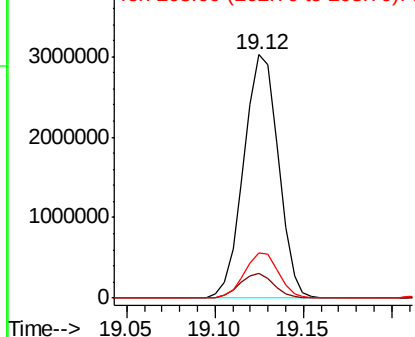


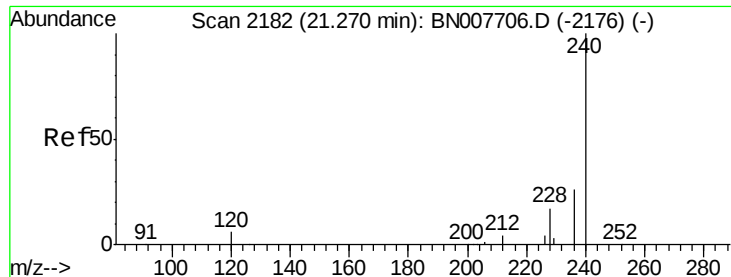
#26
 Fluoranthene
 Concen: 10.806 ng
 RT: 19.12 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BN008014.D
 Acq: 04 Oct 2019 21:34

Tgt Ion:202 Resp: 4094255
 Ion Ratio Lower Upper
 202 100
 101 10.1 8.4 12.6
 203 18.2 13.8 20.8



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: 21.26 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BN008014.D

Acq: 04 Oct 2019 21:34

Instrument :

BNA_N

ClientSampleId :

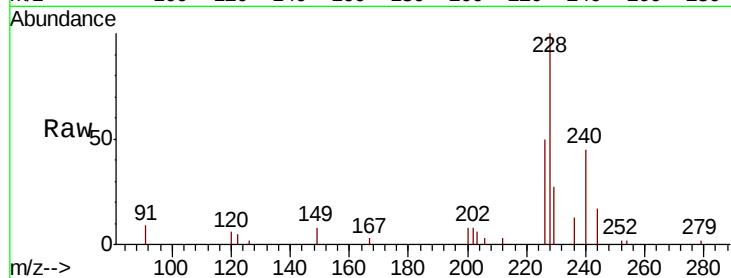
Tot Ion:240 Resp: 124096

Ion Ratio Lower Upper

240 100

120 13.3 5.4 8.2#

236 29.0 21.0 31.4

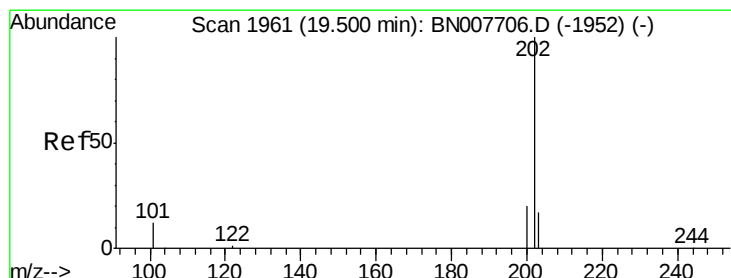
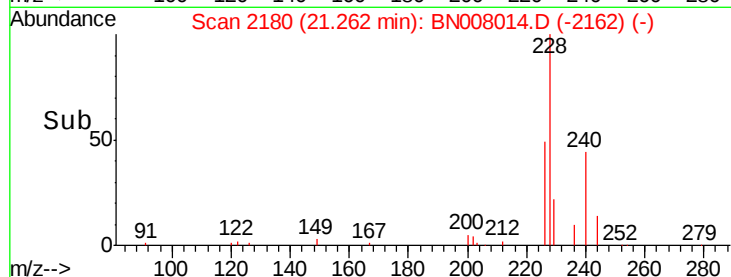
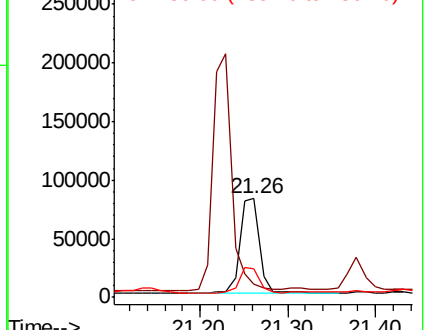


