

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
 Data File : BN008004.D
 Acq On : 04 Oct 2019 15:35
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 05 01:24:17 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	4747	0.40	ng	-0.02
7) Naphthalene-d8	10.44	136	18615	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	11267	0.40	ng	-0.02
19) Phenanthrene-d10	17.05	188	24067	0.40	ng	-0.02
27) Chrysene-d12	21.25	240	26022	0.40	ng	-0.02
34) Perylene-d12	23.46	264	28511	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.29	112	5729	0.35	ng	-0.02
5) Phenol-d6	6.86	99	7269	0.36	ng	0.00
8) Nitrobenzene-d5	8.82	82	6407	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	13020	0.42	ng	-0.02
14) 2,4,6-Tribromophenol	15.80	330	2143	0.35	ng	-0.02
15) 2-Fluorobiphenyl	12.92	172	18187	0.39	ng	-0.02
25) Fluoranthene-d10	19.08	212	32257	0.40	ng	-0.02
29) Terphenyl-d14	19.69	244	27341	0.43	ng	-0.02

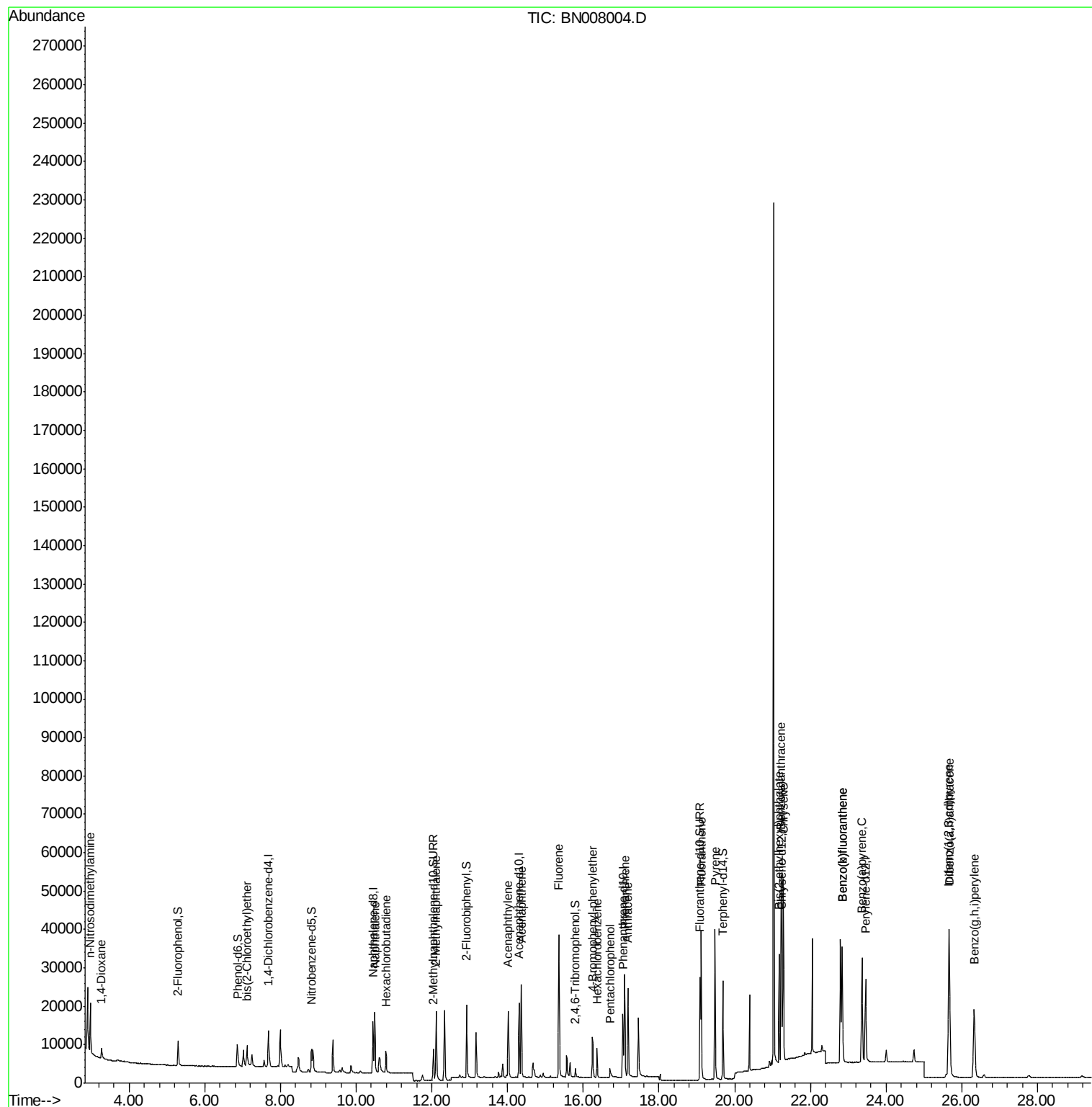
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	1754	0.332	ng	# 86
3) n-Nitrosodimethylamine	2.97	42	1560	0.644	ng	95
6) bis(2-Chloroethyl)ether	7.11	93	5769	0.429	ng	92
9) Naphthalene	10.49	128	21387	0.409	ng	99
10) Hexachlorobutadiene	10.79	225	4881	0.444	ng	# 100
12) 2-Methylnaphthalene	12.11	142	14681	0.416	ng	99
16) Acenaphthylene	14.01	152	22421	0.375	ng	99
17) Acenaphthene	14.37	154	14182	0.368	ng	96
18) Fluorene	15.35	166	18114	0.367	ng	100
20) 4-Bromophenyl-phenylether	16.24	248	5927	0.406	ng	# 78
21) Hexachlorobenzene	16.37	284	6908	0.433	ng	98
22) Pentachlorophenol	16.71	266	1895	0.322	ng	98
23) Phenanthrene	17.09	178	29753	0.397	ng	100
24) Anthracene	17.18	178	27347	0.404	ng	100
26) Fluoranthene	19.11	202	36798	0.395	ng	100
28) Pyrene	19.48	202	38261	0.431	ng	100
30) Benzo(a)anthracene	21.23	228	39061	0.408	ng	99
31) Chrysene	21.28	228	38001	0.407	ng	100
32) Bis(2-ethylhexyl)phthalate	21.17	149	21882	0.444	ng	99
33) Indeno(1,2,3-cd)pyrene	25.65	276	46353	0.396	ng	98
35) Benzo(b)fluoranthene	22.84	252	40471	0.409	ng	97
36) Benzo(k)fluoranthene	22.84	252	40587	0.415	ng	97
37) Benzo(a)pyrene	23.36	252	37737	0.406	ng	# 85
38) Dibenzo(a,h)anthracene	25.67	278	37867	0.398	ng	98
39) Benzo(g,h,i)perylene	26.33	276	37872	0.402	ng	99

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

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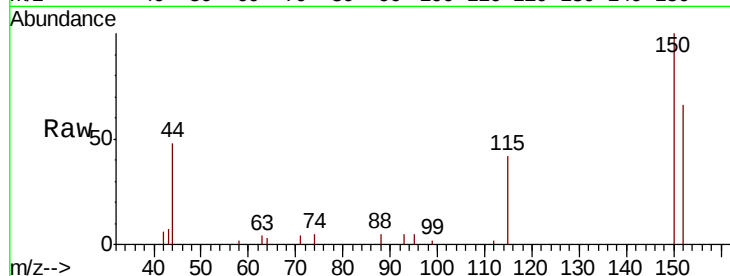


#1

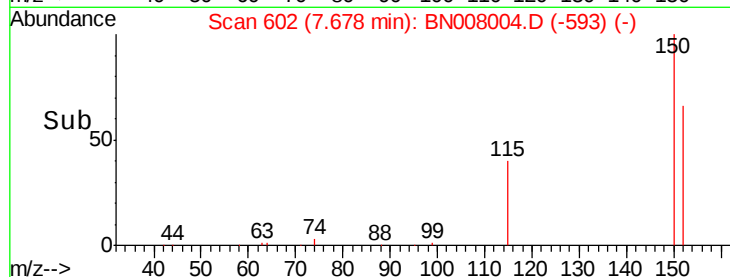
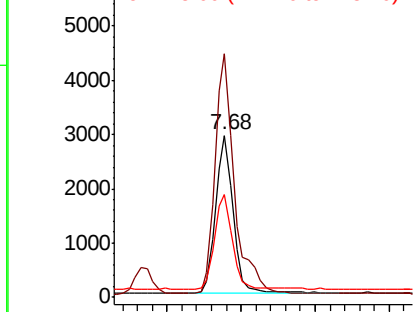
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 602
Delta R.T. -0.02 min
Lab File: BN008004.D
Acq: 04 Oct 2019 15:35

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4747
Ion Ratio Lower Upper
152 100
150 150.4 125.6 188.4
115 63.8 53.3 79.9



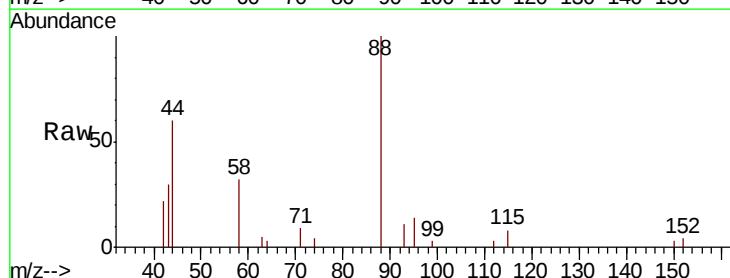
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



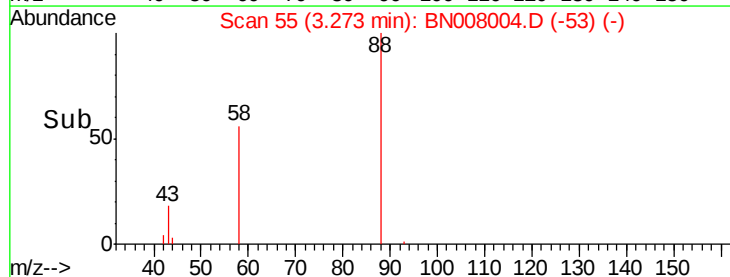
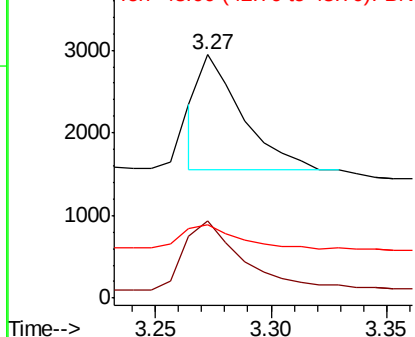
#2

1,4-Dioxane
Concen: 0.332 ng
RT: 3.27 min Scan# 55
Delta R.T. -0.03 min
Lab File: BN008004.D
Acq: 04 Oct 2019 15:35

Tgt Ion: 88 Resp: 1754
Ion Ratio Lower Upper
88 100
58 51.5 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



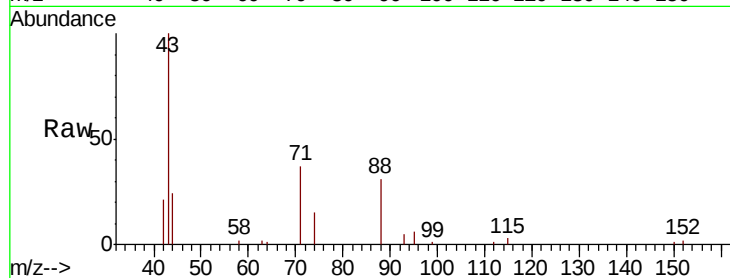


#3

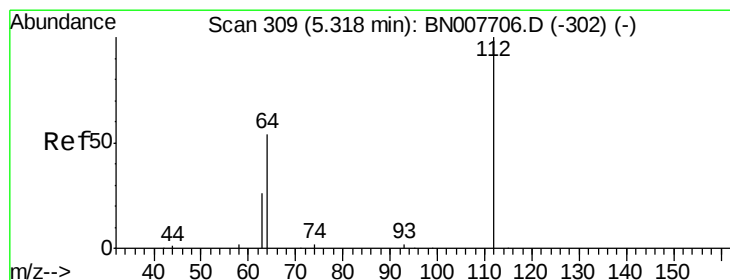
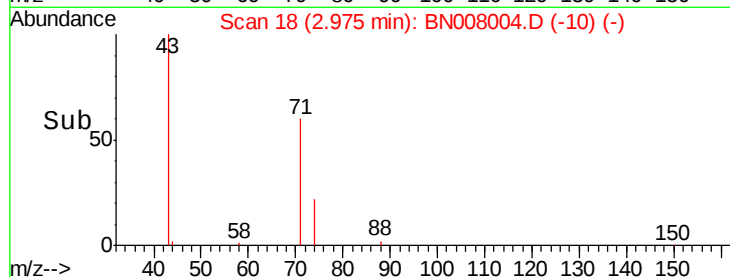
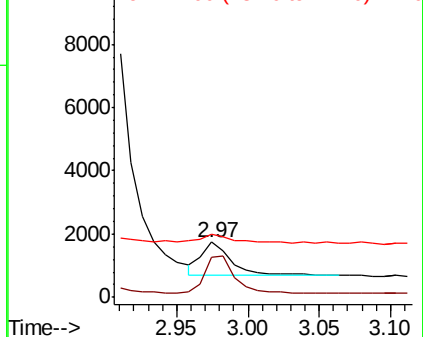
n-Nitrosodimethylamine
 Concen: 0.644 ng
 RT: 2.97 min Scan# 18
 Delta R.T. -0.03 min
 Lab File: BN008004.D
 Acq: 04 Oct 2019 15:35

