

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
 Data File : BN008006.D
 Acq On : 04 Oct 2019 16:47
 Operator : JU
 Sample : PB123468BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 05 01:24:36 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	7.68	152	4252	0.40	ng	-0.02
7) Naphthalene-d8	10.44	136	16895	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	10368	0.40	ng	-0.03
19) Phenanthrene-d10	17.05	188	21456	0.40	ng	-0.03
27) Chrysene-d12	21.25	240	23410	0.40	ng	-0.02
34) Perylene-d12	23.46	264	25793	0.40	ng	-0.04

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	5114	0.35	ng	-0.02
5) Phenol-d6	6.86	99	6409	0.35	ng	0.00
8) Nitrobenzene-d5	8.82	82	5664	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	11771	0.41	ng	-0.03
14) 2,4,6-Tribromophenol	15.80	330	1825	0.32	ng	-0.02
15) 2-Fluorobiphenyl	12.93	172	16407	0.38	ng	-0.02
25) Fluoranthene-d10	19.09	212	29176	0.40	ng	-0.02
29) Terphenyl-d14	19.69	244	24324	0.42	ng	-0.02

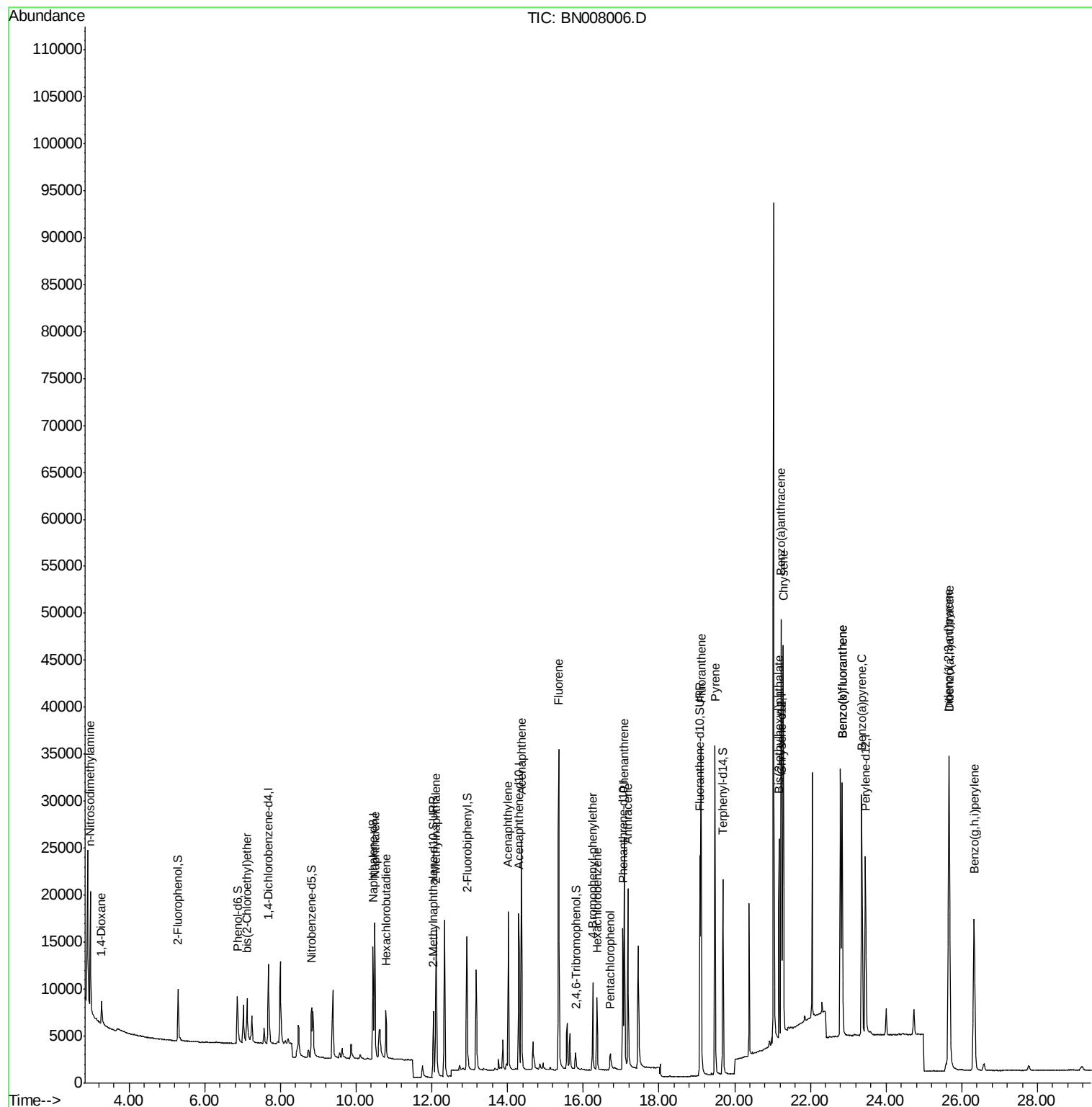
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	1605	0.339	ng	# 89
3) n-Nitrosodimethylamine	2.97	42	1454	0.670	ng	# 95
6) bis(2-Chloroethyl)ether	7.11	93	5181	0.430	ng	92
9) Naphthalene	10.49	128	19495	0.411	ng	99
10) Hexachlorobutadiene	10.79	225	4420	0.443	ng	# 99
12) 2-Methylnaphthalene	12.11	142	13221	0.413	ng	99
16) Acenaphthylene	14.02	152	20352	0.370	ng	100
17) Acenaphthene	14.36	154	12989	0.366	ng	97
18) Fluorene	15.36	166	16566	0.365	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	5333	0.409	ng	96
21) Hexachlorobenzene	16.37	284	6269	0.440	ng	97
22) Pentachlorophenol	16.72	266	1744	0.332	ng	98
23) Phenanthrene	17.09	178	26922	0.403	ng	99
24) Anthracene	17.18	178	24547	0.407	ng	100
26) Fluoranthene	19.11	202	33074	0.398	ng	99
28) Pyrene	19.48	202	34281	0.429	ng	100
30) Benzo(a)anthracene	21.23	228	35348	0.410	ng	99
31) Chrysene	21.28	228	34029	0.405	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	18310	0.413	ng	100
33) Indeno(1,2,3-cd)pyrene	25.66	276	41901	0.398	ng	98
35) Benzo(b)fluoranthene	22.84	252	35608	0.398	ng	97
36) Benzo(k)fluoranthene	22.84	252	35608	0.402	ng	97
37) Benzo(a)pyrene	23.36	252	34378	0.409	ng	# 89
38) Dibenzo(a,h)anthracene	25.67	278	34256	0.398	ng	98
39) Benzo(g,h,i)perylene	26.33	276	34553	0.406	ng	99

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

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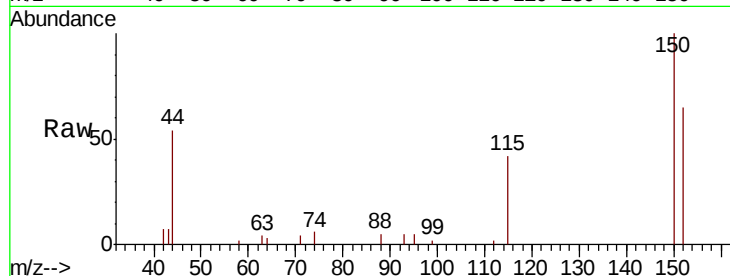


#1

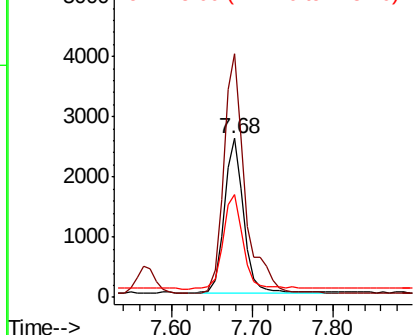
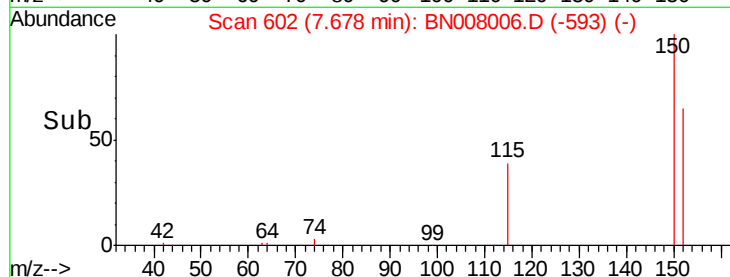
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 602
Delta R.T. -0.02 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4252
Ion Ratio Lower Upper
152 100
150 153.1 125.6 188.4
115 64.9 53.3 79.9



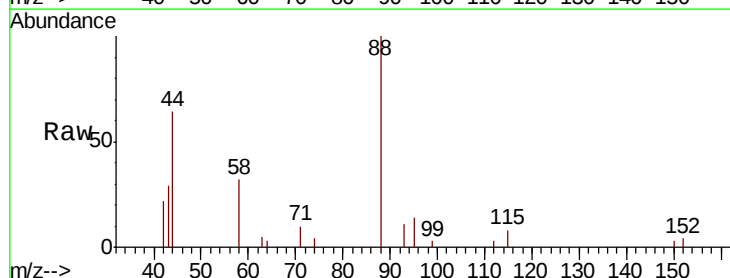
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



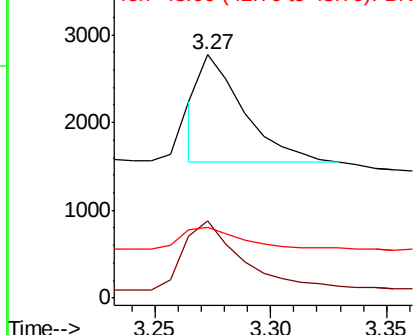
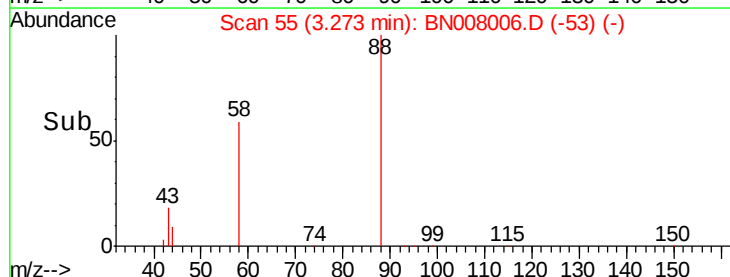
#2

1,4-Dioxane
Concen: 0.339 ng
RT: 3.27 min Scan# 55
Delta R.T. -0.03 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion: 88 Resp: 1605
Ion Ratio Lower Upper
88 100
58 54.3 44.6 66.8
43 0.0 14.4 21.6#



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



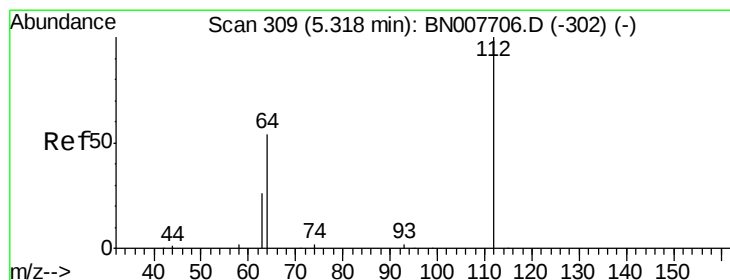
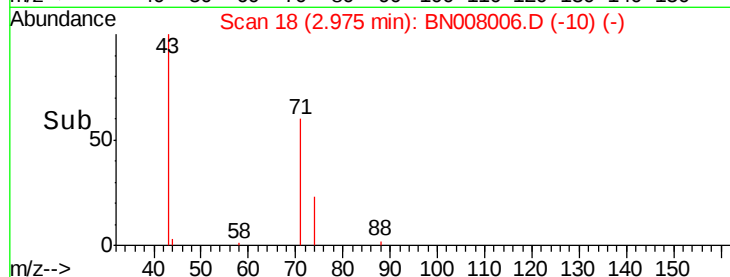
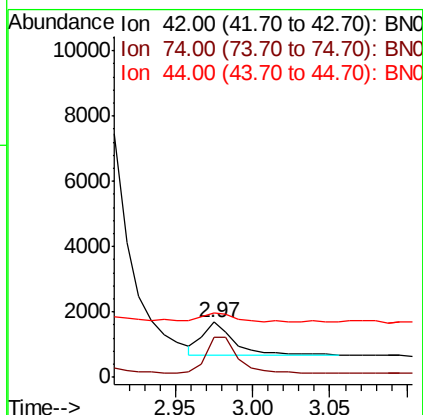
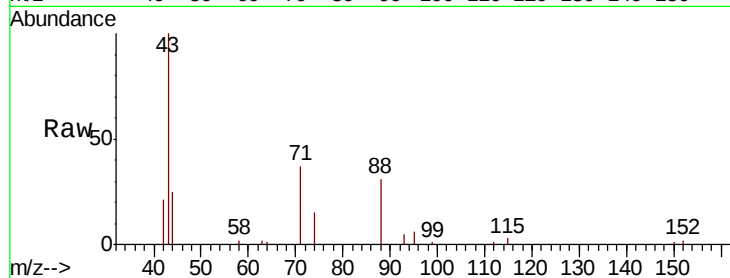