Abundance

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: 8.512 ng

RT: 19.49 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BN008014.D

Acq: 04 Oct 2019 21:34

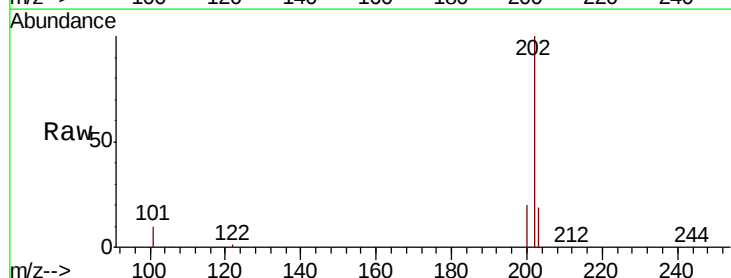
Tgt Ion:202 Resp: 3602704

Ion Ratio Lower Upper

202 100

200 20.7 16.4 24.6

203 22.1 14.1 21.1#

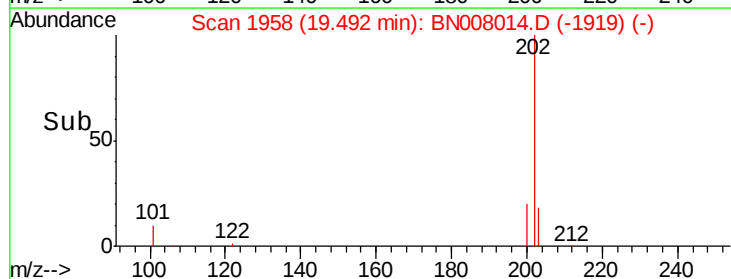
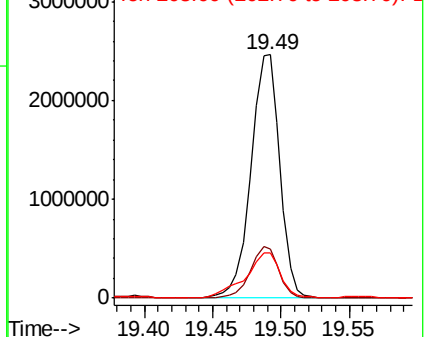


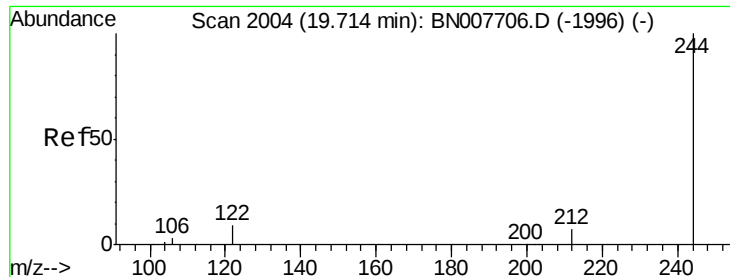
Abundance

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: 0.232 ng

RT: 19.70 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BN008014.D

Acq: 04 Oct 2019 21:34

Instrument :

BNA_N

ClientSampleId :

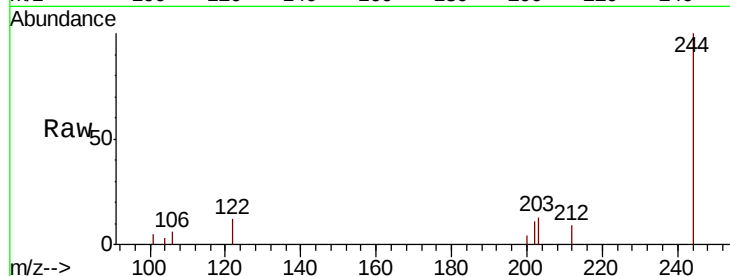
Tot Ion:244 Resp: 70861

Ion Ratio Lower Upper

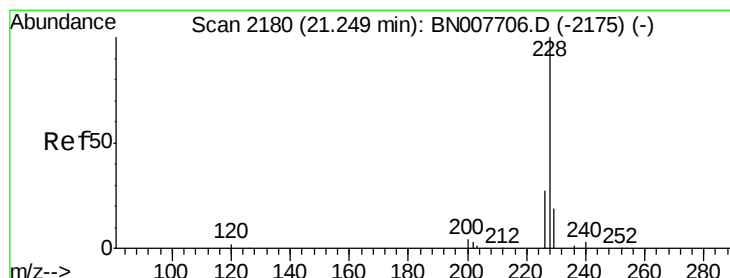
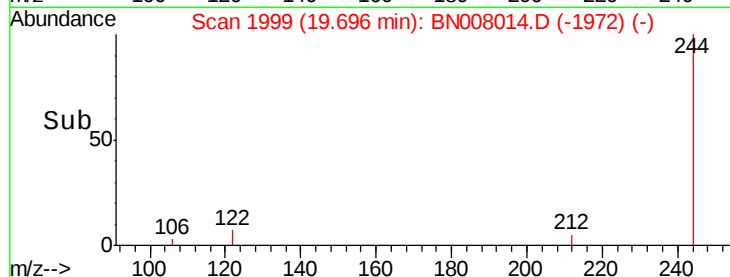
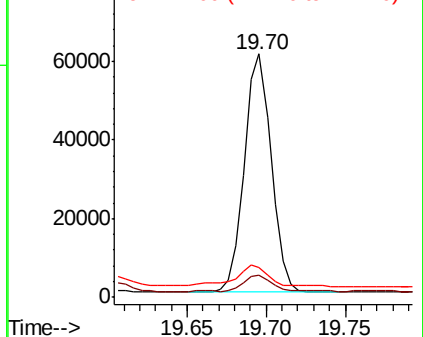
244 100

