

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
 Data File : BN008904.D
 Acq On : 10 Dec 2019 13:50
 Operator : JU
 Sample : K5111-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 10 15:03:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 17:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2674	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	10724	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	7941	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	19011	0.40	ng	0.00
27) Chrysene-d12	21.13	240	18076	0.40	ng	0.00
34) Perylene-d12	23.28	264	17858	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	2636	0.39	ng	0.00
5) Phenol-d6	6.75	99	3533	0.38	ng	0.00
8) Nitrobenzene-d5	8.69	82	3252	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	6878	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	1261	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	10956	0.36	ng	0.00
25) Fluoranthene-d10	18.97	212	20057	0.35	ng	0.00
29) Terphenyl-d14	19.58	244	16704	0.40	ng	0.00

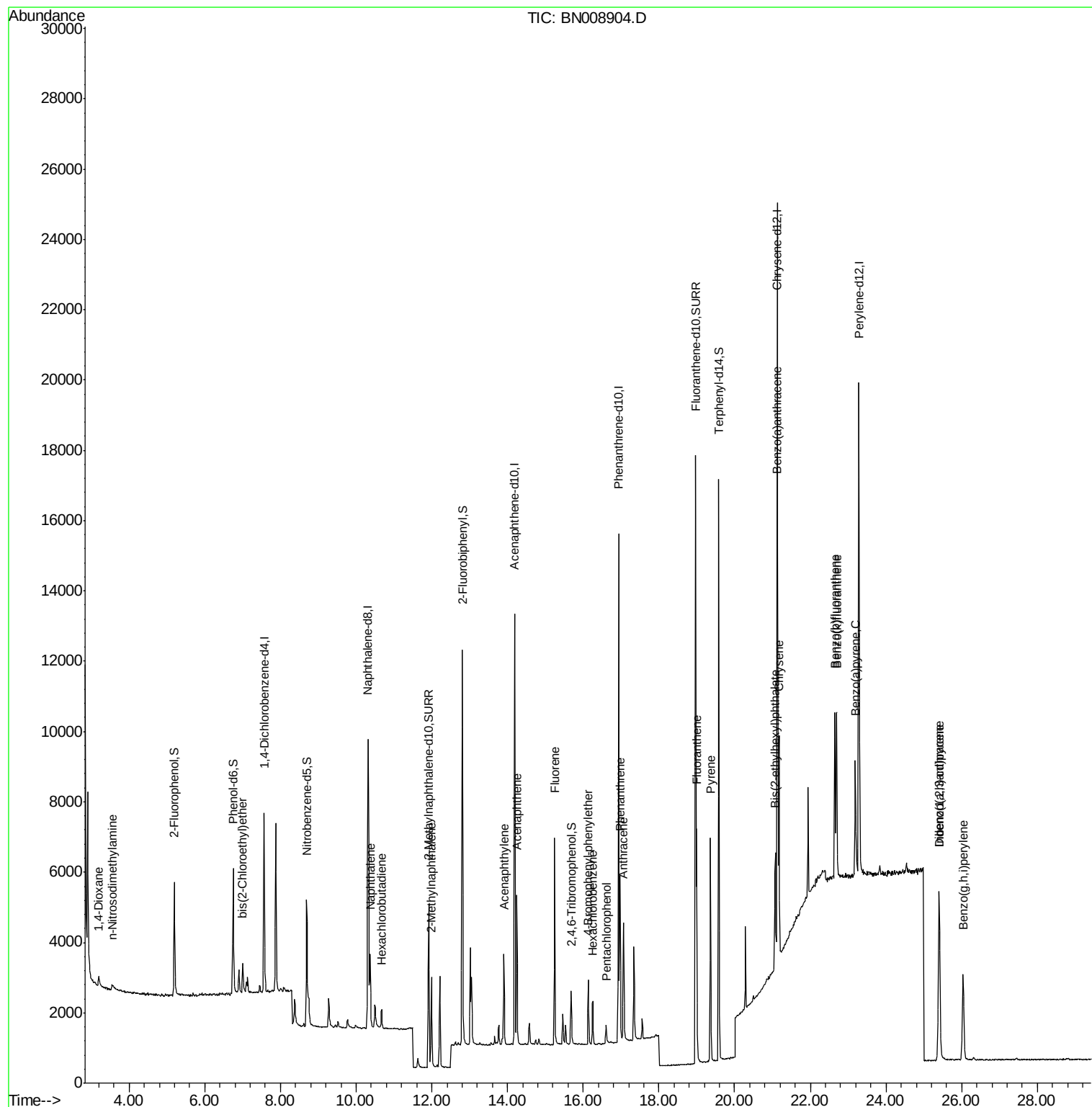
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	215	0.086	ng	92
3) n-Nitrosodimethylamine	3.55	42	165	0.048	ng	# 98
6) bis(2-Chloroethyl)ether	7.00	93	778	0.088	ng	95
9) Naphthalene	10.37	128	2641	0.090	ng	94
10) Hexachlorobutadiene	10.67	225	474	0.085	ng	# 100
12) 2-Methylnaphthalene	11.99	142	1969	0.090	ng	95
16) Acenaphthylene	13.90	152	2895	0.080	ng	99
17) Acenaphthene	14.25	154	2027	0.084	ng	97
18) Fluorene	15.24	166	2831	0.087	ng	99
20) 4-Bromophenyl-phenylether	16.14	248	924	0.081	ng	94
21) Hexachlorobenzene	16.25	284	1035	0.080	ng	98
22) Pentachlorophenol	16.60	266	379	0.081	ng	91
23) Phenanthrene	16.97	178	5006	0.084	ng	100
24) Anthracene	17.06	178	4235	0.080	ng	100
26) Fluoranthene	19.00	202	5851	0.082	ng	99
28) Pyrene	19.36	202	5830	0.092	ng	99
30) Benzo(a)anthracene	21.12	228	5388	0.084	ng	98
31) Chrysene	21.17	228	5894	0.089	ng	97
32) Bis(2-ethylhexyl)phthalate	21.08	149	2055	0.068	ng	97
33) Indeno(1,2,3-cd)pyrene	25.40	276	5435	0.077	ng	98
35) Benzo(b)fluoranthene	22.65	252	5654	0.088	ng	# 77
36) Benzo(k)fluoranthene	22.69	252	5833	0.091	ng	# 74
37) Benzo(a)pyrene	23.19	252	4688	0.082	ng	# 66
38) Dibenzo(a,h)anthracene	25.41	278	4494	0.083	ng	# 86
39) Benzo(g,h,i)perylene	26.04	276	4848	0.091	ng	# 92

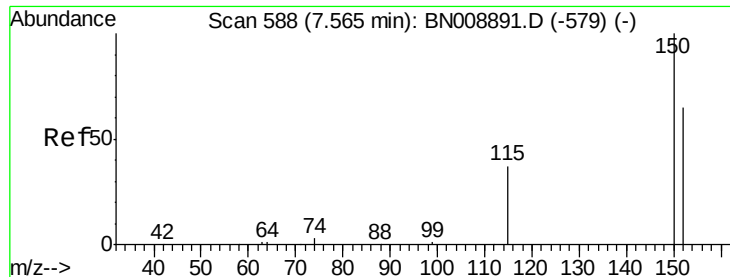
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.56 min Scan# 588

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Instrument :

BNA_N

ClientSampleId :

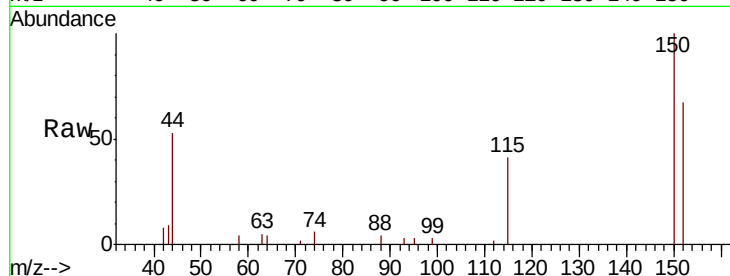
Tot Ion:152 Resp: 2674

Ion Ratio Lower Upper

152 100

150 150.1 122.3 183.5

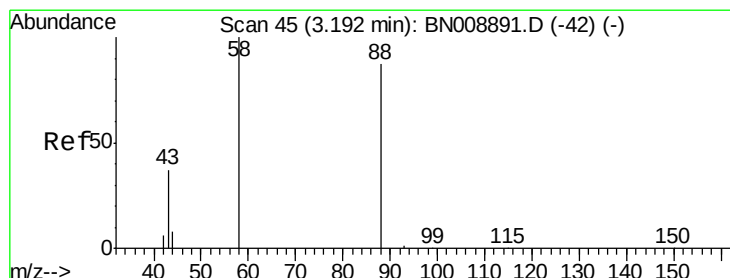
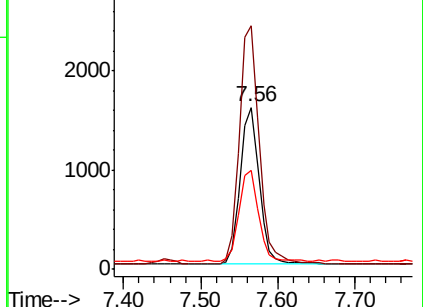
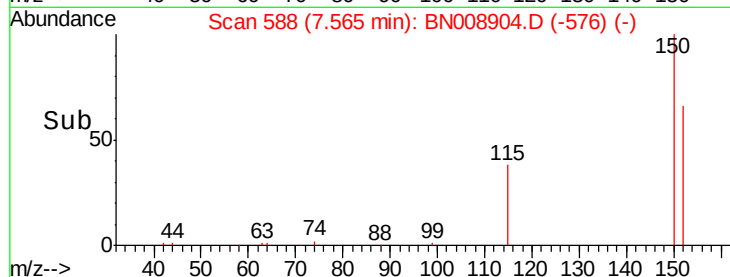
115 60.8 48.4 72.6



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: 0.086 ng

RT: 3.20 min Scan# 46

Delta R.T. 0.01 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

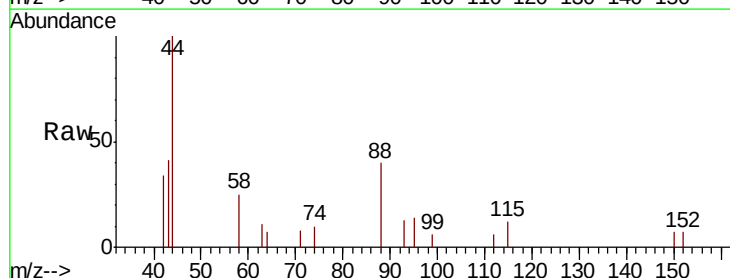
Tgt Ion: 88 Resp: 215

Ion Ratio Lower Upper

88 100

58 100.5 88.6 132.8

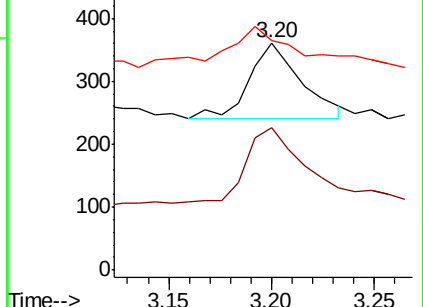
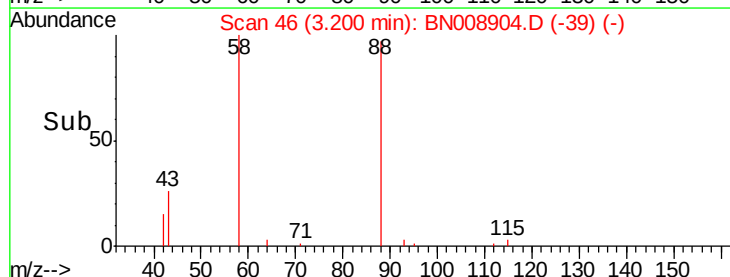
43 41.4 31.8 47.8

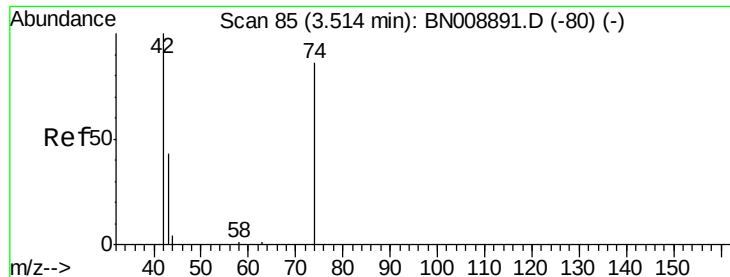


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



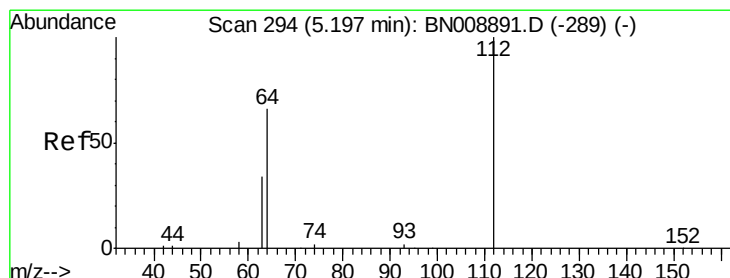
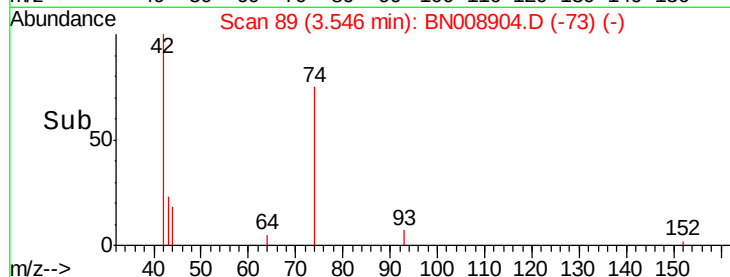
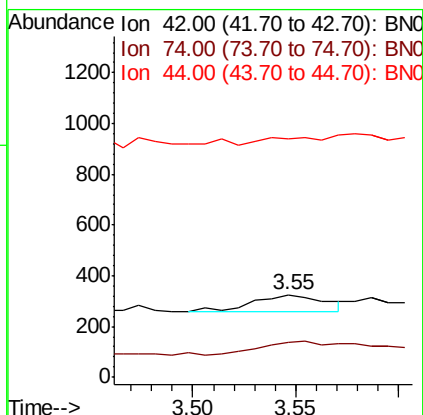
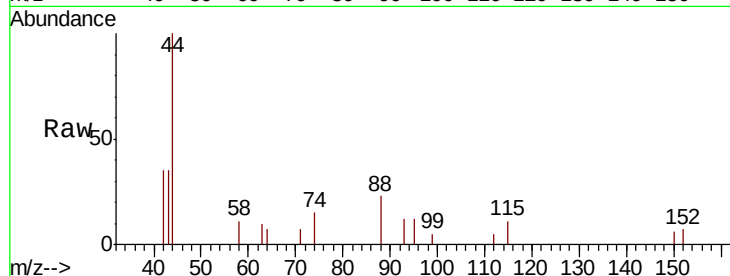