Instrument :
 BNA_N
 ClientSampled :

Tot Ion: 42 Resp: 1560
 Ion Ratio Lower Upper
 42 100
 74 106.3 87.9 131.9
 44 31.0 29.4 44.0



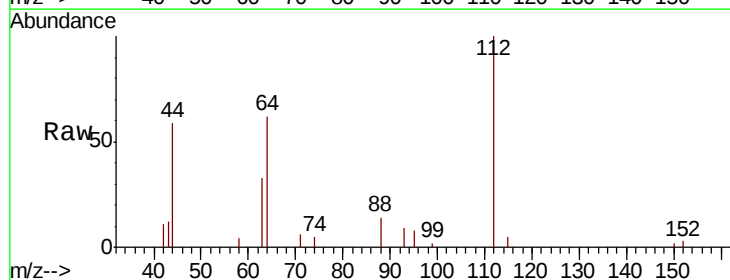
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



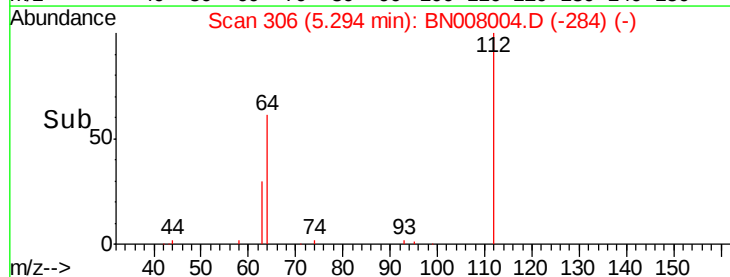
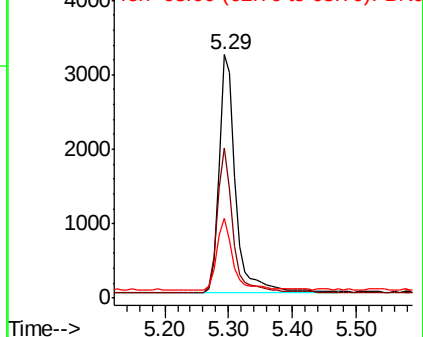
#4

2-Fluorophenol
 Concen: 0.351 ng
 RT: 5.29 min Scan# 306
 Delta R.T. -0.02 min
 Lab File: BN008004.D
 Acq: 04 Oct 2019 15:35

Tgt Ion: 112 Resp: 5729
 Ion Ratio Lower Upper
 112 100
 64 58.3 46.6 70.0
 63 29.7 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.356 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN008004.D

Acq: 04 Oct 2019 15:35

Instrument :

BNA_N

ClientSampleId :

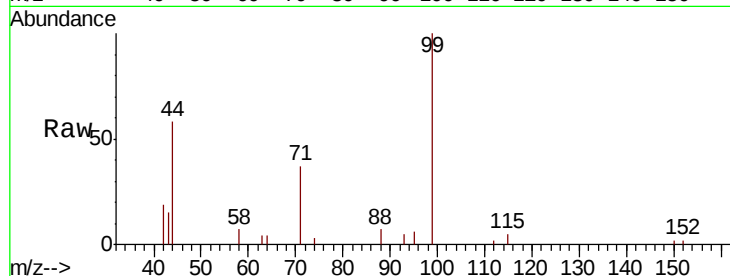
Tot Ion: 99 Resp: 7269

Ion Ratio Lower Upper

99 100

42 14.5 12.8 19.2

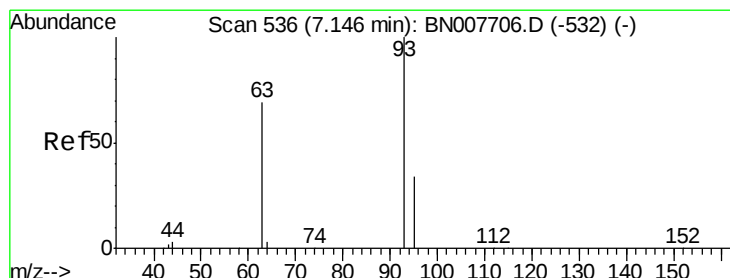
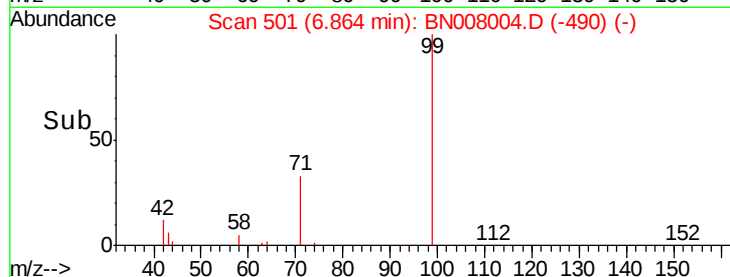
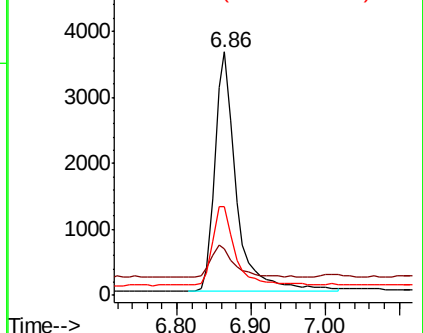
71 34.6 27.6 41.4



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: 0.429 ng

RT: 7.11 min Scan# 532

Delta R.T. -0.03 min

Lab File: BN008004.D

Acq: 04 Oct 2019 15:35

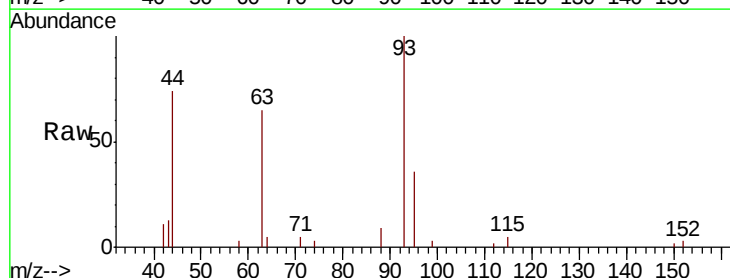
Tgt Ion: 93 Resp: 5769

Ion Ratio Lower Upper

93 100

63 68.3 59.3 88.9

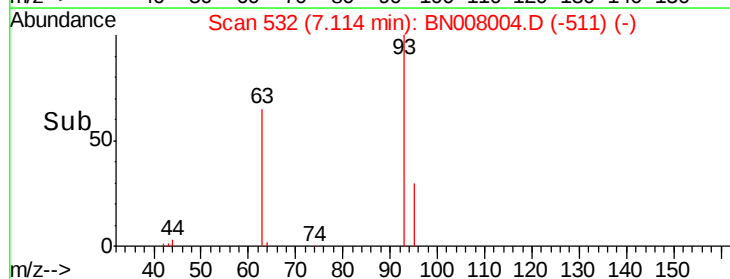
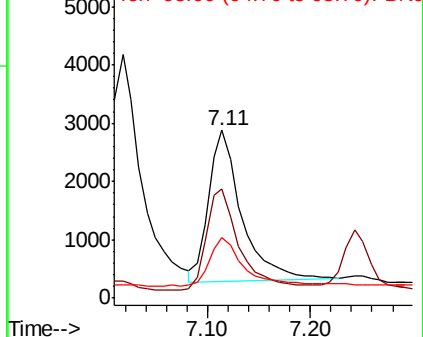
95 32.5 31.4 47.0



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: BN008004.D

Acq: 04 Oct 2019 15:35

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 18615

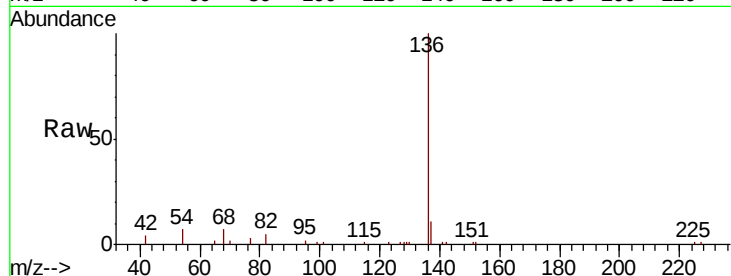
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 6.6 5.8 8.8

68 7.1 6.5 9.7

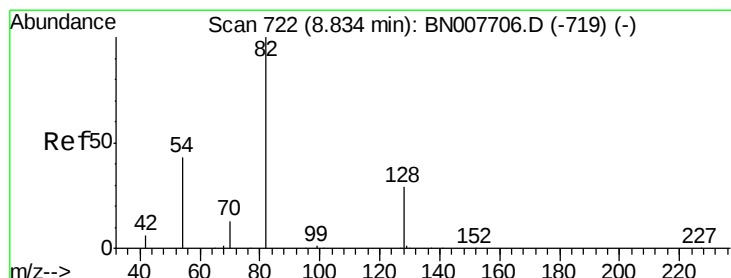
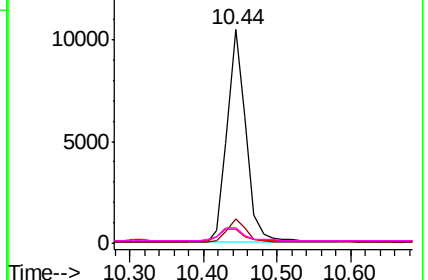
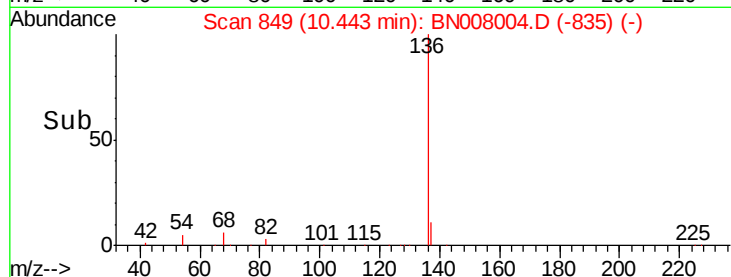


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.393 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN008004.D

Acq: 04 Oct 2019 15:35

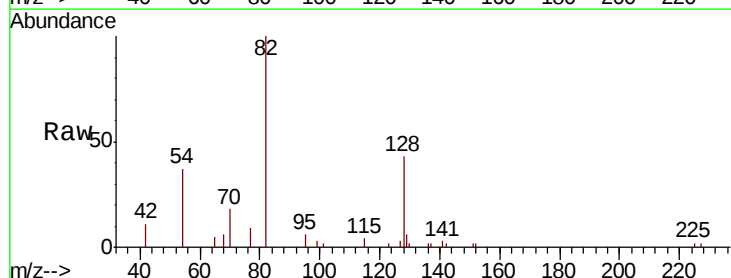
Tgt Ion: 82 Resp: 6407

Ion Ratio Lower Upper

82 100

128 43.0 24.5 36.7#

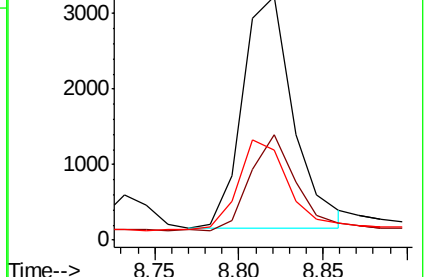
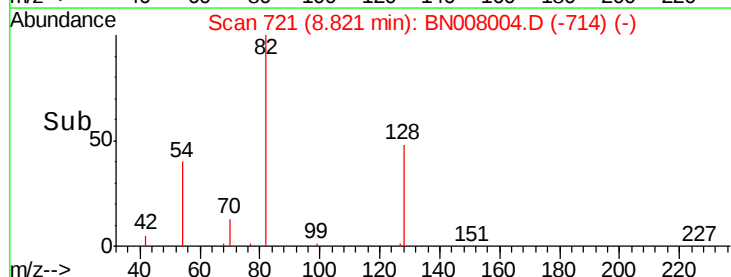
54 36.8 35.2 52.8

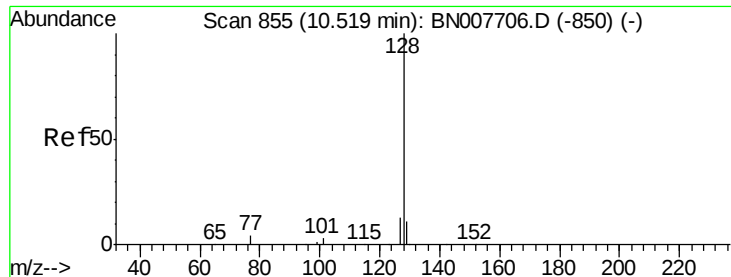


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.409 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN008004.D

