

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112519\
 Data File : BN008750.D
 Acq On : 25 Nov 2019 23:03
 Operator : JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 26 02:55:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 25 10:49:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	4581	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	16894	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	10293	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	22175	0.40	ng	-0.01
27) Chrysene-d12	21.15	240	21399	0.40	ng	-0.01
34) Perylene-d12	23.31	264	21166	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	5551	0.46	ng	0.00
5) Phenol-d6	6.78	99	6967	0.46	ng	0.00
8) Nitrobenzene-d5	8.72	82	6868	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	11.94	152	11953	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	2104	0.44	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	18562	0.46	ng	-0.01
25) Fluoranthene-d10	18.99	212	29620	0.45	ng	0.00
29) Terphenyl-d14	19.60	244	24150	0.47	ng	0.00

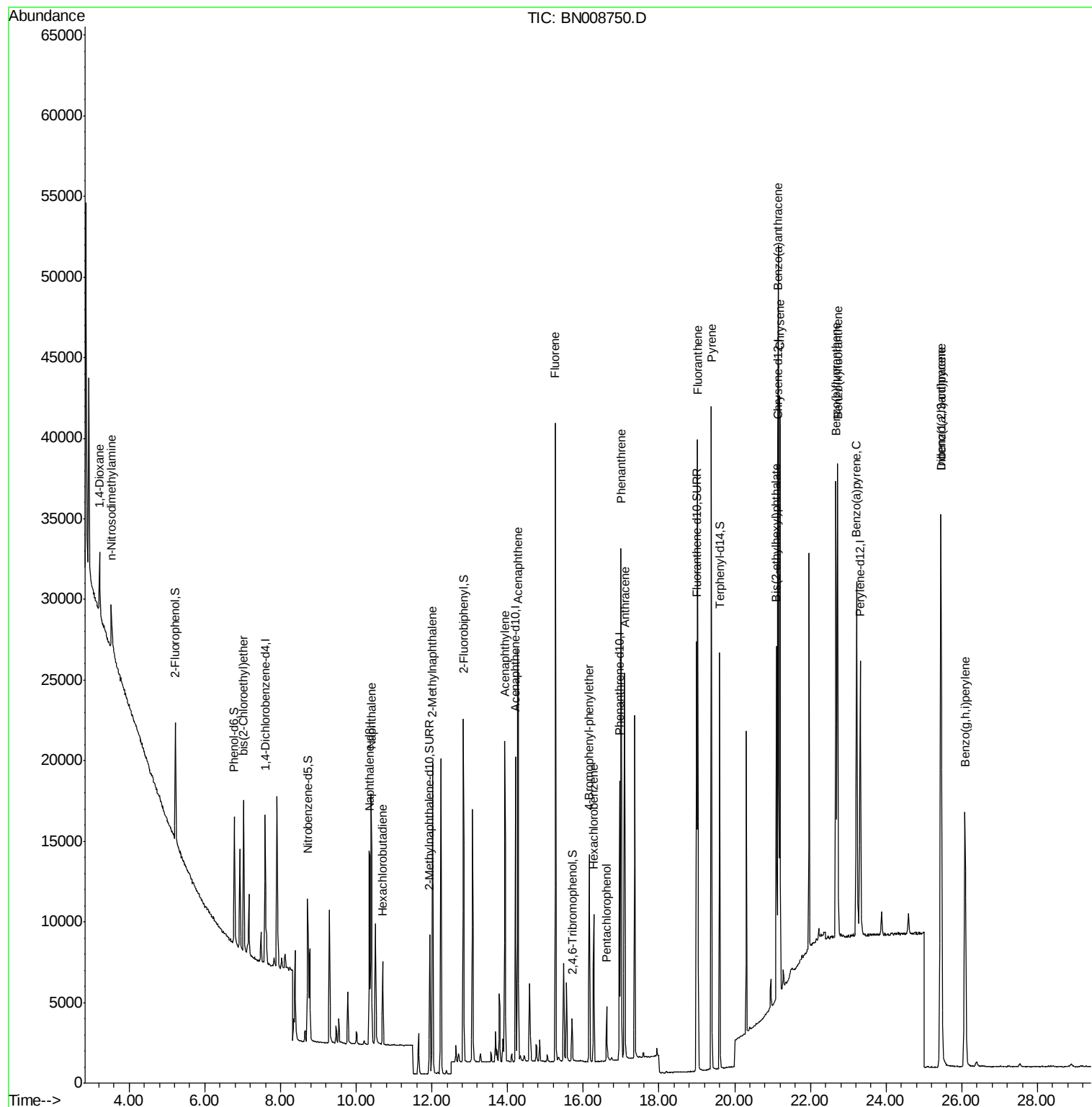
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	2182	0.450	ng	97
3) n-Nitrosodimethylamine	3.53	42	2397	0.399	ng	# 95
6) bis(2-Chloroethyl)ether	7.03	93	6430	0.452	ng	98
9) Naphthalene	10.39	128	20525	0.455	ng	99
10) Hexachlorobutadiene	10.70	225	4194	0.449	ng	# 99
12) 2-Methylnaphthalene	12.02	142	14104	0.449	ng	99
16) Acenaphthylene	13.92	152	21656	0.457	ng	100
17) Acenaphthene	14.27	154	13687	0.439	ng	99
18) Fluorene	15.26	166	18252	0.457	ng	99
20) 4-Bromophenyl-phenylether	16.16	248	6334	0.457	ng	# 85
21) Hexachlorobenzene	16.27	284	6955	0.457	ng	100
22) Pentachlorophenol	16.61	266	2011	0.368	ng	97
23) Phenanthrene	17.00	178	31028	0.454	ng	100
24) Anthracene	17.09	178	27959	0.457	ng	99
26) Fluoranthene	19.02	202	36282	0.452	ng	100
28) Pyrene	19.39	202	36452	0.461	ng	100
30) Benzo(a)anthracene	21.14	228	34465	0.440	ng	99
31) Chrysene	21.19	228	35119	0.463	ng	99
32) Bis(2-ethylhexyl)phthalate	21.10	149	17598	0.346	ng	98
33) Indeno(1,2,3-cd)pyrene	25.44	276	38142	0.451	ng	100
35) Benzo(b)fluoranthene	22.68	252	34346	0.469	ng	97
36) Benzo(k)fluoranthene	22.72	252	34310	0.462	ng	94
37) Benzo(a)pyrene	23.22	252	31061	0.458	ng	96
38) Dibenzo(a,h)anthracene	25.45	278	30742	0.460	ng	98
39) Benzo(g,h,i)perylene	26.09	276	31025	0.465	ng	99

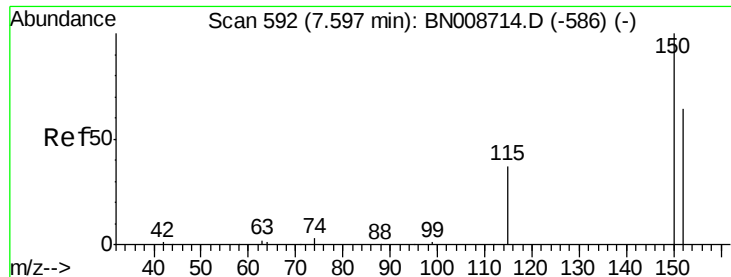
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112519\
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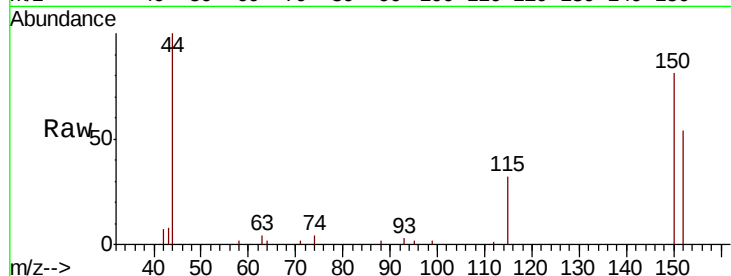


#1

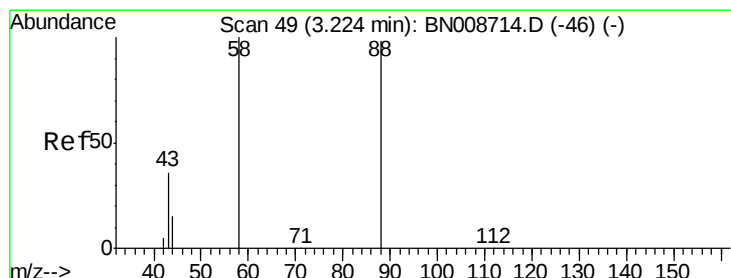
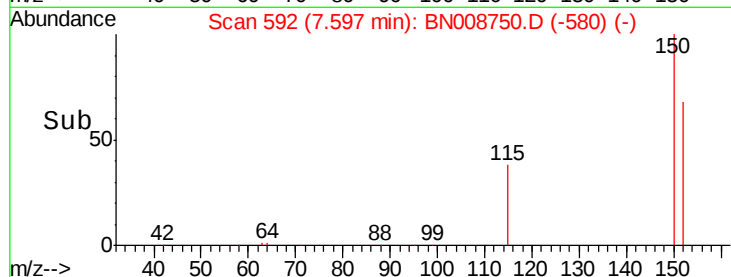
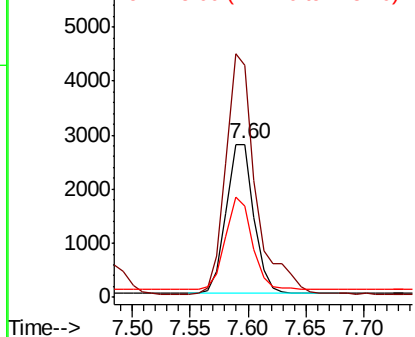
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. -0.00 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4581
Ion Ratio Lower Upper
152 100
150 151.2 124.0 186.0
115 59.5 49.8 74.8



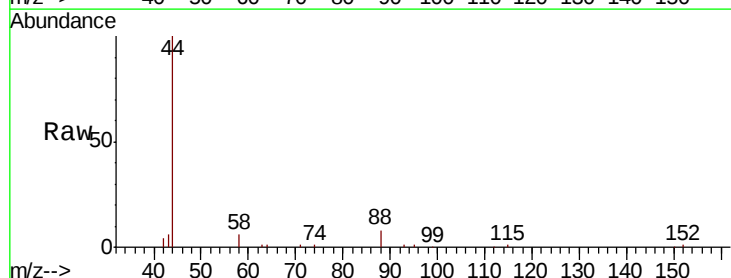
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



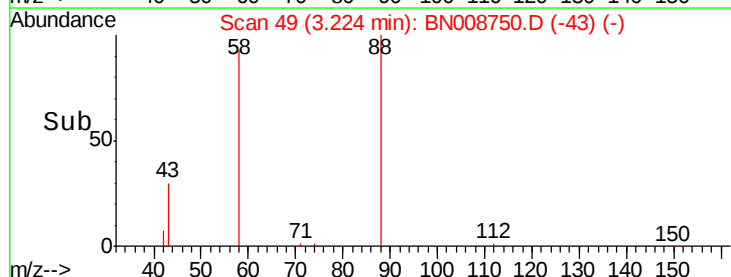
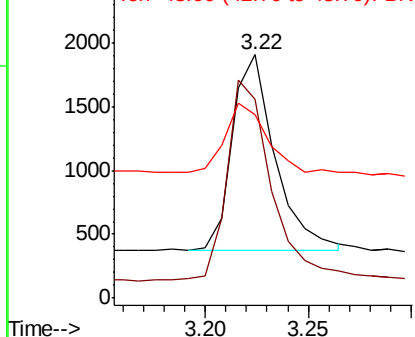
#2

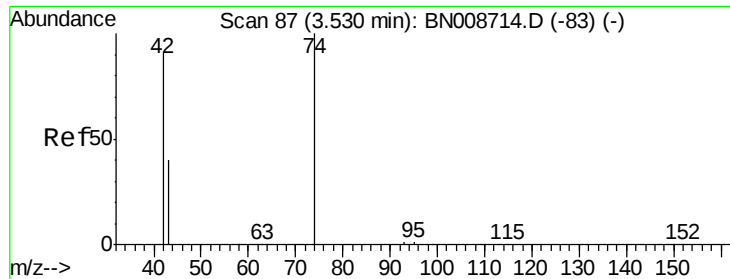
1,4-Dioxane
Concen: 0.450 ng
RT: 3.22 min Scan# 49
Delta R.T. -0.00 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion: 88 Resp: 2182
Ion Ratio Lower Upper
88 100
58 104.1 85.7 128.5
43 35.1 29.5 44.3



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: 0.399 ng

RT: 3.53 min Scan# 87

Delta R.T. 0.00 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

Instrument :

BNA_N

ClientSampleId :