#3

n-Nitrosodimethylamine
 Concen: 0.048 ng
 RT: 3.55 min Scan# 89
 Delta R.T. 0.03 min
 Lab File: BN008904.D
 Acq: 10 Dec 2019 13:50

Instrument :
 BNA_N
 ClientSampleId :

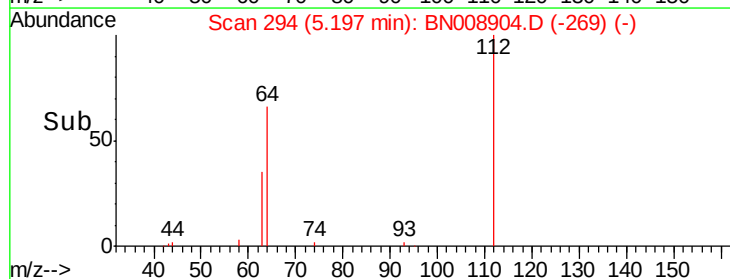
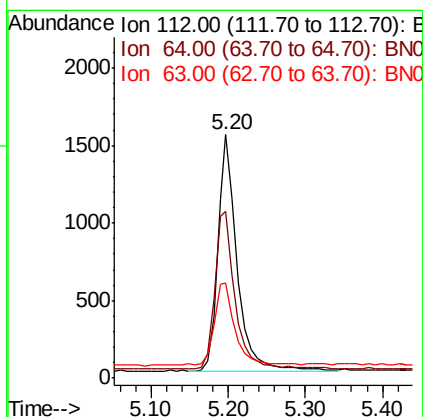
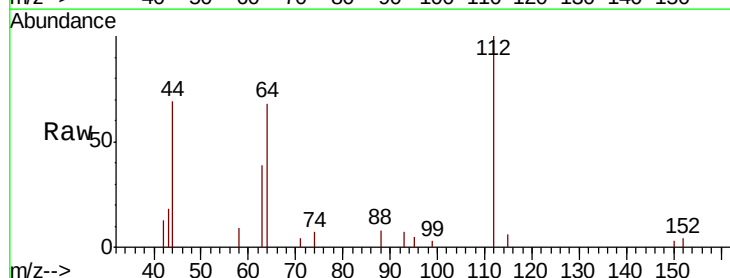
Tot Ion: 42 Resp: 165
 Ion Ratio Lower Upper
 42 100
 74 95.8 78.6 117.8
 44 0.0 0.0 0.0

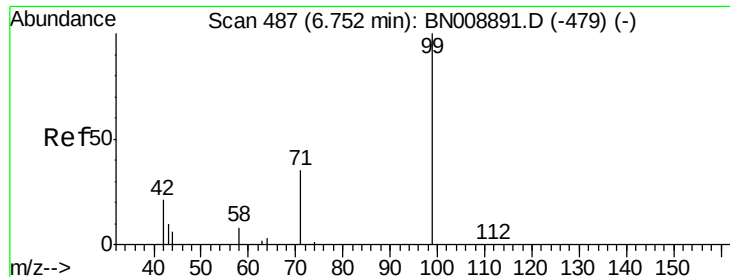


#4

2-Fluorophenol
 Concen: 0.388 ng
 RT: 5.20 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: BN008904.D
 Acq: 10 Dec 2019 13:50

Tgt Ion: 112 Resp: 2636
 Ion Ratio Lower Upper
 112 100
 64 72.2 57.7 86.5
 63 37.6 29.6 44.4





#5

Phenol-d6

Concen: 0.376 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Instrument :

BNA_N

ClientSampleId :

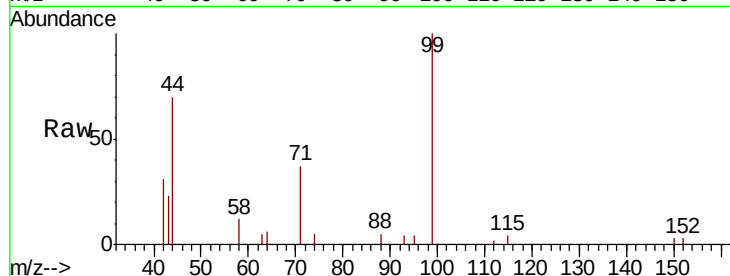
Tot Ion: 99 Resp: 3533

Ion Ratio Lower Upper

99 100

42 25.6 20.1 30.1

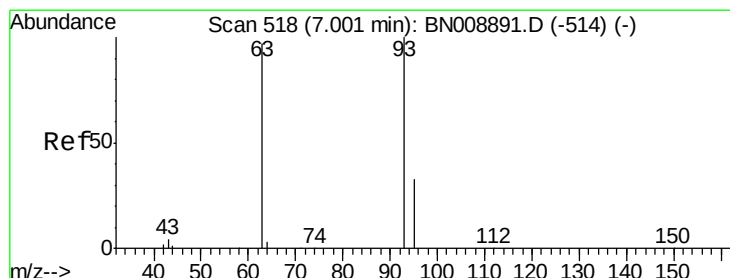
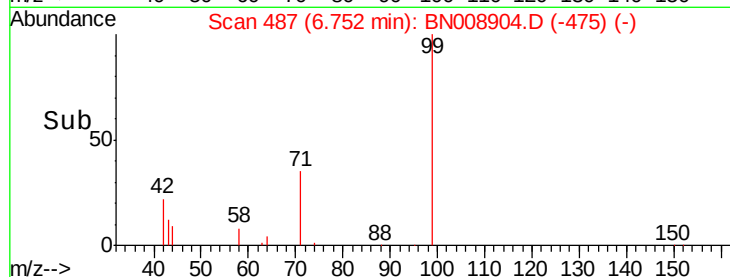
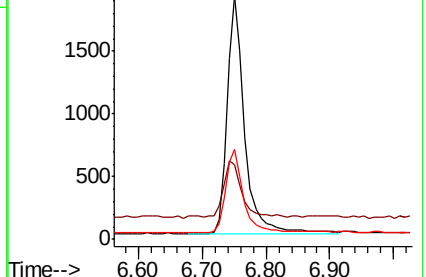
71 36.4 28.2 42.2



Abundance Ion 99.00 (98.70 to 99.70): BN008891.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN008891.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN008891.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.088 ng

RT: 7.00 min Scan# 518

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

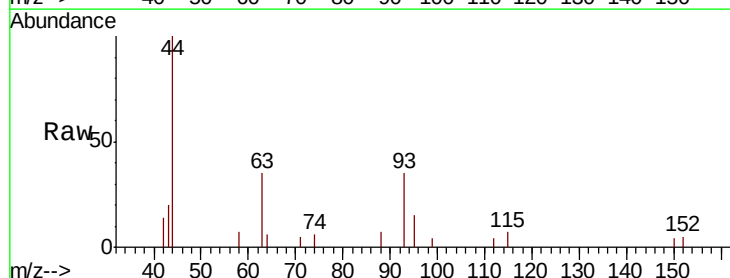
Tgt Ion: 93 Resp: 778

Ion Ratio Lower Upper

93 100

63 86.6 73.5 110.3

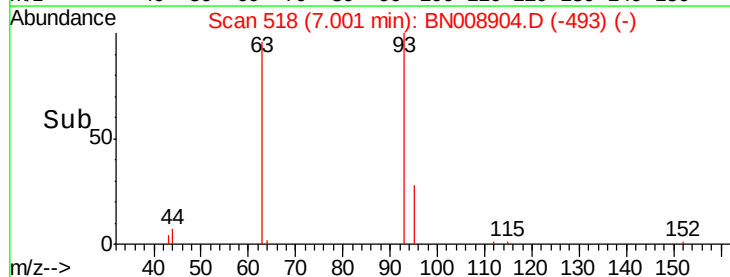
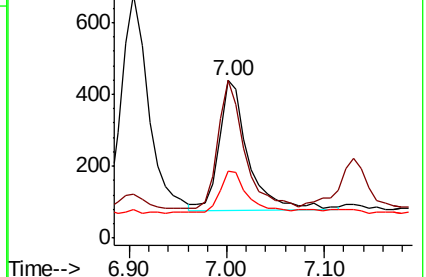
95 30.1 26.0 39.0

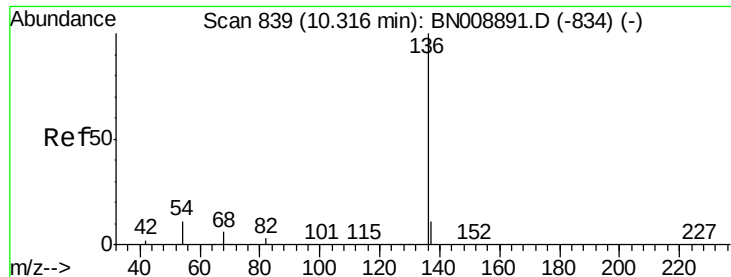


Abundance Ion 93.00 (92.70 to 93.70): BN008891.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN008891.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN008891.D (-514) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 10724

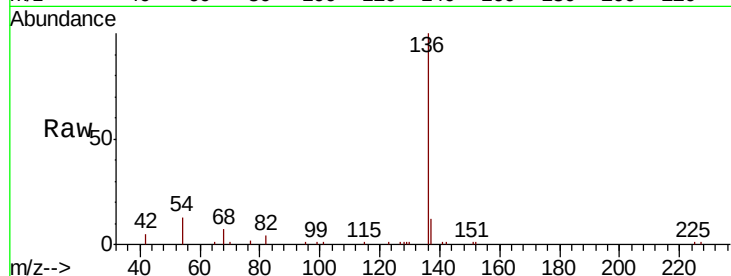
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 12.5 9.6 14.4

68 6.9 5.6 8.4

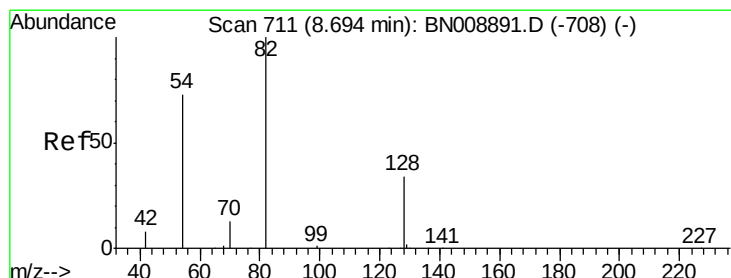
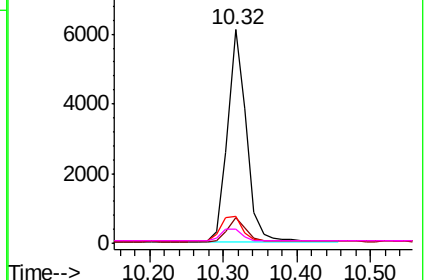
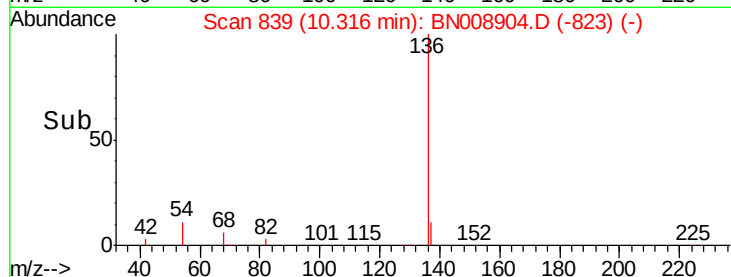


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.358 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

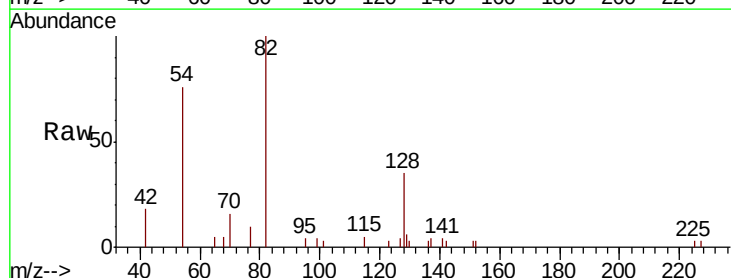
Tgt Ion: 82 Resp: 3252

Ion Ratio Lower Upper

82 100

128 35.5 29.1 43.7

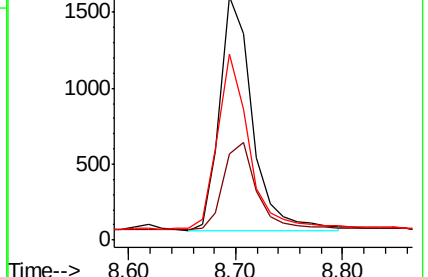
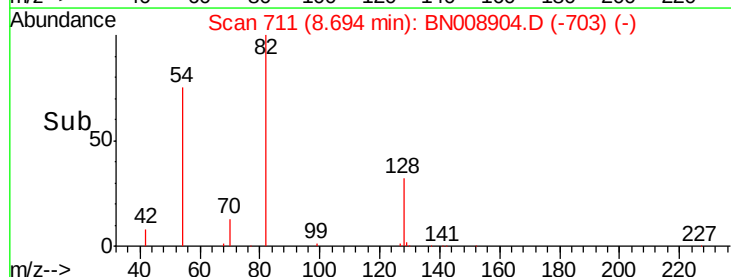
54 76.2 59.7 89.5