Acq: 04 Oct 2019 15:35

Instrument :

BNA_N

ClientSampleId :

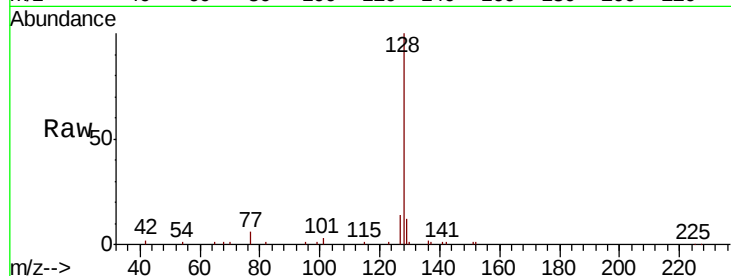
Tot Ion:128 Resp: 21387

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

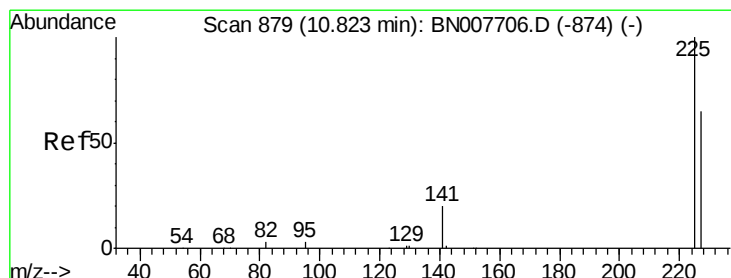
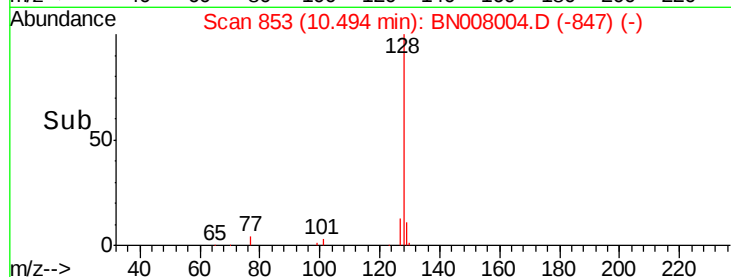
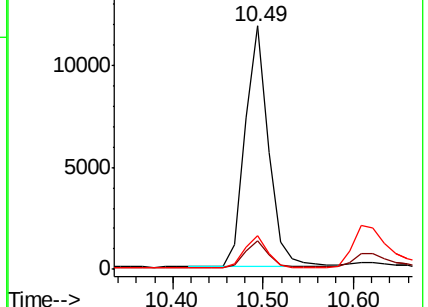
127 13.6 10.6 15.8



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: 0.444 ng

RT: 10.79 min Scan# 876

Delta R.T. -0.04 min

Lab File: BN008004.D

Acq: 04 Oct 2019 15:35

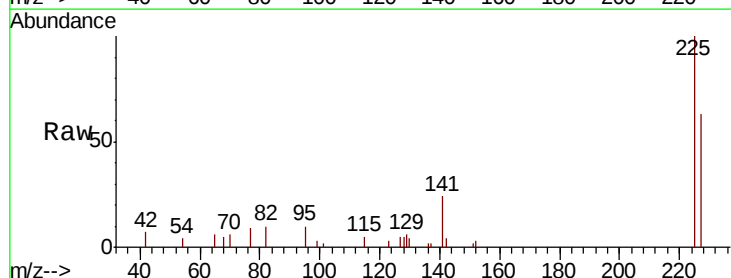
Tgt Ion:225 Resp: 4881

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

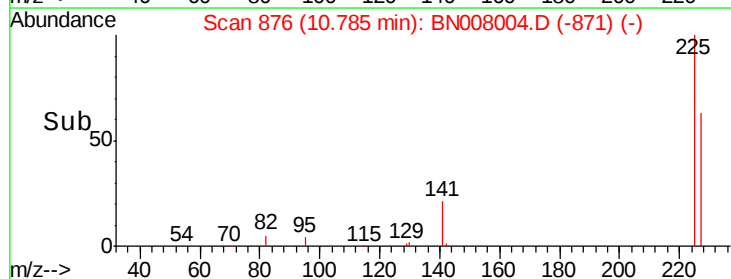
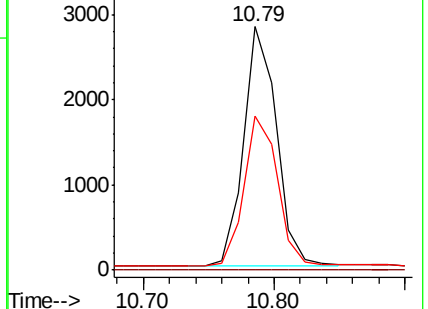
227 64.1 51.2 76.8

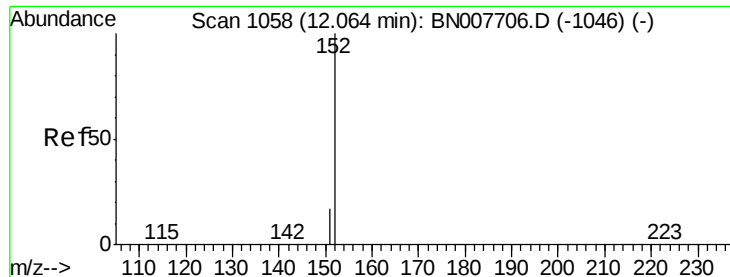


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

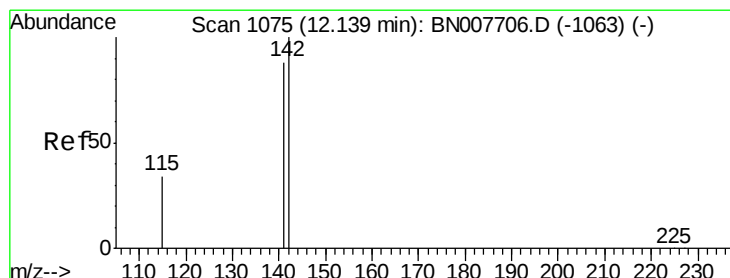
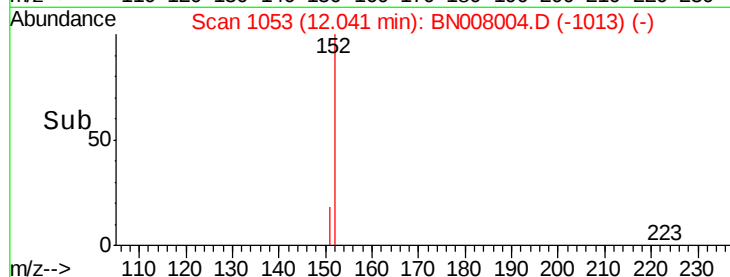
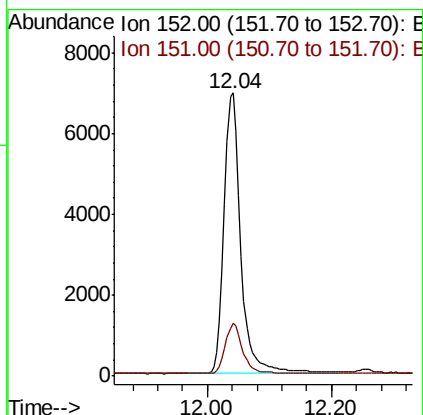
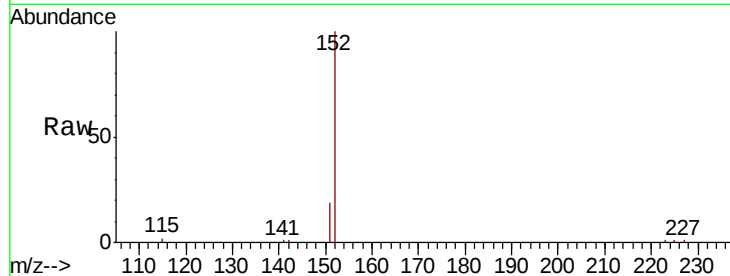




#11
2-Methylnaphthalene-d10
Concen: 0.415 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BN008004.D
Acq: 04 Oct 2019 15:35

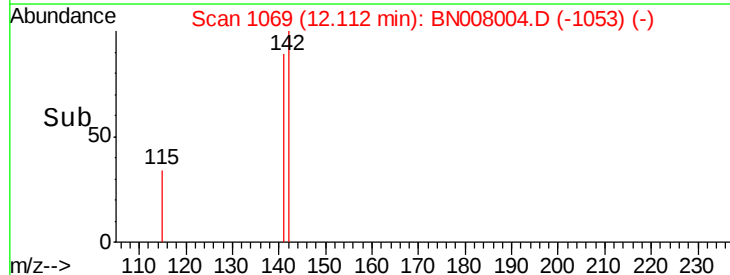
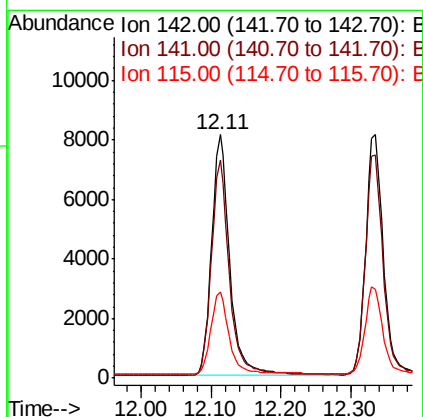
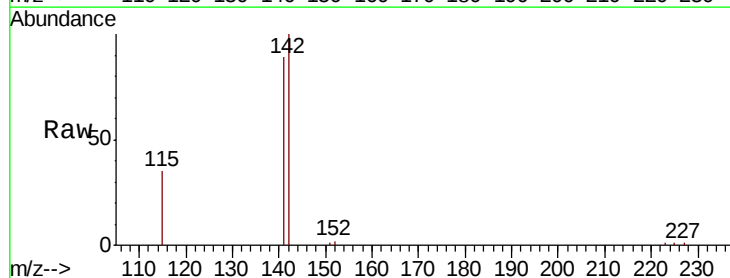
Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 13020
Ion Ratio Lower Upper
152 100
151 18.9 15.4 23.2



#12
2-Methylnaphthalene
Concen: 0.416 ng
RT: 12.11 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BN008004.D
Acq: 04 Oct 2019 15:35

Tgt Ion:142 Resp: 14681
Ion Ratio Lower Upper
142 100
141 89.5 70.6 106.0
115 35.3 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BN008004.D

Acq: 04 Oct 2019 15:35

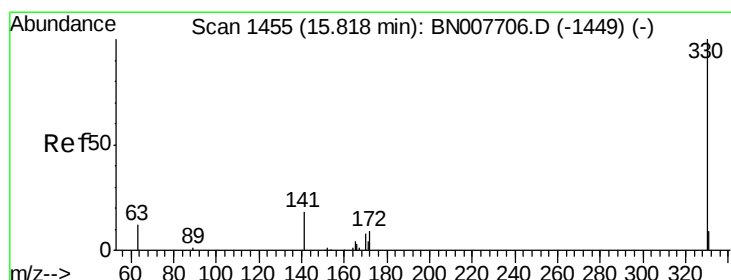
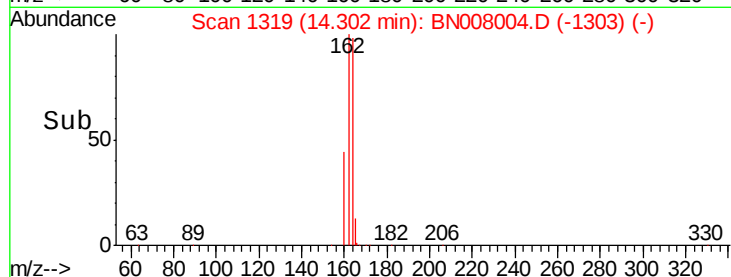
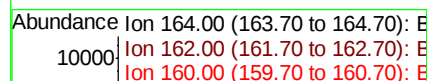
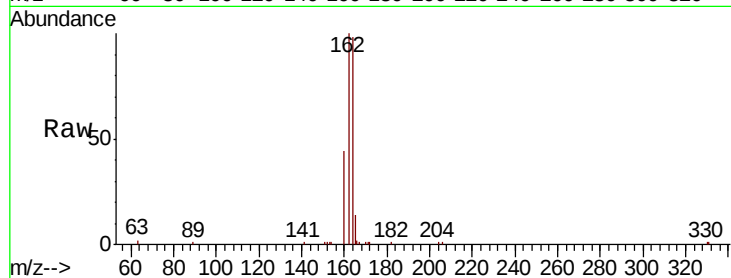
Instrument :

BNA_N

ClientSampleId :