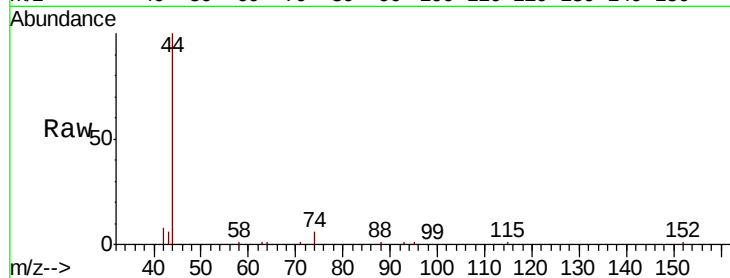
Tot Ion: 42 Resp: 2397

Ion Ratio Lower Upper

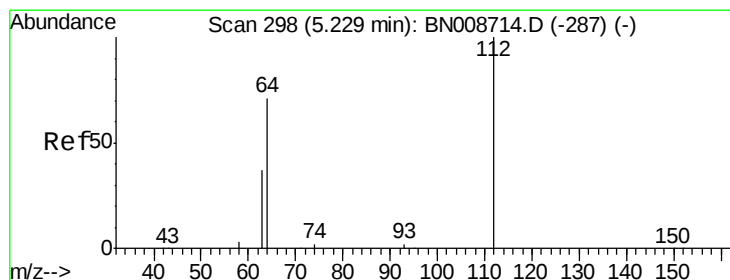
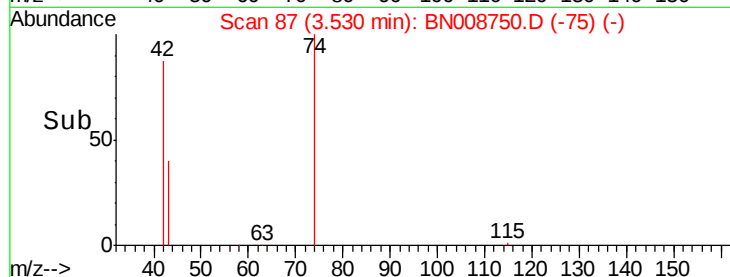
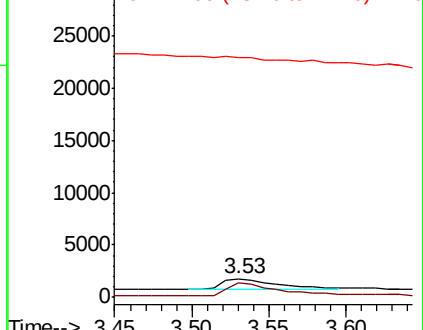
42 100

74 115.1 88.0 132.0

44 0.0 0.0 0.0



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



#4

2-Fluorophenol

Concen: 0.463 ng

RT: 5.23 min Scan# 298

Delta R.T. -0.00 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

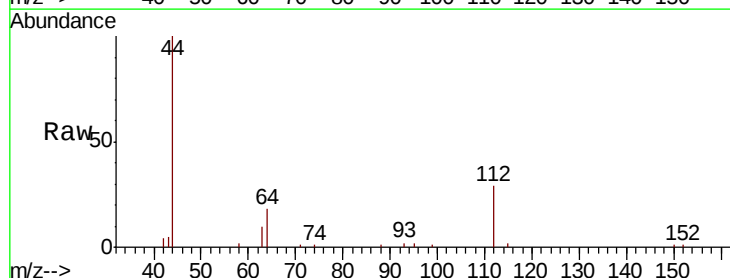
Tgt Ion: 112 Resp: 5551

Ion Ratio Lower Upper

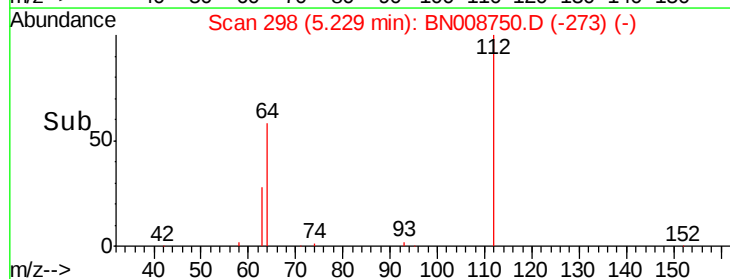
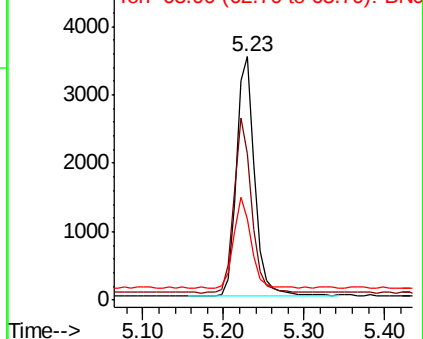
112 100

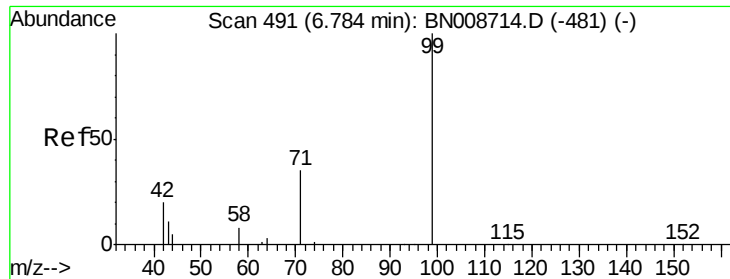
64 71.0 57.1 85.7

63 37.2 29.7 44.5



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





#5

Phenol-d6

Concen: 0.460 ng

RT: 6.78 min Scan# 490

Delta R.T. -0.01 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

Instrument :

BNA_N

ClientSampled :

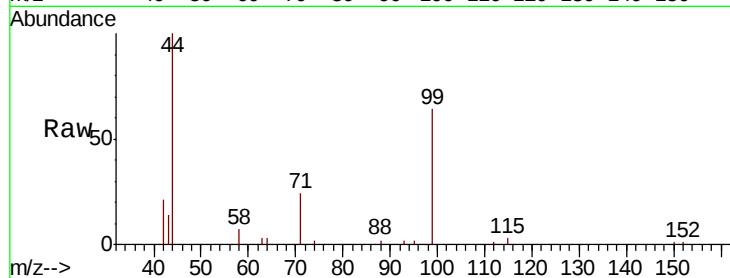
Tot Ion: 99 Resp: 6967

Ion Ratio Lower Upper

99 100

42 24.4 19.4 29.2

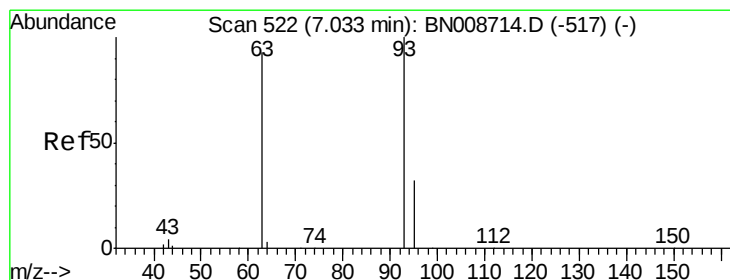
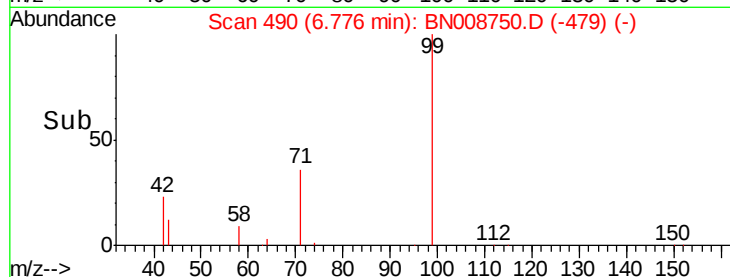
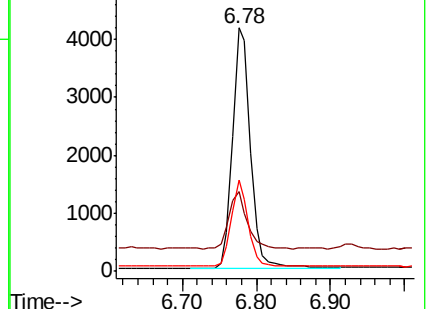
71 33.8 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BN008750.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN008750.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN008750.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.452 ng

RT: 7.03 min Scan# 521

Delta R.T. -0.01 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

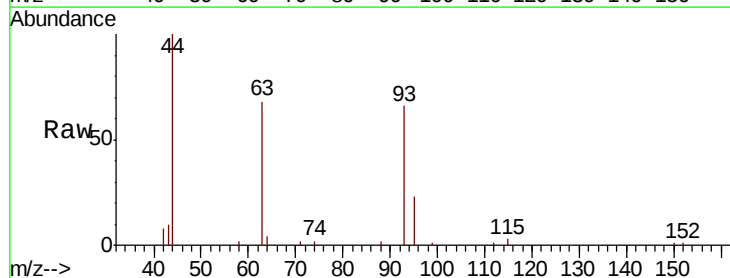
Tgt Ion: 93 Resp: 6430

Ion Ratio Lower Upper

93 100

63 95.2 74.2 111.4

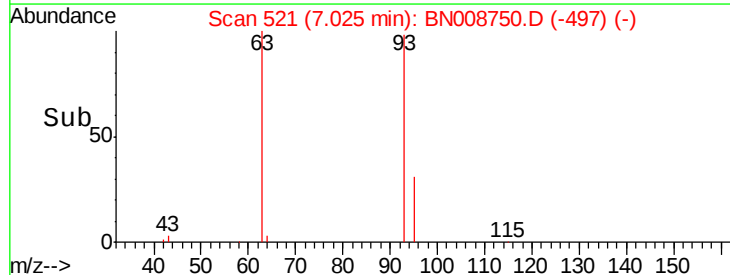
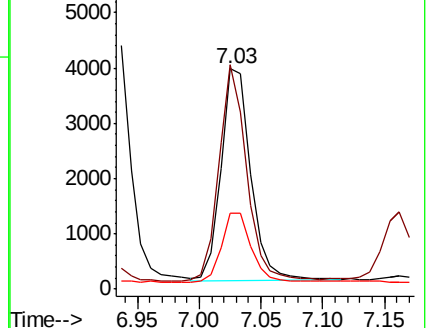
95 32.7 26.2 39.2

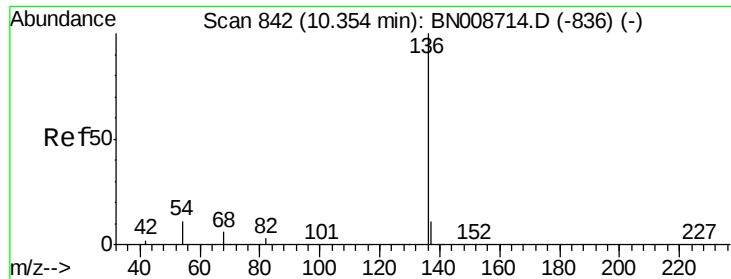


Abundance Ion 93.00 (92.70 to 93.70): BN008750.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN008750.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN008750.D (-497) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

Instrument :

BNA_N

ClientSampled :

Tot Ion:136 Resp: 16894

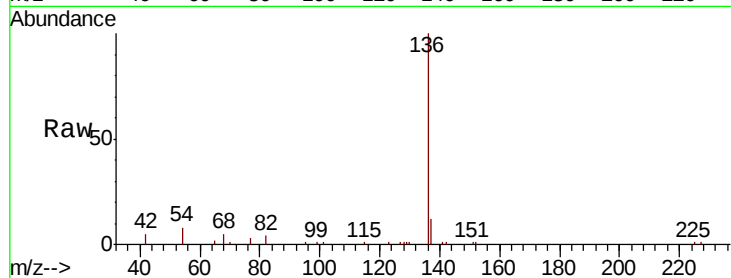
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 8.5 9.4 14.2#

68 5.2 5.8 8.6#

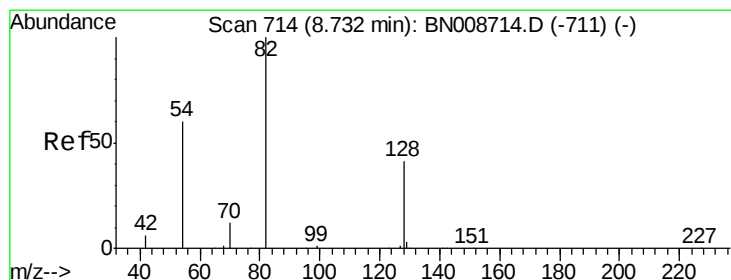
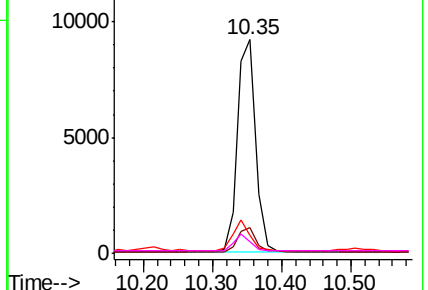
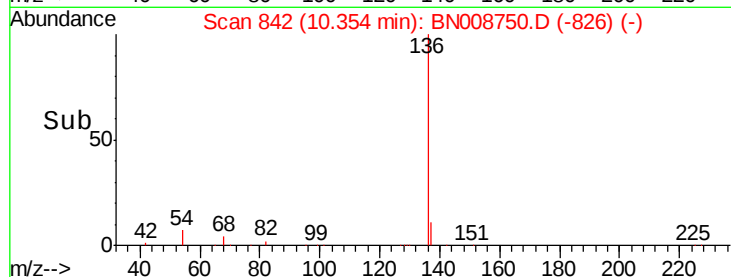


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.452 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.01 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