#3

n-Nitrosodimethylamine
 Concen: 0.670 ng
 RT: 2.97 min Scan# 18
 Delta R.T. -0.03 min
 Lab File: BN008006.D
 Acq: 04 Oct 2019 16:47

Instrument :
 BNA_N
 ClientSampleId :

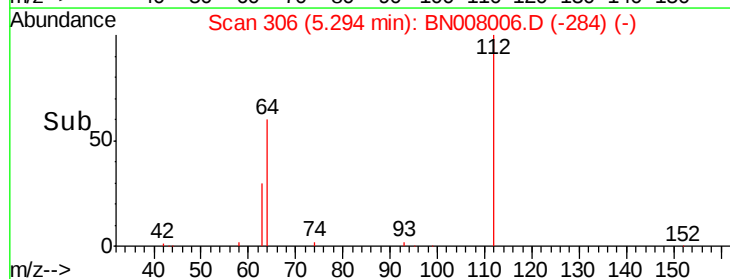
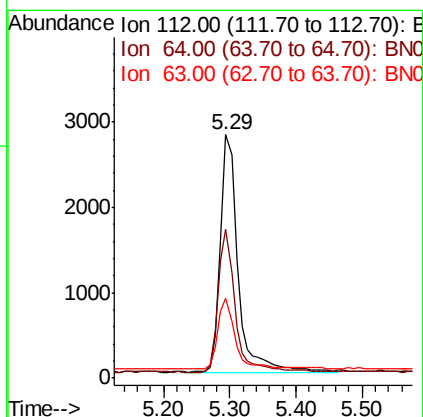
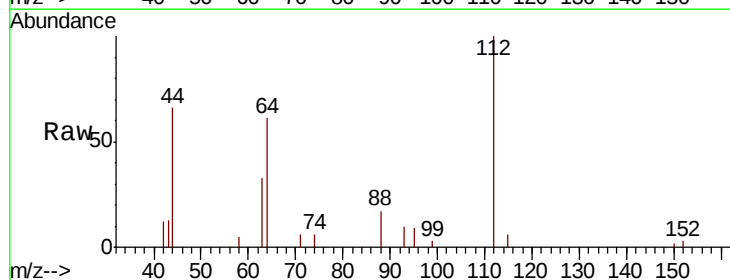
Tot Ion	42	Resp	1454
Ion	Ratio	Lower	Upper
42	100		
74	109.8	87.9	131.9
44	25.7	29.4	44.0#



#4

2-Fluorophenol
 Concen: 0.349 ng
 RT: 5.29 min Scan# 306
 Delta R.T. -0.02 min
 Lab File: BN008006.D
 Acq: 04 Oct 2019 16:47

Tgt Ion	112	Resp	5114
Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.6	70.0
63	29.3	23.1	34.7





#5

Phenol-d6

Concen: 0.351 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

Instrument :

BNA_N

ClientSampleId :

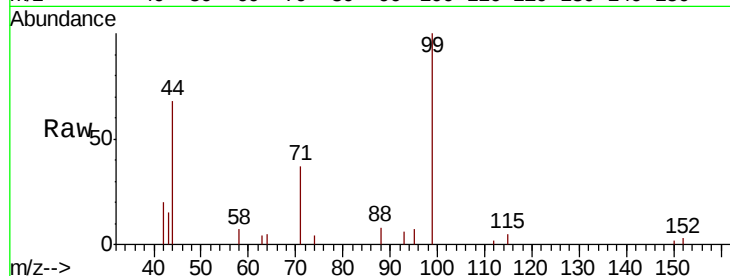
Tot Ion: 99 Resp: 6409

Ion Ratio Lower Upper

99 100

42 14.5 12.8 19.2

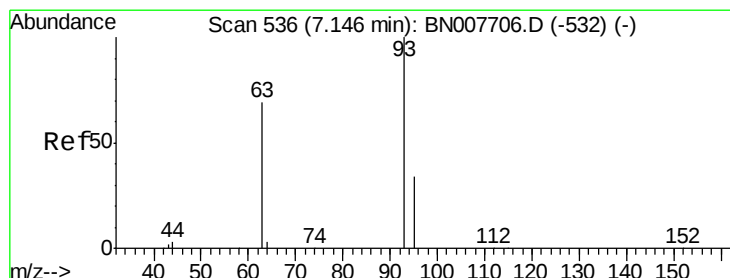
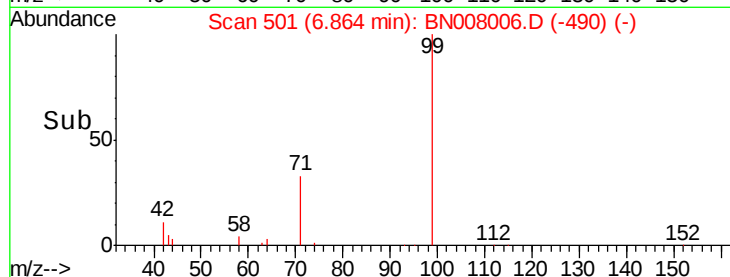
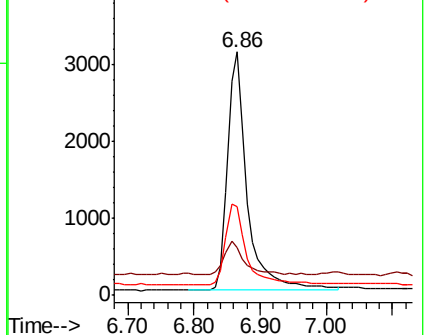
71 35.7 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007706.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BN007706.D (-493) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.430 ng

RT: 7.11 min Scan# 532

Delta R.T. -0.03 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

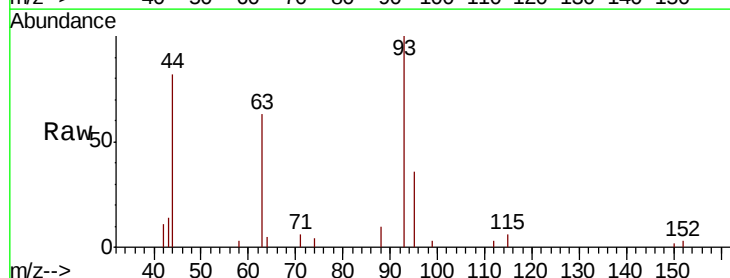
Tgt Ion: 93 Resp: 5181

Ion Ratio Lower Upper

93 100

63 68.4 59.3 88.9

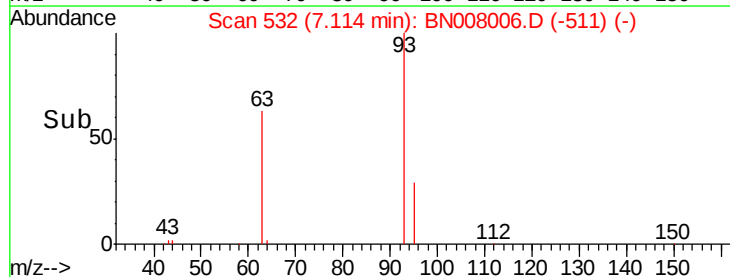
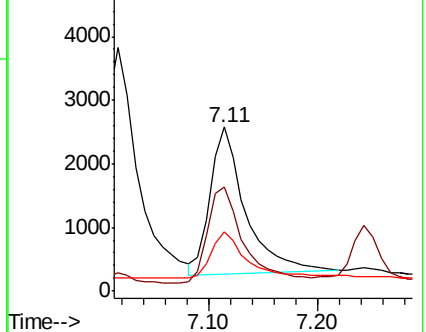
95 32.3 31.4 47.0



Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-532) (-)

Ion 95.00 (94.70 to 95.70): BN007706.D (-532) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 849

Delta R.T. -0.03 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 16895

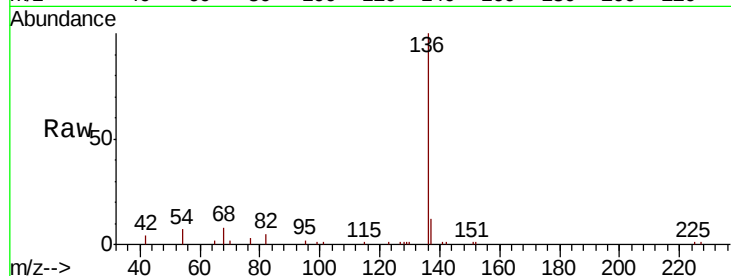
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 6.8 5.8 8.8

68 7.6 6.5 9.7

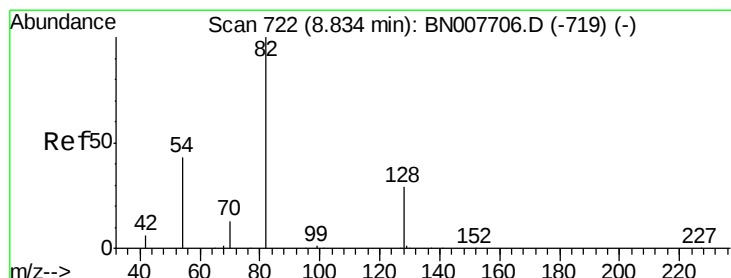
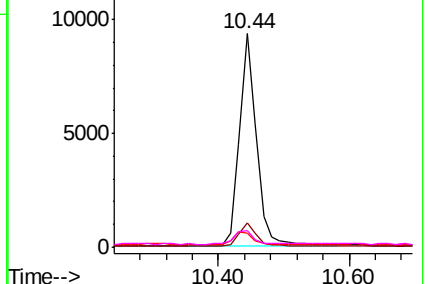
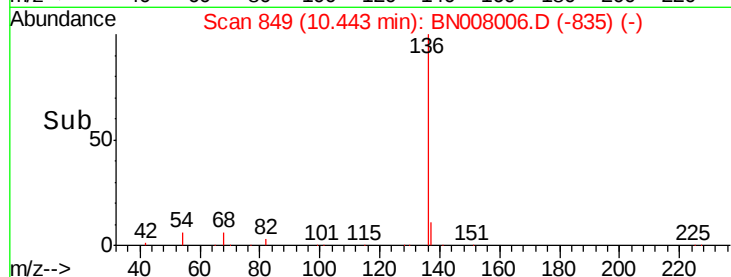


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.383 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

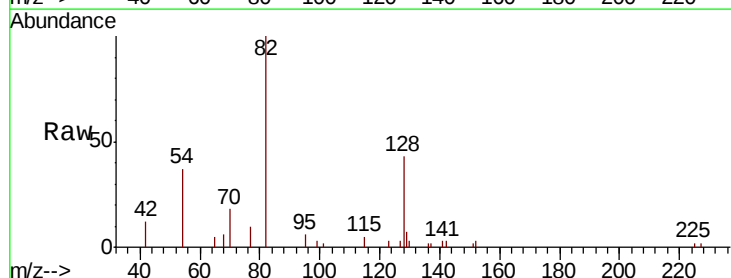
Tgt Ion: 82 Resp: 5664

Ion Ratio Lower Upper

82 100

128 43.5 24.5 36.7#

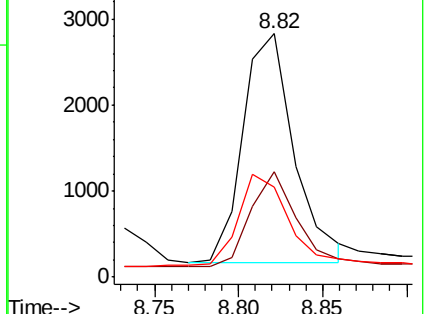
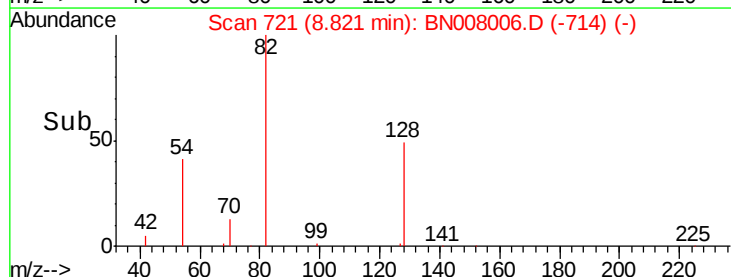
54 37.0 35.2 52.8