212 9.0 5.9 8.9#

122 12.3 7.4 11.2#



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: 3.919 ng

RT: 21.24 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BN008014.D

Acq: 04 Oct 2019 21:34

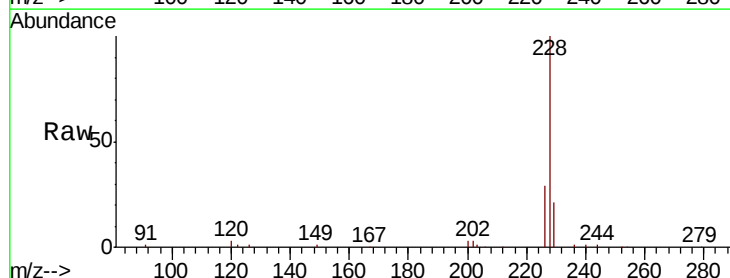
Tgt Ion:228 Resp: 1791042

Ion Ratio Lower Upper

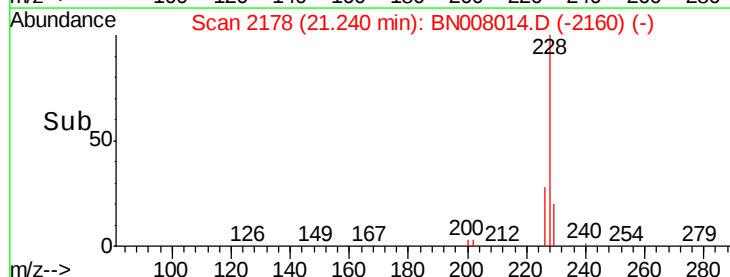
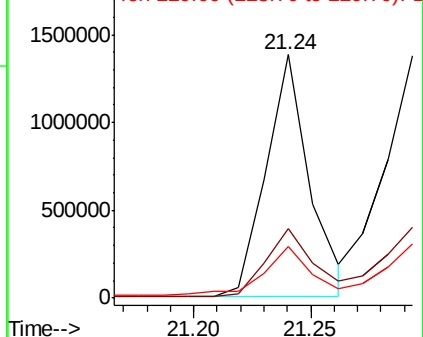
228 100

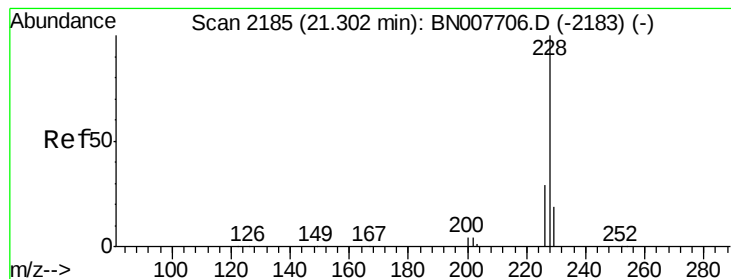
226 28.8 22.1 33.1

229 21.3 15.8 23.6



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: 4.245 ng

RT: 21.29 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BN008014.D

Acq: 04 Oct 2019 21:34

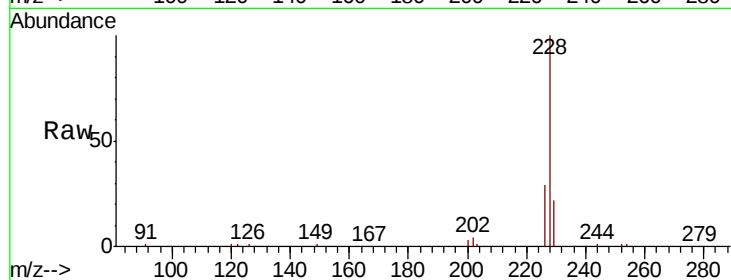
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 1890457