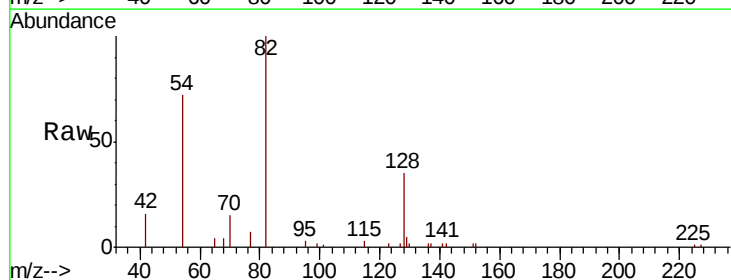
Tgt Ion: 82 Resp: 6868

Ion Ratio Lower Upper

82 100

128 35.1 34.6 52.0

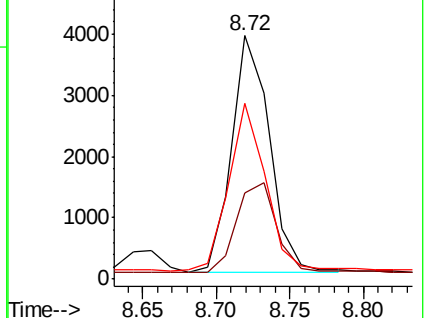
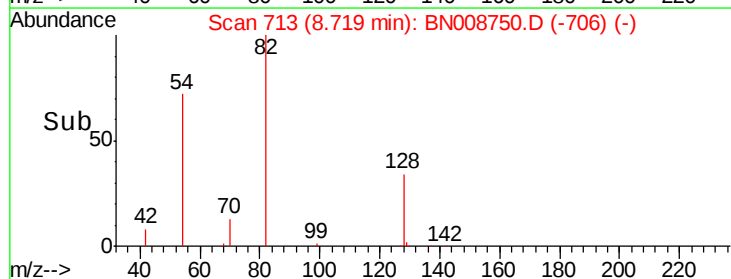
54 72.0 50.2 75.4

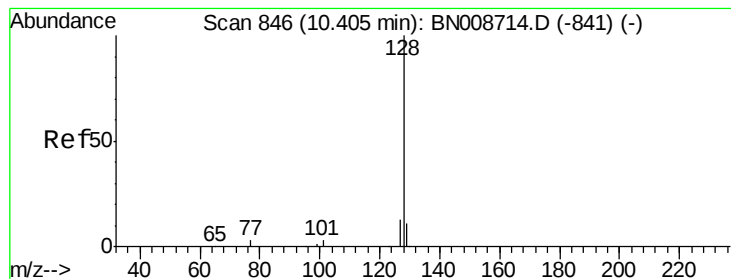


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.455 ng

RT: 10.39 min Scan# 845

Delta R.T. -0.01 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

Instrument :

BNA_N

ClientSampleId :

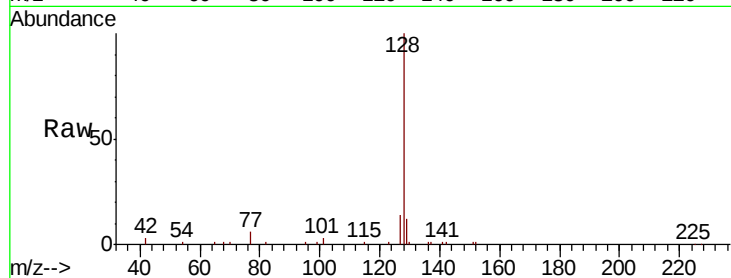
Tot Ion:128 Resp: 20525

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

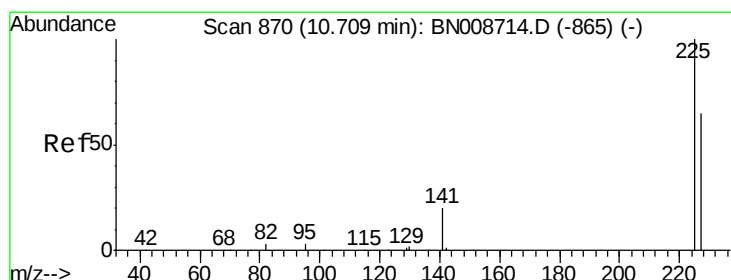
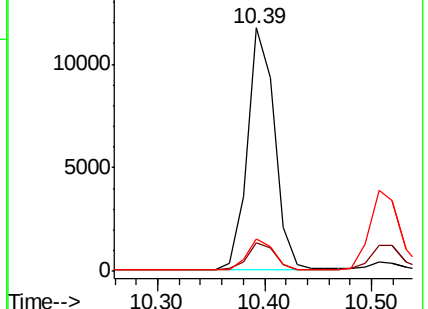
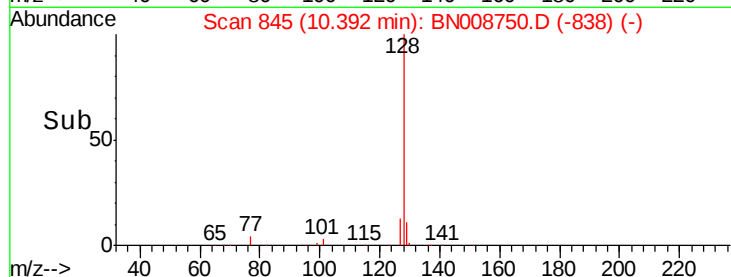
127 13.5 10.5 15.7



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: 0.449 ng

RT: 10.70 min Scan# 869

Delta R.T. -0.01 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

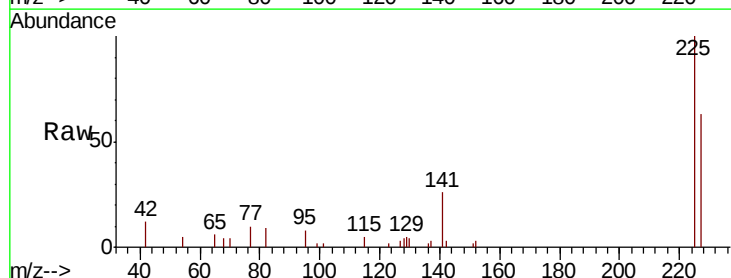
Tgt Ion:225 Resp: 4194

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

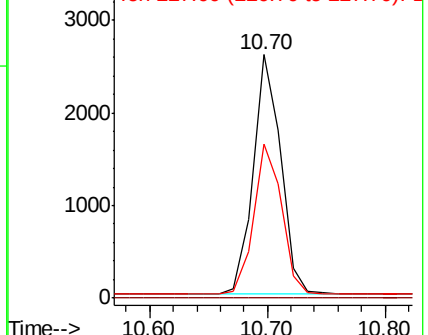
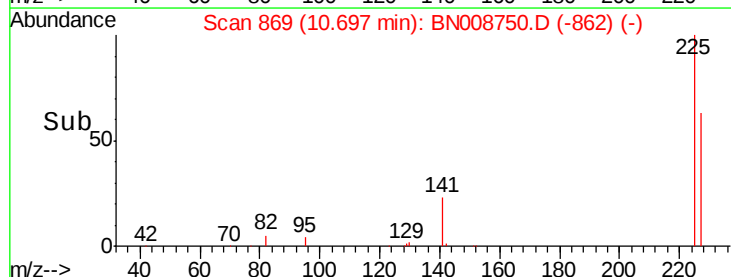
227 64.1 51.8 77.6

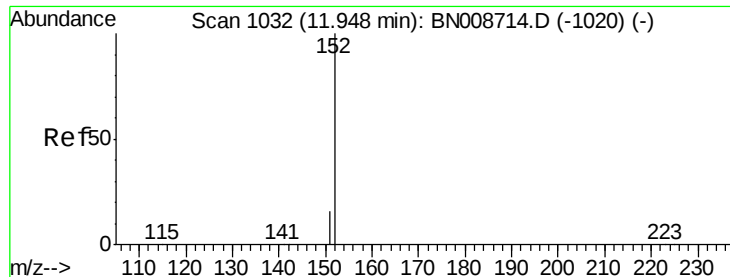


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

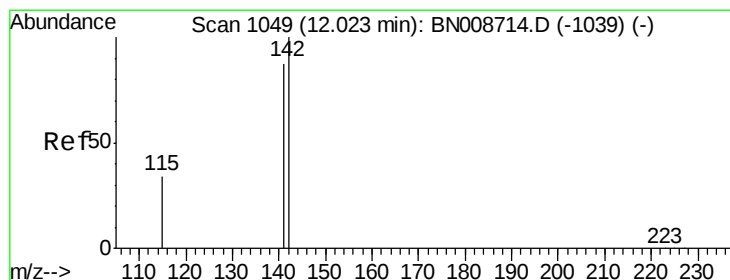
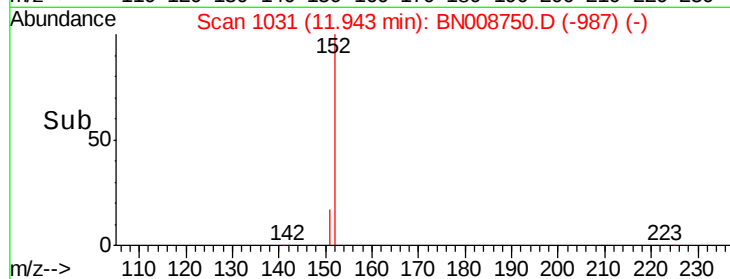
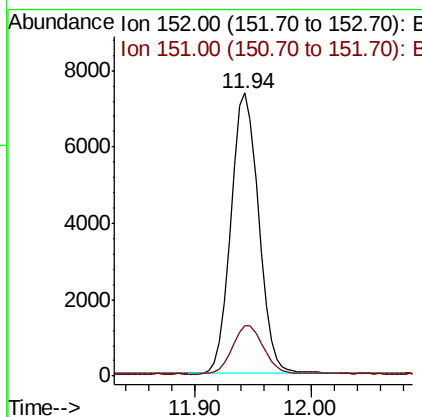
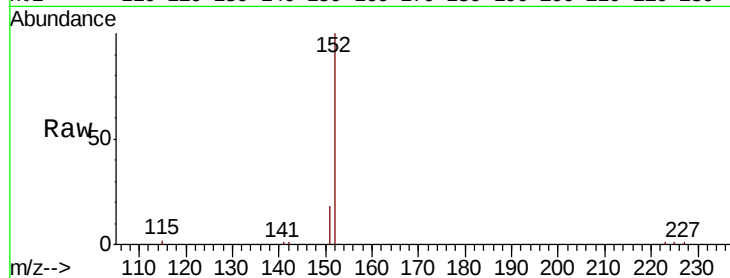




#11
 2-Methylnaphthalene-d10
 Concen: 0.448 ng
 RT: 11.94 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BN008750.D
 Acq: 25 Nov 2019 23:03

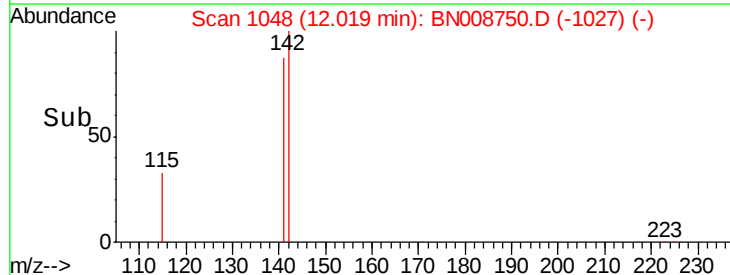
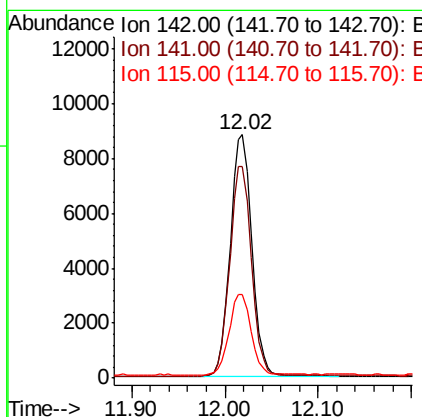
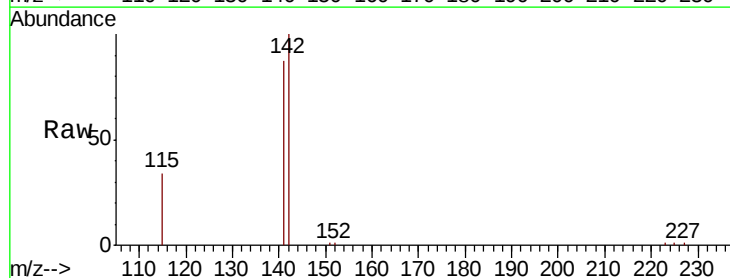
Instrument :
 BNA_N
 ClientSampleId :

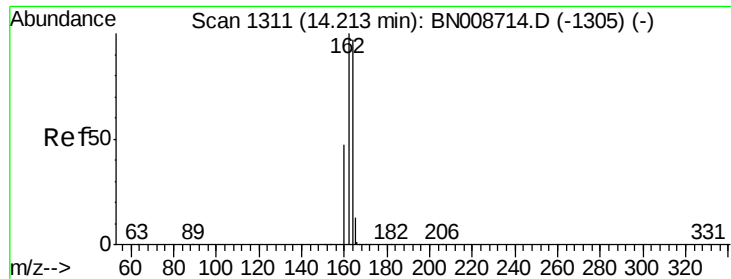
Tot Ion:152 Resp: 11953
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.449 ng
 RT: 12.02 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BN008750.D
 Acq: 25 Nov 2019 23:03

Tgt Ion:142 Resp: 14104
 Ion Ratio Lower Upper
 142 100
 141 86.7 69.8 104.6
 115 34.3 28.4 42.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

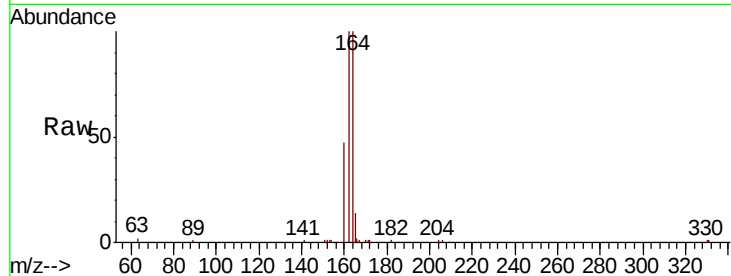
Instrument :