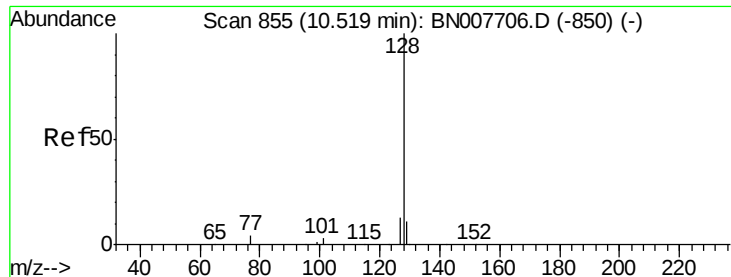


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.411 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

Instrument :

BNA_N

ClientSampled :

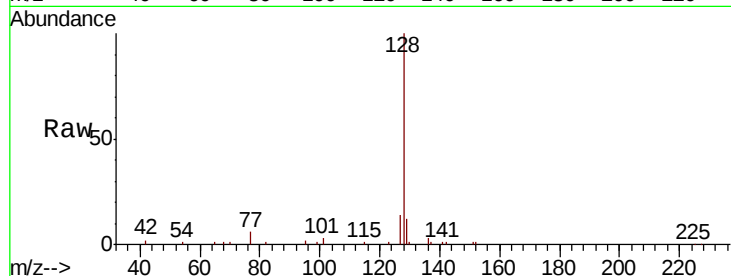
Tot Ion:128 Resp: 19495

Ion Ratio Lower Upper

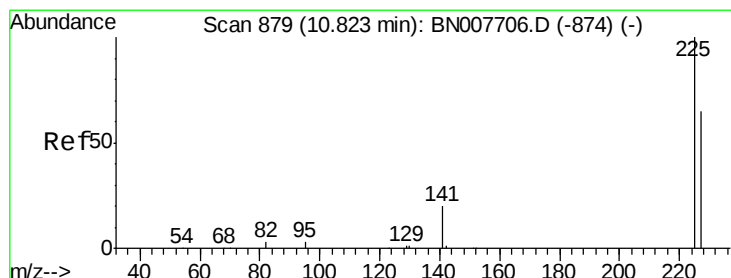
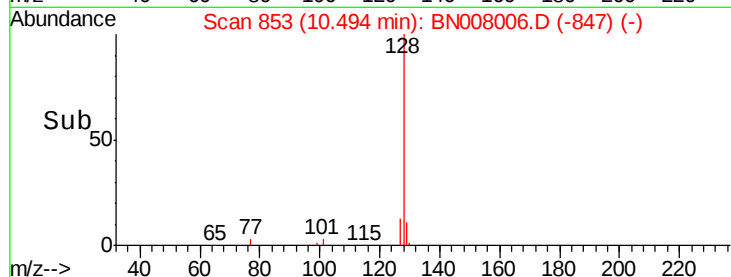
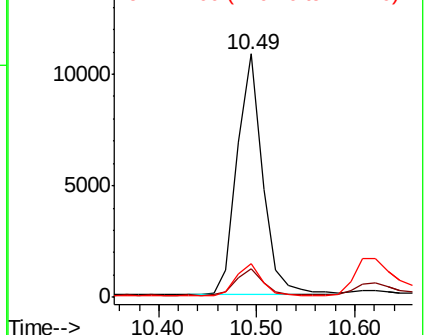
128 100

129 11.7 9.1 13.7

127 13.6 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



#10

Hexachlorobutadiene

Concen: 0.443 ng

RT: 10.79 min Scan# 876

Delta R.T. -0.04 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

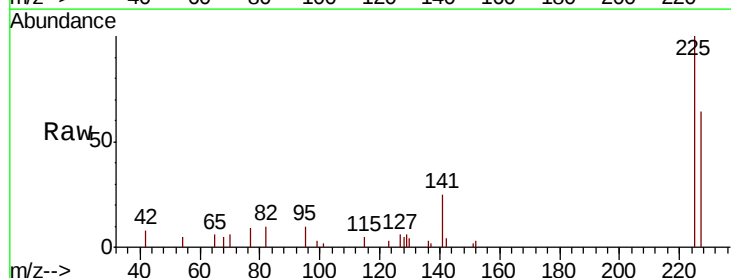
Tgt Ion:225 Resp: 4420

Ion Ratio Lower Upper

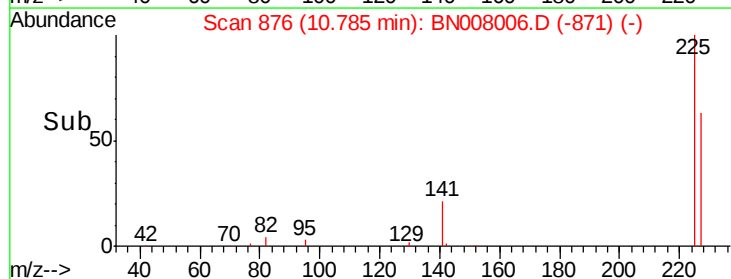
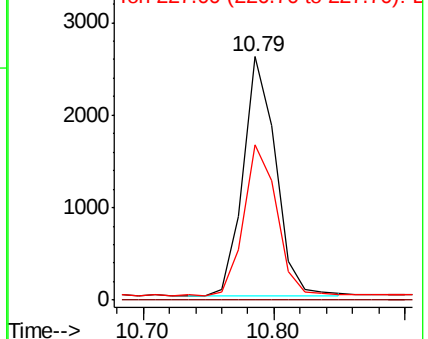
225 100

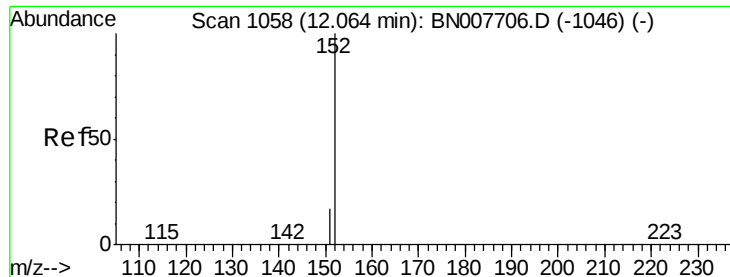
223 0.0 0.0 0.0

227 64.5 51.2 76.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

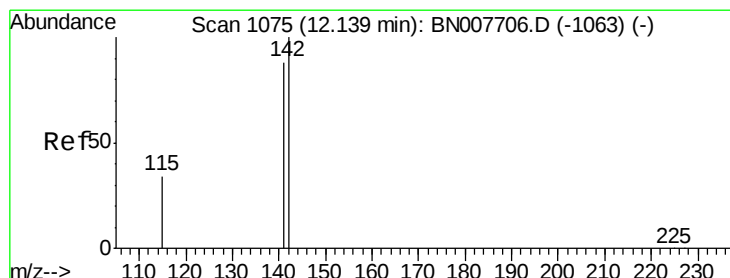
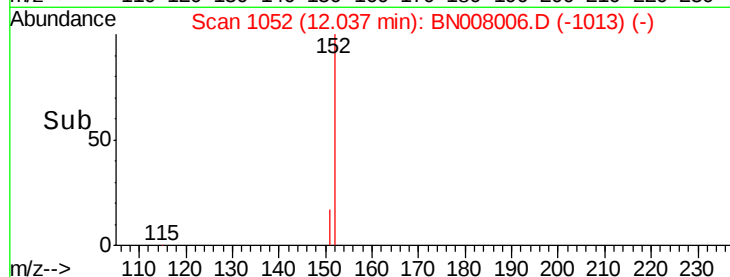
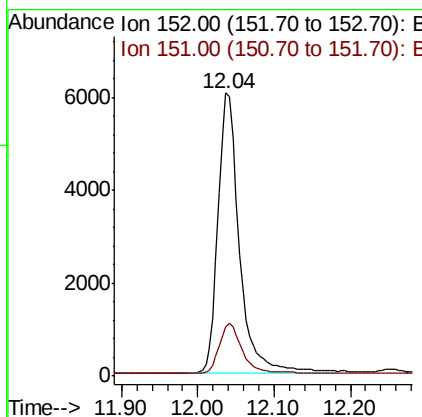
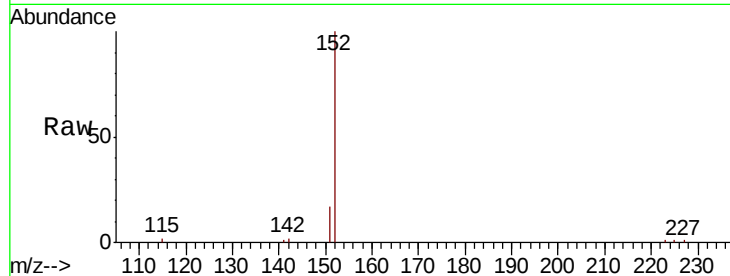




#11
 2-Methylnaphthalene-d10
 Concen: 0.414 ng
 RT: 12.04 min Scan# 1052
 Delta R.T. -0.03 min
 Lab File: BN008006.D
 Acq: 04 Oct 2019 16:47

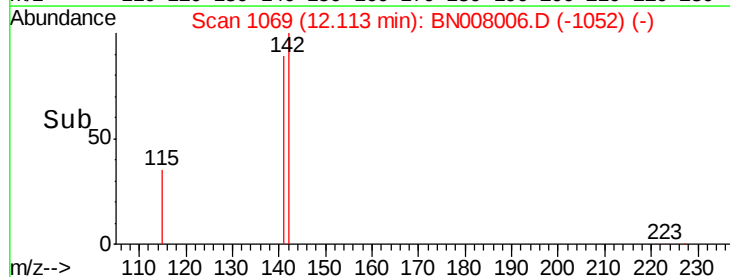
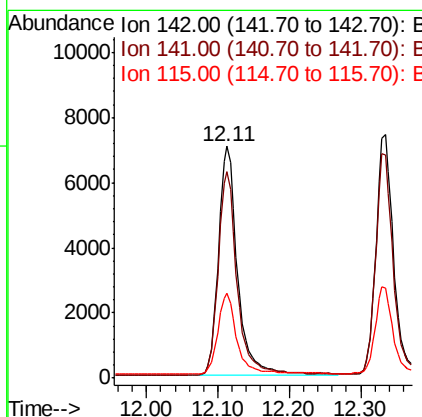
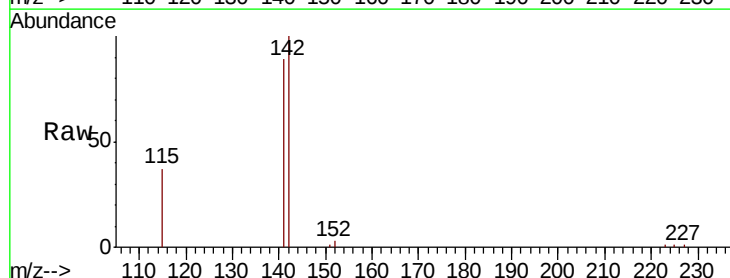
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:152 Resp: 11771
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.413 ng
 RT: 12.11 min Scan# 1069
 Delta R.T. -0.03 min
 Lab File: BN008006.D
 Acq: 04 Oct 2019 16:47

Tgt Ion:142 Resp: 13221
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.6 106.0
 115 36.6 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 1318

Delta R.T. -0.03 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

Instrument :

BNA_N

ClientSampleId :