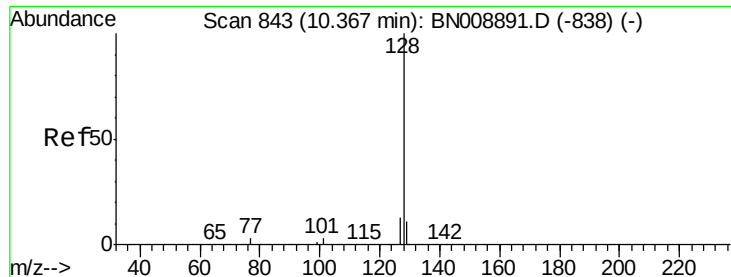


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.090 ng

RT: 10.37 min Scan# 843

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Instrument :

BNA_N

ClientSampleId :

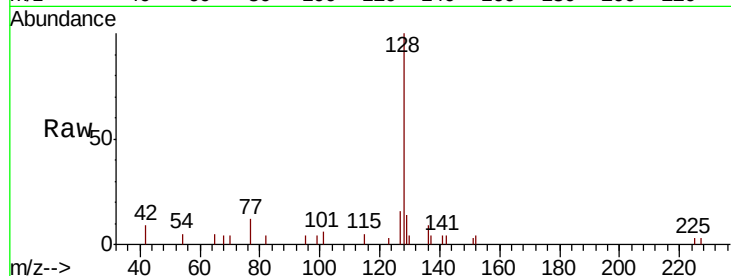
Tot Ion:128 Resp: 2641

Ion Ratio Lower Upper

128 100

129 13.9 9.4 14.0

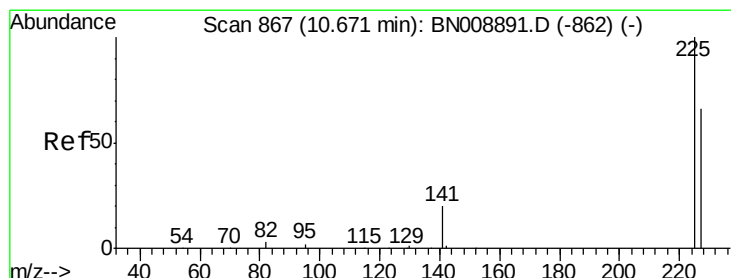
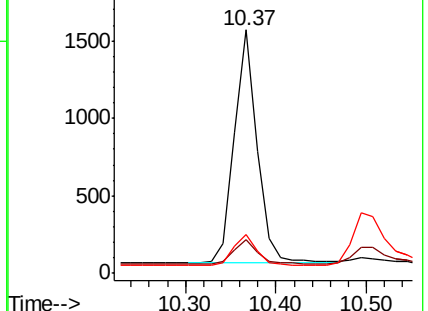
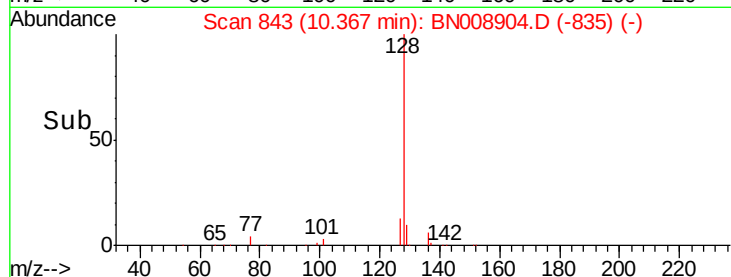
127 16.0 10.8 16.2



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: 0.085 ng

RT: 10.67 min Scan# 867

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

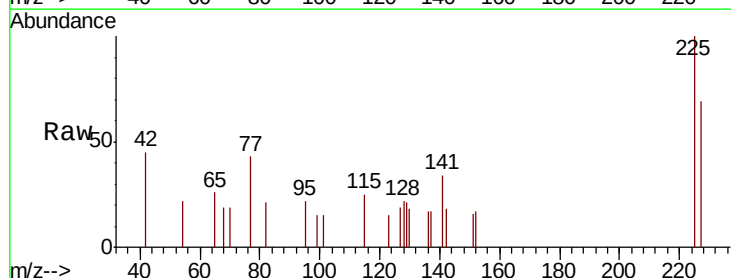
Tgt Ion:225 Resp: 474

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

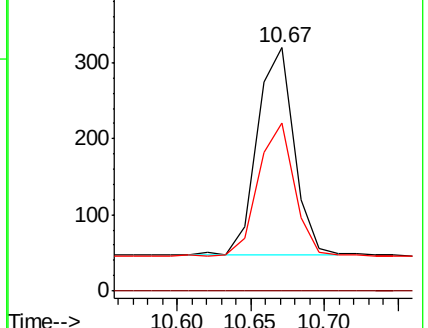
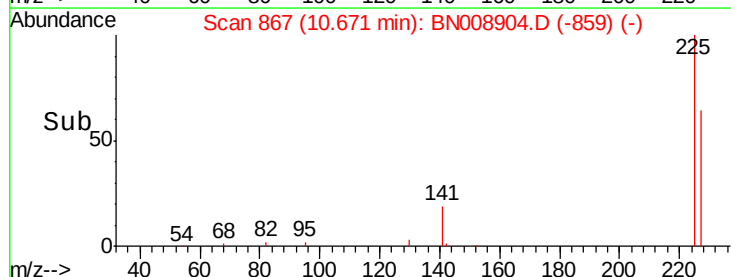
227 64.6 51.4 77.2

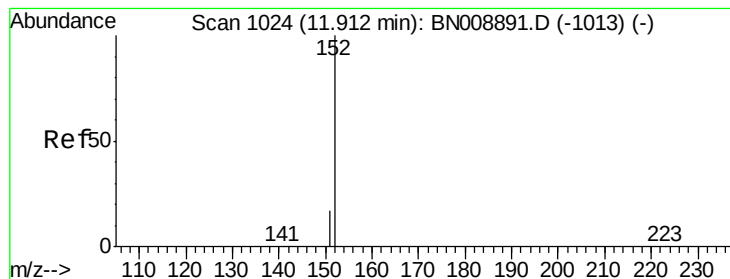


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.375 ng

RT: 11.91 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Instrument :

BNA_N

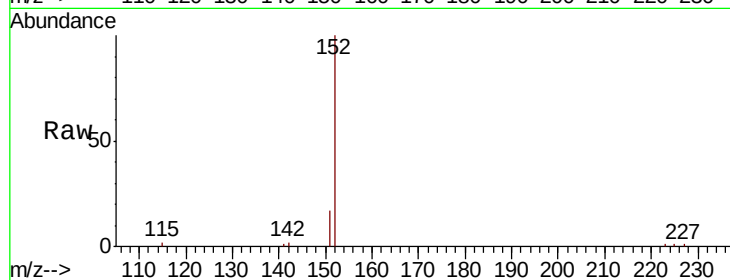
ClientSampleId :

Tot Ion:152 Resp: 6878

Ion Ratio Lower Upper

152 100

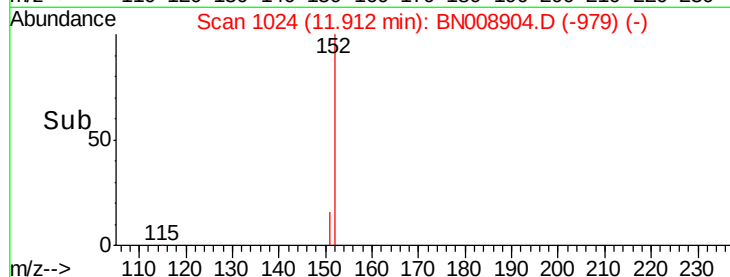
151 18.9 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.91



4000

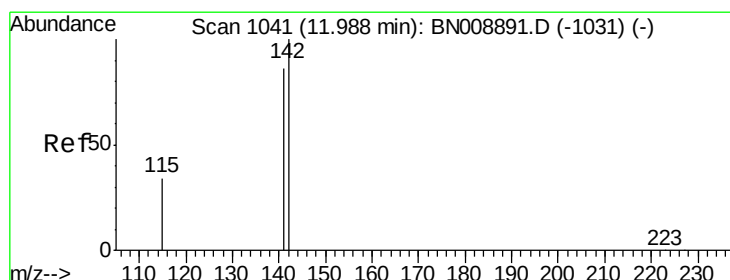
3000

2000

1000

0

Time--> 11.80 11.90 12.00 12.10



#12

2-Methylnaphthalene

Concen: 0.090 ng

RT: 11.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

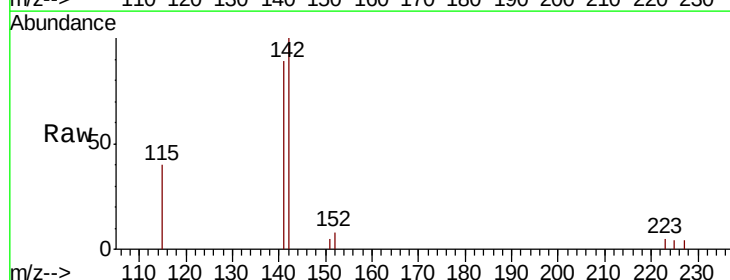
Tgt Ion:142 Resp: 1969

Ion Ratio Lower Upper

142 100

141 89.3 69.3 103.9

115 40.0 27.9 41.9

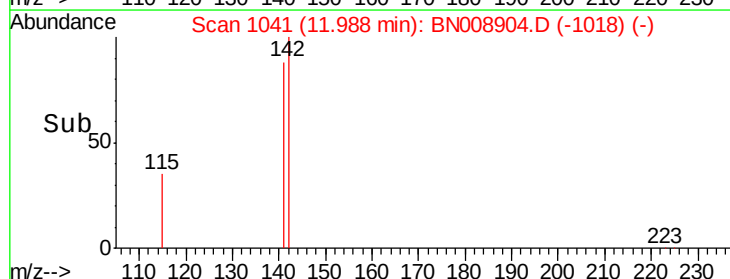


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.99



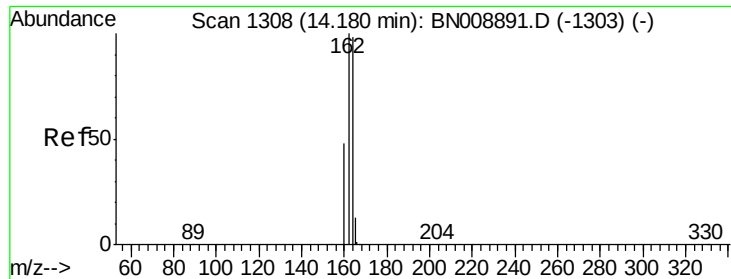
1500

1000

500

0

Time--> 11.90 12.00 12.10



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

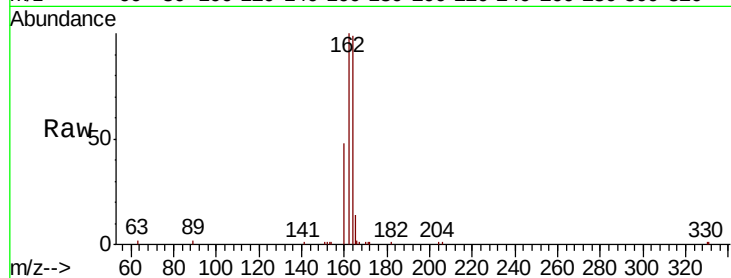
Instrument :

BNA_N

ClientSampleId :

Tot Ion:164 Resp: 7941

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.9	122.9
160	48.5	39.3	58.9

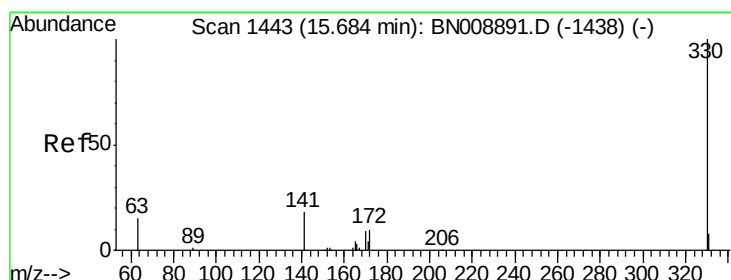
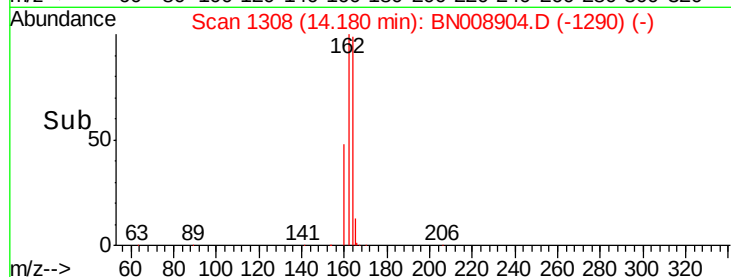
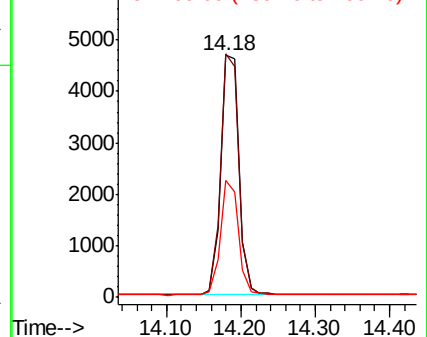