Tot Ion:164 Resp: 11267

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.7	122.5
160	45.1	37.0	55.4



#14

2,4,6-Tribromophenol

Concen: 0.349 ng

RT: 15.80 min Scan# 1453

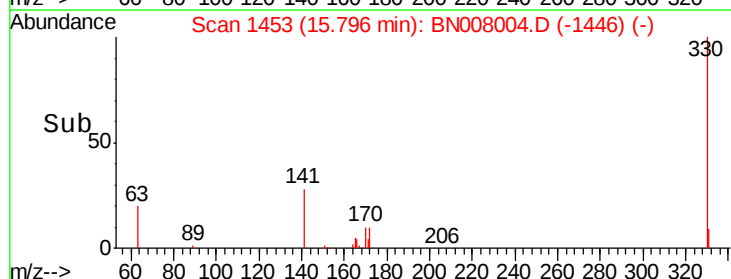
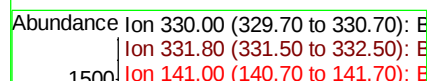
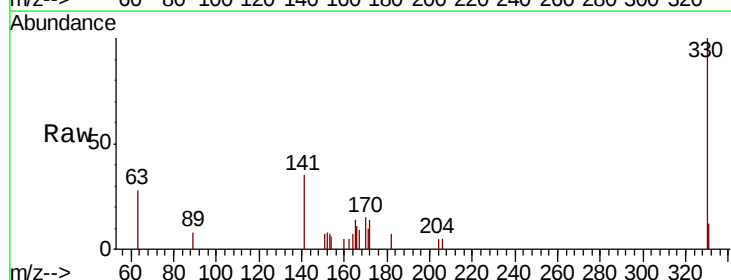
Delta R.T. -0.02 min

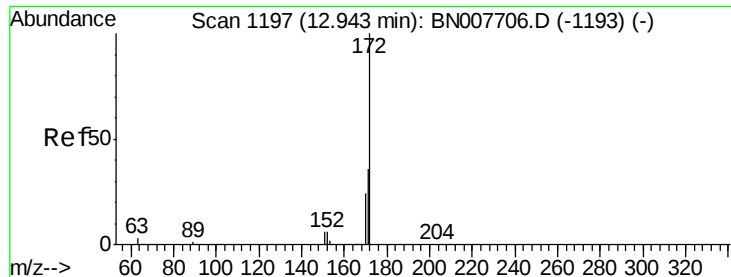
Lab File: BN008004.D

Acq: 04 Oct 2019 15:35

Tgt Ion:330 Resp: 2143

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.2	28.7	43.1

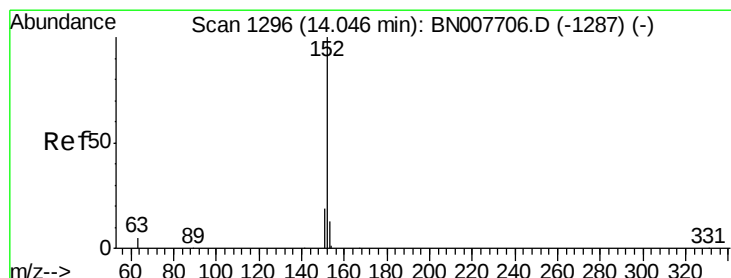
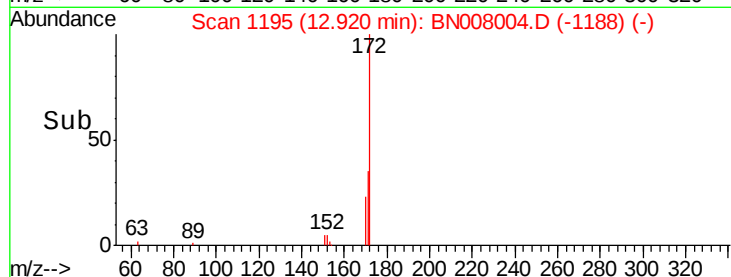
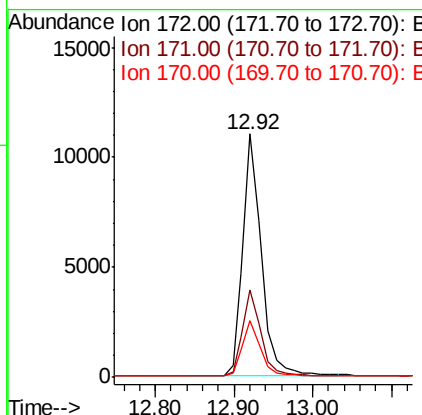
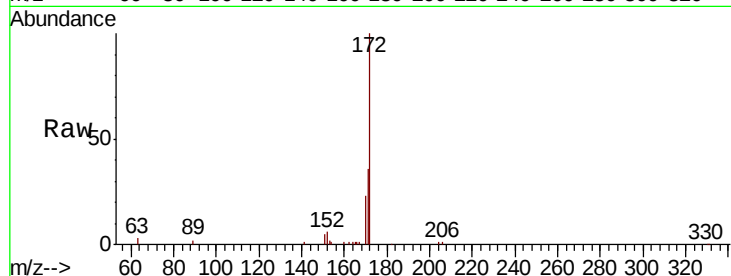




#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 12.92 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008004.D
Acq: 04 Oct 2019 15:35

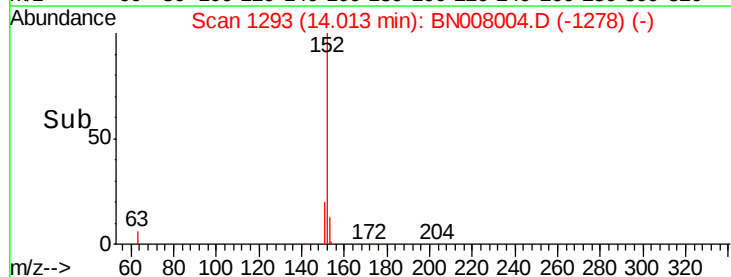
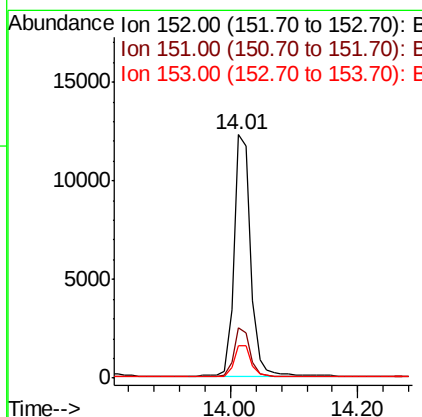
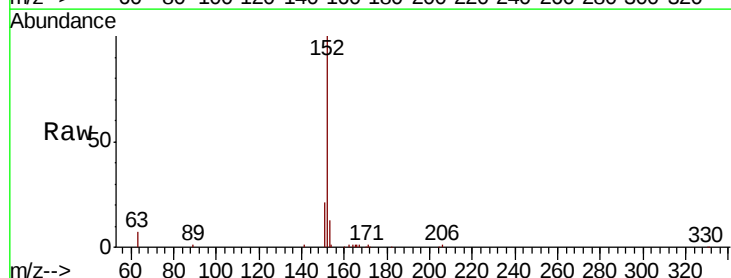
Instrument :
BNA_N
ClientSampled :

Tot Ion:172 Resp: 18187
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.3 19.5 29.3



#16
Acenaphthylene
Concen: 0.375 ng
RT: 14.01 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BN008004.D
Acq: 04 Oct 2019 15:35

Tgt Ion:152 Resp: 22421
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 13.2 10.4 15.6





#17

Acenaphthene

Concen: 0.368 ng

RT: 14.37 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN008004.D

Acq: 04 Oct 2019 15:35

Instrument :

BNA_N

ClientSampleId :

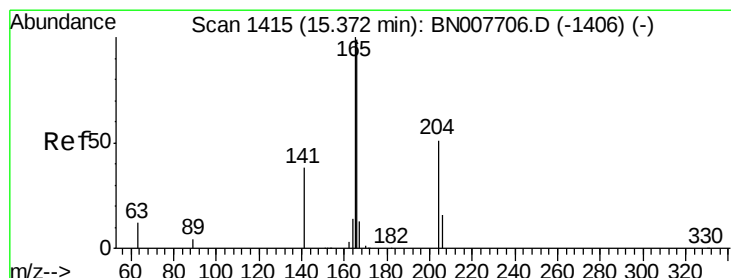
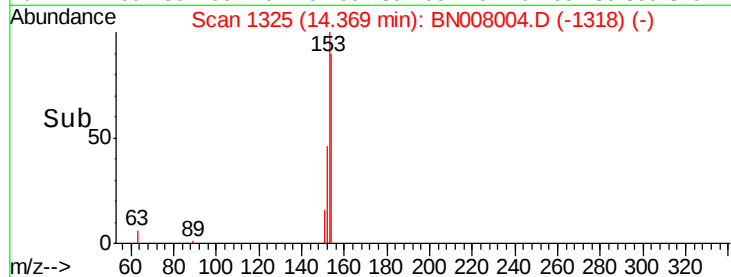
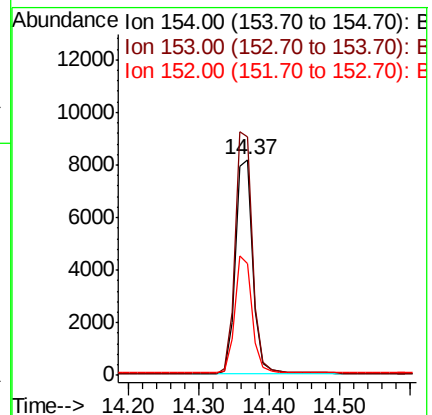
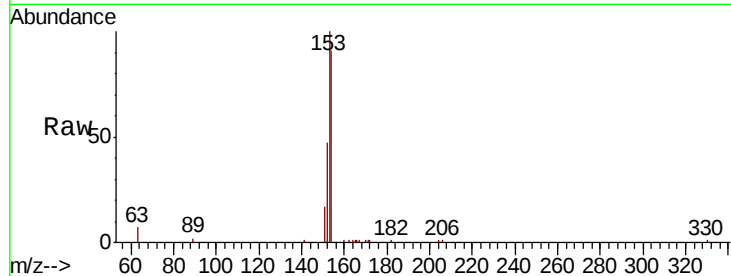
Tot Ion:154 Resp: 14182

Ion Ratio Lower Upper

154 100

153 113.4 87.0 130.4

152 54.5 42.7 64.1



#18

Fluorene

Concen: 0.367 ng

RT: 15.35 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BN008004.D

Acq: 04 Oct 2019 15:35

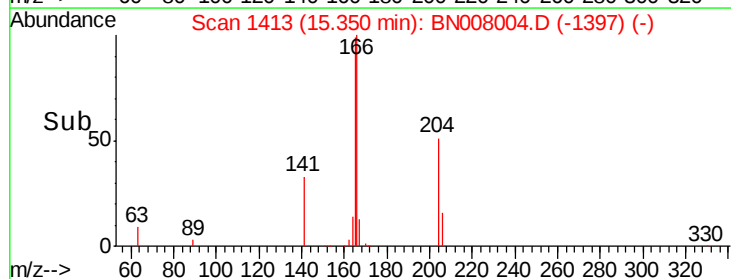
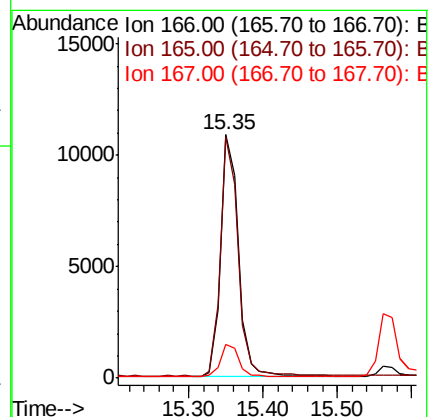
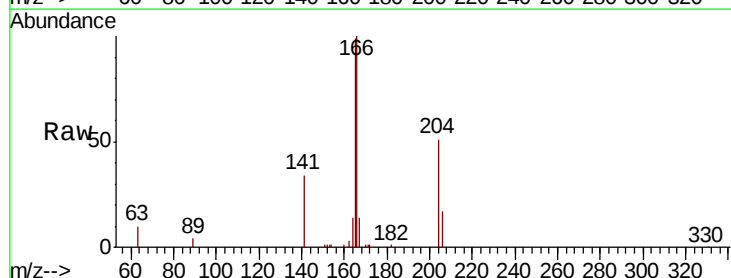
Tgt Ion:166 Resp: 18114