BNA_N

ClientSampleId :

Tot Ion:164 Resp: 10293

Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.2	123.4
160	47.0	38.7	58.1

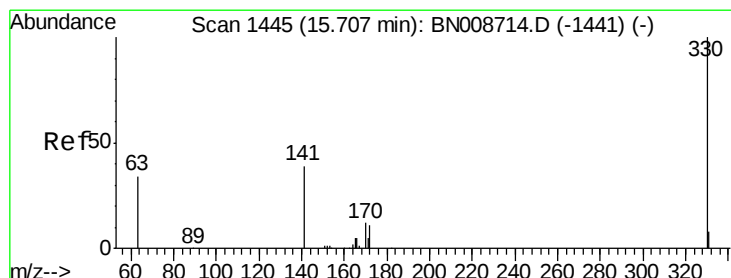
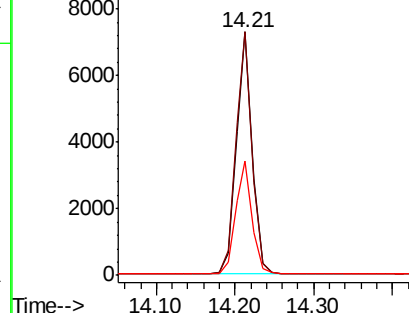
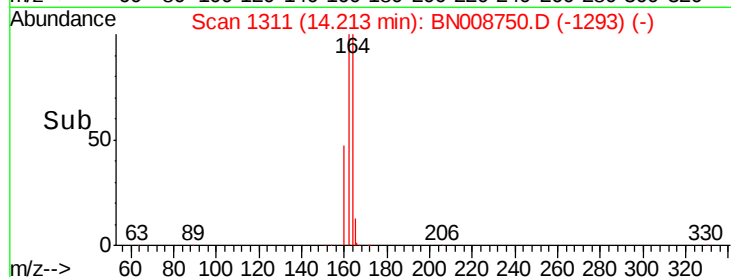


Abundance

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: 0.440 ng

RT: 15.71 min Scan# 1445

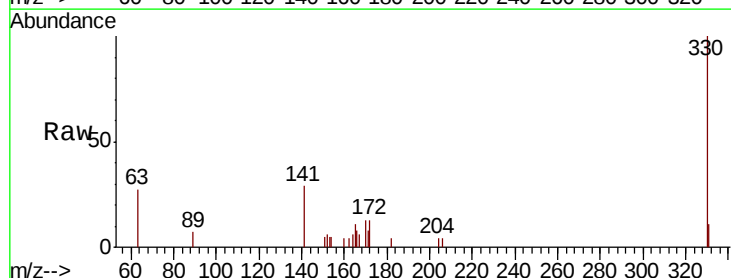
Delta R.T. -0.00 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

Tgt Ion:330 Resp: 2104

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.0	29.5	44.3

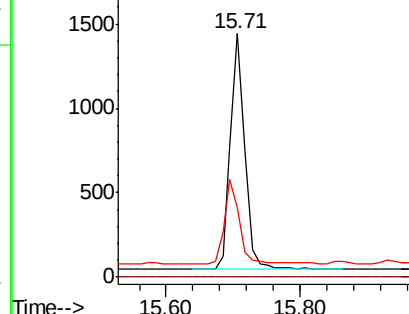
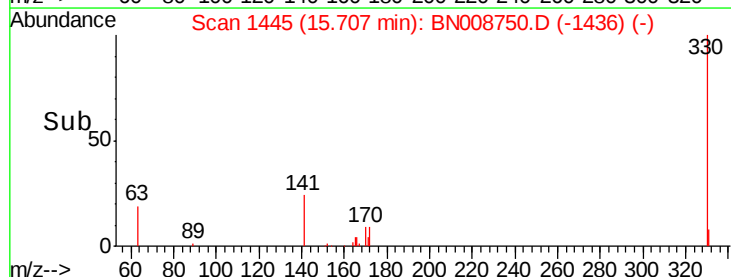


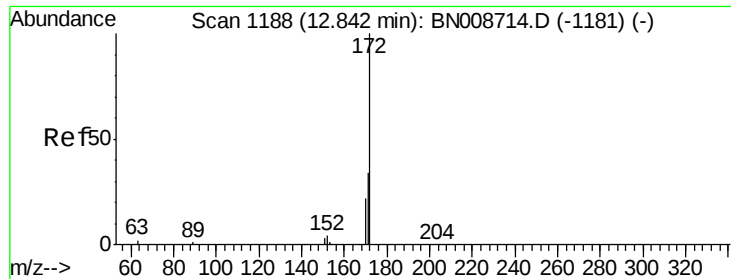
Abundance

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

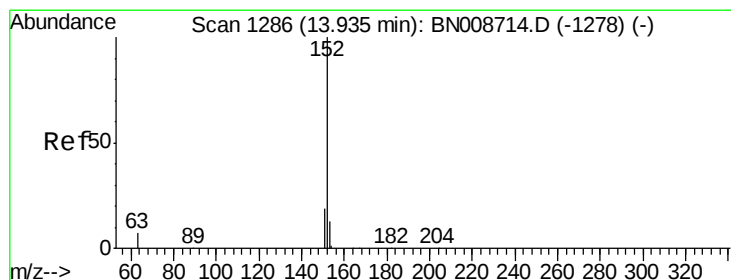
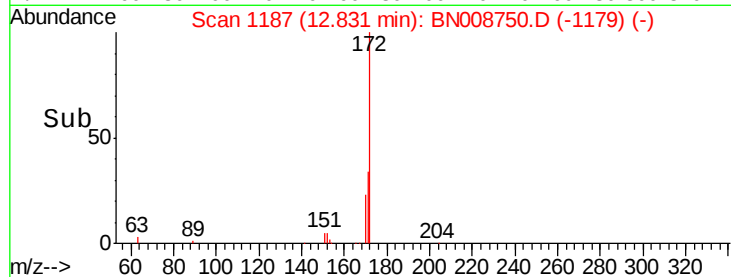
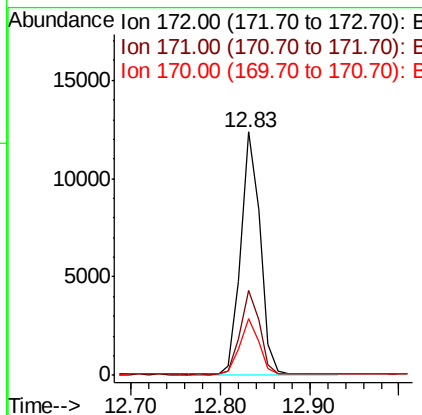
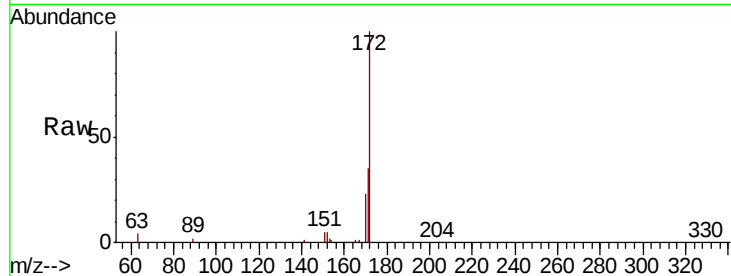




#15
2-Fluorobiphenyl
Concen: 0.461 ng
RT: 12.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

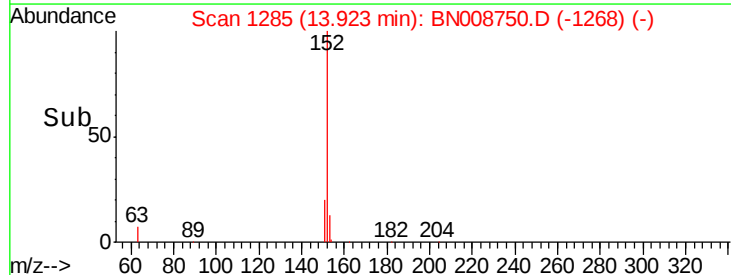
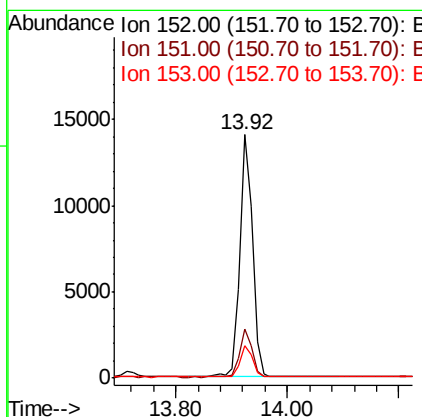
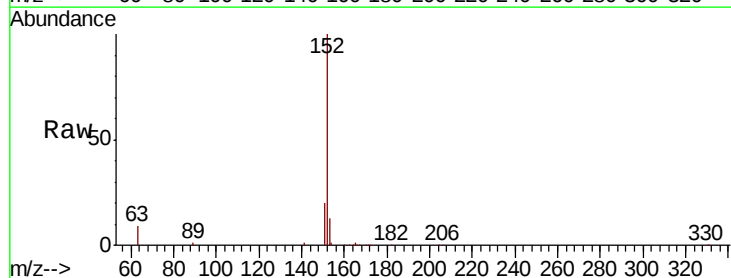
Instrument :
BNA_N
ClientSampleId :

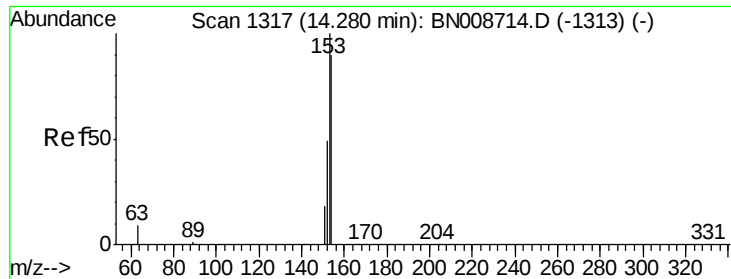
Tot Ion:172 Resp: 18562
Ion Ratio Lower Upper
172 100
171 34.7 27.3 40.9
170 23.3 17.8 26.6



#16
Acenaphthylene
Concen: 0.457 ng
RT: 13.92 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion:152 Resp: 21656
Ion Ratio Lower Upper
152 100
151 19.3 15.5 23.3
153 13.1 10.3 15.5





#17

Acenaphthene

Concen: 0.439 ng

RT: 14.27 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

Instrument :

BNA_N

ClientSampleId :

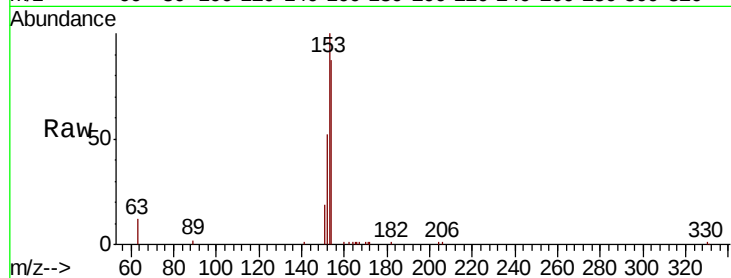
Tot Ion:154 Resp: 13687

Ion Ratio Lower Upper

154 100

153 112.7 89.6 134.4

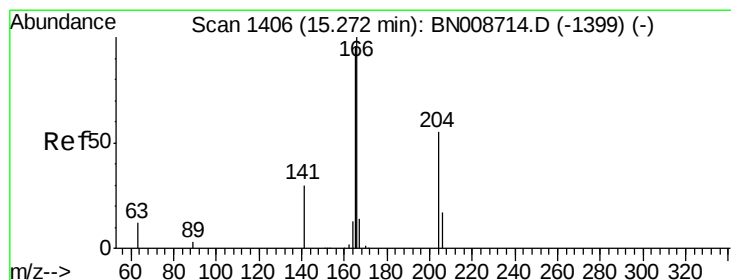
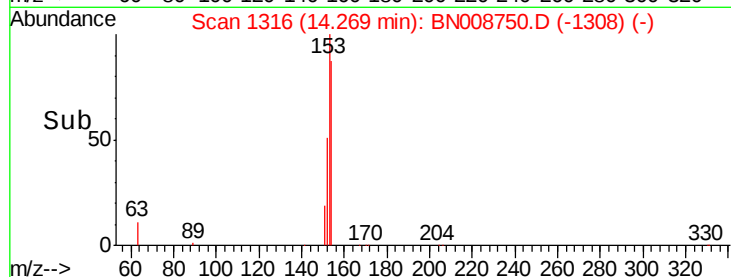
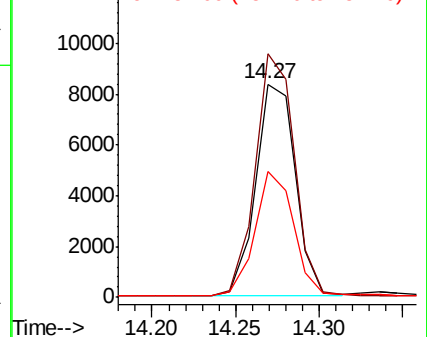
152 57.0 44.7 67.1