Abundance

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: 0.331 ng

RT: 15.68 min Scan# 1443

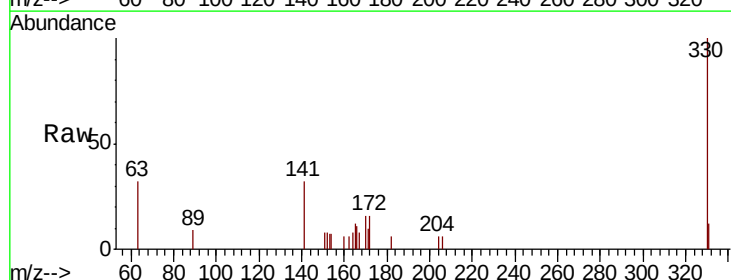
Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Tgt Ion:330 Resp: 1261

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.3	29.6	44.4

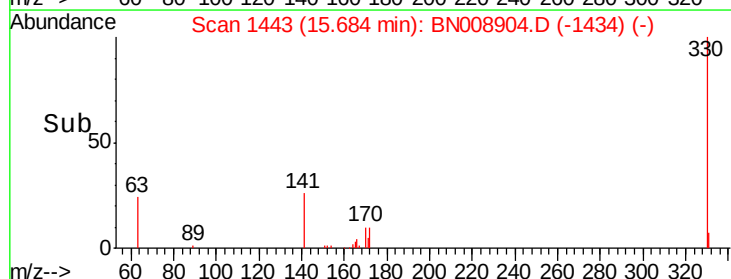
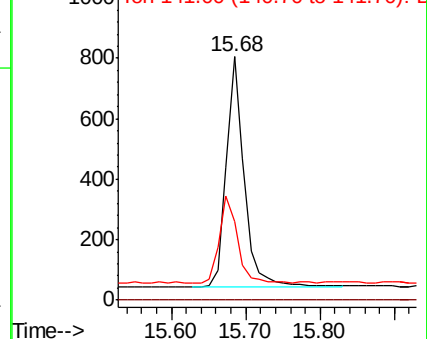


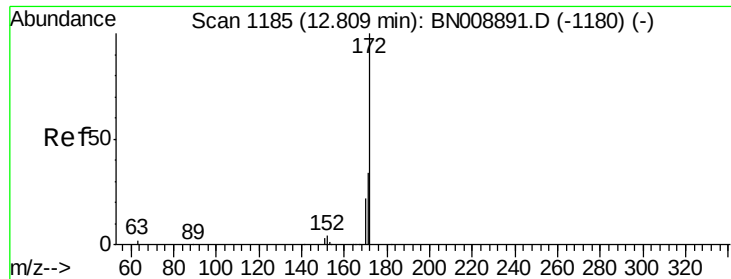
Abundance

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

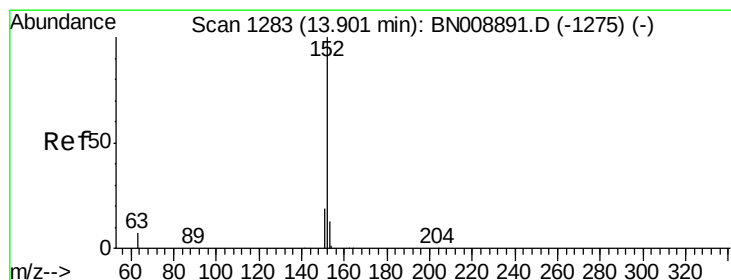
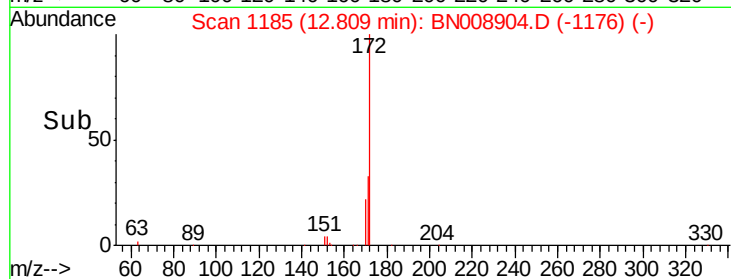
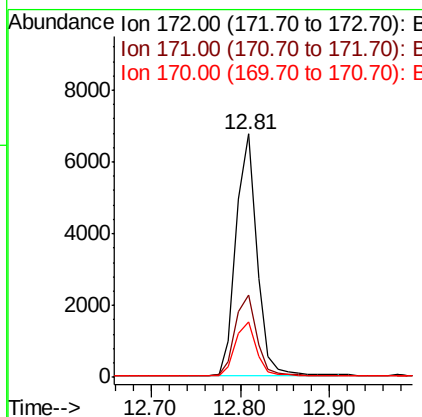
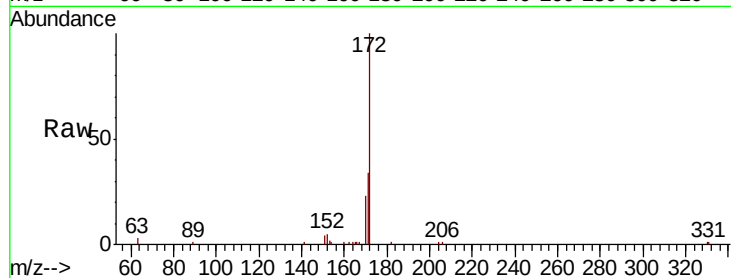




#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 12.81 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

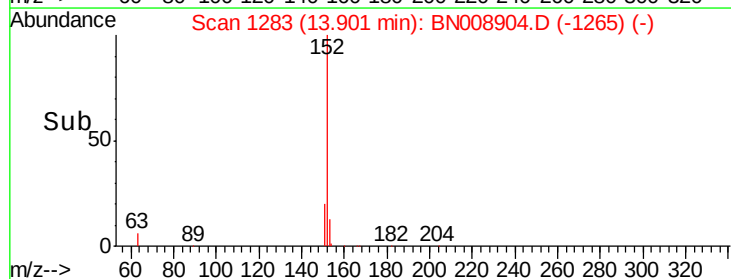
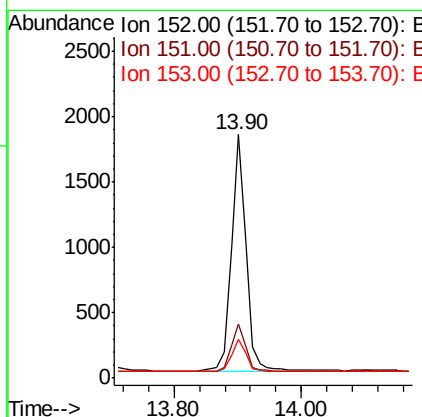
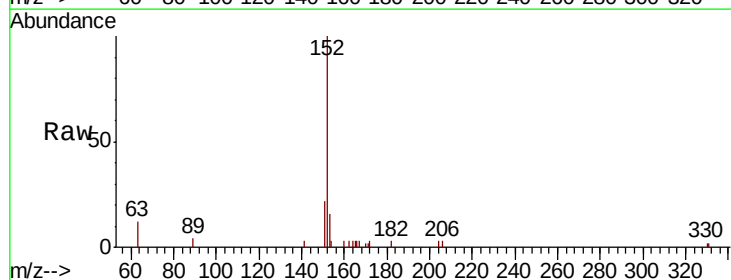
Instrument :
BNA_N
ClientSampleId :

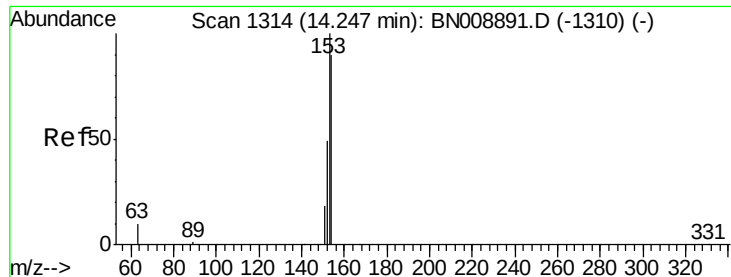
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.1	40.7
170	22.7	17.7	26.5



#16
Acenaphthylene
Concen: 0.080 ng
RT: 13.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.3	22.9
153	13.2	10.3	15.5

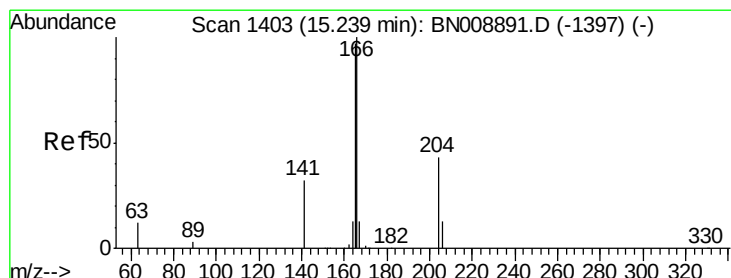
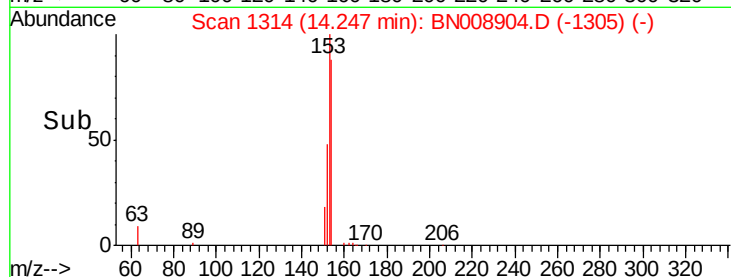
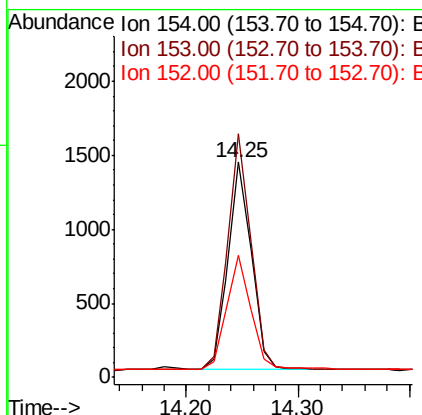
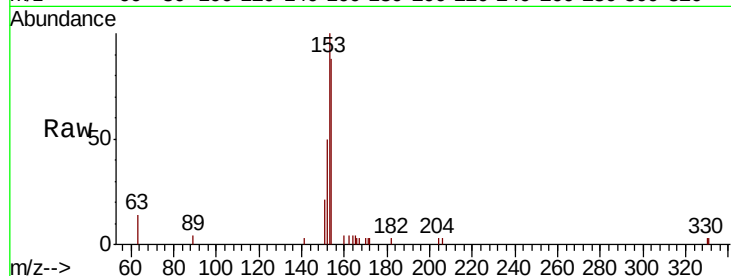




#17
Acenaphthene
Concen: 0.084 ng
RT: 14.25 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

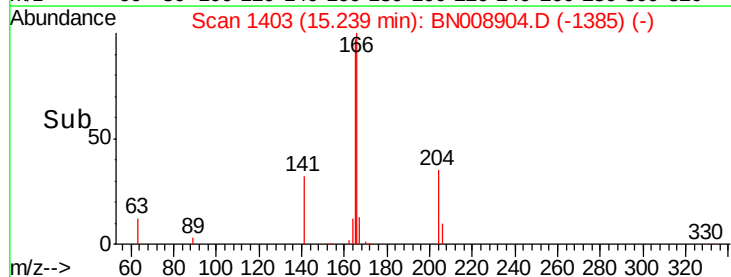
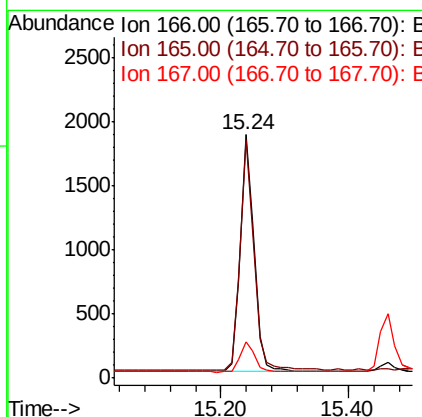
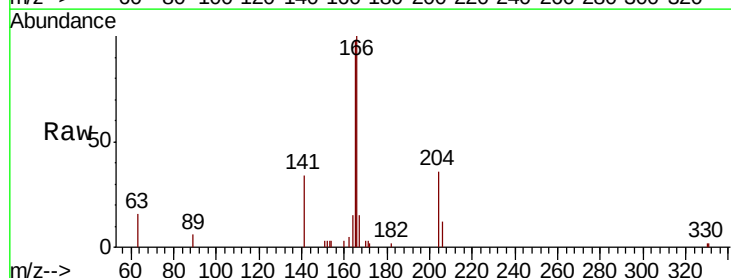
Instrument :
BNA_N
ClientSampleId :

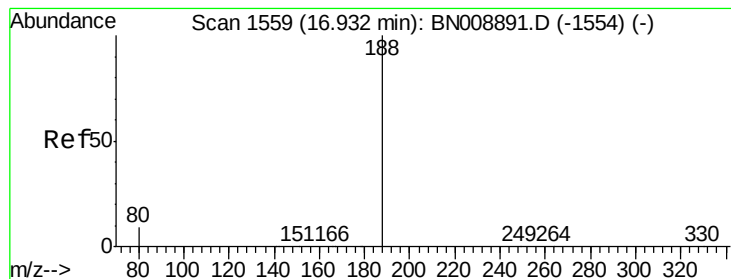
Tot Ion:154 Resp: 2027
Ion Ratio Lower Upper
154 100
153 114.4 89.2 133.8
152 58.5 44.2 66.4



#18
Fluorene
Concen: 0.087 ng
RT: 15.24 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion:166 Resp: 2831
Ion Ratio Lower Upper
166 100
165 95.4 77.3 115.9
167 13.8 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Instrument :

BNA_N

ClientSampleId :