Ion Ratio Lower Upper

166 100

165 97.4 78.0 117.0

167 13.4 10.9 16.3

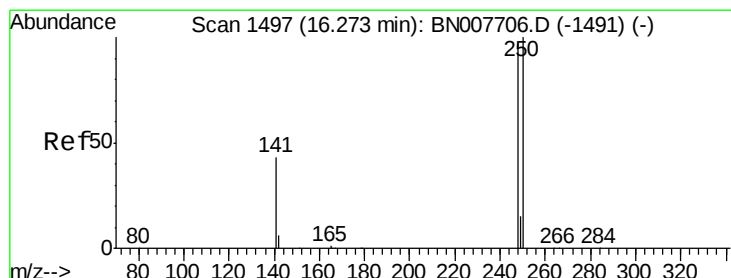
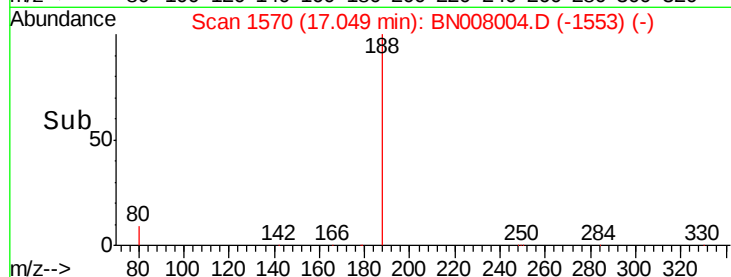
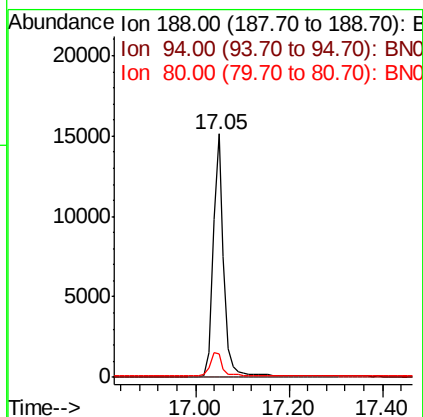
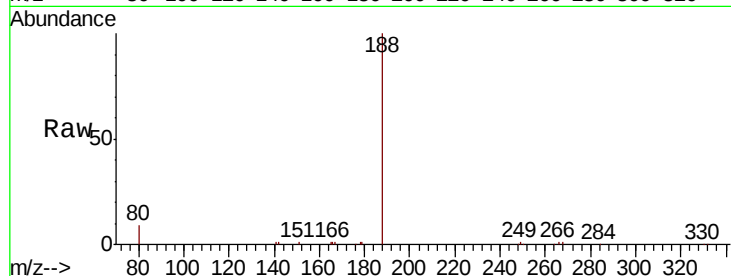




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BN008004.D
Acq: 04 Oct 2019 15:35

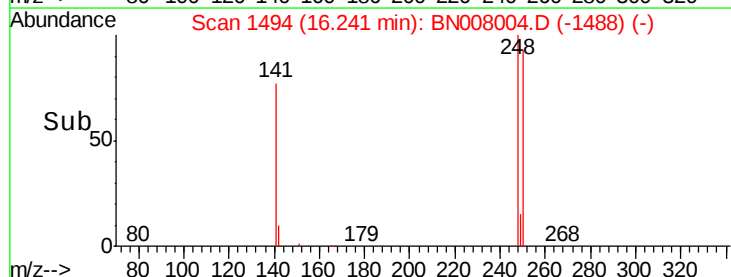
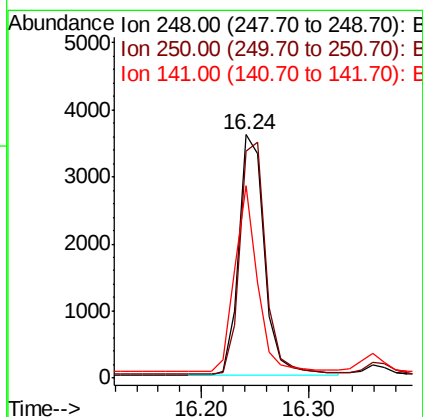
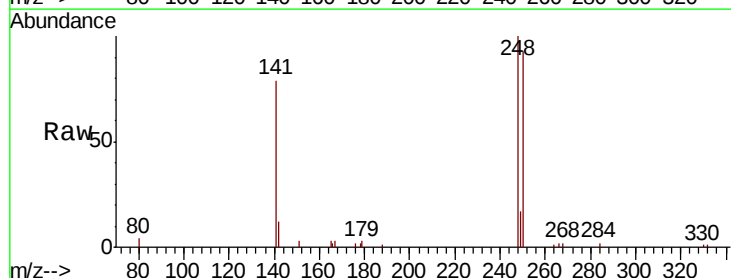
Instrument :
BNA_N
ClientSampleId :

Tot Ion:188 Resp: 24067
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 7.4 11.2



#20
4-Bromophenyl-phenylether
Concen: 0.406 ng
RT: 16.24 min Scan# 1494
Delta R.T. -0.03 min
Lab File: BN008004.D
Acq: 04 Oct 2019 15:35

Tgt Ion:248 Resp: 5927
Ion Ratio Lower Upper
248 100
250 93.2 82.2 123.4
141 78.8 36.3 54.5#

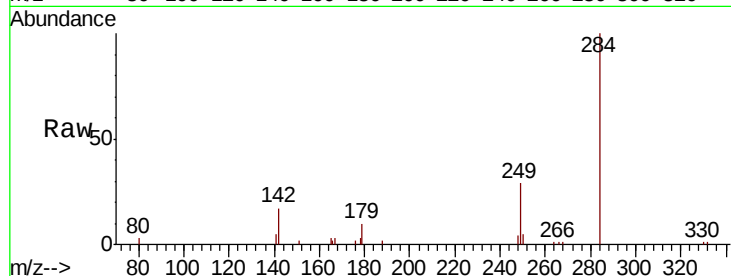




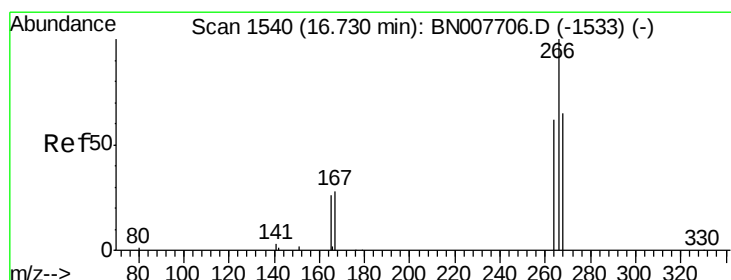
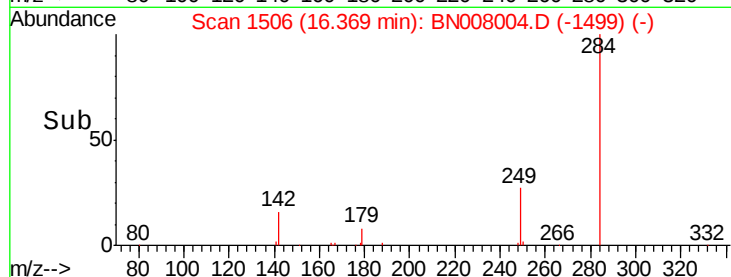
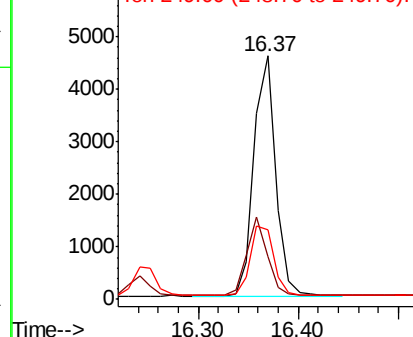
#21
Hexachlorobenzene
Concen: 0.433 ng
RT: 16.37 min Scan# 1506
Delta R.T. -0.02 min
Lab File: BN008004.D
Acq: 04 Oct 2019 15:35

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 6908
Ion Ratio Lower Upper
284 100
142 30.2 25.8 38.6
249 31.7 25.9 38.9

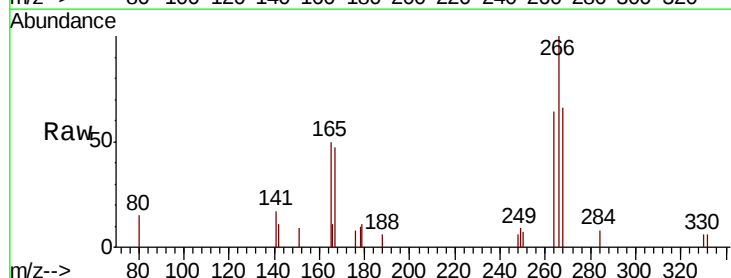


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

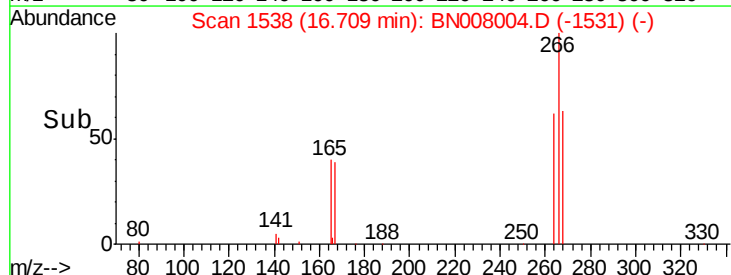
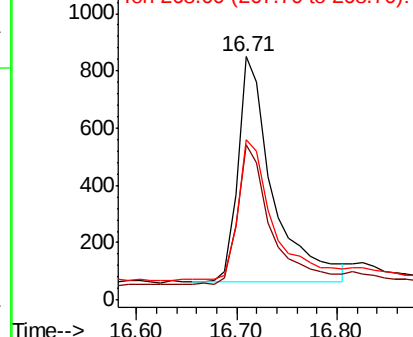


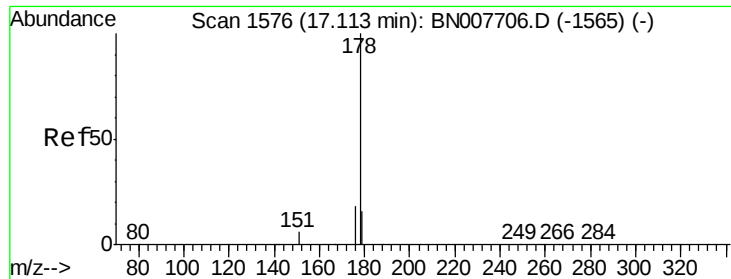
#22
Pentachlorophenol
Concen: 0.322 ng
RT: 16.71 min Scan# 1538
Delta R.T. -0.02 min
Lab File: BN008004.D
Acq: 04 Oct 2019 15:35

Tgt Ion:266 Resp: 1895
Ion Ratio Lower Upper
266 100
264 63.9 50.0 75.0
268 66.1 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: 0.397 ng

RT: 17.09 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BN008004.D

Acq: 04 Oct 2019 15:35

Instrument :

BNA_N

ClientSampleId :

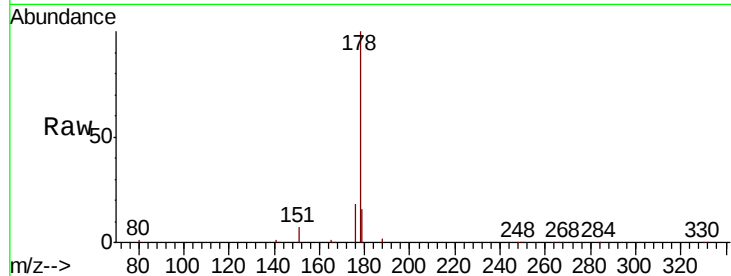
Tot Ion:178 Resp: 29753

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

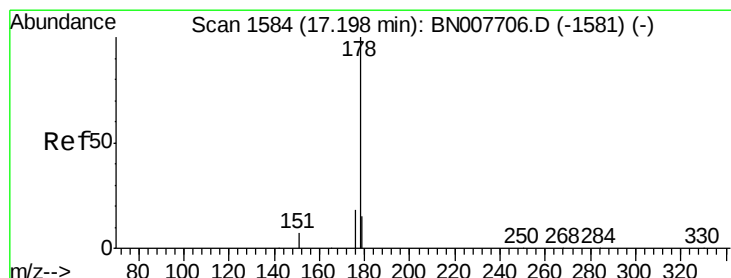
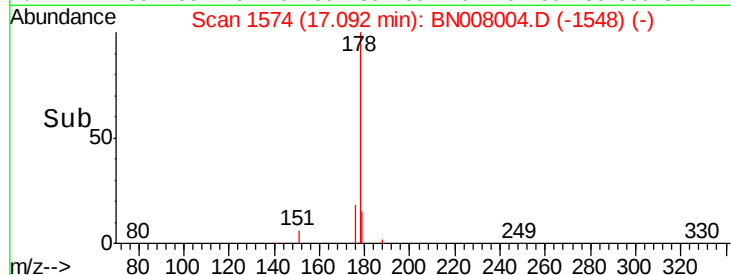
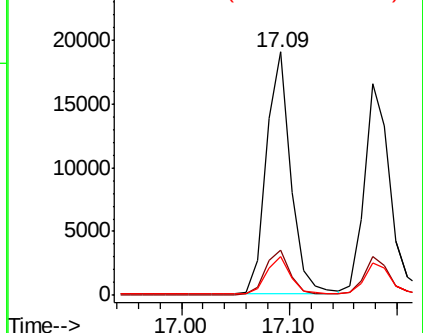
179 15.4 12.5 18.7