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: 0.457 ng

RT: 15.26 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

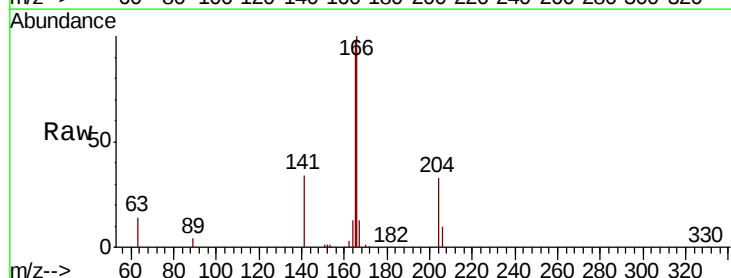
Tgt Ion:166 Resp: 18252

Ion Ratio Lower Upper

166 100

165 96.2 77.7 116.5

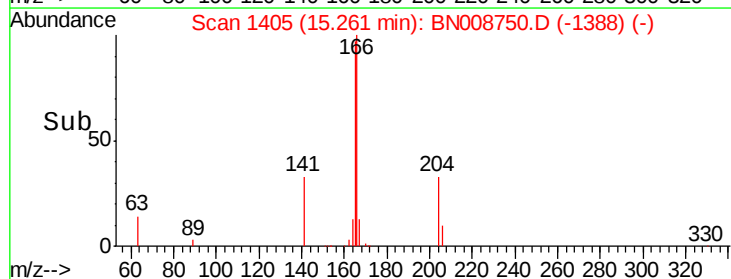
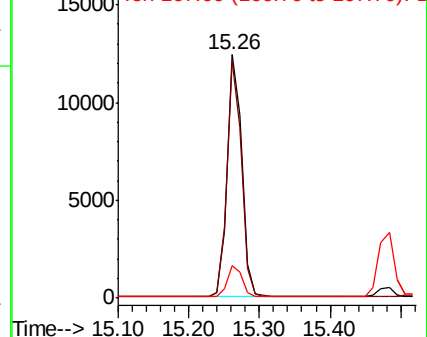
167 13.4 10.8 16.2

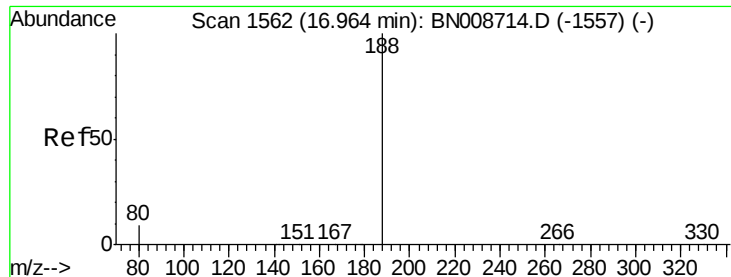


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

Instrument :

BNA_N

ClientSampleId :

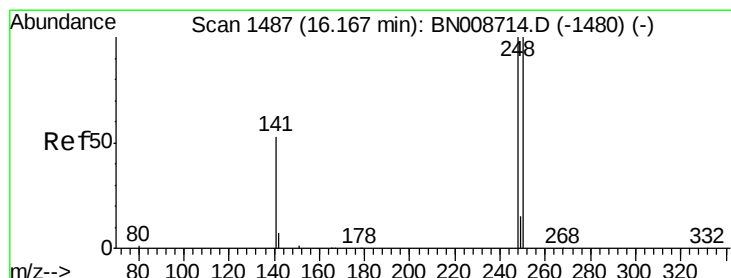
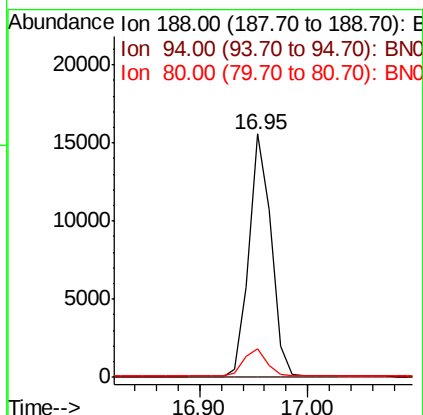
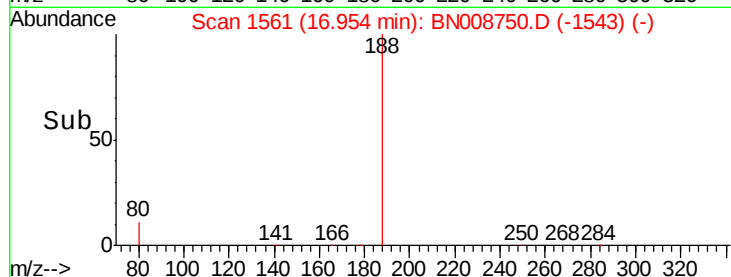
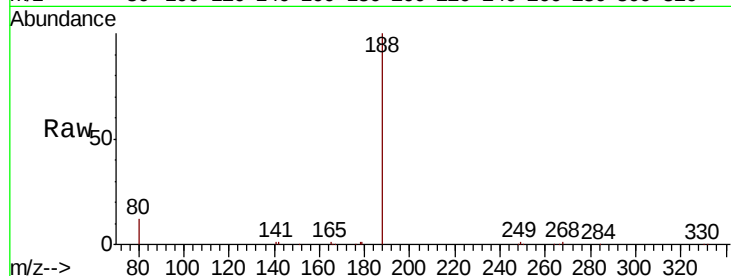
Tot Ion:188 Resp: 22175

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.8 7.4 11.0#



#20

4-Bromophenyl-phenylether

Concen: 0.457 ng

RT: 16.16 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

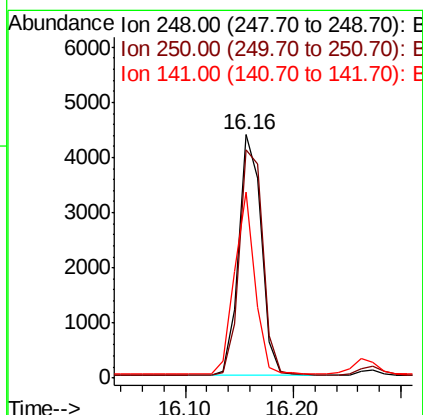
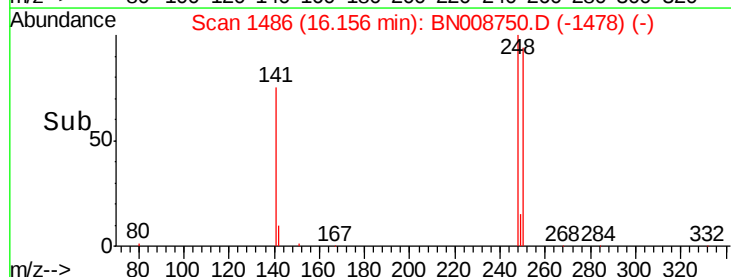
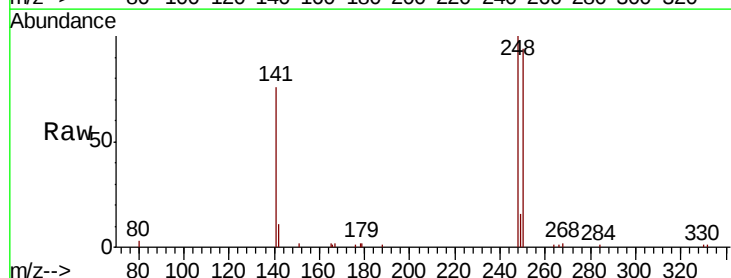
Tgt Ion:248 Resp: 6334

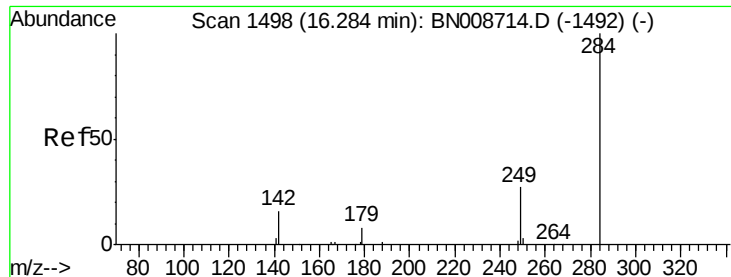
Ion Ratio Lower Upper

248 100

250 93.9 80.5 120.7

141 76.4 43.8 65.6#





#21

Hexachlorobenzene

Concen: 0.457 ng

RT: 16.27 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

Instrument :

BNA_N

ClientSampleId :

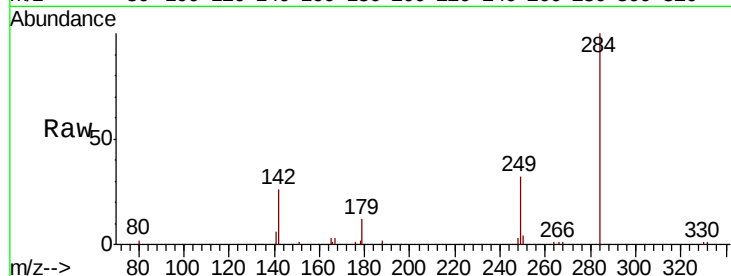
Tot Ion:284 Resp: 6955

Ion Ratio Lower Upper

284 100

142 34.2 27.4 41.0

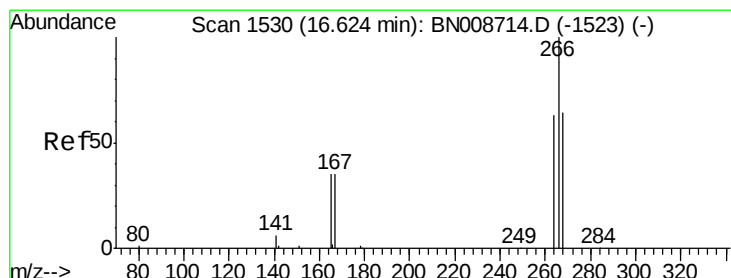
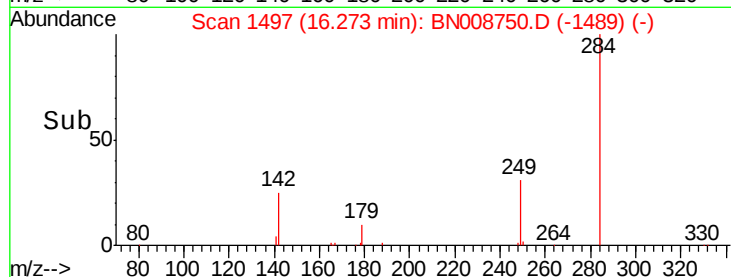
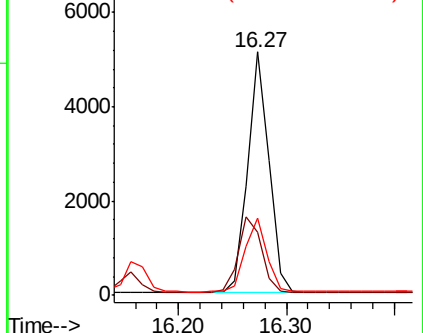
249 31.4 25.4 38.0



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: 0.368 ng

RT: 16.61 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

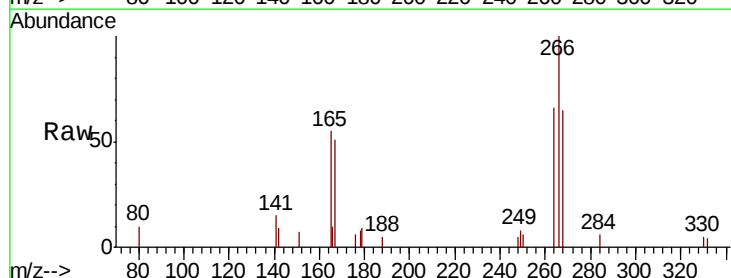
Tgt Ion:266 Resp: 2011

Ion Ratio Lower Upper

266 100

264 66.1 51.0 76.4

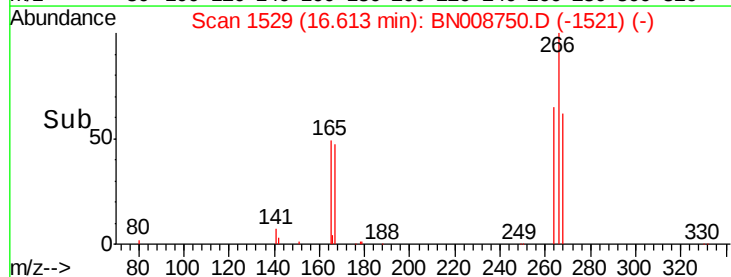
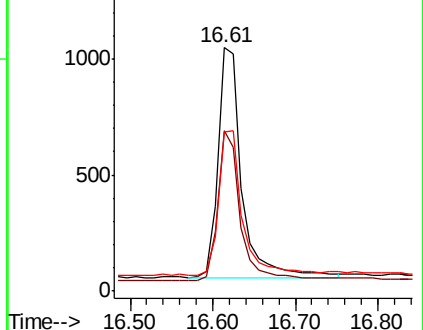
268 65.3 54.1 81.1

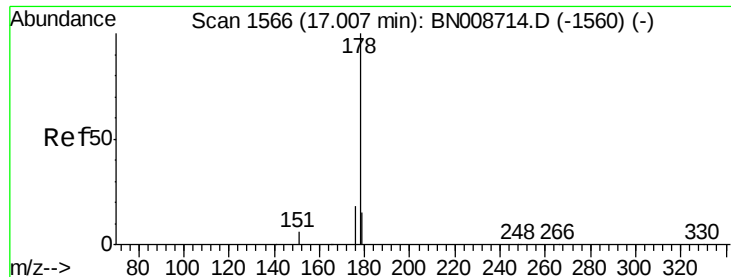


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.454 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