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.9	35.9
229	22.5	15.8	23.6

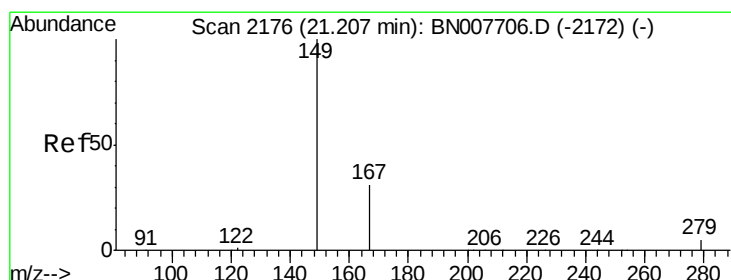
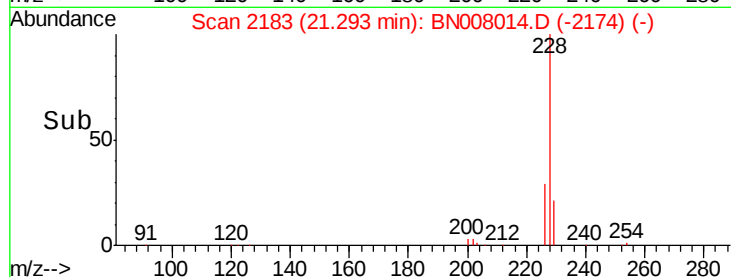
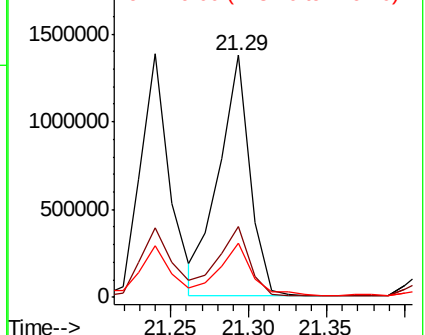


Abundance

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: 0.526 ng

RT: 21.18 min Scan# 2172

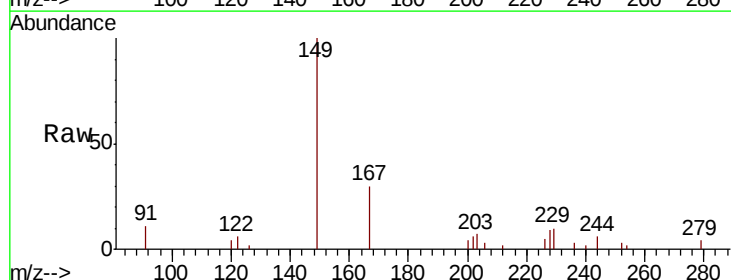
Delta R.T. -0.03 min

Lab File: BN008014.D

Acq: 04 Oct 2019 21:34

Tgt Ion:149 Resp: 123535

Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.7	35.5
279	6.2	4.2	6.2

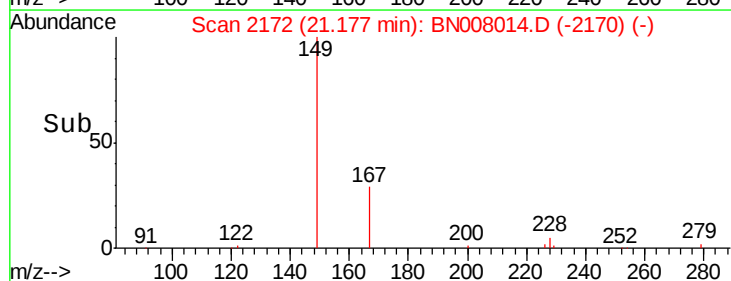
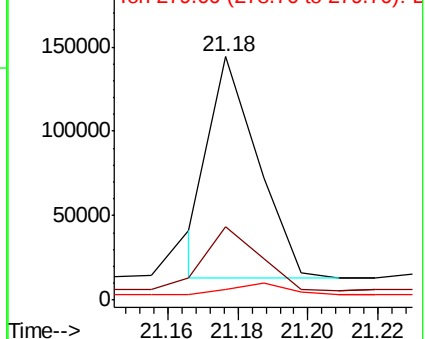