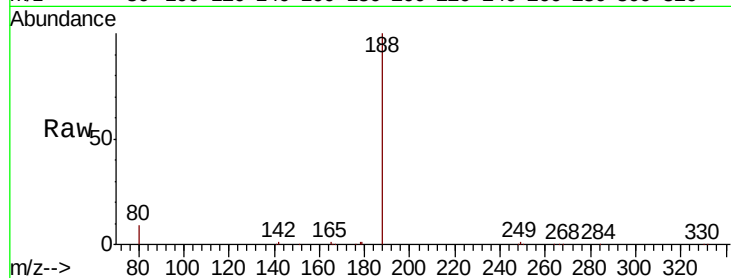
Tot Ion:188 Resp: 19011

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

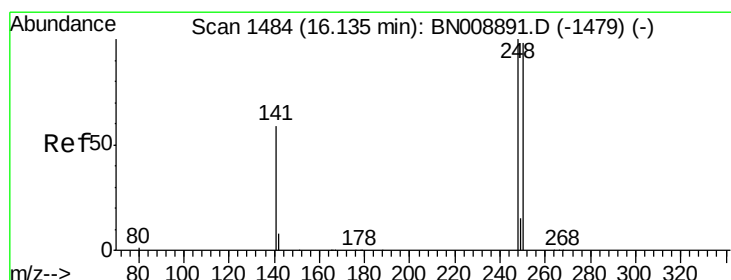
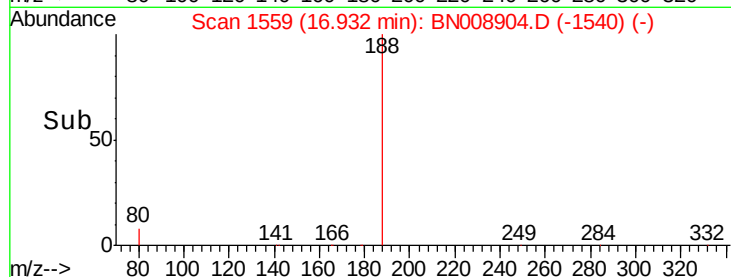
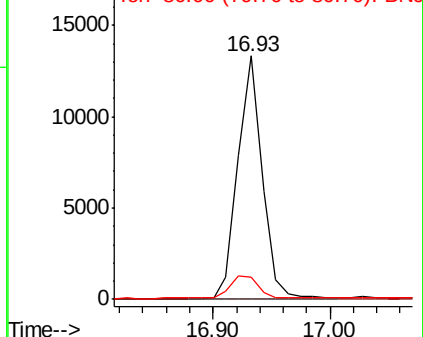
80 8.9 7.3 10.9



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: 0.081 ng

RT: 16.14 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

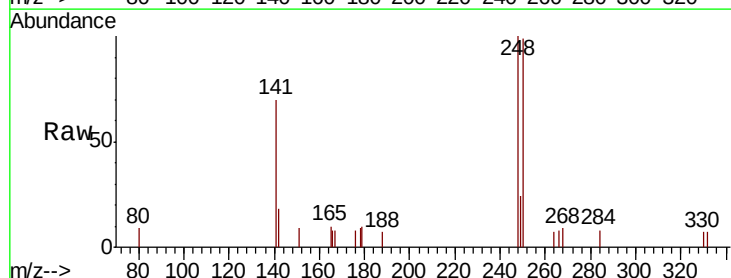
Tgt Ion:248 Resp: 924

Ion Ratio Lower Upper

248 100

250 99.1 78.7 118.1

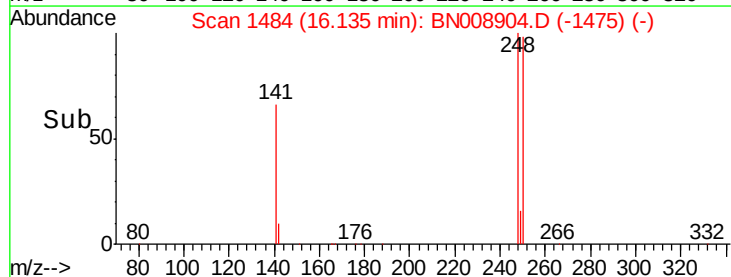
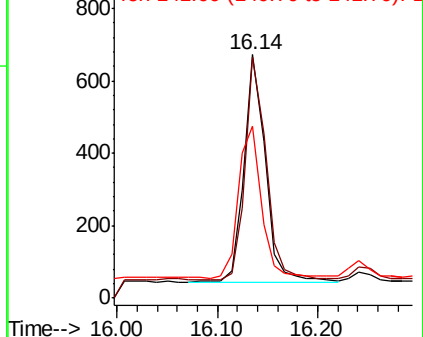
141 70.4 47.9 71.9

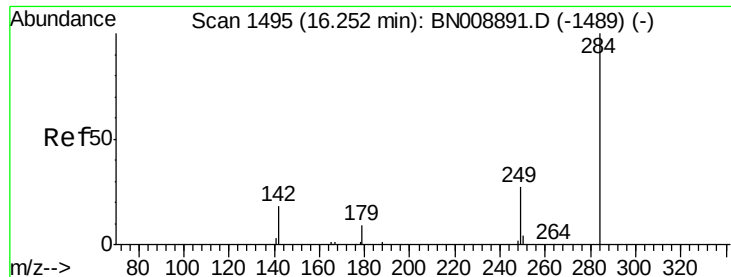


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

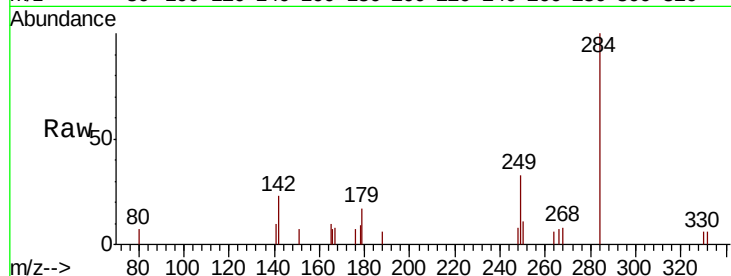




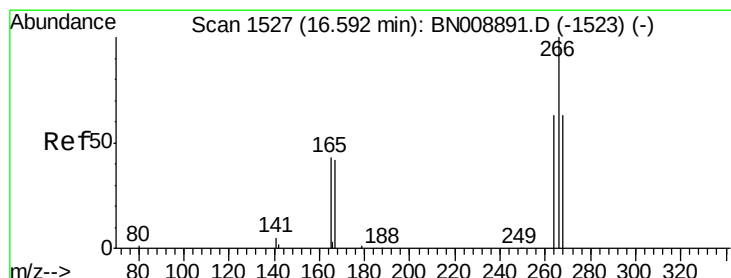
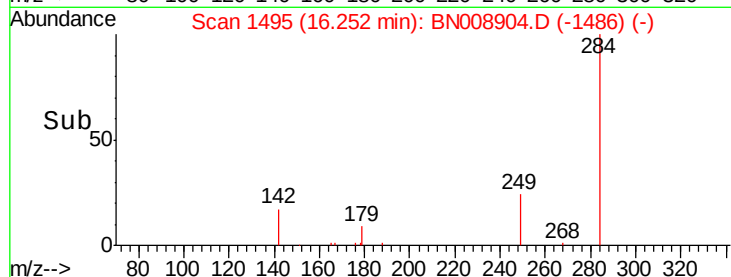
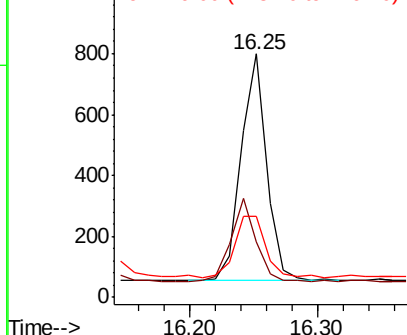
#21
Hexachlorobenzene
Concen: 0.080 ng
RT: 16.25 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 1035
Ion Ratio Lower Upper
284 100
142 35.5 27.8 41.6
249 33.4 25.3 37.9

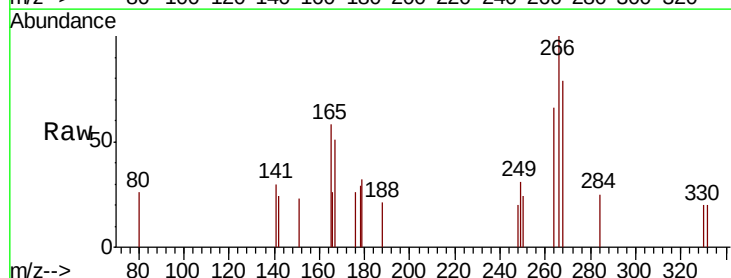


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

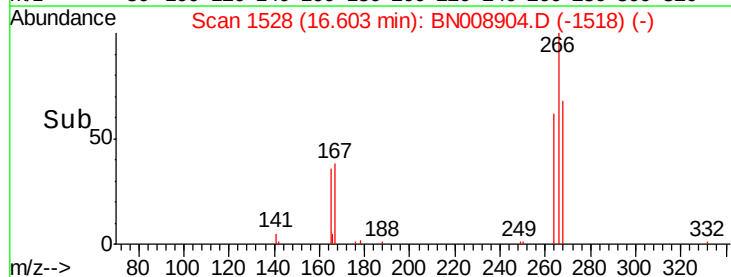
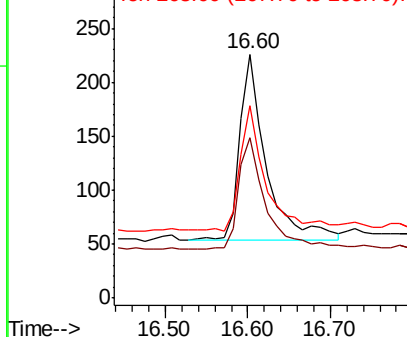


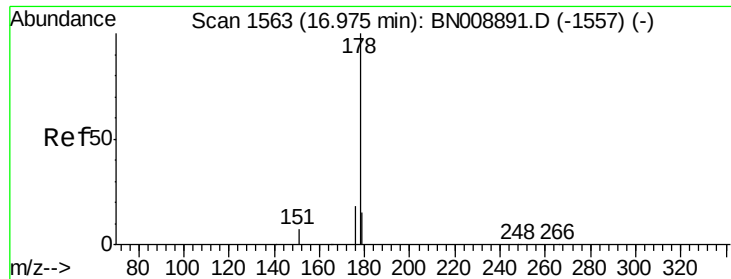
#22
Pentachlorophenol
Concen: 0.081 ng
RT: 16.60 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion:266 Resp: 379
Ion Ratio Lower Upper
266 100
264 65.9 51.5 77.3
268 78.8 53.1 79.7



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: 0.084 ng

RT: 16.97 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

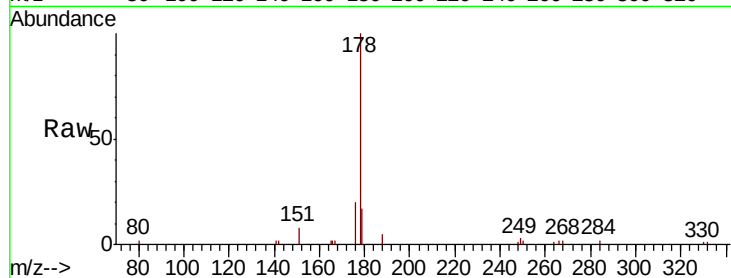
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 5006

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.1	12.3	18.5

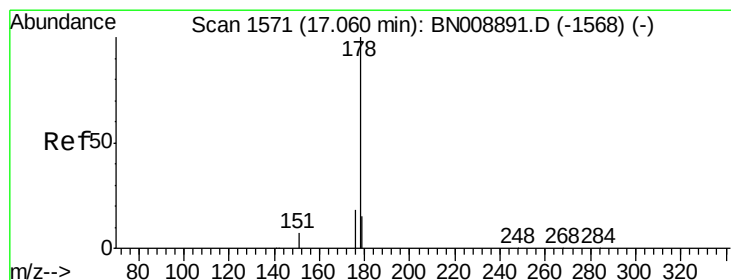
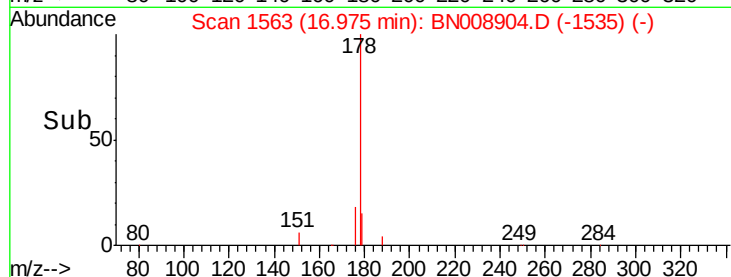
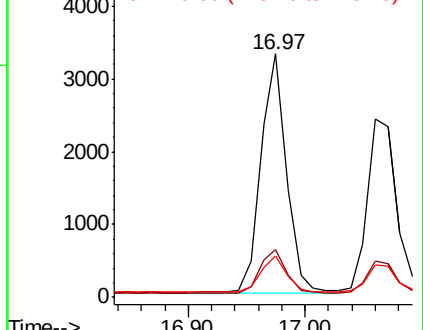


Abundance

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: 0.080 ng

RT: 17.06 min Scan# 1571

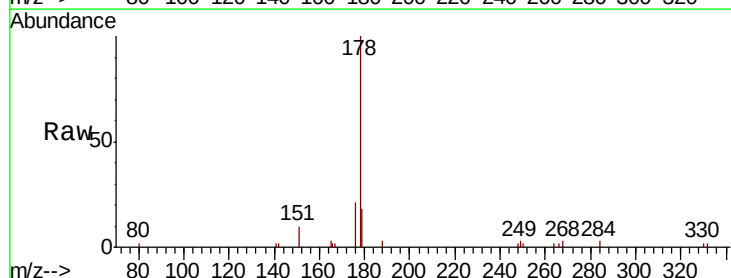
Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Tgt Ion:178 Resp: 4235