Instrument :

BNA_N

ClientSampled :

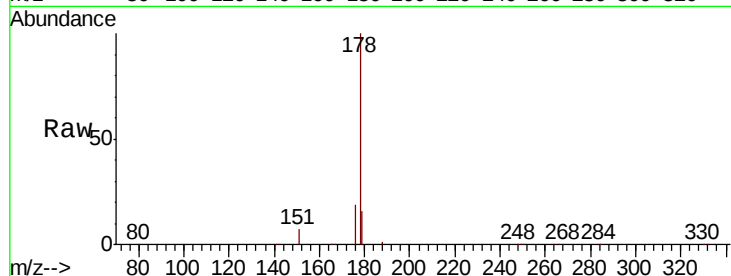
Tot Ion:178 Resp: 31028

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

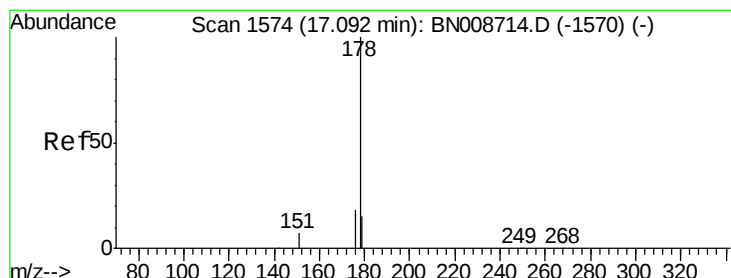
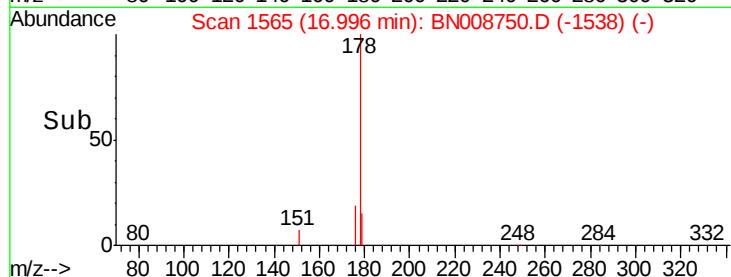
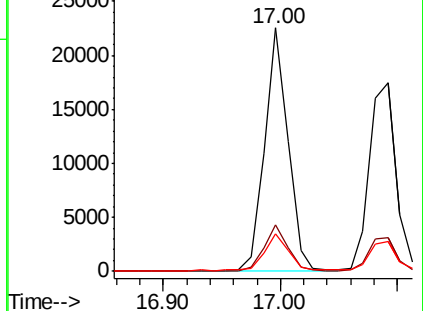
179 15.3 12.3 18.5



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: 0.457 ng

RT: 17.09 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

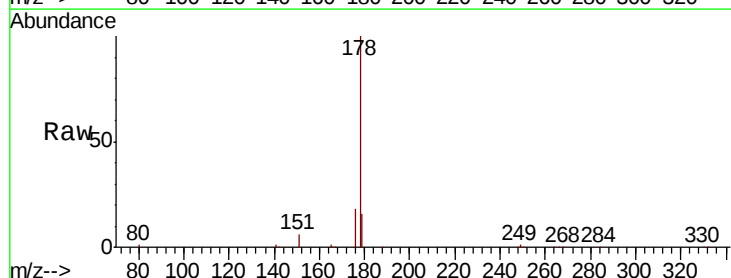
Tgt Ion:178 Resp: 27959

Ion Ratio Lower Upper

178 100

176 17.8 14.4 21.6

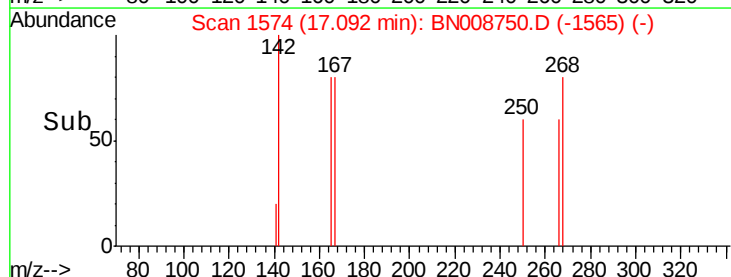
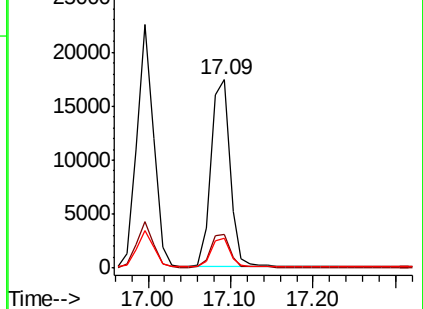
179 15.3 12.0 18.0

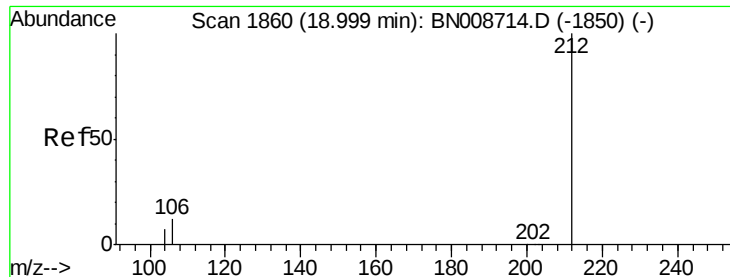


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.454 ng

RT: 18.99 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

Instrument :

BNA_N

ClientSampleId :

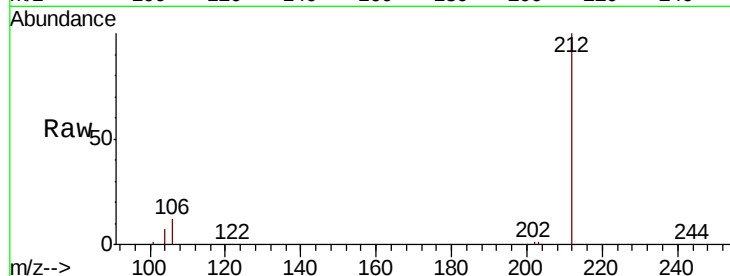
Tot Ion:212 Resp: 29620

Ion Ratio Lower Upper

212 100

106 13.3 10.6 15.8

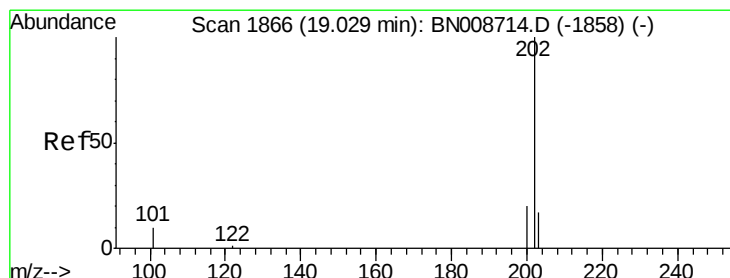
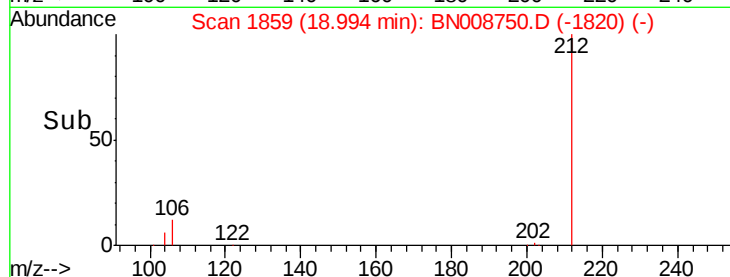
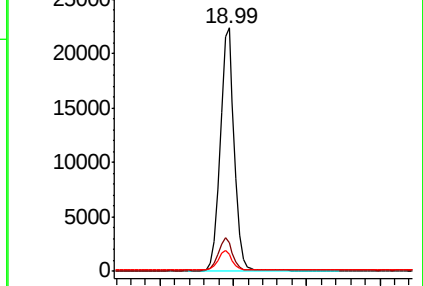
104 7.8 6.0 9.0



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: 0.452 ng

RT: 19.02 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

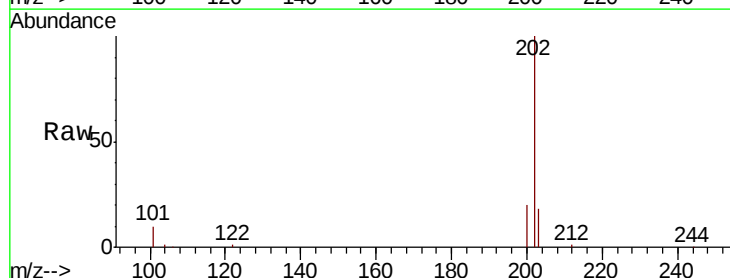
Tgt Ion:202 Resp: 36282

Ion Ratio Lower Upper

202 100

101 11.4 9.0 13.4

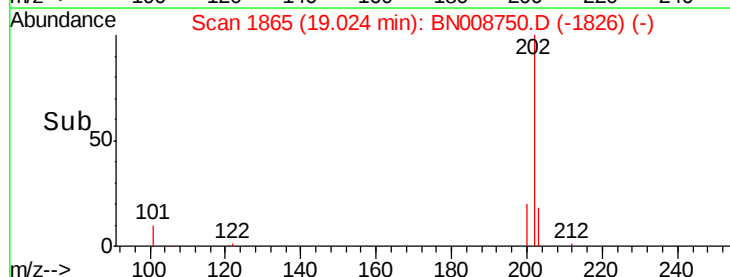
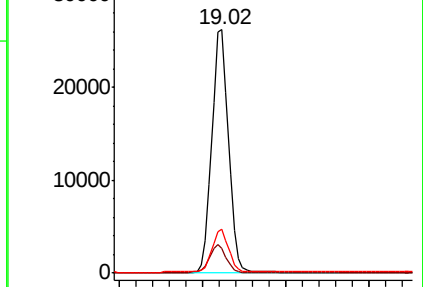
203 17.2 13.8 20.6

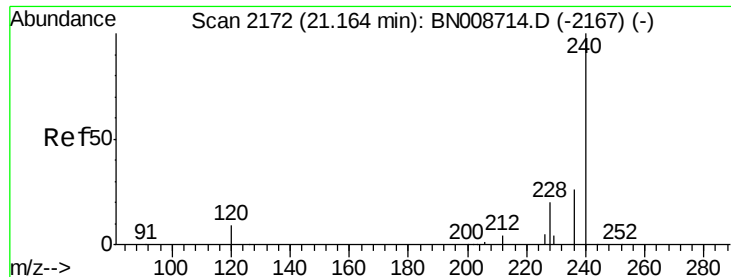


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

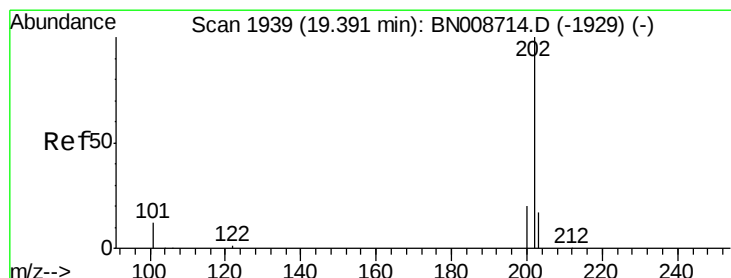
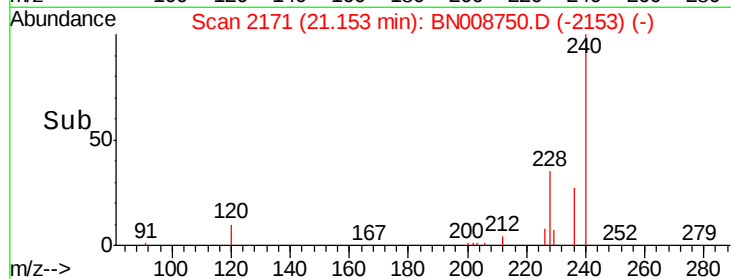
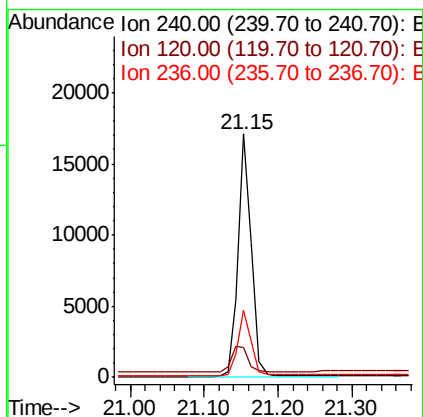
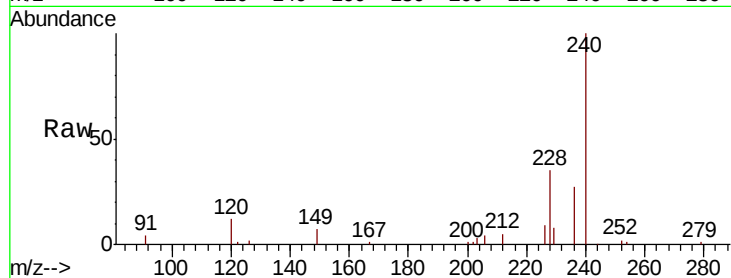




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.15 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BN008750.D
 Acq: 25 Nov 2019 23:03