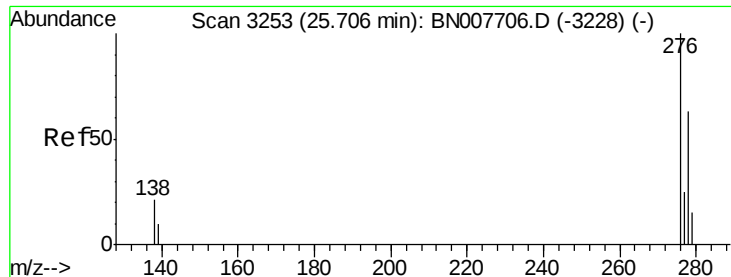
Abundance

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

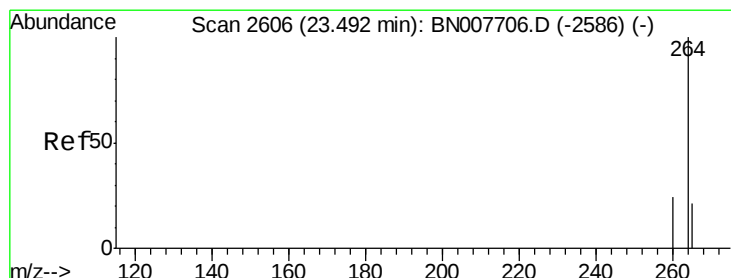
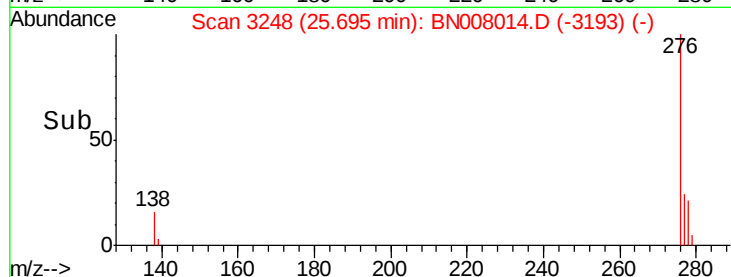
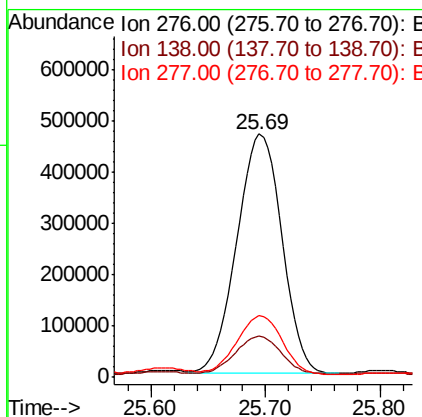
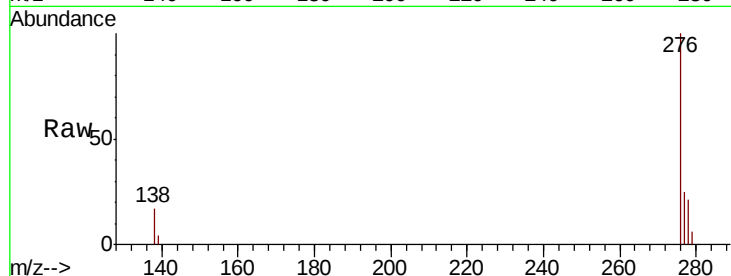




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 2.292 ng
 RT: 25.69 min Scan# 3248
 Delta R.T. -0.01 min
 Lab File: BN008014.D
 Acq: 04 Oct 2019 21:34

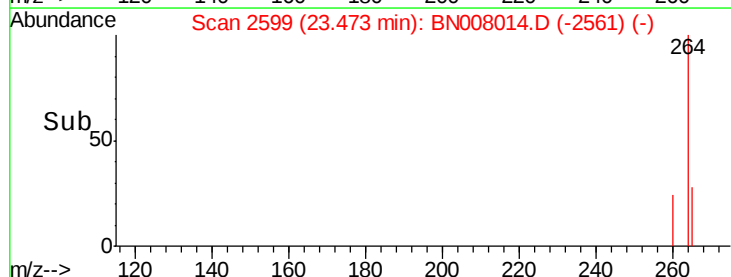
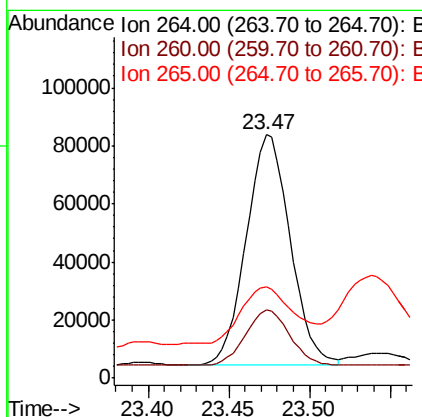
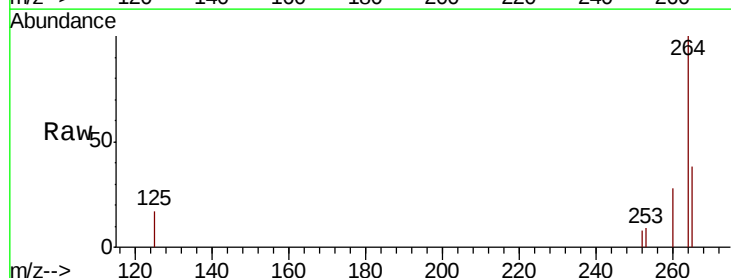
Instrument :
 BNA_N
 ClientSampleId :