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.4	21.6
179	15.3	12.1	18.1

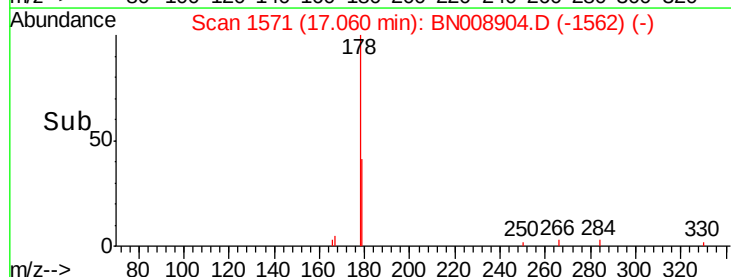
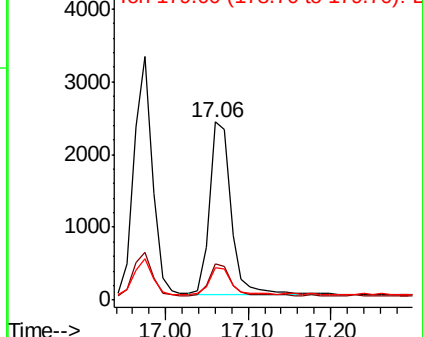


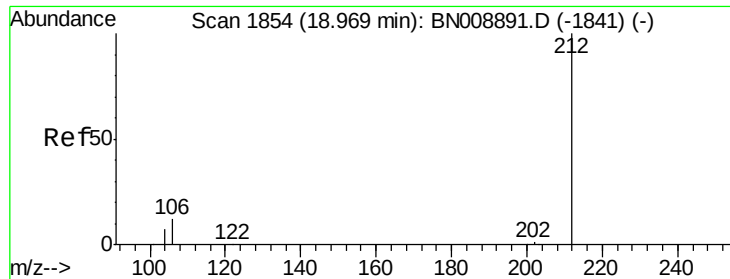
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.349 ng

RT: 18.97 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Instrument :

BNA_N

ClientSampleId :

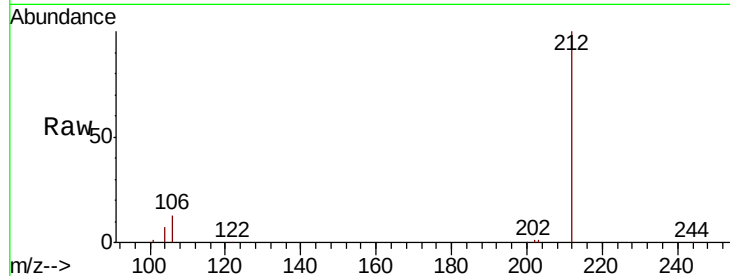
Tot Ion:212 Resp: 20057

Ion Ratio Lower Upper

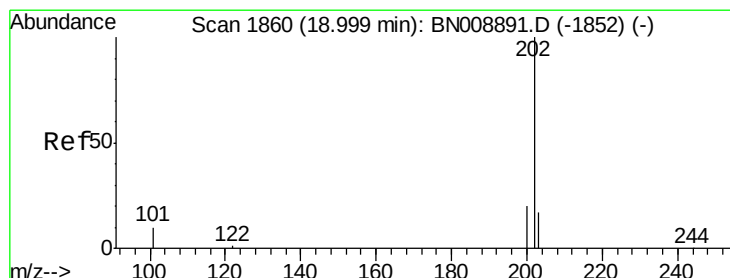
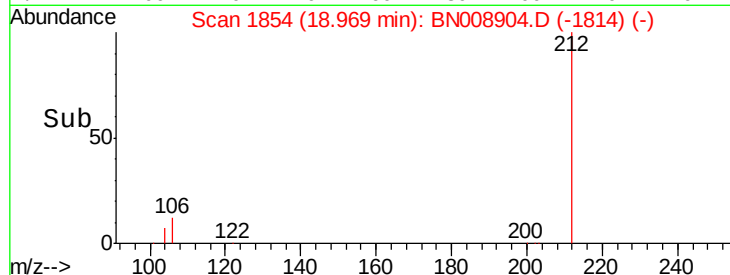
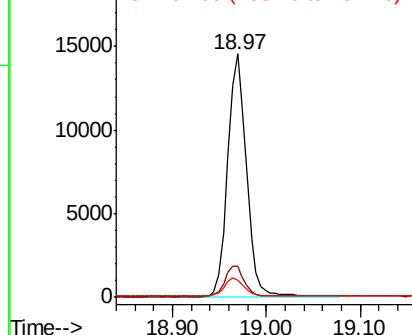
212 100

106 12.9 10.4 15.6

104 7.1 5.9 8.9



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: 0.082 ng

RT: 19.00 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

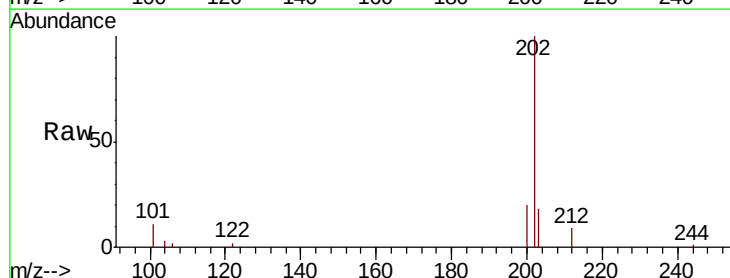
Tgt Ion:202 Resp: 5851

Ion Ratio Lower Upper

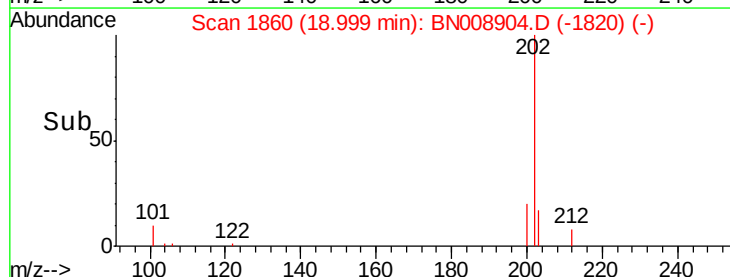
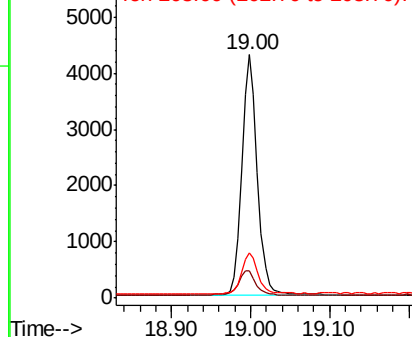
202 100

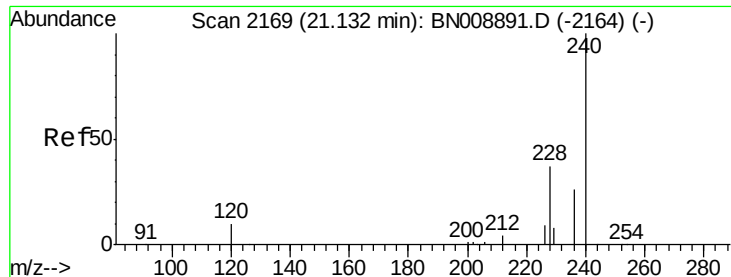
101 11.6 8.8 13.2

203 17.3 13.8 20.6



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

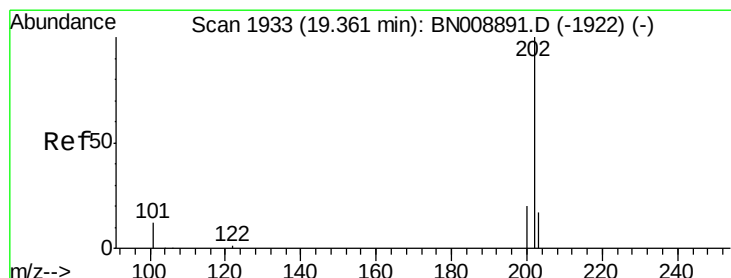
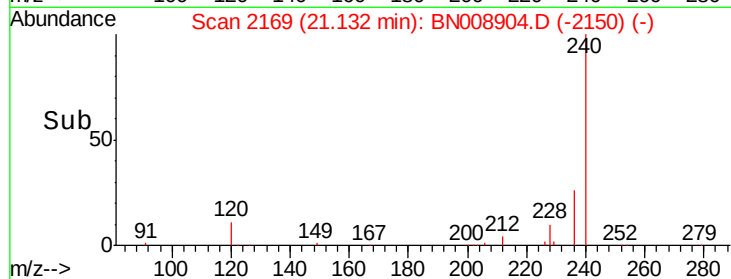
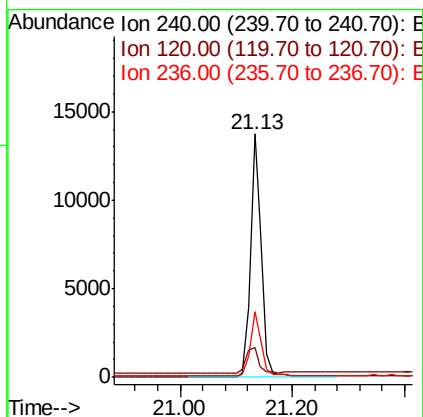
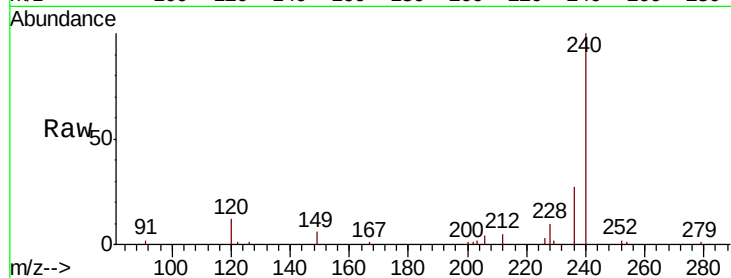




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.13 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BN008904.D
 Acq: 10 Dec 2019 13:50

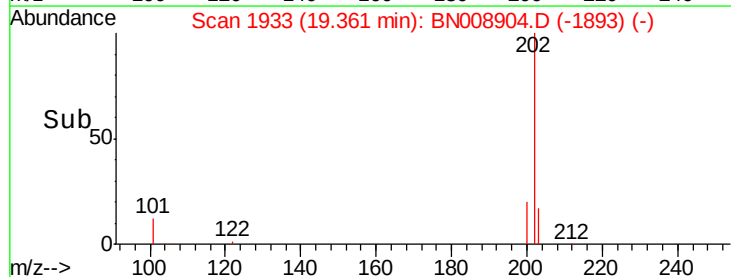
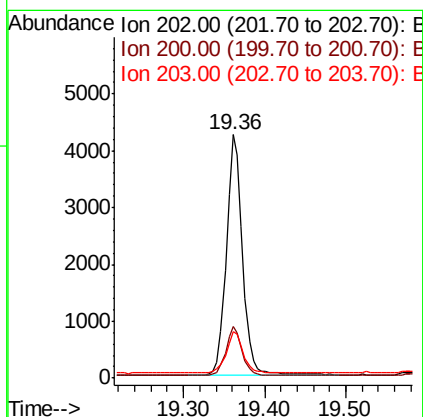
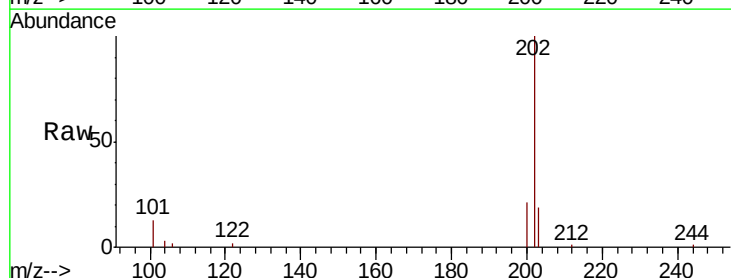
Instrument :
 BNA_N
 ClientSampleId :

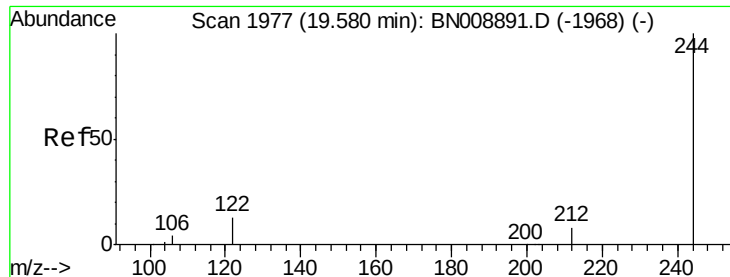
Tot Ion:240 Resp: 18076
 Ion Ratio Lower Upper
 240 100
 120 12.4 9.1 13.7
 236 27.0 21.5 32.3



#28
 Pyrene
 Concen: 0.092 ng
 RT: 19.36 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: BN008904.D
 Acq: 10 Dec 2019 13:50

Tgt Ion:202 Resp: 5830
 Ion Ratio Lower Upper
 202 100
 200 20.3 16.1 24.1
 203 18.1 13.9 20.9





#29

Terphenyl-d14

Concen: 0.405 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Instrument :

BNA_N

ClientSampleId :