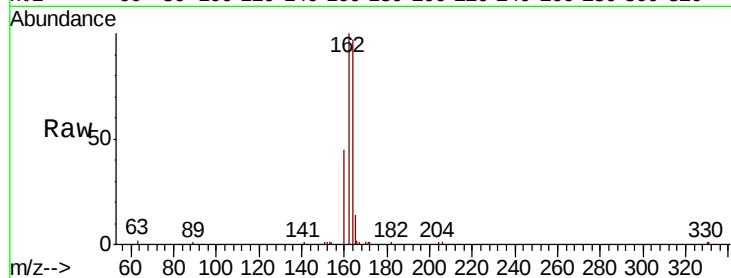
Tot Ion:164 Resp: 10368

Ion Ratio Lower Upper

164 100

162 103.1 81.7 122.5

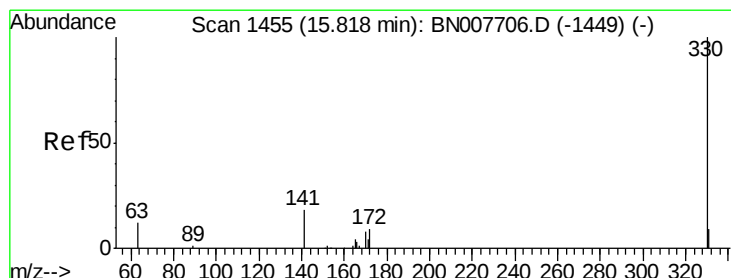
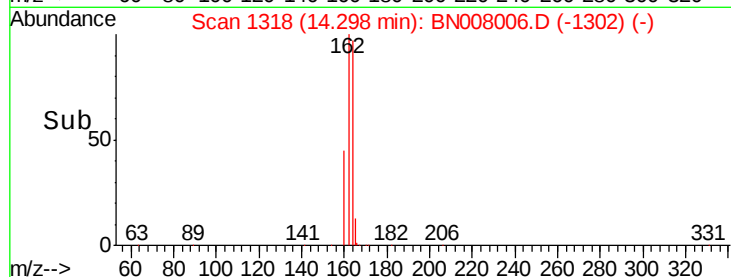
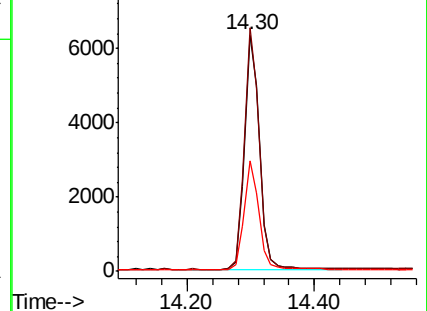
160 46.6 37.0 55.4



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: 0.323 ng

RT: 15.80 min Scan# 1453

Delta R.T. -0.02 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

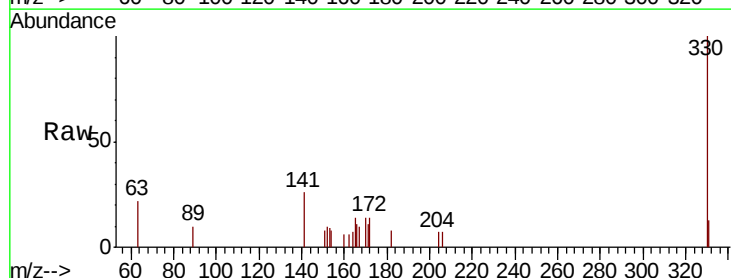
Tgt Ion:330 Resp: 1825

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

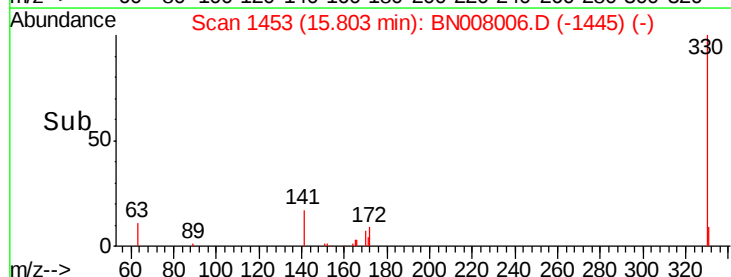
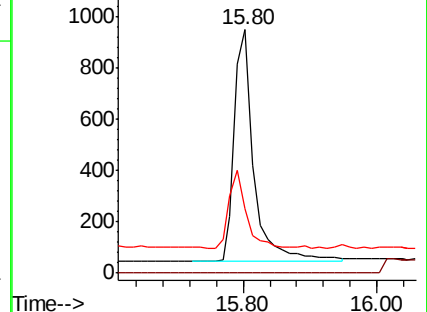
141 29.6 28.7 43.1



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

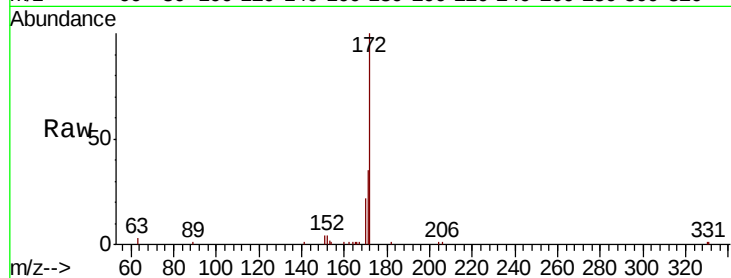




#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 12.93 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.8	43.2
170	22.0	19.5	29.3

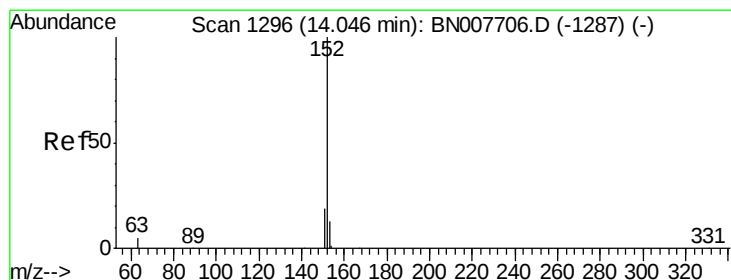
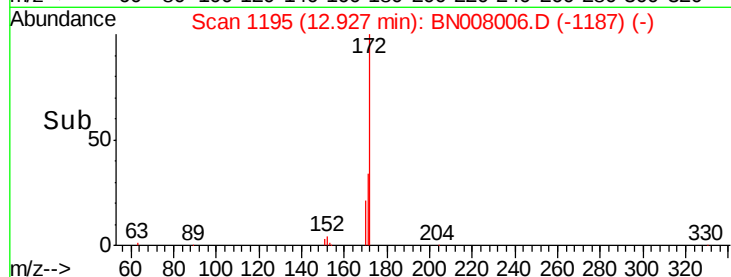
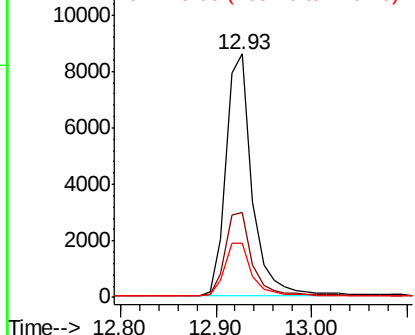


Abundance

Ion 172.00 (171.70 to 172.70): E

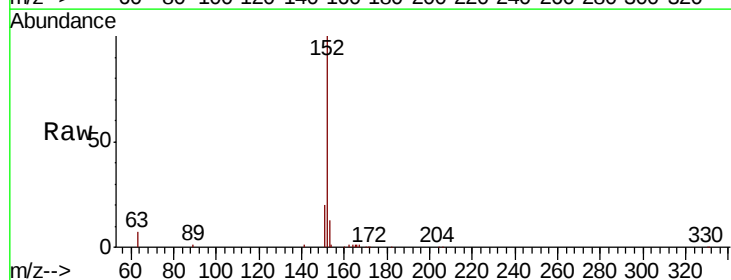
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.02 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.1	10.4	15.6

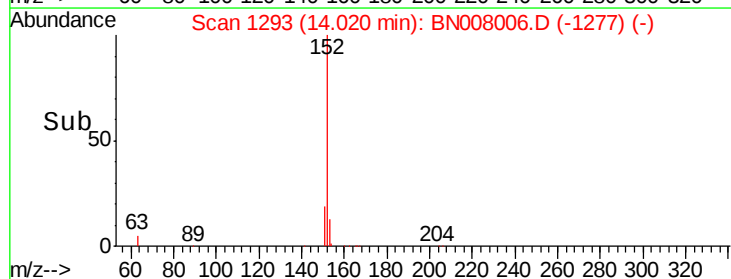
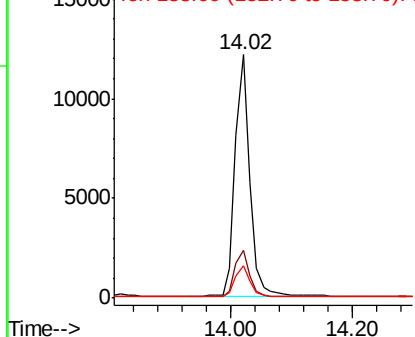


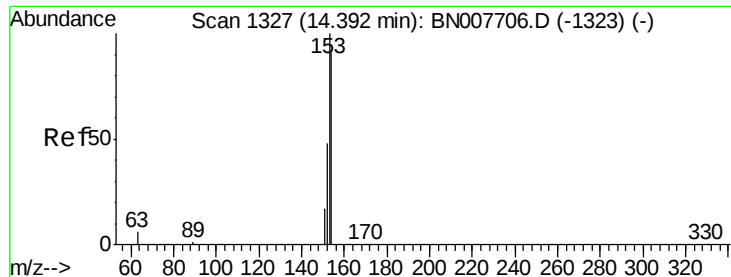
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

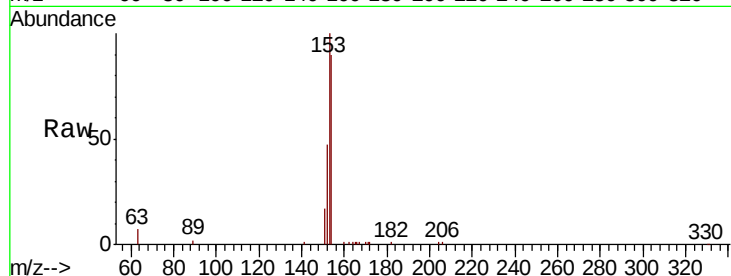




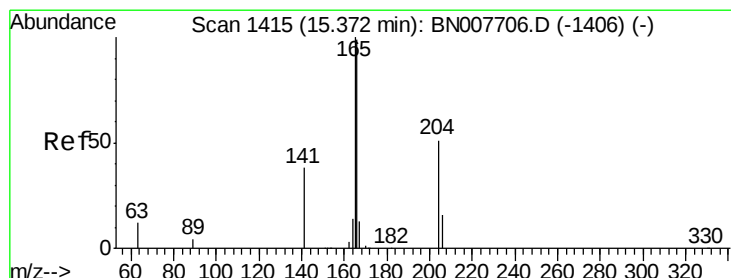
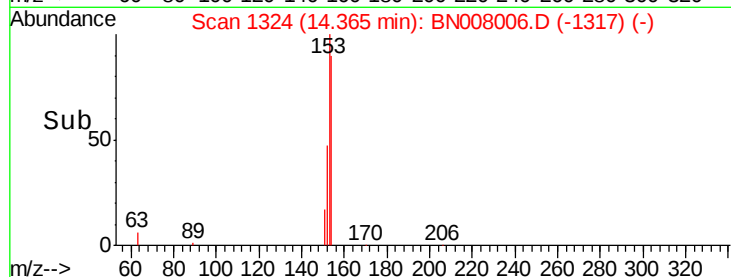
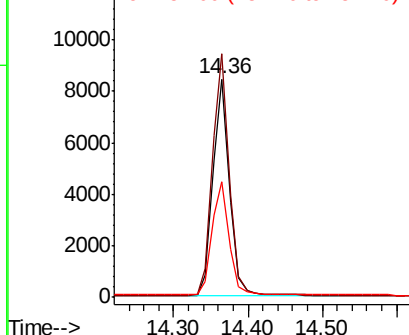
#17
Acenaphthene
Concen: 0.366 ng
RT: 14.36 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion:154 Resp: 12989
Ion Ratio Lower Upper
154 100
153 112.5 87.0 130.4
152 53.6 42.7 64.1

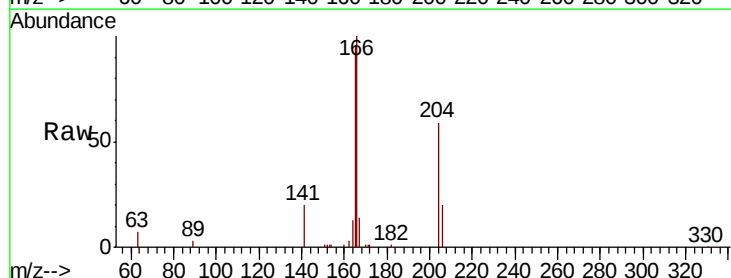


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

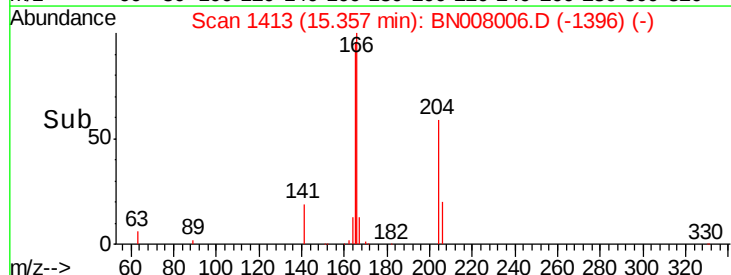
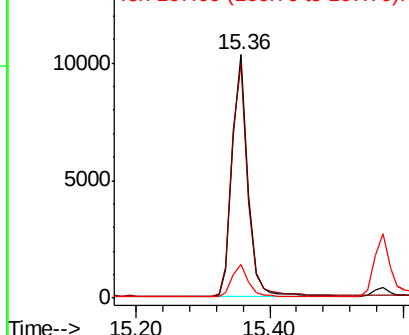