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: 0.404 ng

RT: 17.18 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BN008004.D

Acq: 04 Oct 2019 15:35

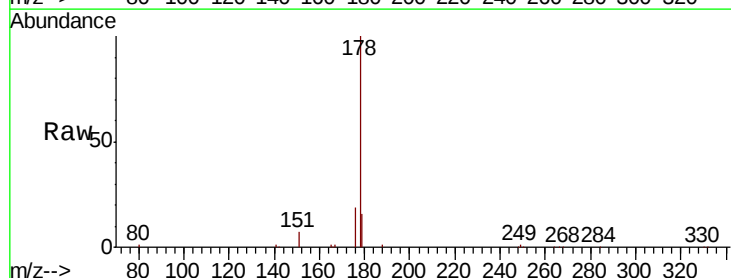
Tgt Ion:178 Resp: 27347

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

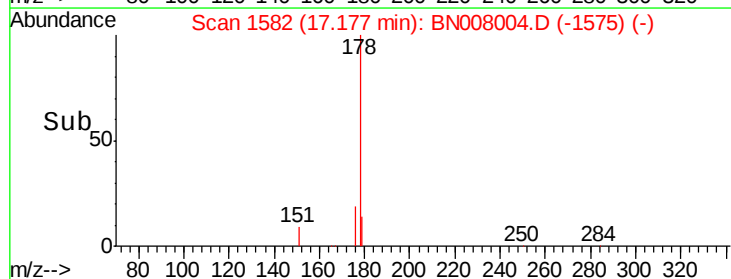
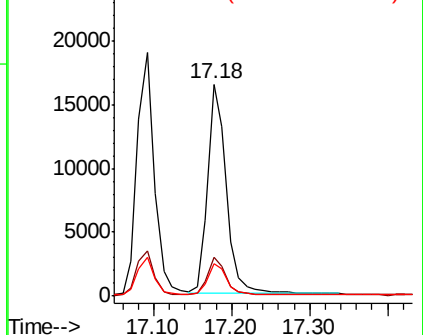
179 15.4 12.2 18.4

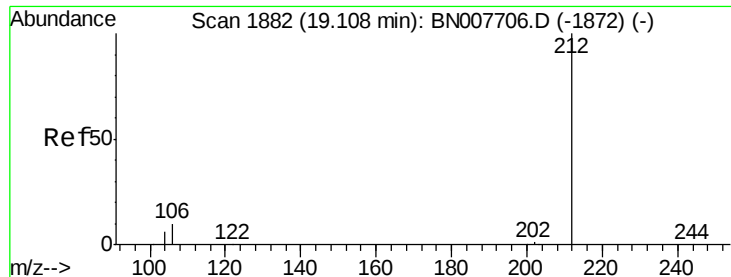


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

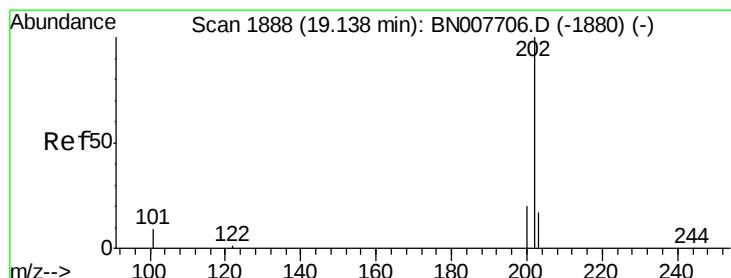
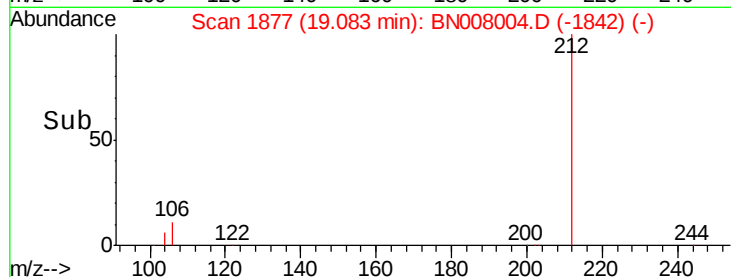
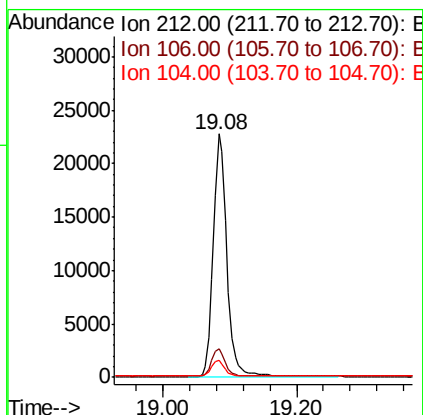
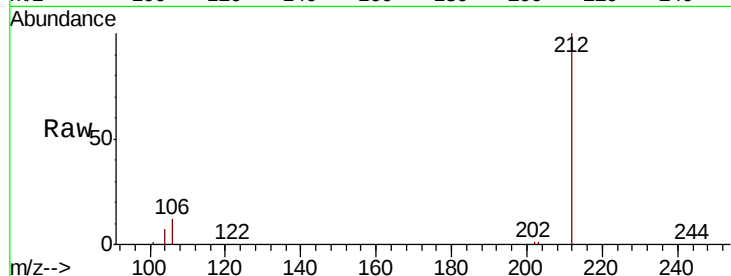




#25
 Fluoranthene-d10
 Concen: 0.398 ng
 RT: 19.08 min Scan# 1877
 Delta R.T. -0.02 min
 Lab File: BN008004.D
 Acq: 04 Oct 2019 15:35

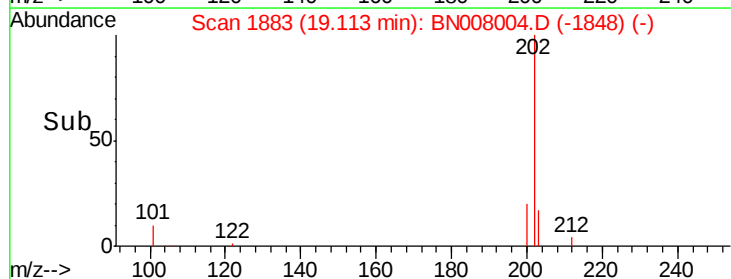
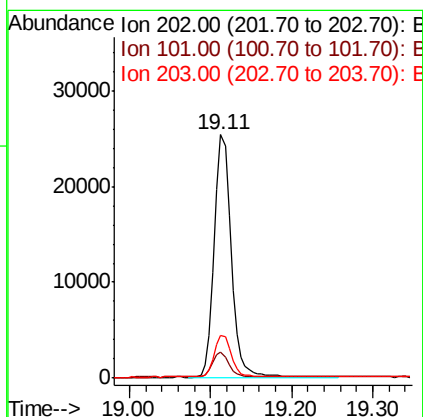
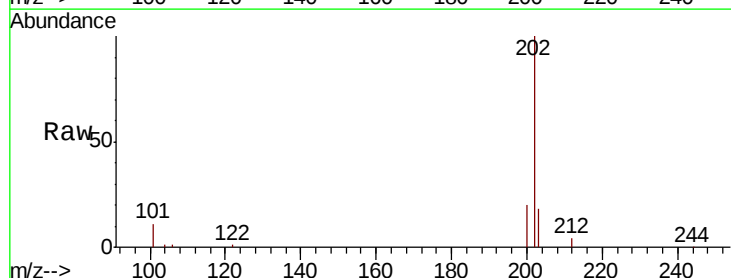
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:212 Resp: 32257
 Ion Ratio Lower Upper
 212 100
 106 11.2 9.4 14.0
 104 6.4 5.3 7.9



#26
 Fluoranthene
 Concen: 0.395 ng
 RT: 19.11 min Scan# 1883
 Delta R.T. -0.02 min
 Lab File: BN008004.D
 Acq: 04 Oct 2019 15:35

Tgt Ion:202 Resp: 36798
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.4 12.6
 203 17.1 13.8 20.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.25 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN008004.D

Acq: 04 Oct 2019 15:35

Instrument :

BNA_N

ClientSampled :

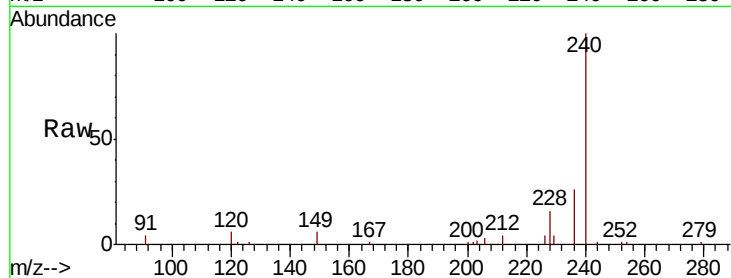
Tot Ion:240 Resp: 26022

Ion Ratio Lower Upper

240 100

120 6.4 5.4 8.2

236 26.0 21.0 31.4

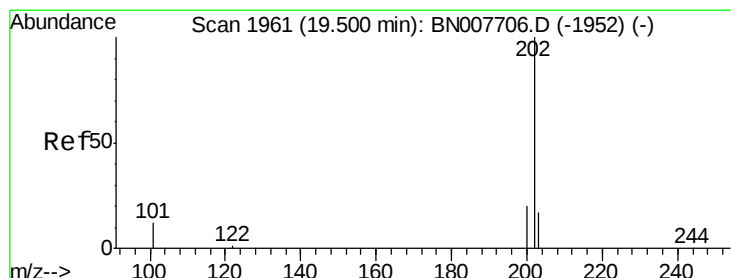
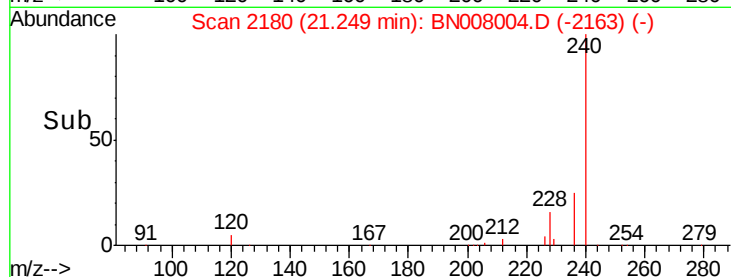
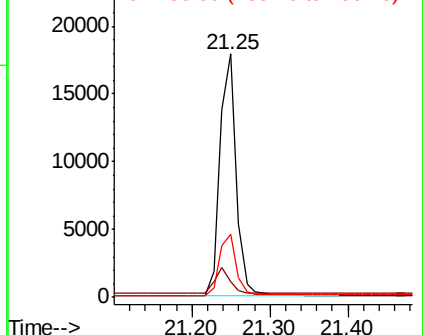


Abundance

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: 0.431 ng

RT: 19.48 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BN008004.D

Acq: 04 Oct 2019 15:35

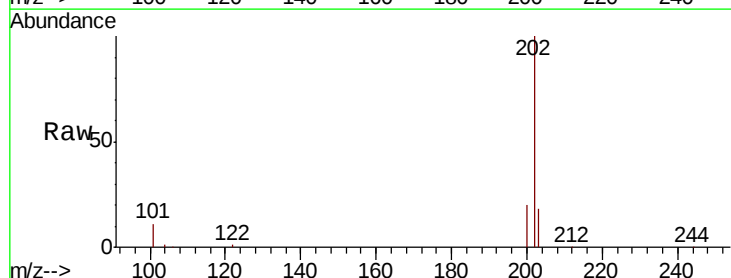
Tgt Ion:202 Resp: 38261

Ion Ratio Lower Upper

202 100

200 20.1 16.4 24.6

203 17.6 14.1 21.1

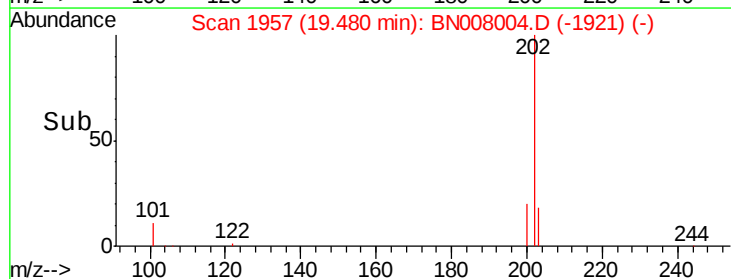
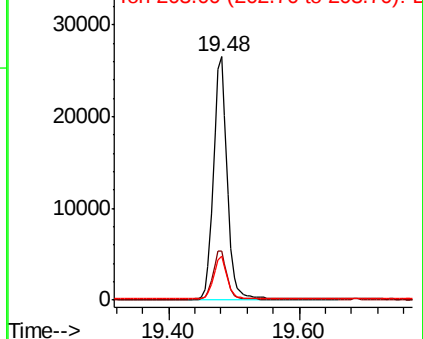


Abundance

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: 0.428 ng

RT: 19.69 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BN008004.D

Acq: 04 Oct 2019 15:35

Instrument :

BNA_N

ClientSampled :