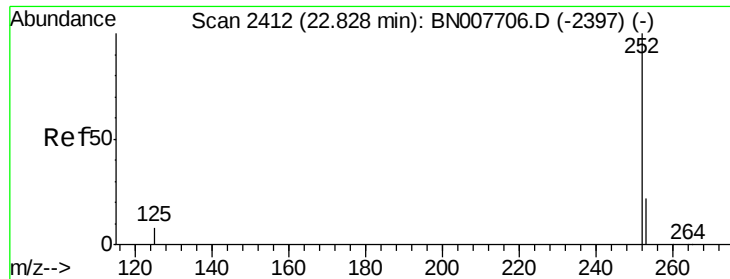
Tot Ion:276 Resp: 1278132
 Ion Ratio Lower Upper
 276 100
 138 16.2 17.1 25.7#
 277 24.7 20.0 30.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.47 min Scan# 2599
 Delta R.T. -0.02 min
 Lab File: BN008014.D
 Acq: 04 Oct 2019 21:34

Tgt Ion:264 Resp: 149343
 Ion Ratio Lower Upper
 264 100
 260 28.0 19.3 28.9
 265 37.6 26.9 40.3

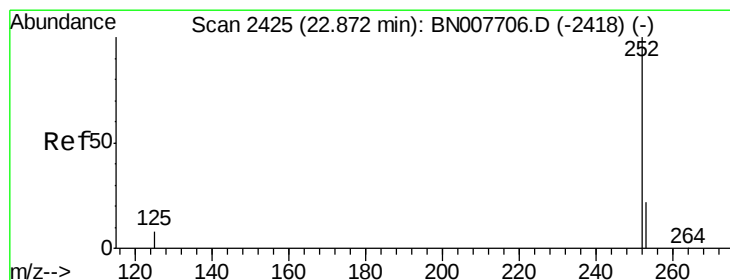
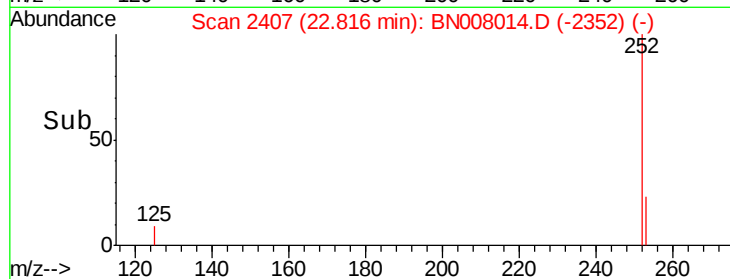
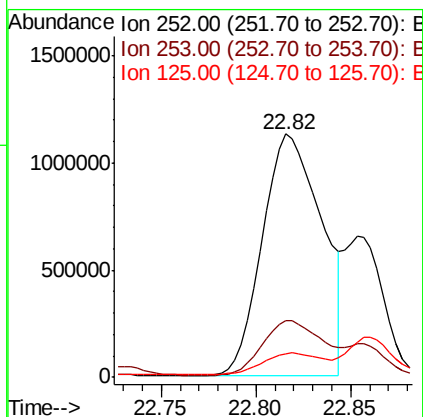
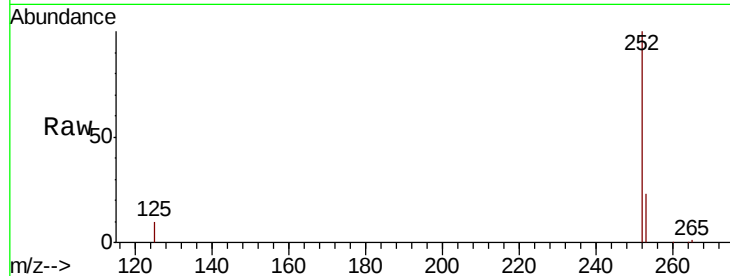




#35
Benzo(b)fluoranthene
Concen: 4.750 ng
RT: 22.82 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

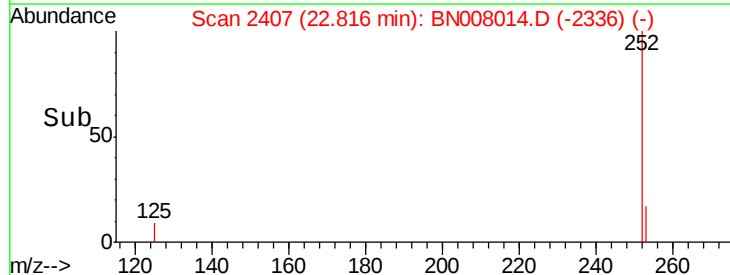
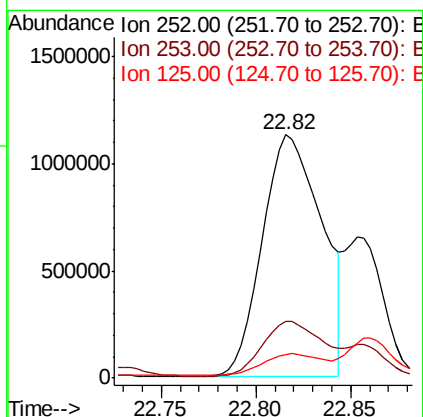
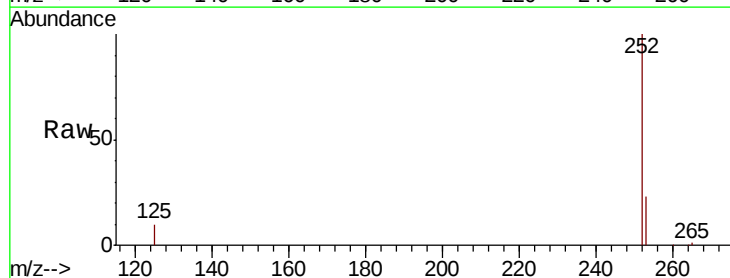
Instrument :
BNA_N
ClientSampleId :