#18
Fluorene
Concen: 0.365 ng
RT: 15.36 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion:166 Resp: 16566
Ion Ratio Lower Upper
166 100
165 97.9 78.0 117.0
167 13.5 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: 17.05 min Scan# 1569

Delta R.T. -0.03 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

Instrument :

BNA_N

ClientSampleId :

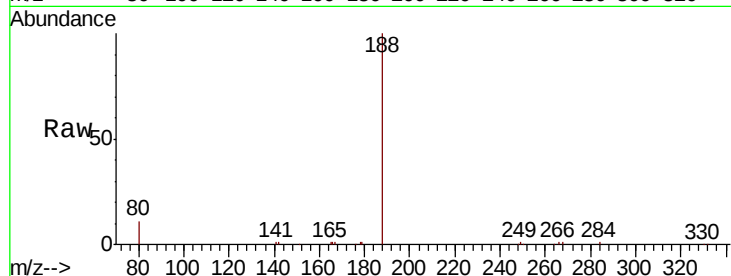
Tot Ion:188 Resp: 21456

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

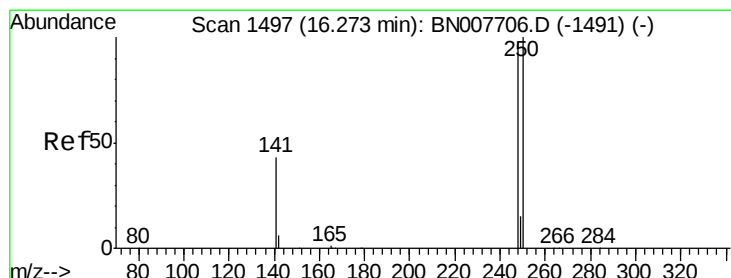
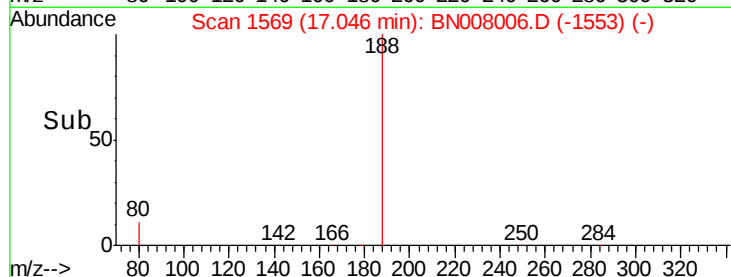
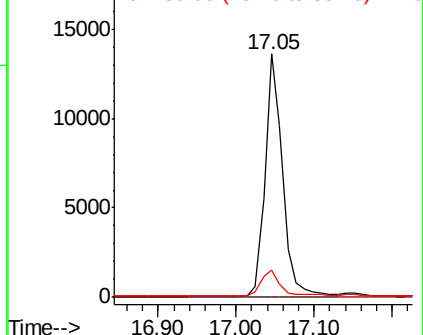
80 11.3 7.4 11.2#



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



#20

4-Bromophenyl-phenylether

Concen: 0.409 ng

RT: 16.25 min Scan# 1494

Delta R.T. -0.03 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

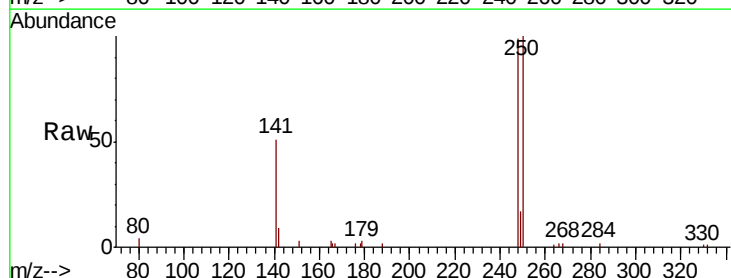
Tgt Ion:248 Resp: 5333

Ion Ratio Lower Upper

248 100

250 100.8 82.2 123.4

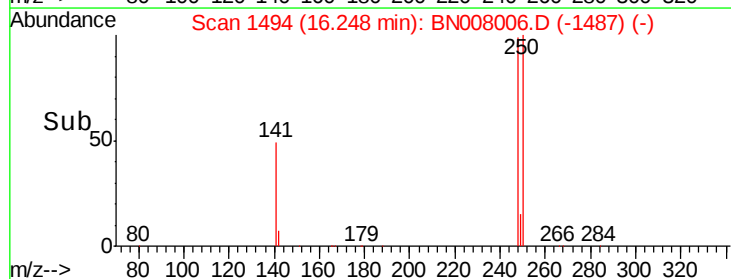
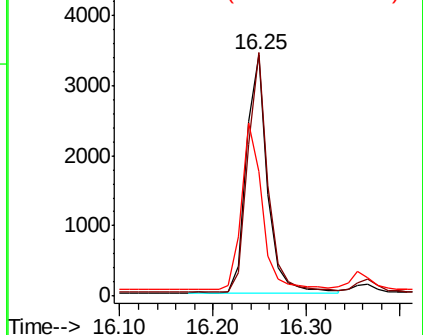
141 51.6 36.3 54.5



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: 0.440 ng

RT: 16.37 min Scan# 1505

Delta R.T. -0.03 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

Instrument :

BNA_N

ClientSampleId :

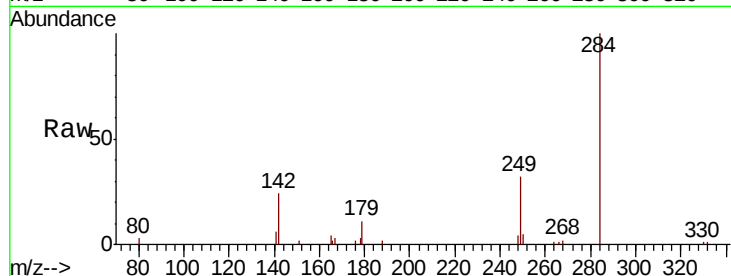
Tot Ion:284 Resp: 6269

Ion Ratio Lower Upper

284 100

142 30.5 25.8 38.6

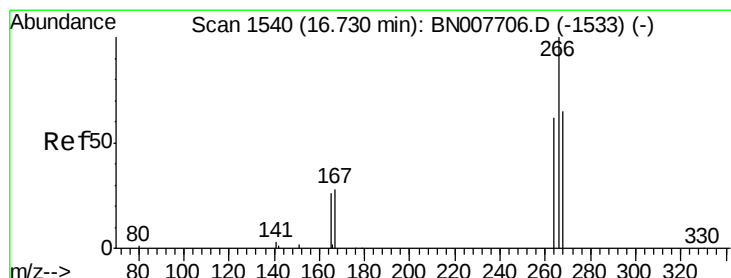
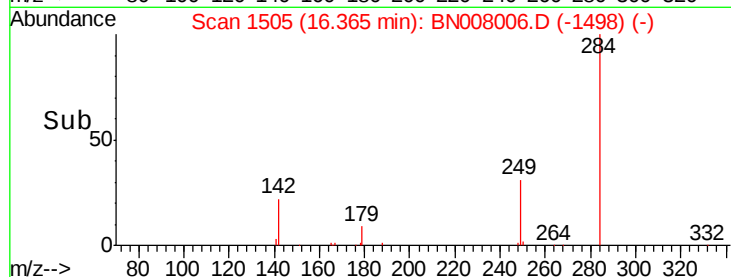
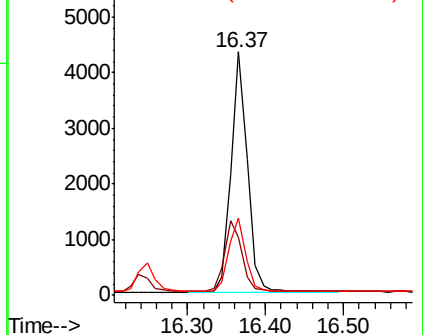
249 31.1 25.9 38.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.332 ng

RT: 16.72 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

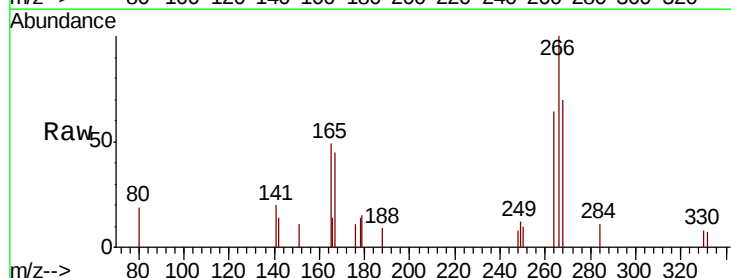
Tgt Ion:266 Resp: 1744

Ion Ratio Lower Upper

266 100

264 64.3 50.0 75.0

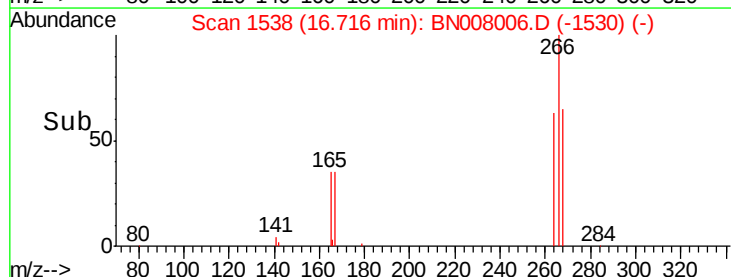
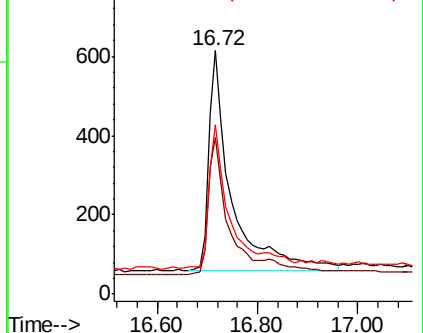
268 69.5 54.2 81.4

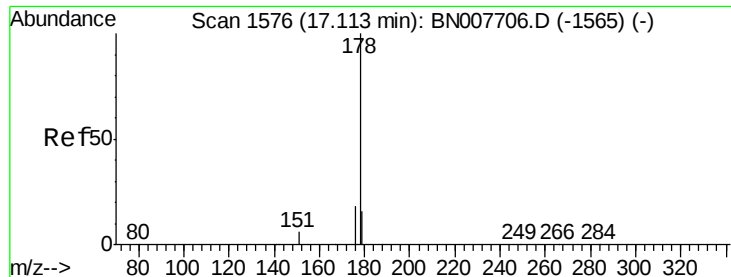


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.403 ng

RT: 17.09 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

Instrument :

BNA_N

ClientSampleId :

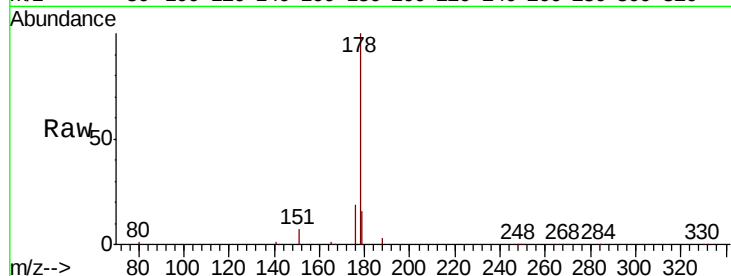
Tot Ion:178 Resp: 26922

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

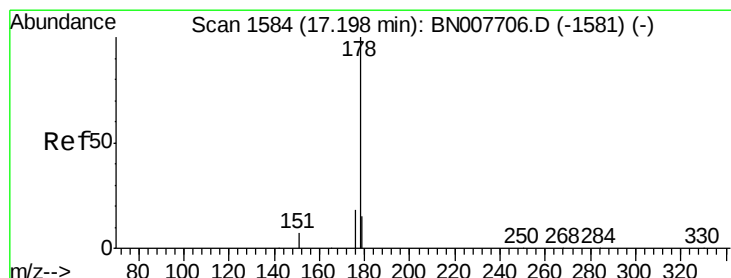
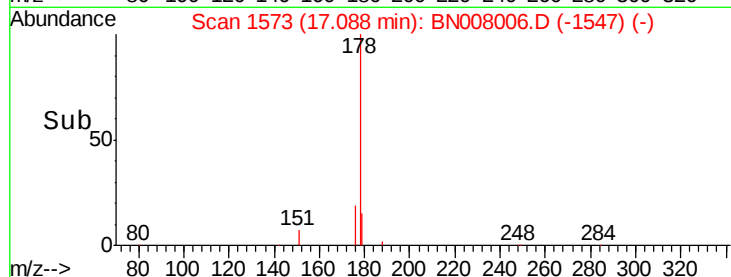
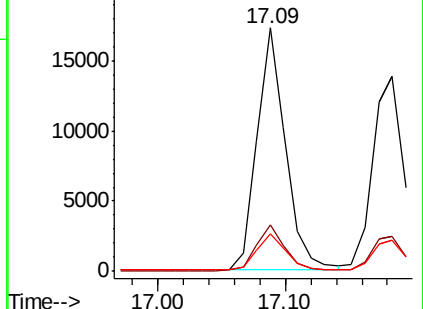
179 15.2 12.5 18.7