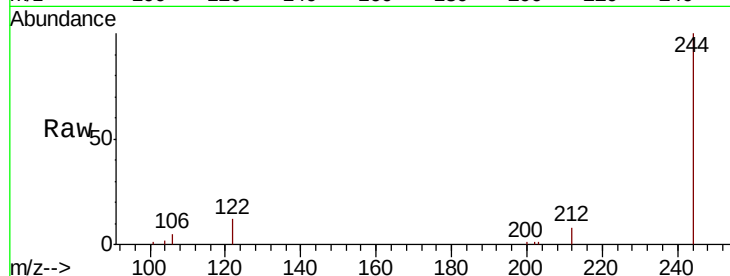
Tot Ion:244 Resp: 16704

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

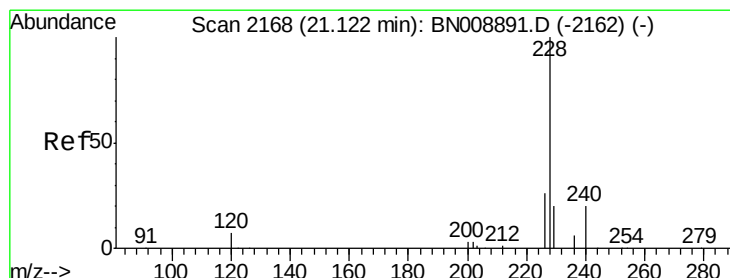
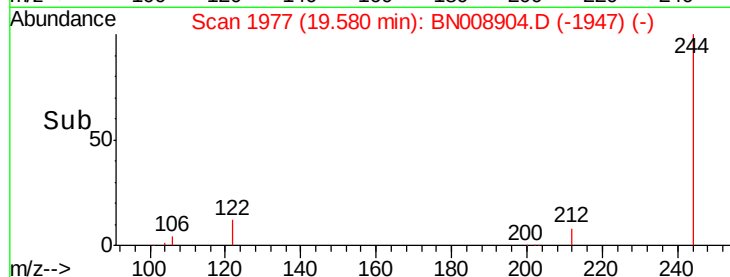
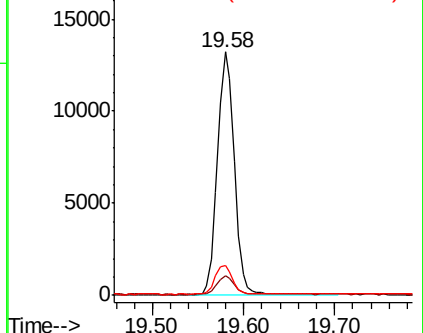
122 12.3 10.4 15.6



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: 0.084 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

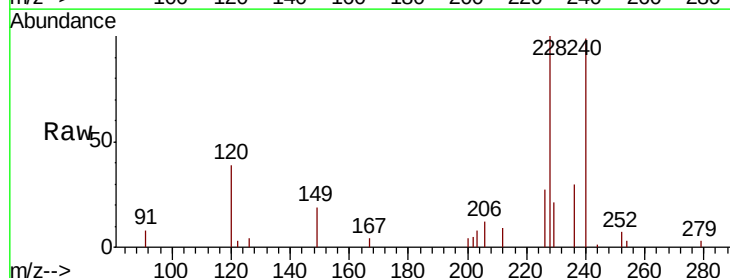
Tgt Ion:228 Resp: 5388

Ion Ratio Lower Upper

228 100

226 27.3 20.6 30.8

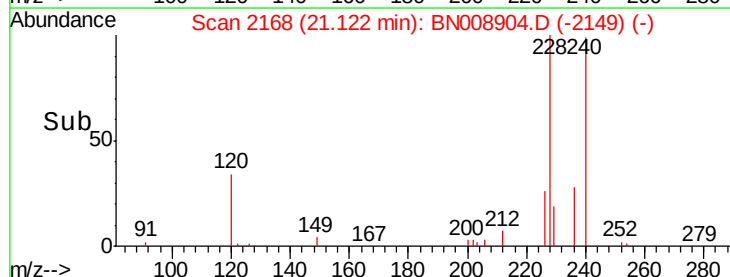
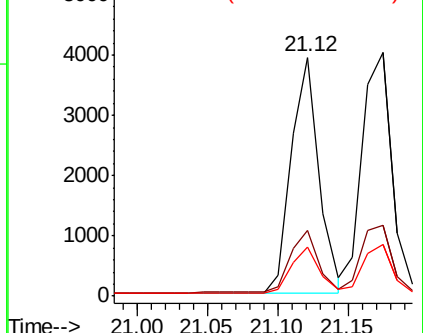
229 20.6 15.9 23.9

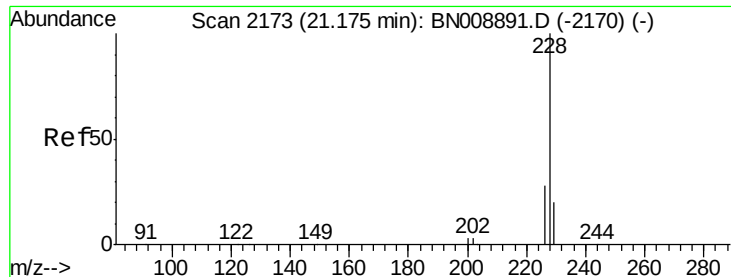


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

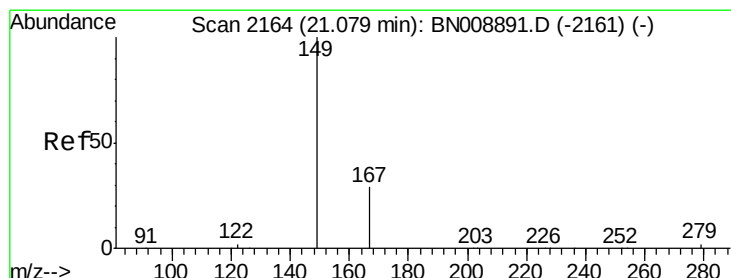
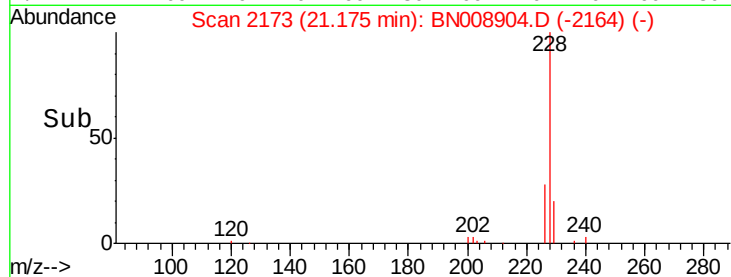
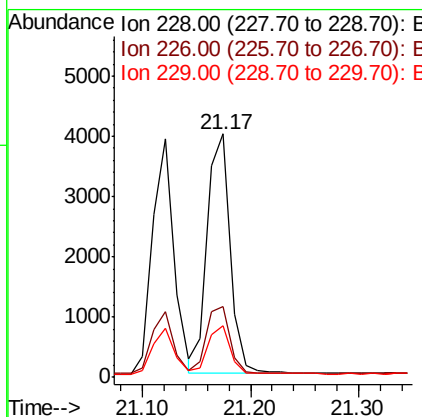
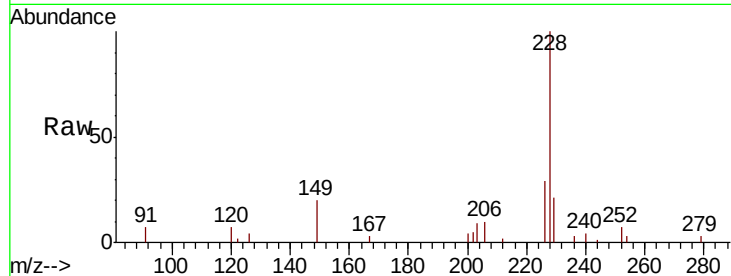




#31
 Chrysene
 Concen: 0.089 ng
 RT: 21.17 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BN008904.D
 Acq: 10 Dec 2019 13:50

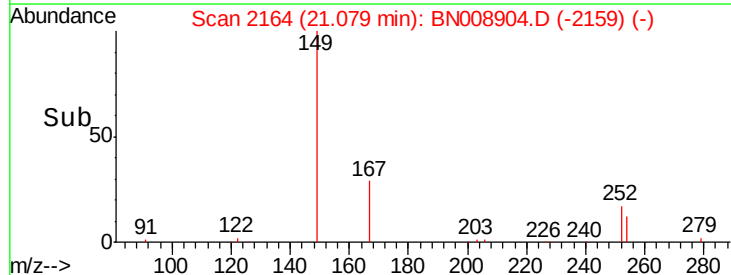
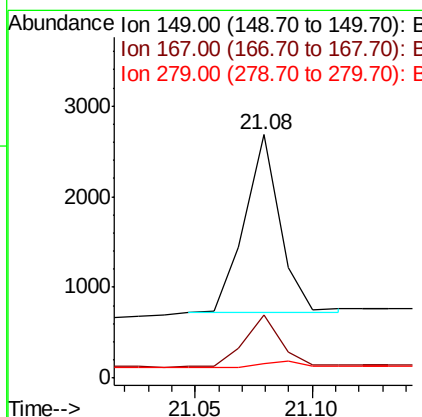
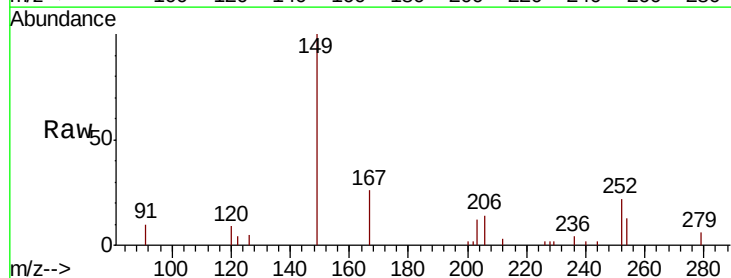
Instrument :
 BNA_N
 ClientSampled :

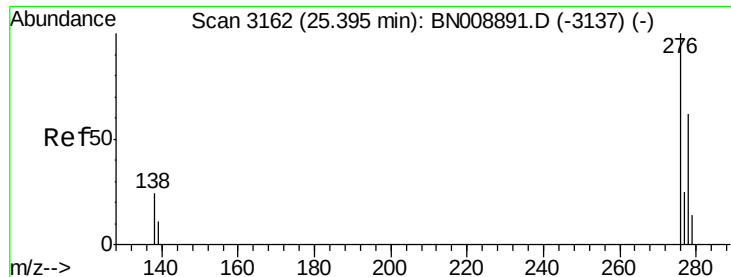
Tot Ion:228 Resp: 5894
 Ion Ratio Lower Upper
 228 100
 226 29.2 22.2 33.4
 229 21.0 15.9 23.9



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.068 ng
 RT: 21.08 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: BN008904.D
 Acq: 10 Dec 2019 13:50

Tgt Ion:149 Resp: 2055
 Ion Ratio Lower Upper
 149 100
 167 30.0 22.7 34.1
 279 4.4 3.3 4.9

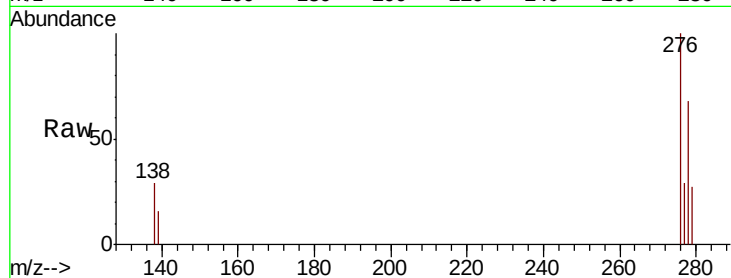




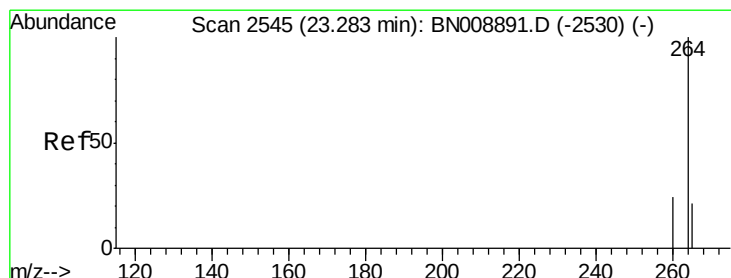
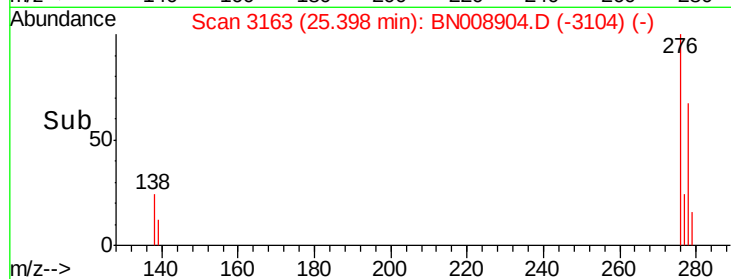
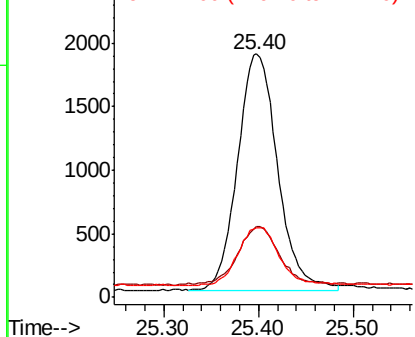
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.077 ng
 RT: 25.40 min Scan# 3163
 Delta R.T. 0.00 min
 Lab File: BN008904.D
 Acq: 10 Dec 2019 13:50

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 5435
 Ion Ratio Lower Upper
 276 100
 138 26.4 19.9 29.9
 277 24.8 19.8 29.8

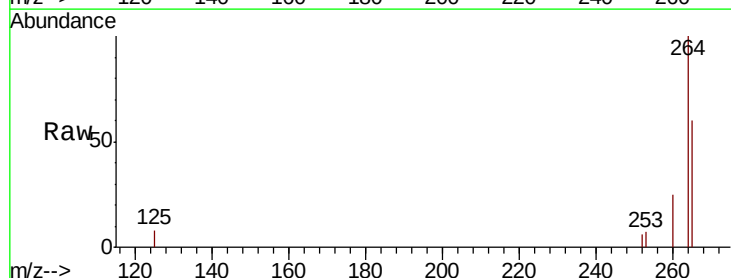


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

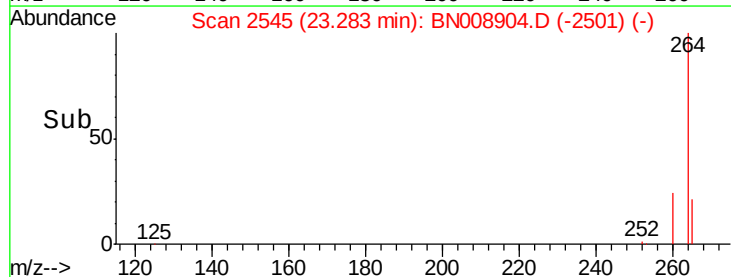
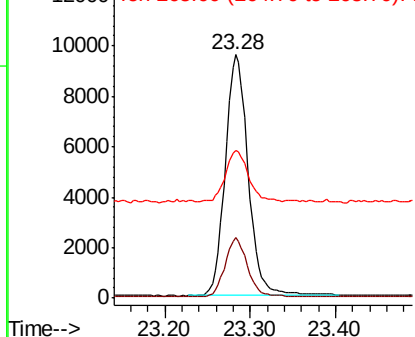