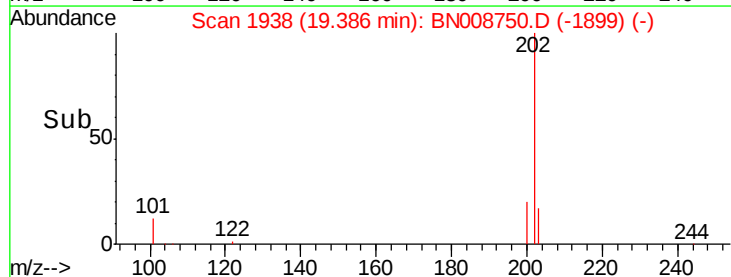
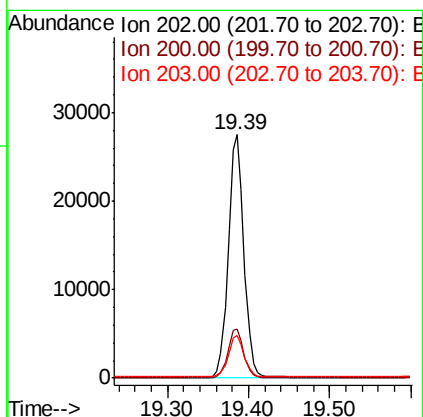
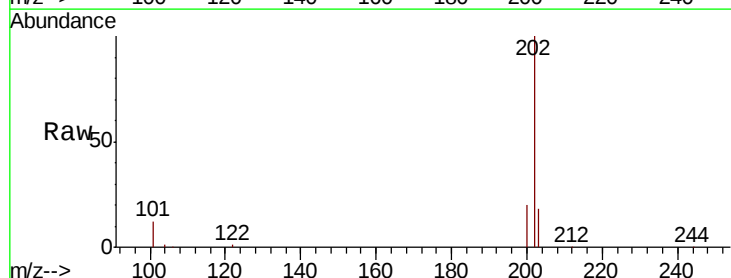
Instrument :
 BNA_N
 ClientSampleId :

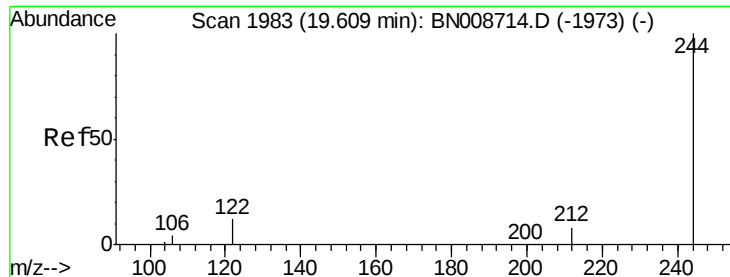
Tot Ion:240 Resp: 21399
 Ion Ratio Lower Upper
 240 100
 120 12.2 9.0 13.4
 236 27.3 21.8 32.6



#28
 Pyrene
 Concen: 0.461 ng
 RT: 19.39 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: BN008750.D
 Acq: 25 Nov 2019 23:03

Tgt Ion:202 Resp: 36452
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.2 24.4
 203 17.4 14.0 21.0





#29

Terphenyl-d14

Concen: 0.469 ng

RT: 19.60 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

Instrument :

BNA_N

ClientSampleId :

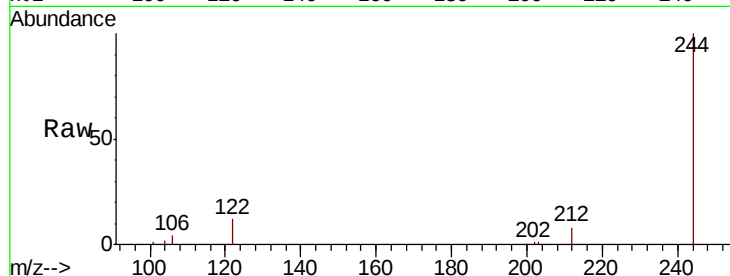
Tot Ion:244 Resp: 24150

Ion Ratio Lower Upper

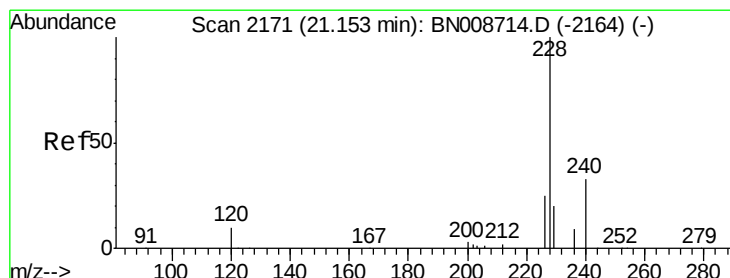
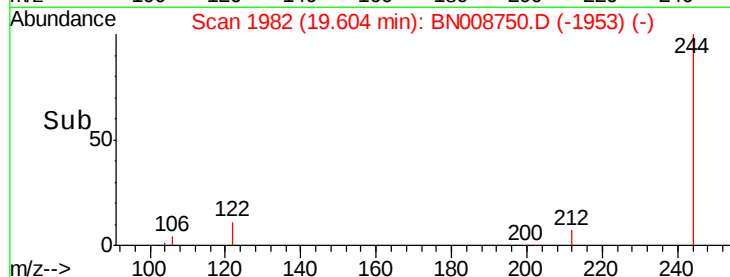
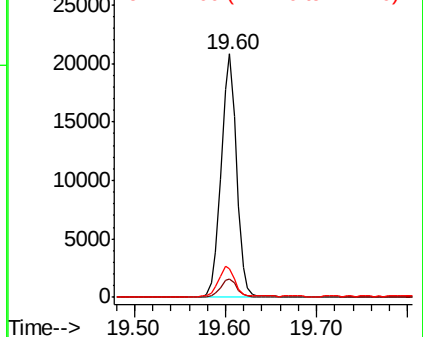
244 100

212 7.6 6.6 9.8

122 11.8 10.1 15.1



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: 0.440 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

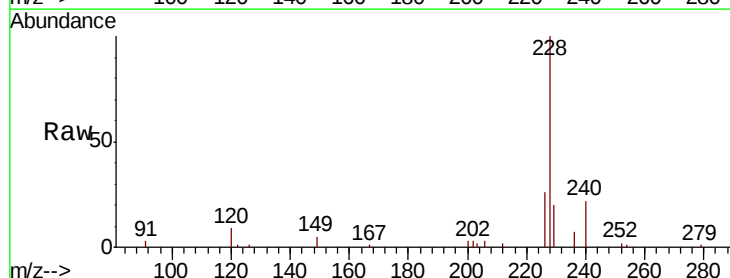
Tgt Ion:228 Resp: 34465

Ion Ratio Lower Upper

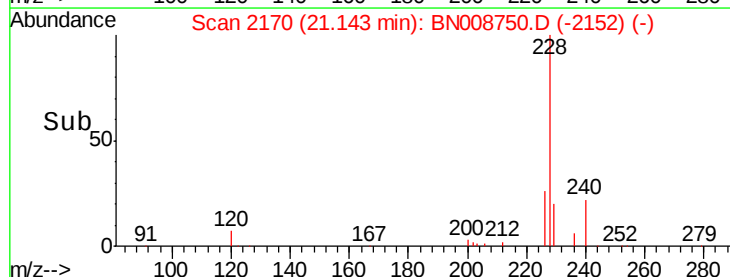
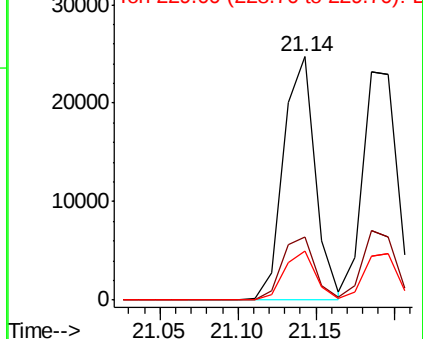
228 100

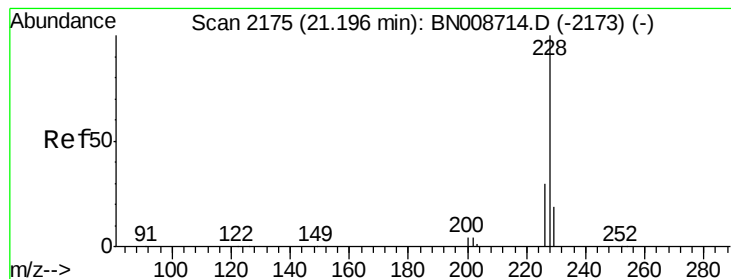
226 25.8 20.3 30.5

229 20.4 16.2 24.4



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: 0.463 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

Instrument :

BNA_N

ClientSampleId :

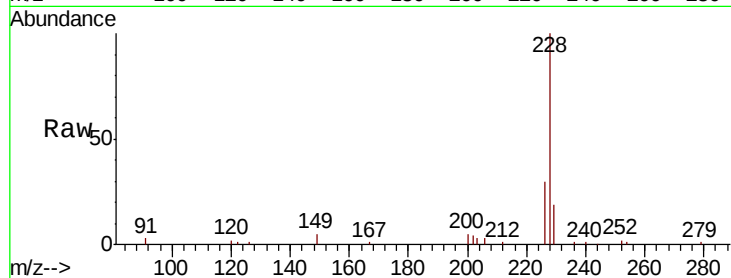
Tot Ion:228 Resp: 35119

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.8

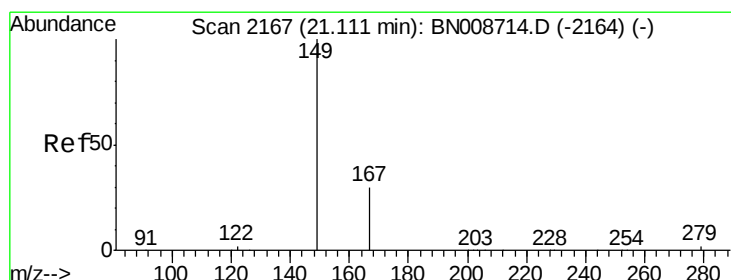
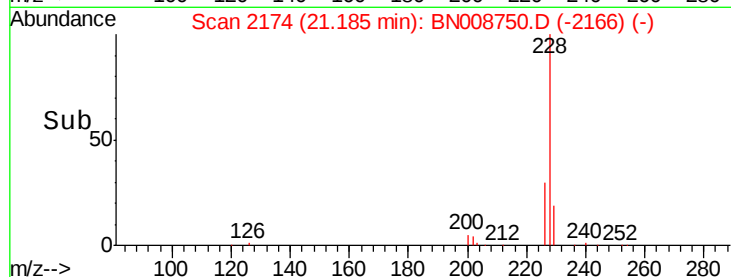
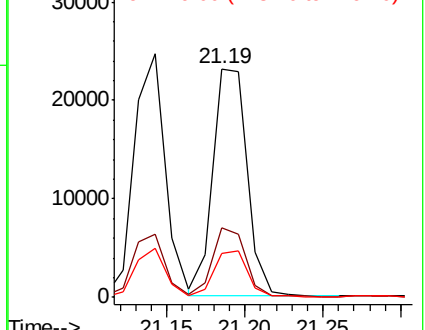
229 19.3 15.4 23.0



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: 0.346 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

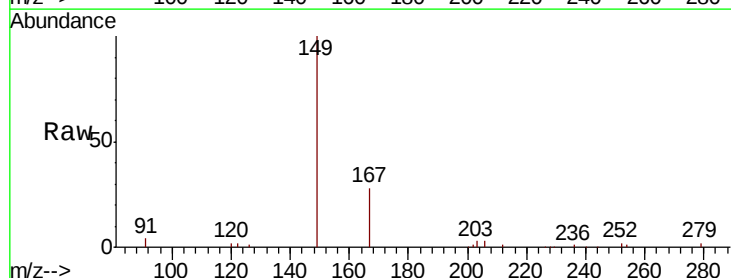
Tgt Ion:149 Resp: 17598

Ion Ratio Lower Upper

149 100

167 28.5 23.5 35.3

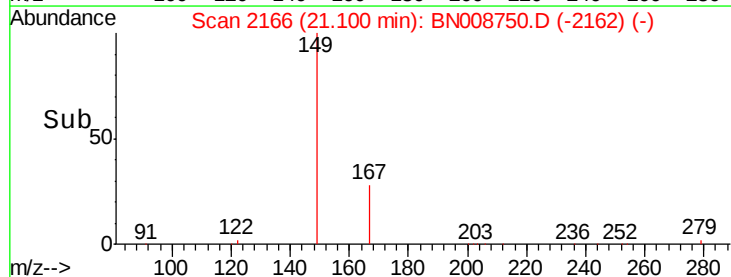
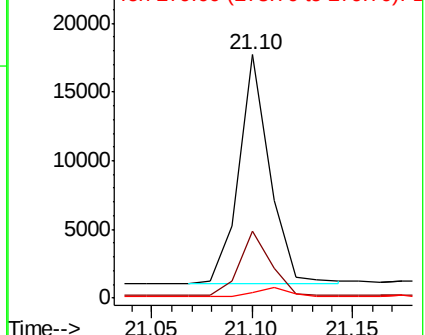
279 3.9 3.4 5.0