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: 0.407 ng

RT: 17.18 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

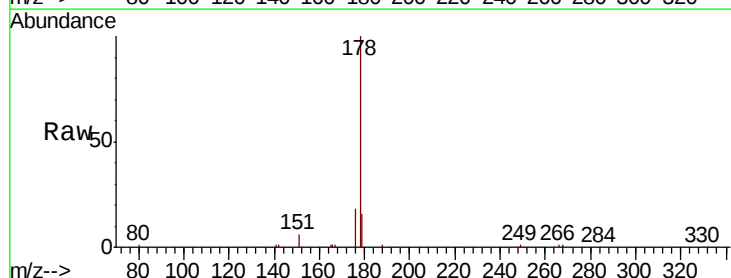
Tgt Ion:178 Resp: 24547

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

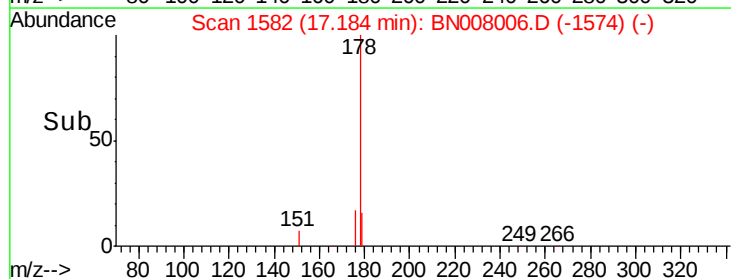
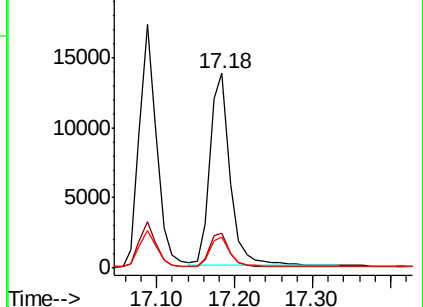
179 15.4 12.2 18.4

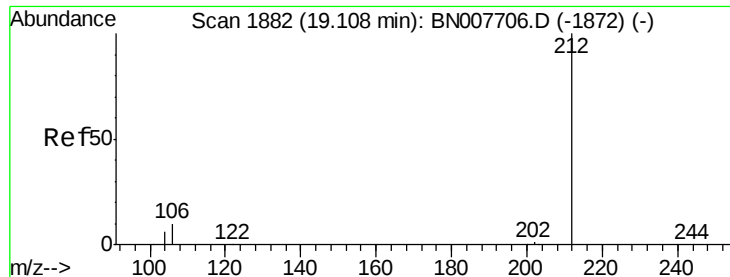


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.403 ng

RT: 19.09 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

Instrument :

BNA_N

ClientSampleId :

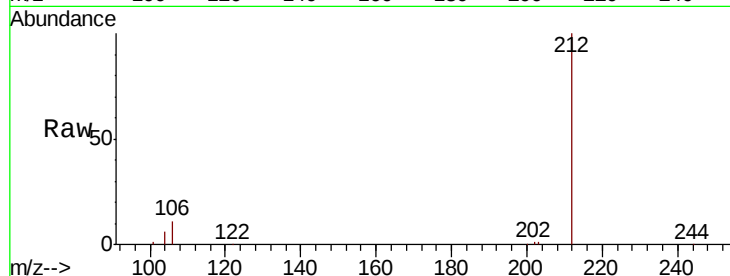
Tot Ion:212 Resp: 29176

Ion Ratio Lower Upper

212 100

106 11.4 9.4 14.0

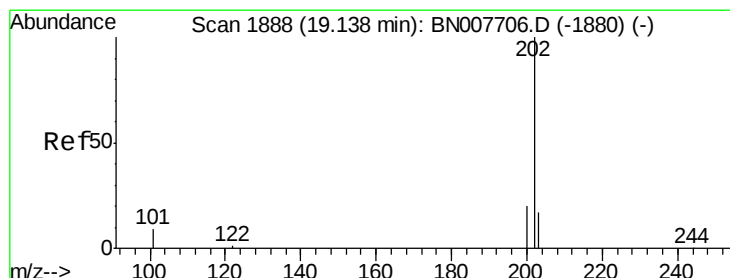
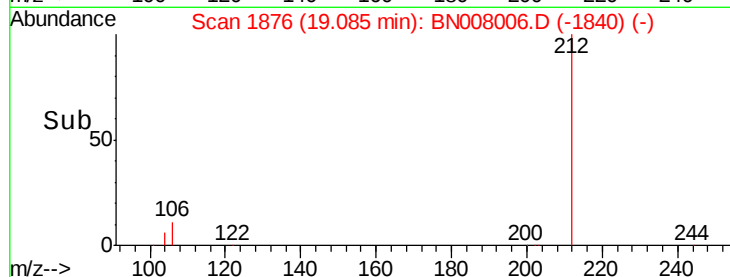
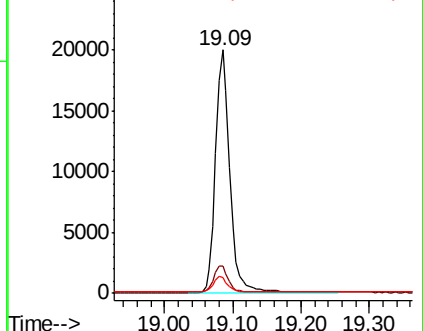
104 6.3 5.3 7.9



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: 0.398 ng

RT: 19.11 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

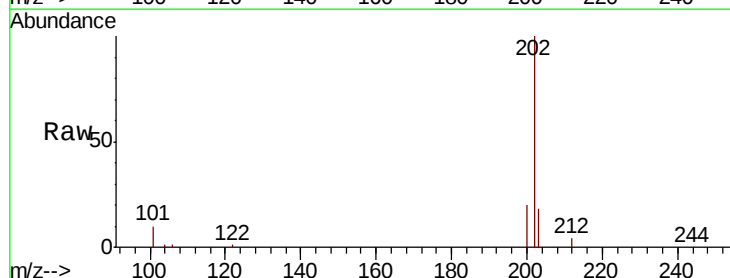
Tgt Ion:202 Resp: 33074

Ion Ratio Lower Upper

202 100

101 10.1 8.4 12.6

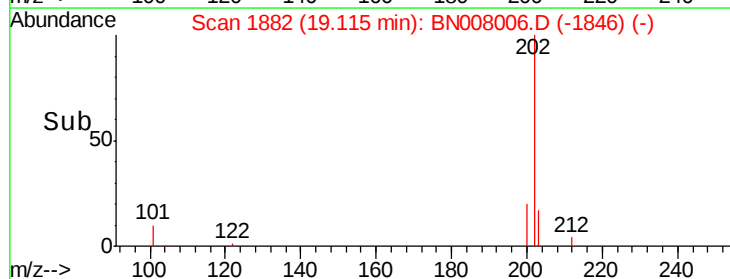
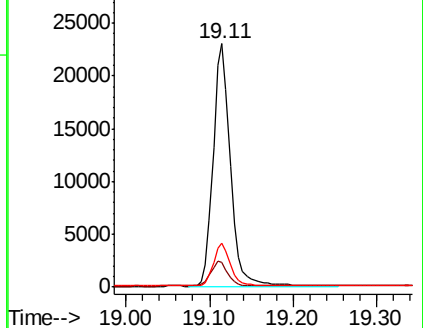
203 17.2 13.8 20.8



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: 21.25 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

Instrument :

BNA_N

ClientSampleId :

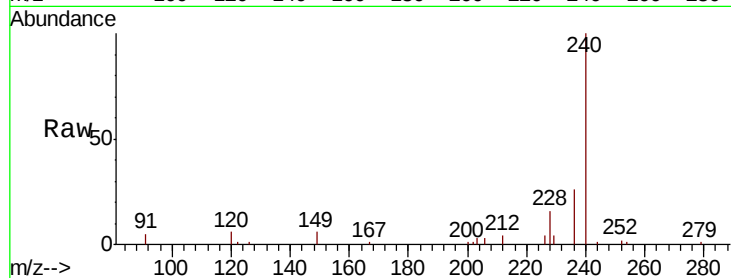
Tot Ion:240 Resp: 23410

Ion Ratio Lower Upper

240 100

120 6.1 5.4 8.2

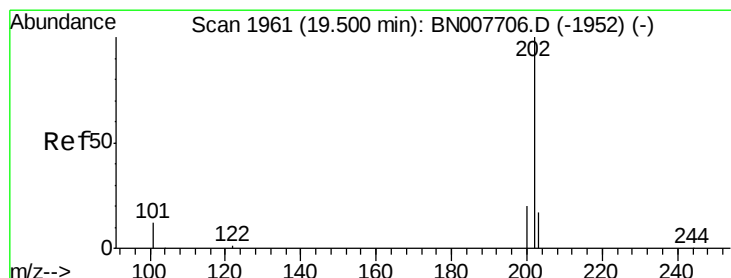
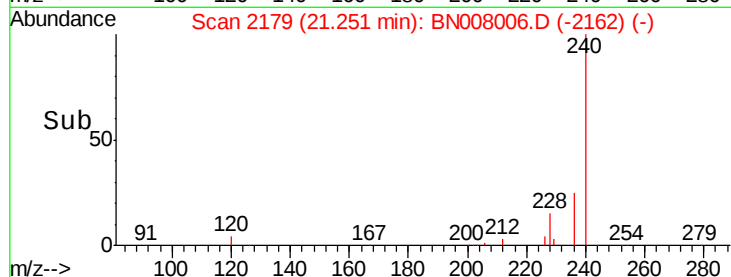
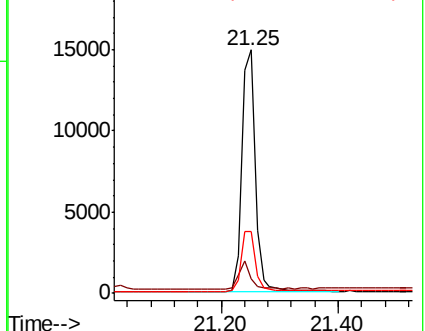
236 25.6 21.0 31.4



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: 0.429 ng

RT: 19.48 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

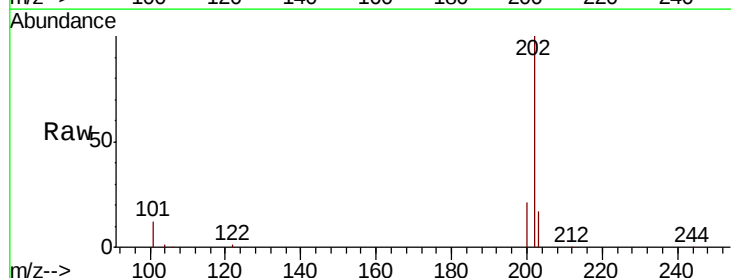
Tgt Ion:202 Resp: 34281

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

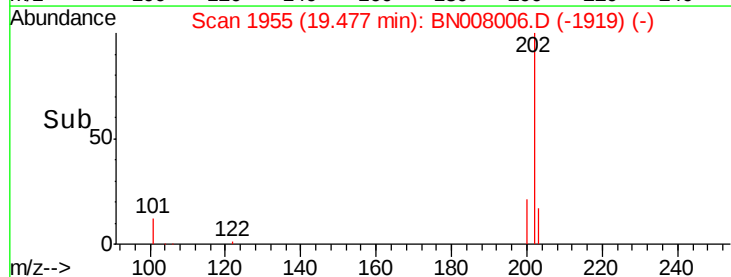
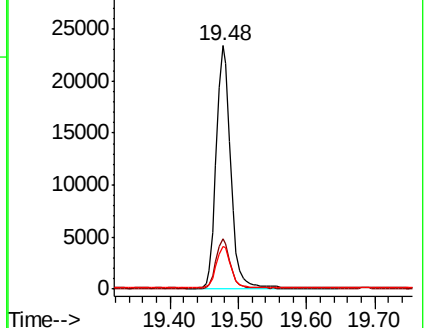
203 17.4 14.1 21.1