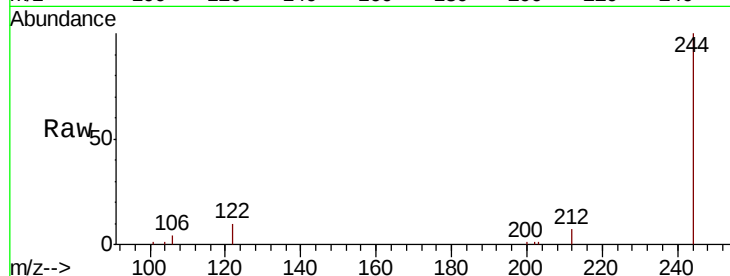
Tot Ion:244 Resp: 27341

Ion Ratio Lower Upper

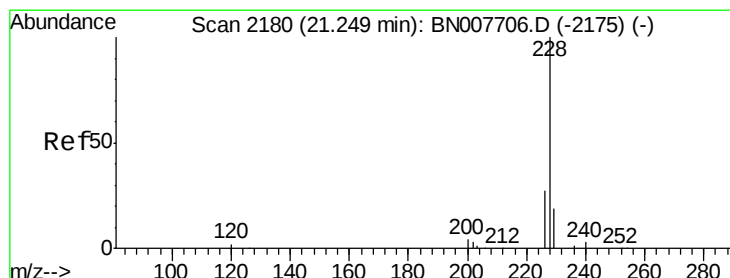
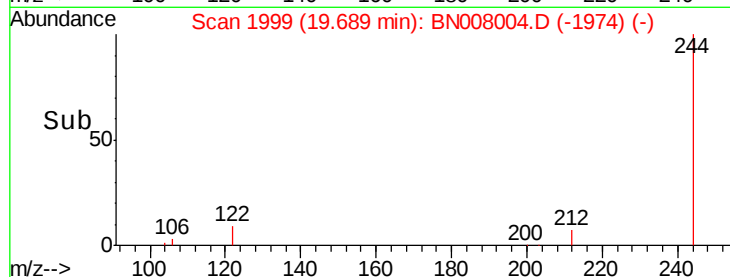
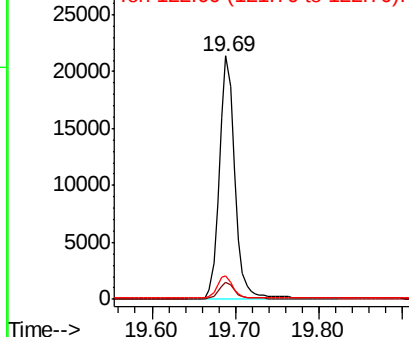
244 100

212 7.3 5.9 8.9

122 9.7 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: 0.408 ng

RT: 21.23 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BN008004.D

Acq: 04 Oct 2019 15:35

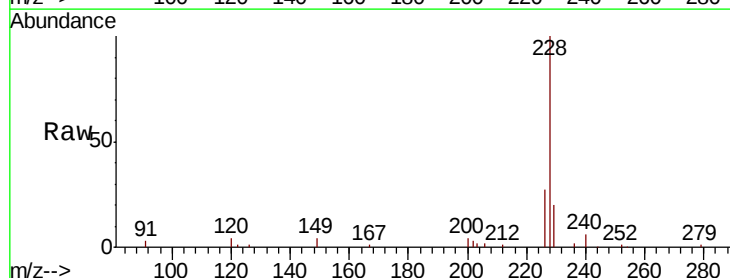
Tgt Ion:228 Resp: 39061

Ion Ratio Lower Upper

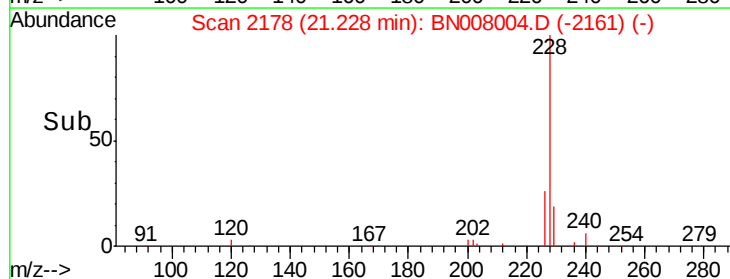
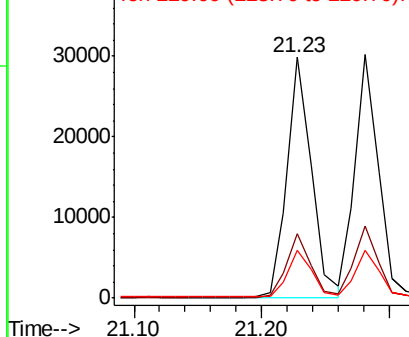
228 100

226 26.8 22.1 33.1

229 19.7 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: 0.407 ng

RT: 21.28 min Scan# 2183

Delta R.T. -0.02 min

Lab File: BN008004.D

Acq: 04 Oct 2019 15:35

Instrument :

BNA_N

ClientSampleId :

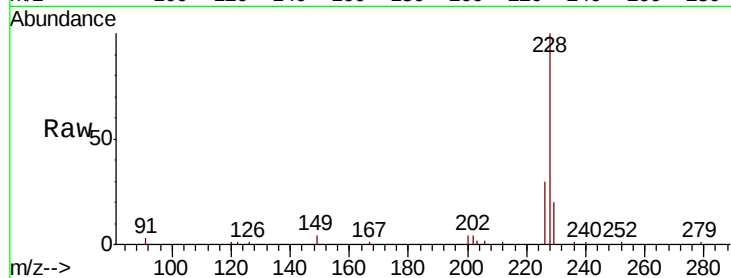
Tot Ion:228 Resp: 38001

Ion Ratio Lower Upper

228 100

226 29.5 23.9 35.9

229 19.7 15.8 23.6

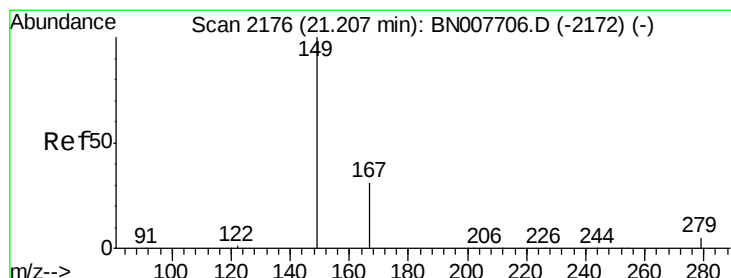
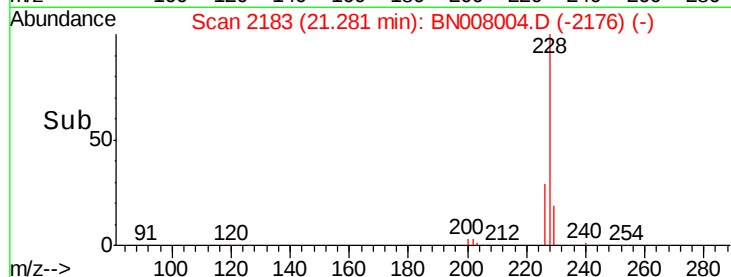
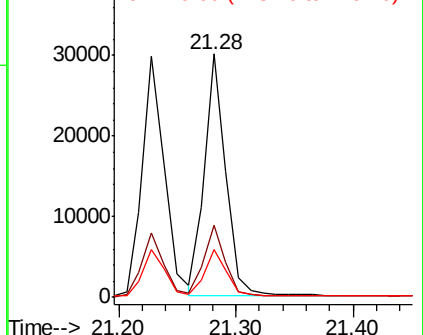


Abundance

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: 0.444 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.03 min

Lab File: BN008004.D

Acq: 04 Oct 2019 15:35

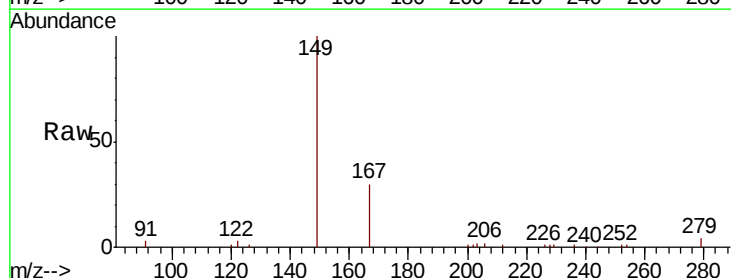
Tgt Ion:149 Resp: 21882

Ion Ratio Lower Upper

149 100

167 29.9 23.7 35.5

279 5.4 4.2 6.2

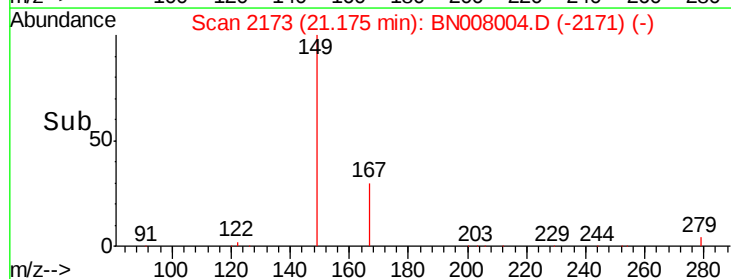
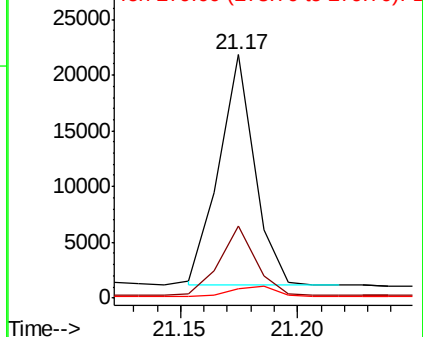


Abundance

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: 0.396 ng

RT: 25.65 min Scan# 3238

Delta R.T. -0.05 min

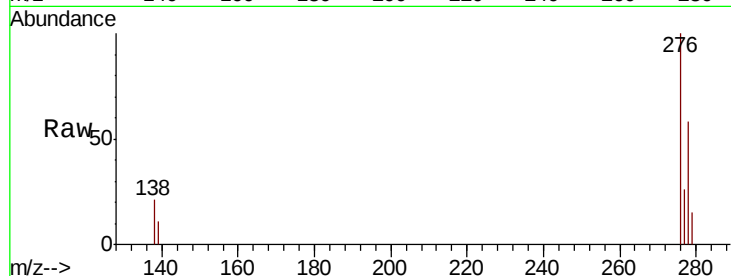
Lab File: BN008004.D

Acq: 04 Oct 2019 15:35

Instrument :

BNA_N

ClientSampleId :



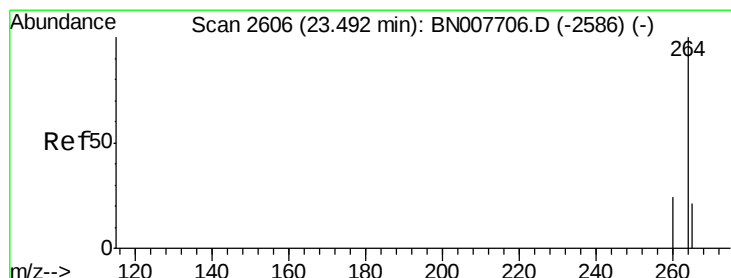
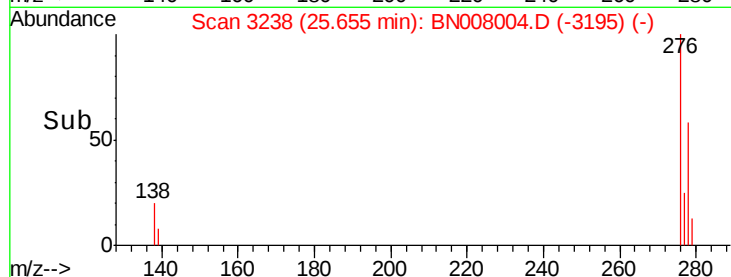
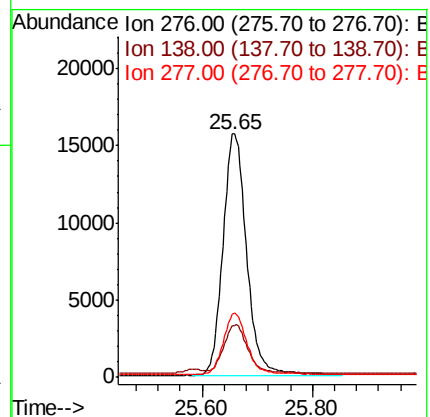
Tot Ion:276 Resp: 46353