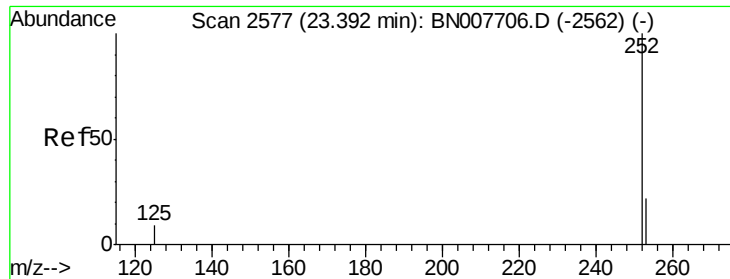
Tot Ion:252 Resp: 2462552
Ion Ratio Lower Upper
252 100
253 23.3 18.3 27.5
125 9.9 8.2 12.4



#36
Benzo(k)fluoranthene
Concen: 4.803 ng
RT: 22.82 min Scan# 2407
Delta R.T. -0.06 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Tgt Ion:252 Resp: 2462552
Ion Ratio Lower Upper
252 100
253 23.3 18.5 27.7
125 9.9 8.4 12.6





#37

Benzo(a)pyrene

Concen: 3.448 ng

RT: 23.38 min Scan# 2572

Delta R.T. -0.01 min

Lab File: BN008014.D

Acq: 04 Oct 2019 21:34

Instrument :

BNA_N

ClientSampleId :

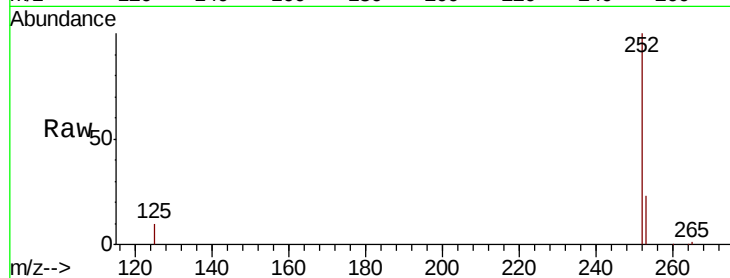
Tot Ion:252 Resp: 1679770

Ion Ratio Lower Upper

252 100

253 23.1 18.6 27.8

125 10.3 9.4 14.0

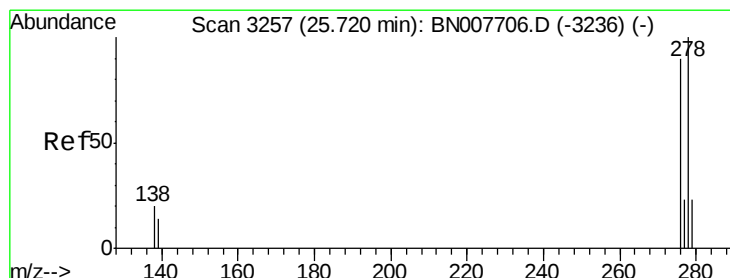
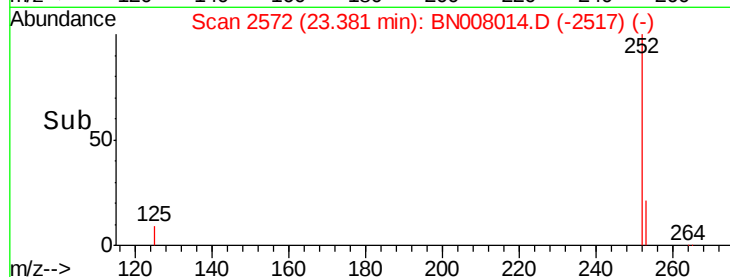
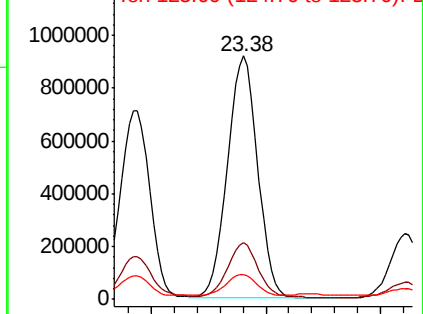