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: 0.423 ng

RT: 19.69 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

Instrument :

BNA_N

ClientSampleId :

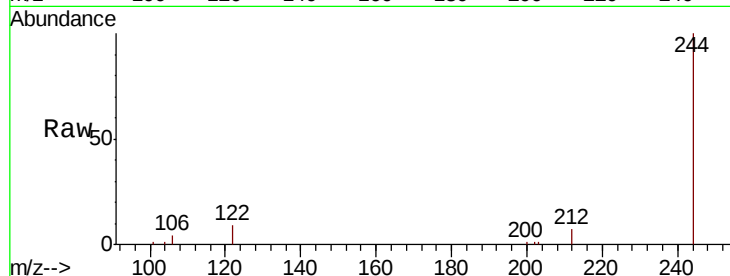
Tot Ion:244 Resp: 24324

Ion Ratio Lower Upper

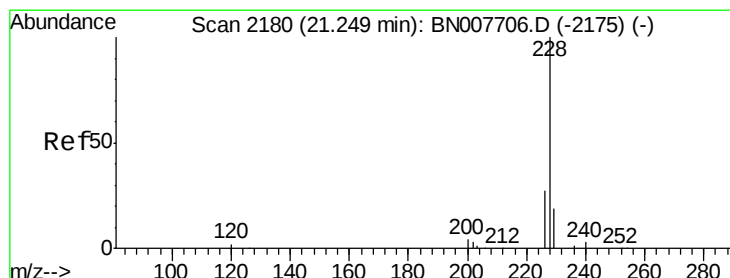
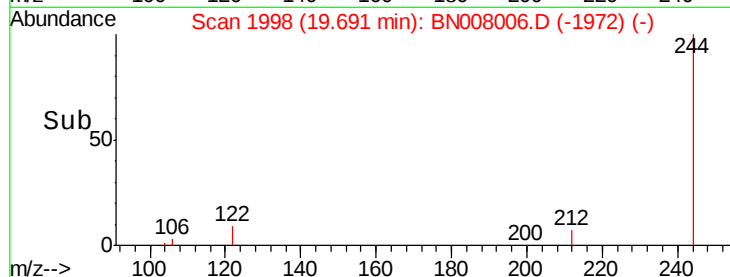
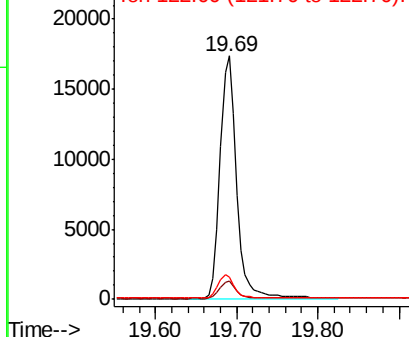
244 100

212 7.3 5.9 8.9

122 9.2 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: 0.410 ng

RT: 21.23 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

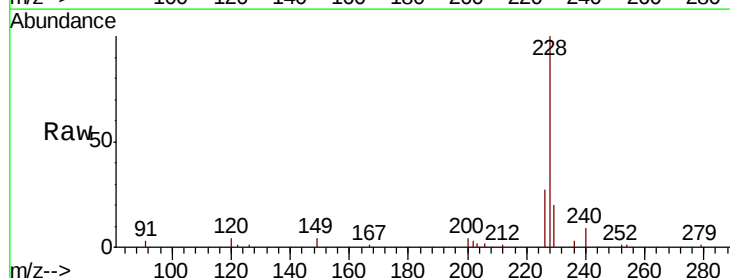
Tgt Ion:228 Resp: 35348

Ion Ratio Lower Upper

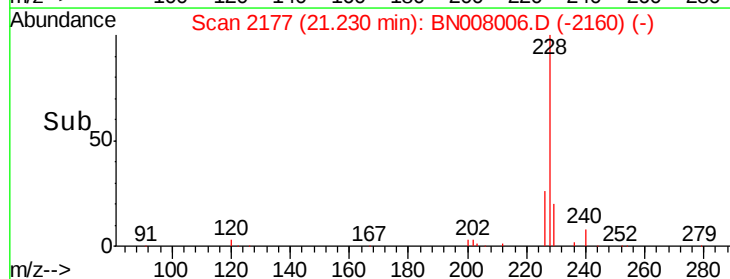
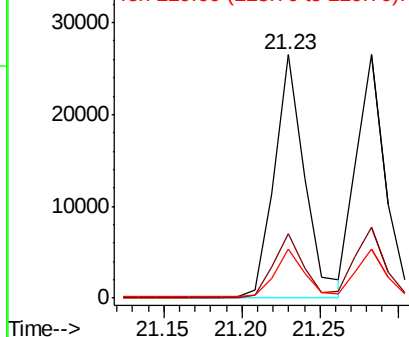
228 100

226 26.7 22.1 33.1

229 20.0 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: 0.405 ng

RT: 21.28 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

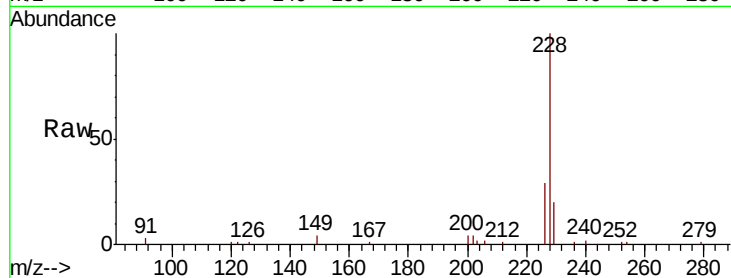
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 34029

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.9	35.9
229	19.9	15.8	23.6

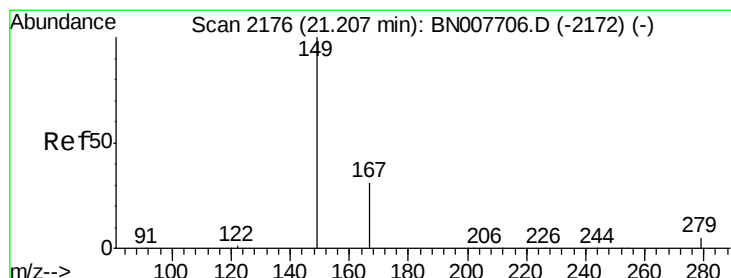
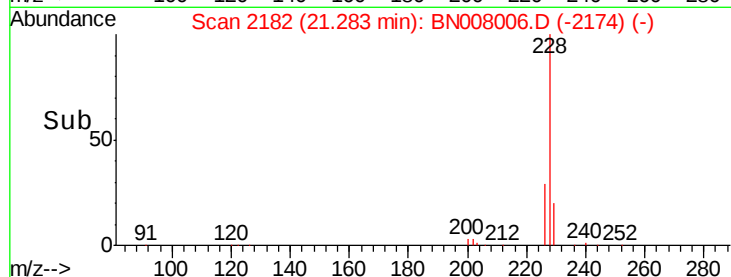
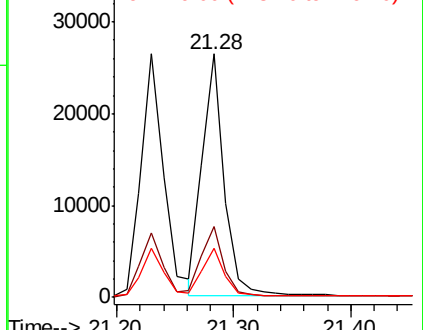


Abundance

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: 0.413 ng

RT: 21.18 min Scan# 2172

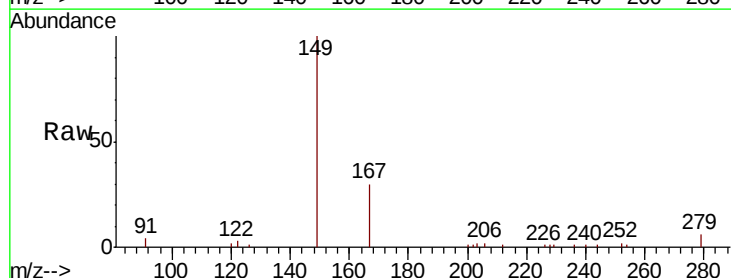
Delta R.T. -0.03 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

Tgt Ion:149 Resp: 18310

Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.7	35.5
279	5.6	4.2	6.2

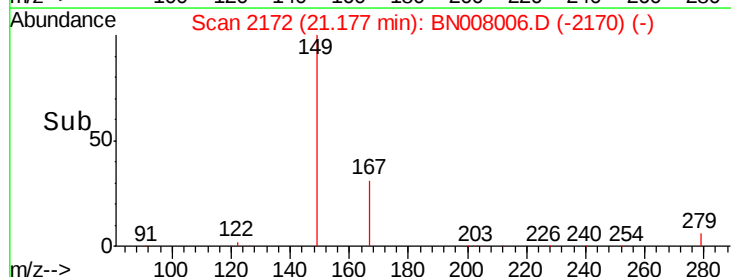
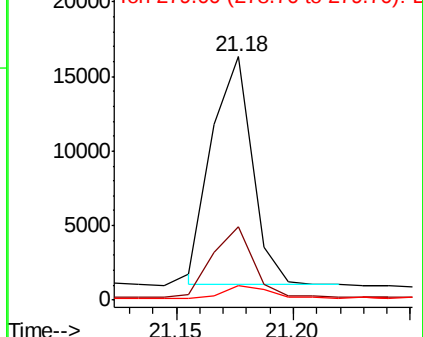


Abundance

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

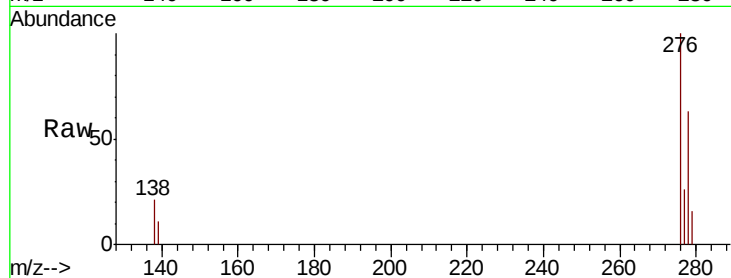




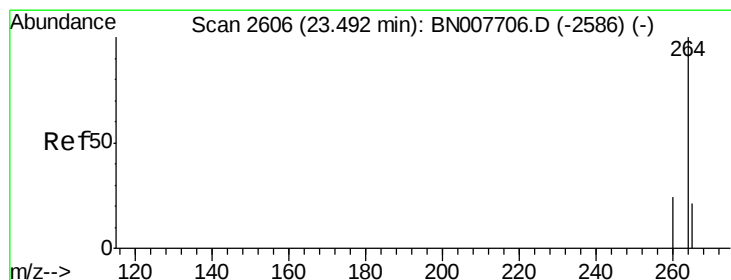
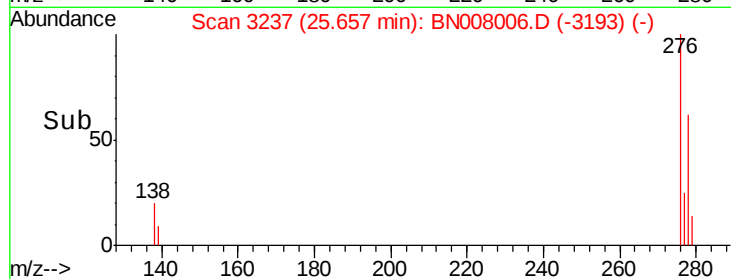
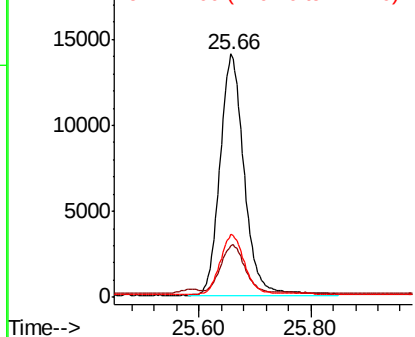
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng
RT: 25.66 min Scan# 3237
Delta R.T. -0.05 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 41901
Ion Ratio Lower Upper
276 100
138 19.4 17.1 25.7
277 25.3 20.0 30.0