Ion Ratio Lower Upper

276 100

138 19.7 17.1 25.7

277 24.7 20.0 30.0



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.46 min Scan# 2596

Delta R.T. -0.03 min

Lab File: BN008004.D

Acq: 04 Oct 2019 15:35

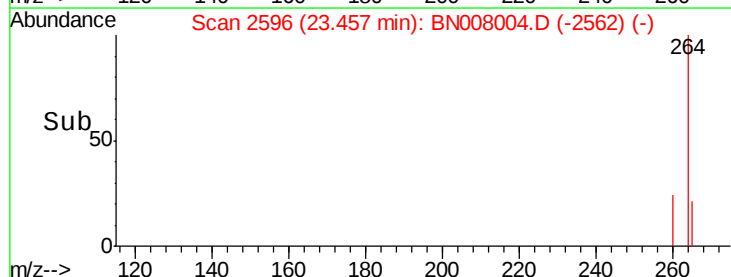
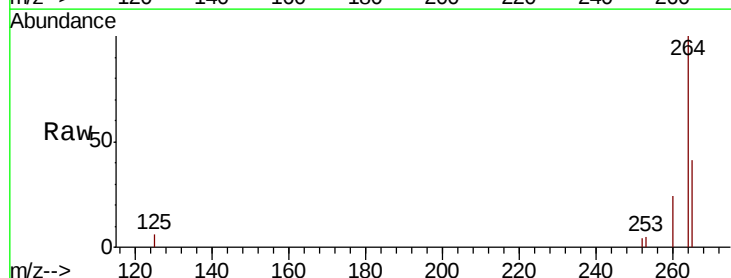
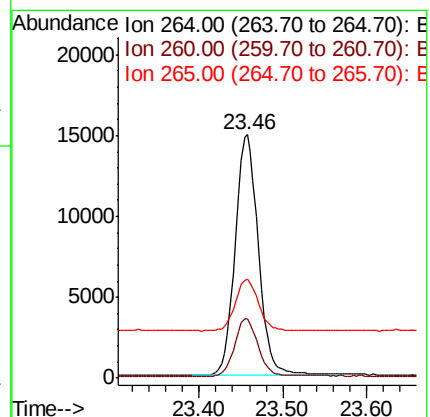
Tgt Ion:264 Resp: 28511

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 40.6 26.9 40.3#

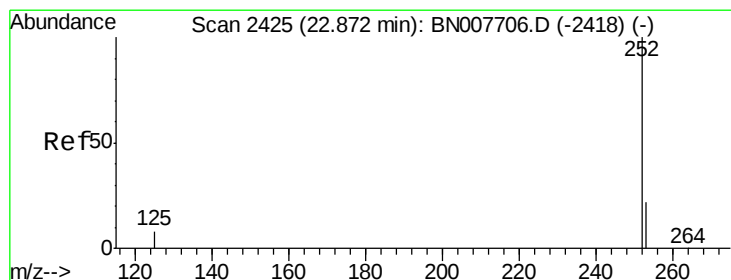
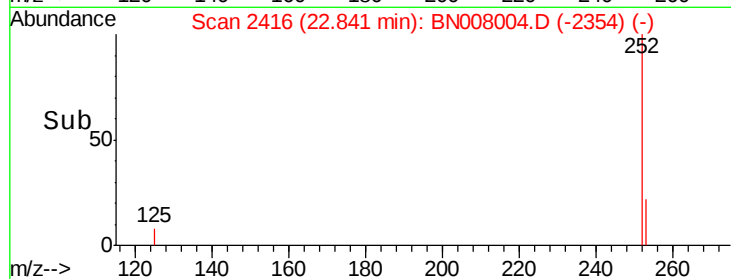
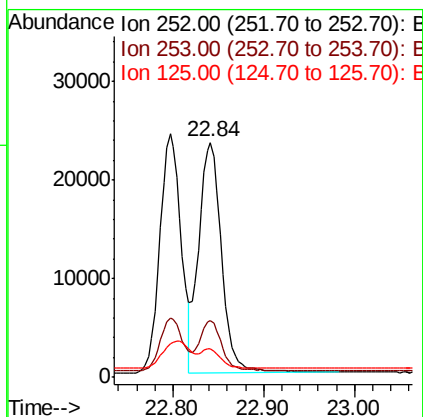
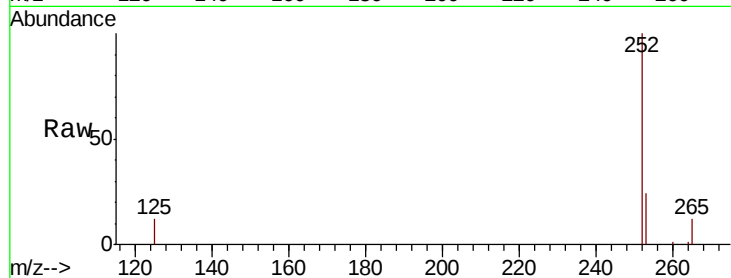




#35
Benzo(b)fluoranthene
Concen: 0.409 ng
RT: 22.84 min Scan# 2416
Delta R.T. 0.01 min
Lab File: BN008004.D
Acq: 04 Oct 2019 15:35

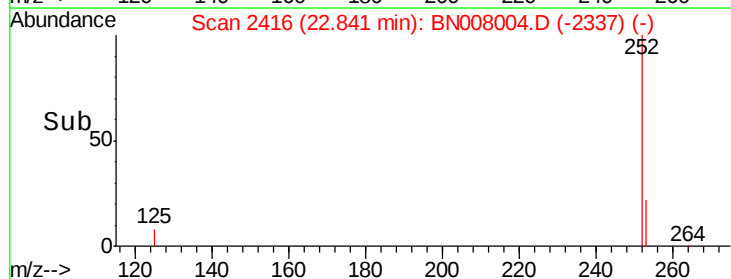
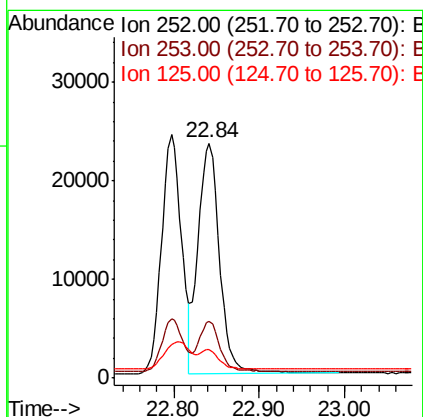
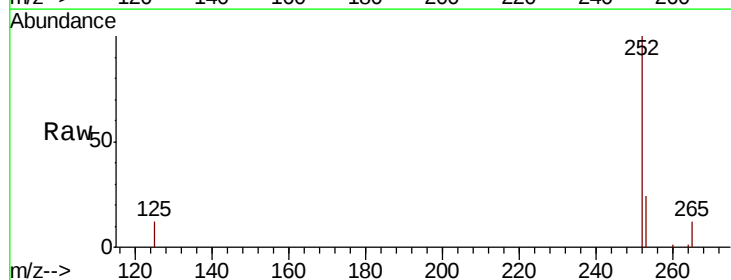
Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 40471
Ion Ratio Lower Upper
252 100
253 24.2 18.3 27.5
125 11.9 8.2 12.4



#36
Benzo(k)fluoranthene
Concen: 0.415 ng
RT: 22.84 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BN008004.D
Acq: 04 Oct 2019 15:35

Tgt Ion:252 Resp: 40587
Ion Ratio Lower Upper
252 100
253 24.2 18.5 27.7
125 11.9 8.4 12.6





#37

Benzo(a)pyrene

Concen: 0.406 ng

RT: 23.36 min Scan# 2568

Delta R.T. -0.03 min

Lab File: BN008004.D

Acq: 04 Oct 2019 15:35

Instrument :

BNA_N

ClientSampled :

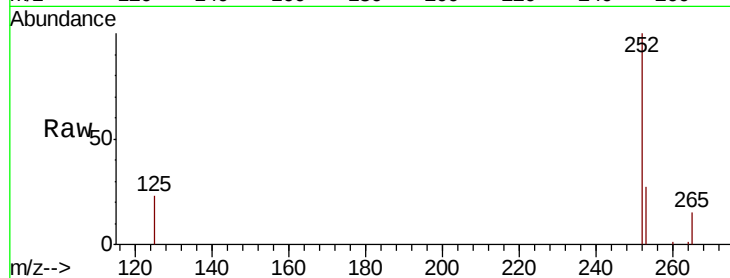
Tot Ion:252 Resp: 37737

Ion Ratio Lower Upper

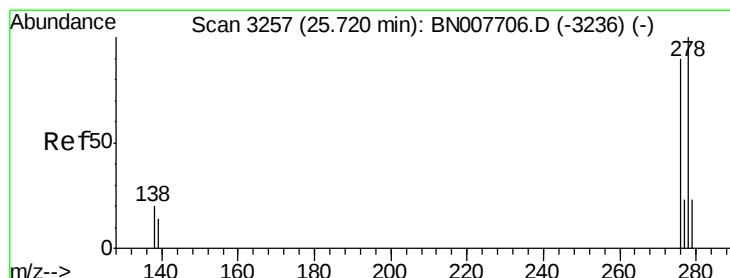
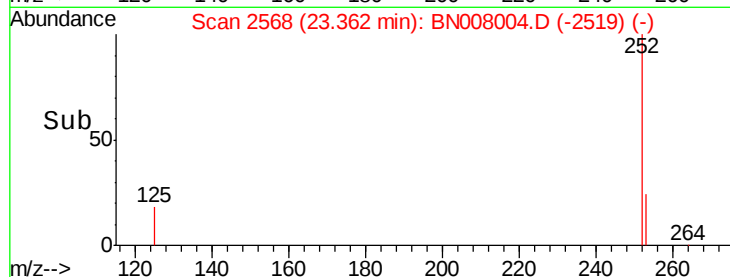
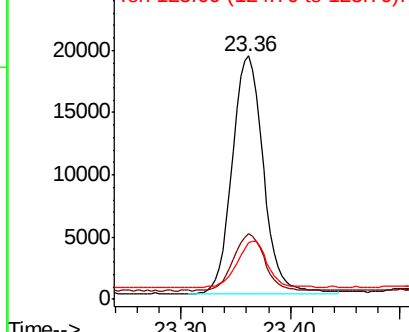
252 100

253 26.9 18.6 27.8

125 23.2 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# 3242

Delta R.T. -0.05 min

Lab File: BN008004.D

Acq: 04 Oct 2019 15:35

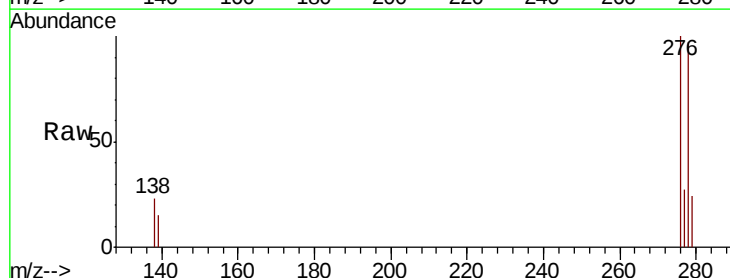
Tgt Ion:278 Resp: 37867

Ion Ratio Lower Upper

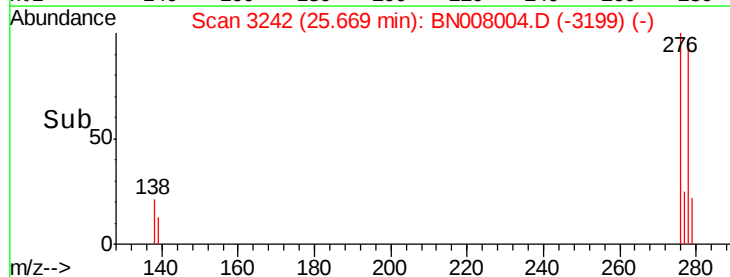
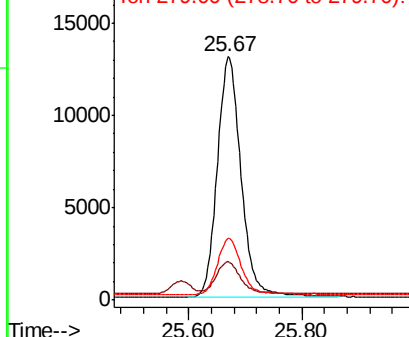
278 100

139 16.0 11.8 17.6

279 25.3 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: 0.402 ng

RT: 26.33 min Scan# 3435

Delta R.T. -0.05 min

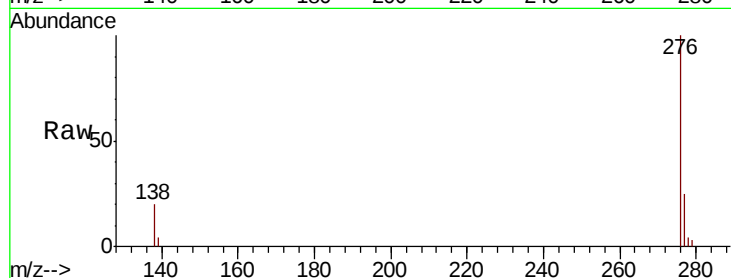
Lab File: BN008004.D

Acq: 04 Oct 2019 15:35

Instrument :

BNA_N

ClientSampleId :



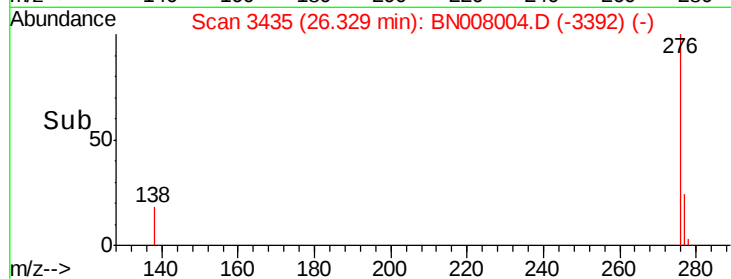
Tot Ion: 276 Resp: 37872

Ion Ratio Lower Upper

276 100

277 25.3 19.8 29.8

138 19.8 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