Abundance

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



#38

Dibenzo(a,h)anthracene

Concen: 0.611 ng

RT: 25.70 min Scan# 3249

Delta R.T. -0.02 min

Lab File: BN008014.D

Acq: 04 Oct 2019 21:34

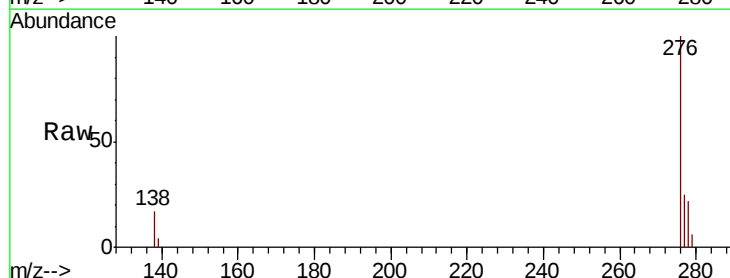
Tgt Ion:278 Resp: 304833

Ion Ratio Lower Upper

278 100

139 18.2 11.8 17.6#

279 27.7 19.4 29.2

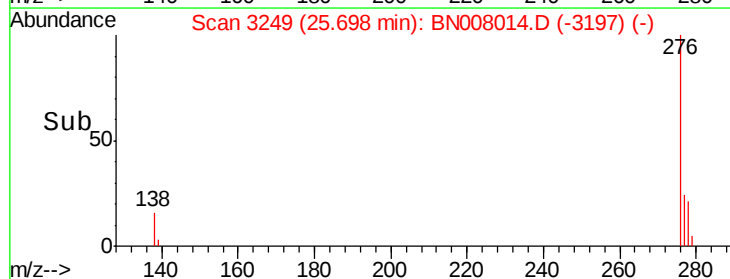
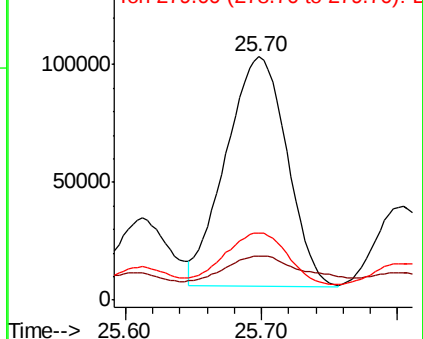


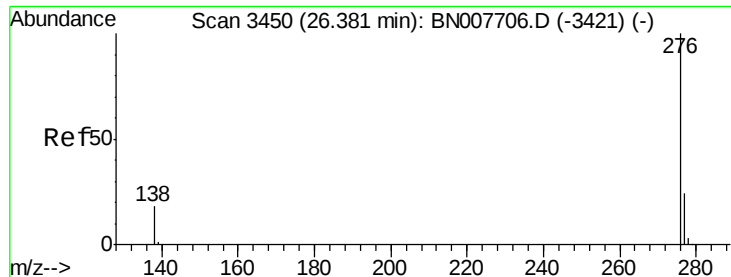
Abundance

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: 2.547 ng

RT: 26.38 min Scan# 3447

Delta R.T. -0.00 min

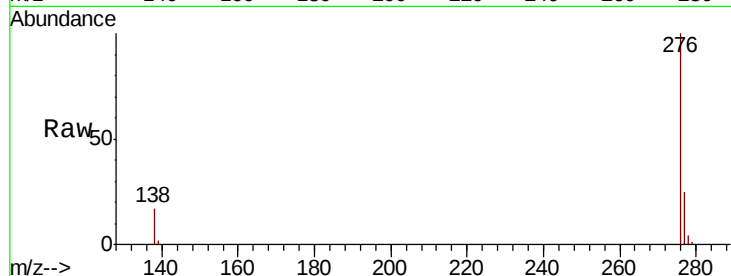
Lab File: BN008014.D

Acq: 04 Oct 2019 21:34

Instrument :

BNA_N

ClientSampleId :



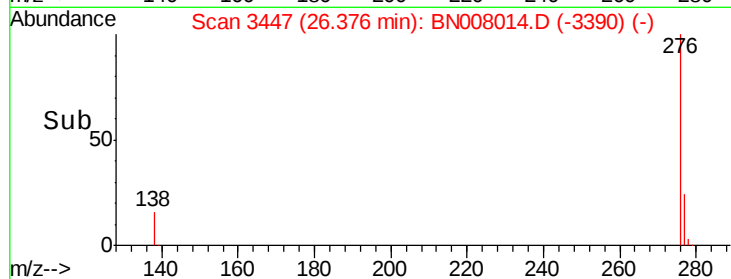
Tot Ion: 276 Resp: 1256652

Ion Ratio Lower Upper

276 100

277 24.8 19.8 29.8

138 17.1 15.1 22.7



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