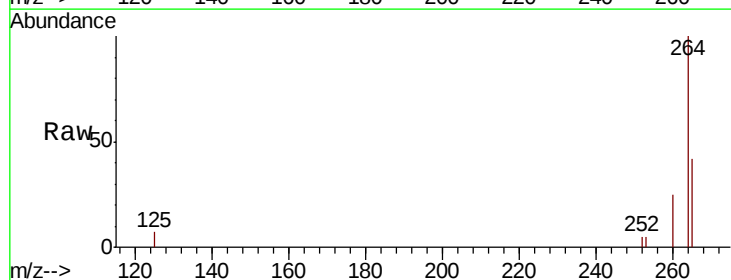


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

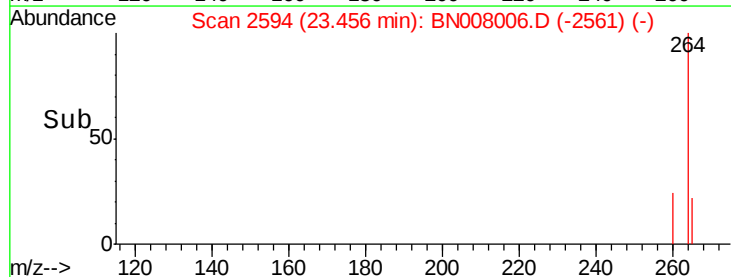
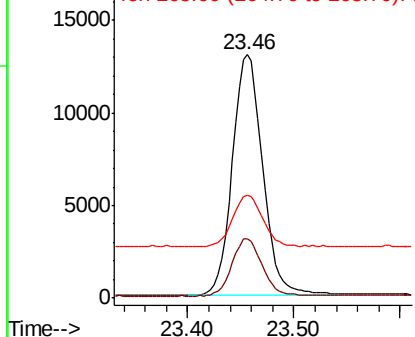


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2594
Delta R.T. -0.04 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion:264 Resp: 25793
Ion Ratio Lower Upper
264 100
260 24.6 19.3 28.9
265 42.4 26.9 40.3#



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

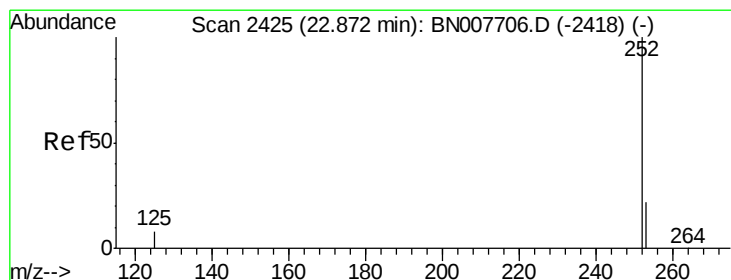
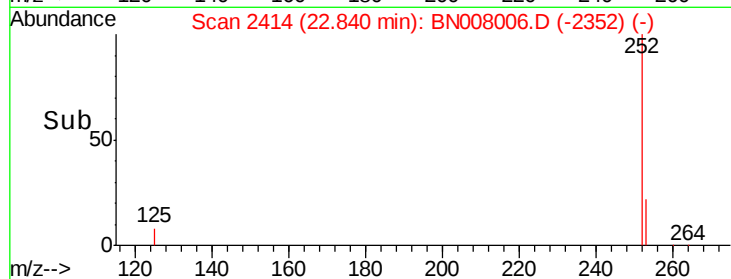
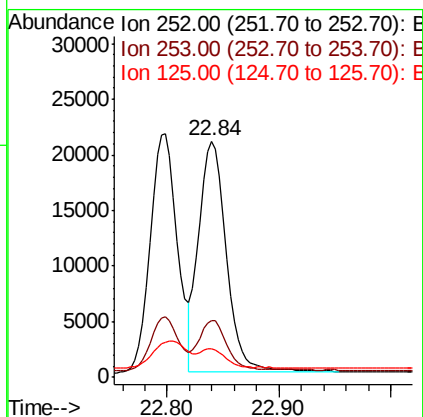
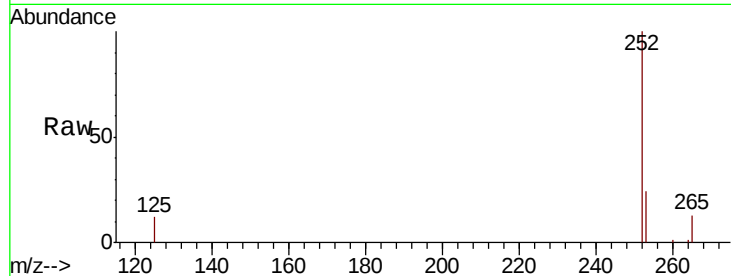




#35
Benzo(b)fluoranthene
Concen: 0.398 ng
RT: 22.84 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

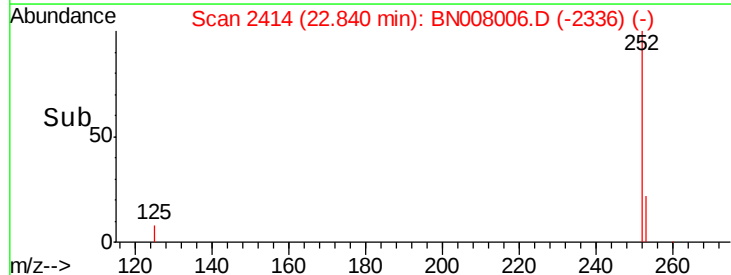
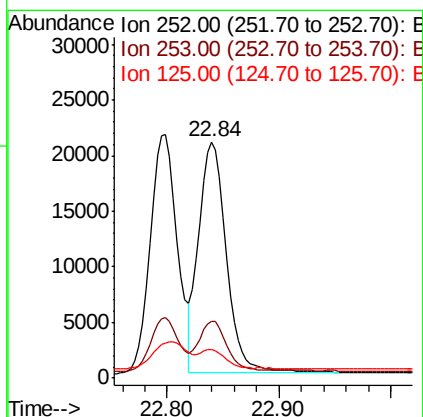
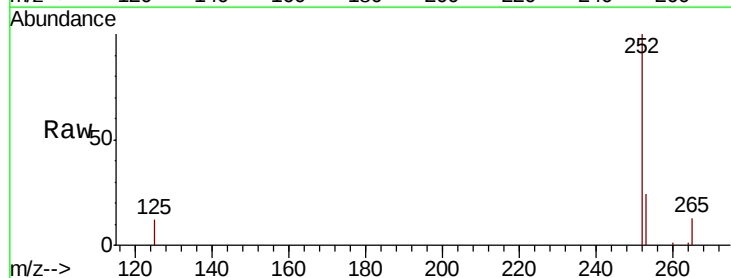
Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 35608
Ion Ratio Lower Upper
252 100
253 24.2 18.3 27.5
125 12.1 8.2 12.4



#36
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 22.84 min Scan# 2414
Delta R.T. -0.03 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion:252 Resp: 35608
Ion Ratio Lower Upper
252 100
253 24.2 18.5 27.7
125 12.1 8.4 12.6





#37

Benzo(a)pyrene

Concen: 0.409 ng

RT: 23.36 min Scan# 2566

Delta R.T. -0.03 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

Instrument :

BNA_N

ClientSampleId :

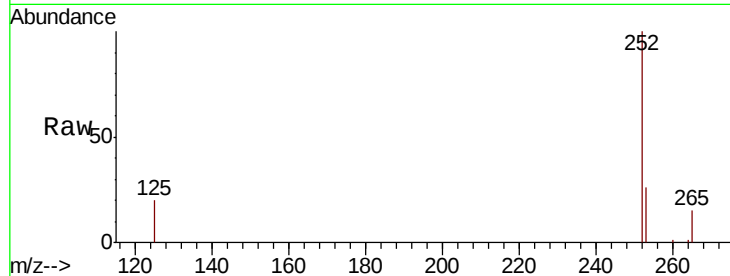
Tot Ion:252 Resp: 34378

Ion Ratio Lower Upper

252 100

253 26.0 18.6 27.8

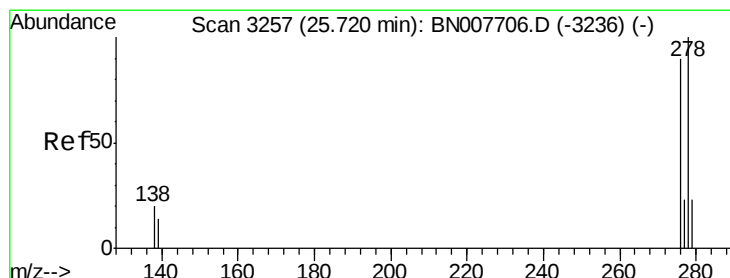
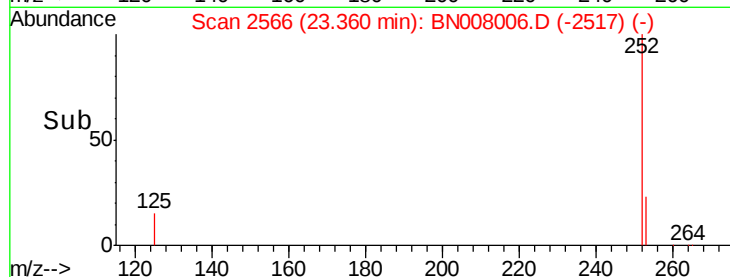
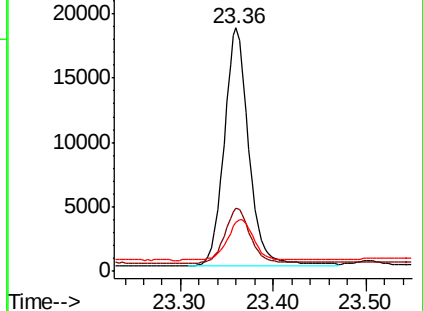
125 20.0 9.4 14.0#



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: 0.398 ng

RT: 25.67 min Scan# 3241

Delta R.T. -0.05 min

Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

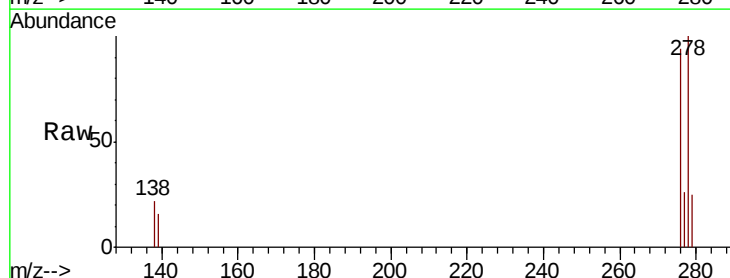
Tgt Ion:278 Resp: 34256

Ion Ratio Lower Upper

278 100

139 15.6 11.8 17.6

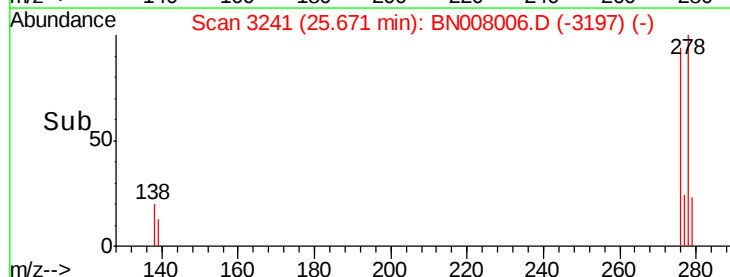
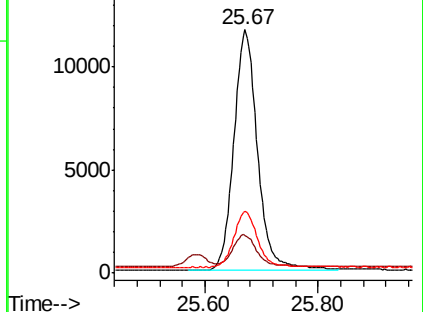
279 25.2 19.4 29.2



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: 0.406 ng

RT: 26.33 min Scan# 3433

Delta R.T. -0.05 min

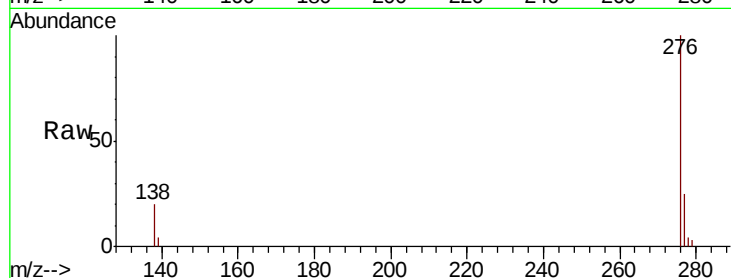
Lab File: BN008006.D

Acq: 04 Oct 2019 16:47

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 34553

Ion Ratio Lower Upper

276 100

277 25.1 19.8 29.8

138 19.7 15.1 22.7