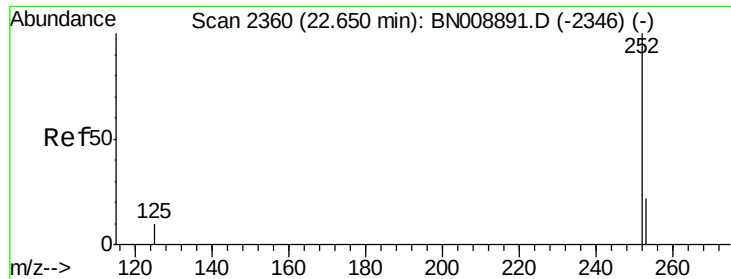
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.28 min Scan# 2545
 Delta R.T. 0.00 min
 Lab File: BN008904.D
 Acq: 10 Dec 2019 13:50

Tgt Ion:264 Resp: 17858
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.0
 265 60.4 47.5 71.3



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

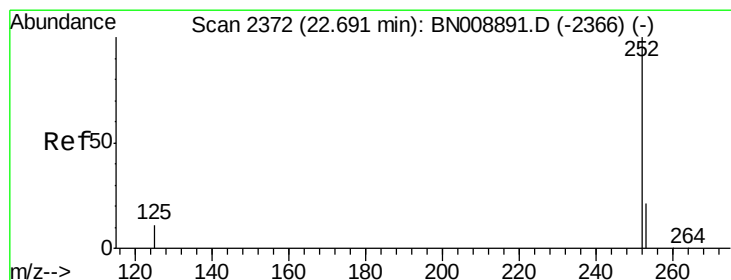
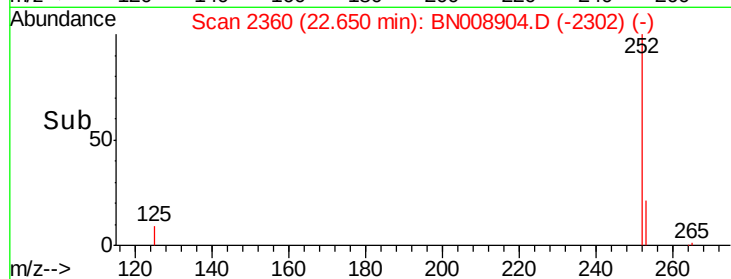
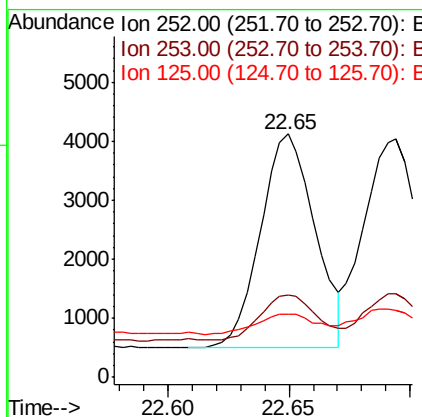
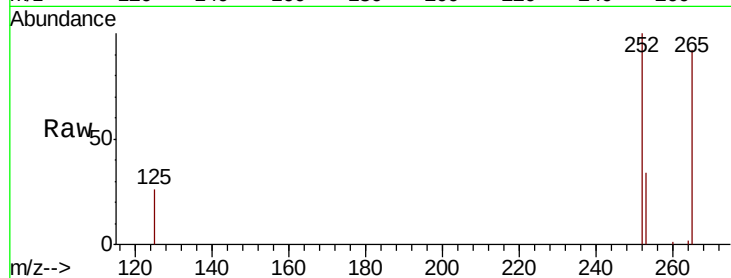




#35
Benzo(b)fluoranthene
Concen: 0.088 ng
RT: 22.65 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

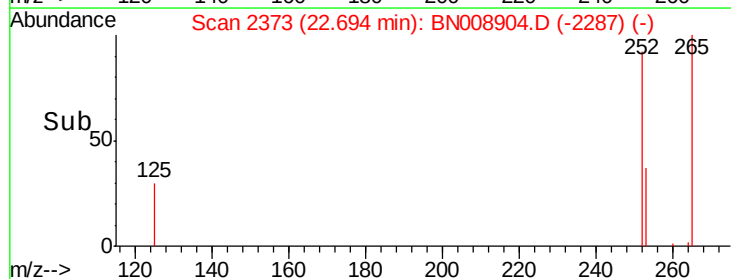
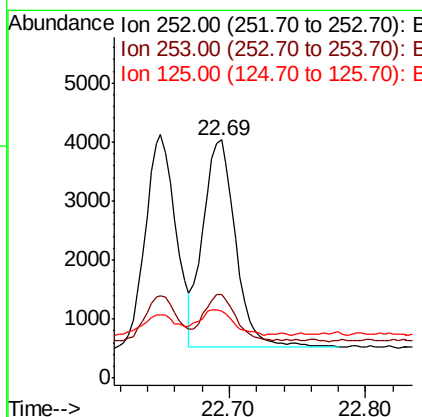
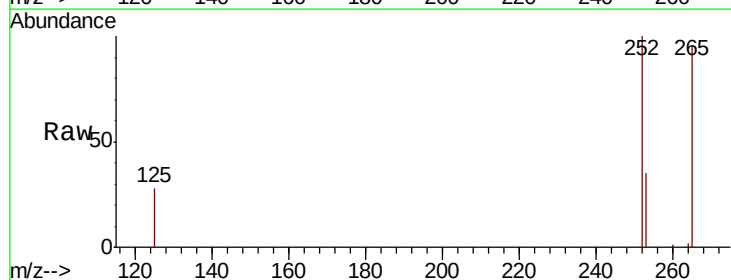
Instrument :
BNA_N
ClientSampleId :

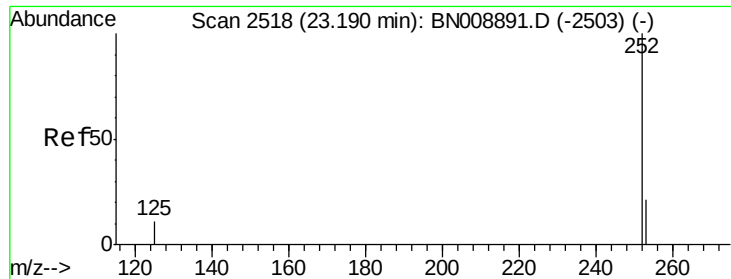
Tot Ion:252 Resp: 5654
Ion Ratio Lower Upper
252 100
253 33.8 19.8 29.6#
125 26.0 10.8 16.2#



#36
Benzo(k)fluoranthene
Concen: 0.091 ng
RT: 22.69 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion:252 Resp: 5833
Ion Ratio Lower Upper
252 100
253 35.1 19.2 28.8#
125 28.0 11.6 17.4#





#37

Benzo(a)pyrene

Concen: 0.082 ng

RT: 23.19 min Scan# 2518

Delta R.T. 0.00 min

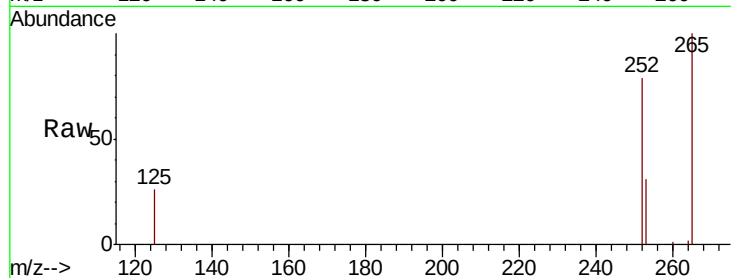
Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Instrument :

BNA_N

ClientSampleId :



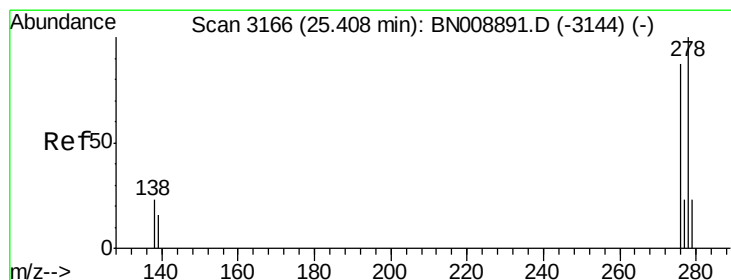
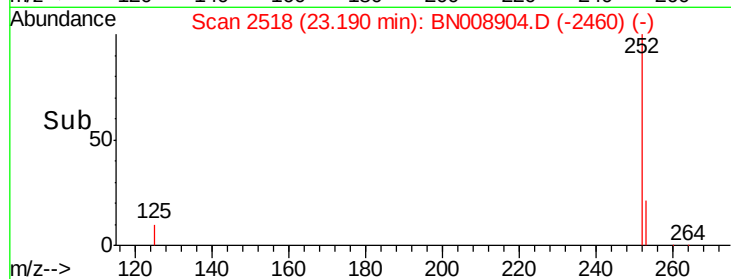
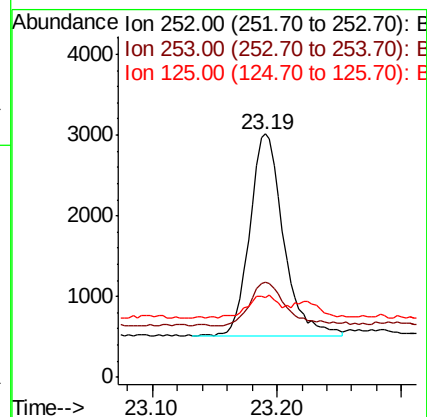
Tot Ion:252 Resp: 4688

Ion Ratio Lower Upper

252 100

253 39.3 19.9 29.9#

125 33.0 12.3 18.5#



#38

Dibenzo(a,h)anthracene

Concen: 0.083 ng

RT: 25.41 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

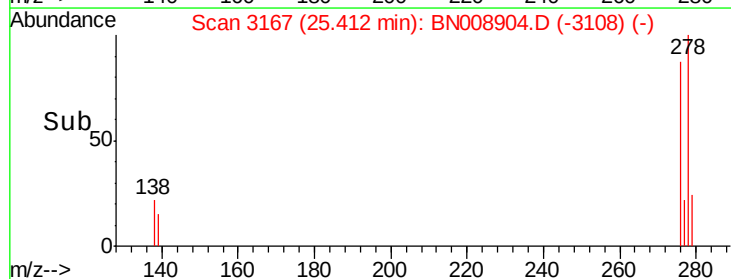
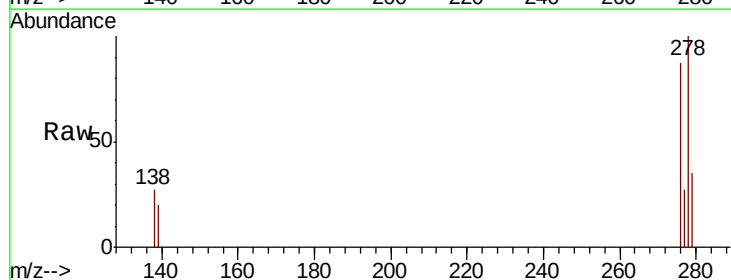
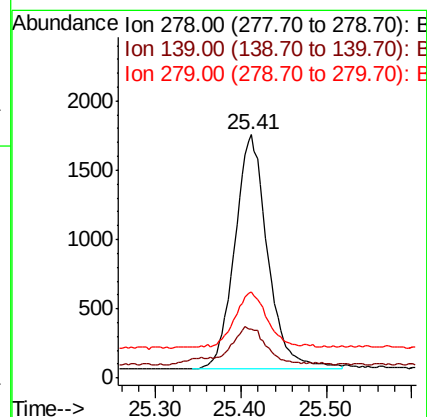
Tgt Ion:278 Resp: 4494

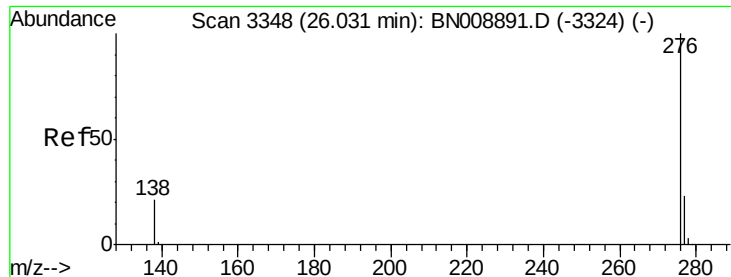
Ion Ratio Lower Upper

278 100

139 20.0 13.9 20.9

279 35.2 20.2 30.4#





#39

Benzo(a,h,i)perylene

Concen: 0.091 ng

RT: 26.04 min Scan# 3350

Delta R.T. 0.01 min

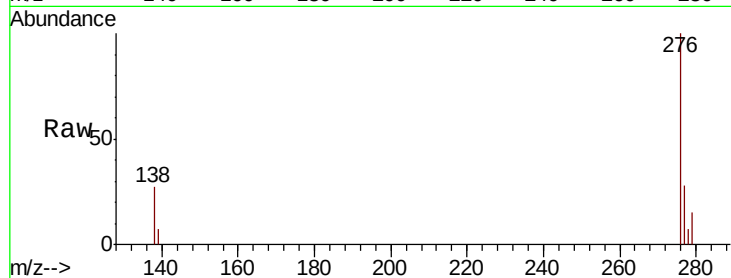
Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 4848

Ion Ratio Lower Upper

276 100

277 27.8 19.4 29.2

138 26.7 17.8 26.6

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