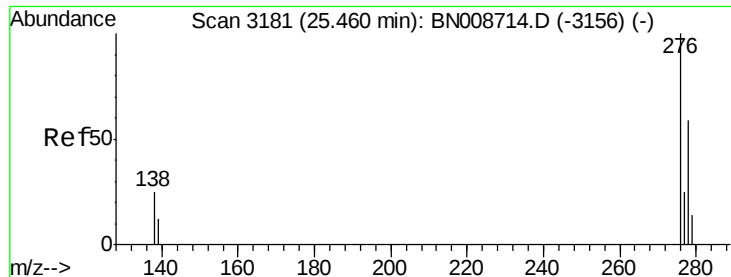


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

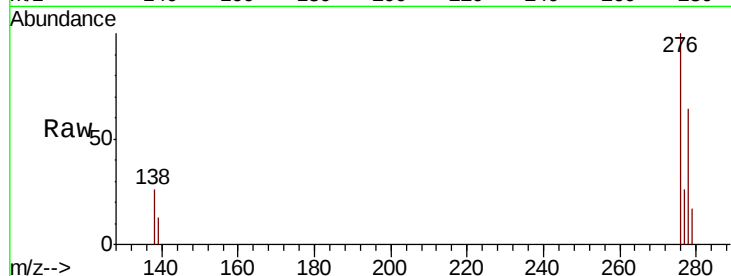




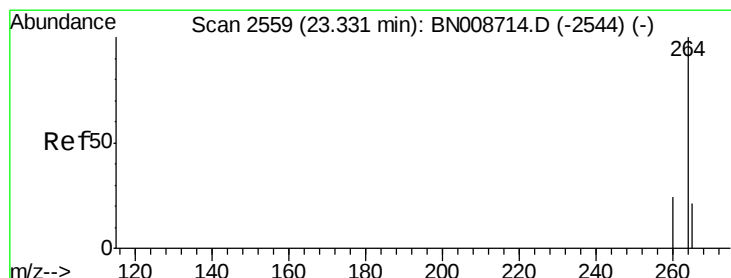
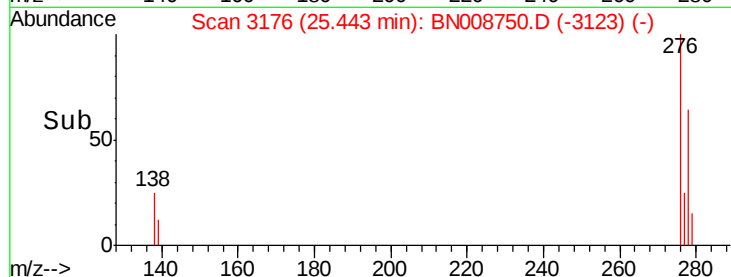
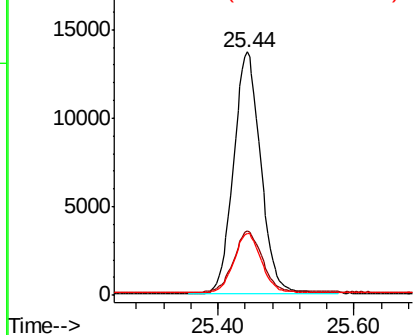
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.451 ng
 RT: 25.44 min Scan# 3176
 Delta R.T. -0.02 min
 Lab File: BN008750.D
 Acq: 25 Nov 2019 23:03

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 38142
 Ion Ratio Lower Upper
 276 100
 138 26.5 21.0 31.6
 277 24.8 19.9 29.9

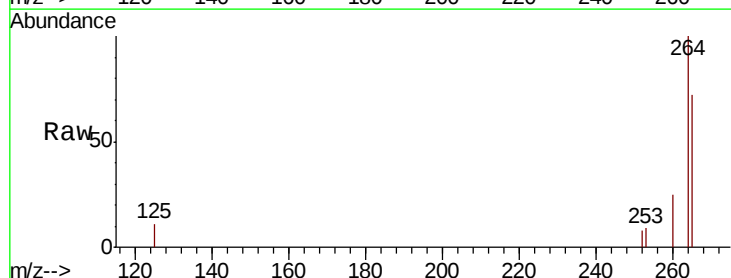


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

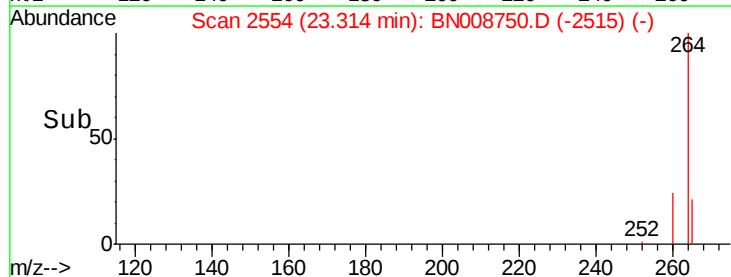
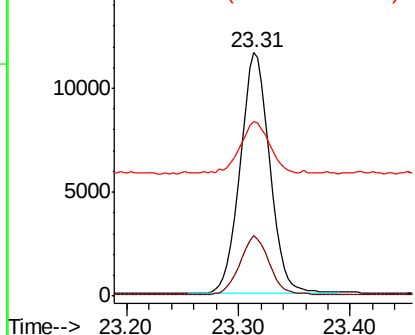


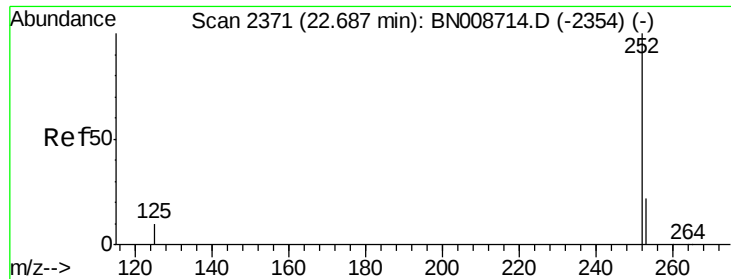
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.31 min Scan# 2554
 Delta R.T. -0.02 min
 Lab File: BN008750.D
 Acq: 25 Nov 2019 23:03

Tgt Ion:264 Resp: 21166
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 71.5 61.8 92.6



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

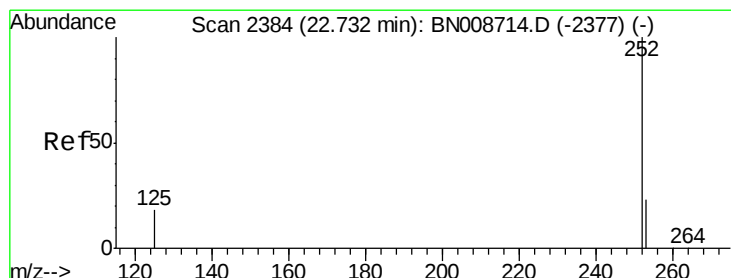
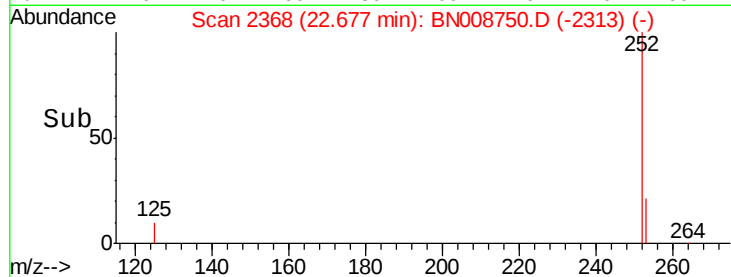
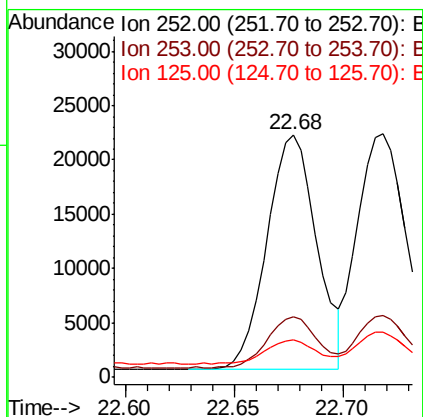
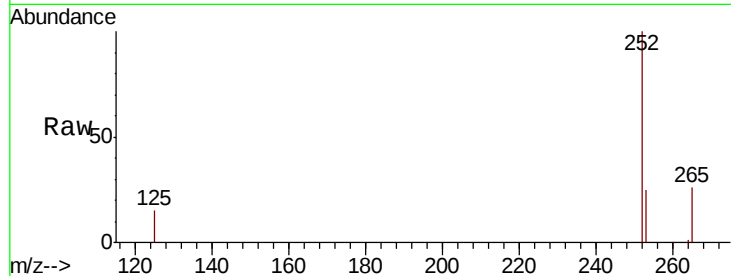




#35
Benzo(b)fluoranthene
Concen: 0.469 ng
RT: 22.68 min Scan# 2368
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

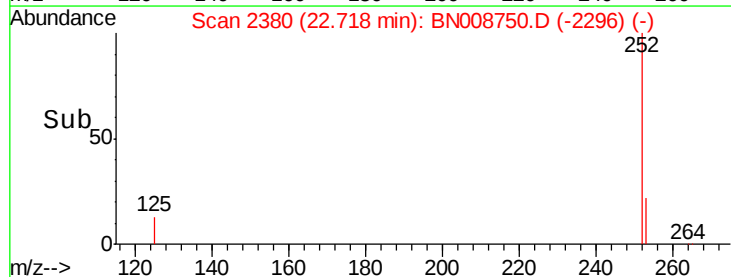
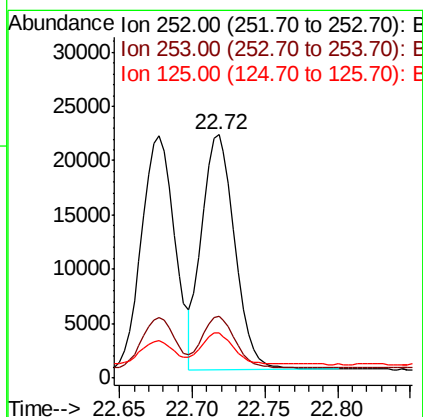
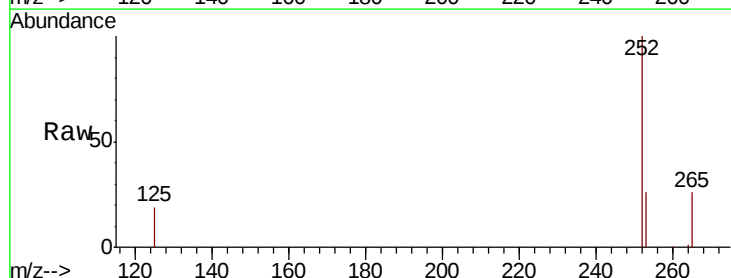
Instrument :
BNA_N
ClientSampleId :

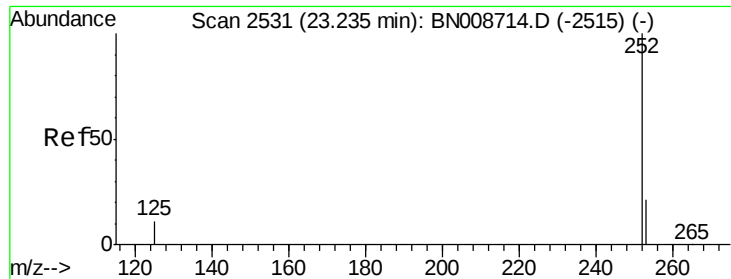
Tot Ion:252 Resp: 34346
Ion Ratio Lower Upper
252 100
253 24.7 20.8 31.2
125 15.4 13.5 20.3



#36
Benzo(k)fluoranthene
Concen: 0.462 ng
RT: 22.72 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion:252 Resp: 34310
Ion Ratio Lower Upper
252 100
253 25.6 21.8 32.6
125 18.7 18.2 27.4





#37

Benzo(a)pyrene

Concen: 0.458 ng

RT: 23.22 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

Instrument :

BNA_N

ClientSampleId :

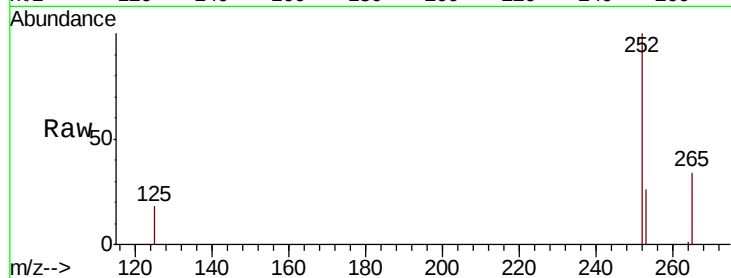
Tot Ion:252 Resp: 31061

Ion Ratio Lower Upper

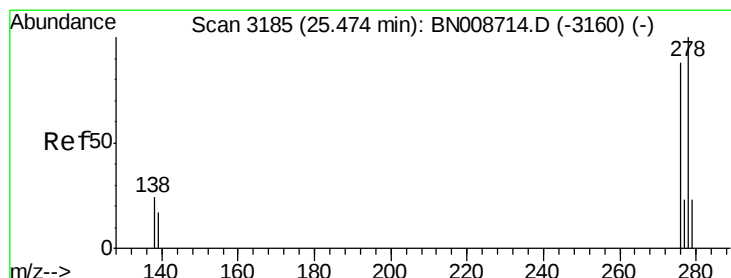
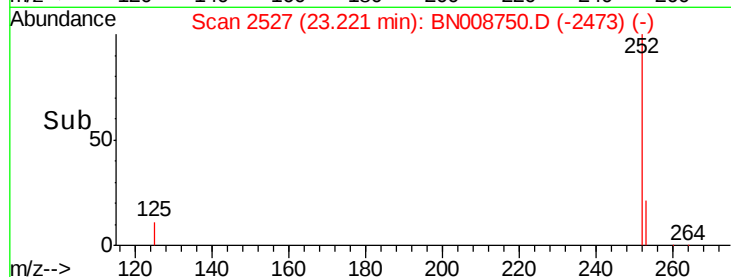
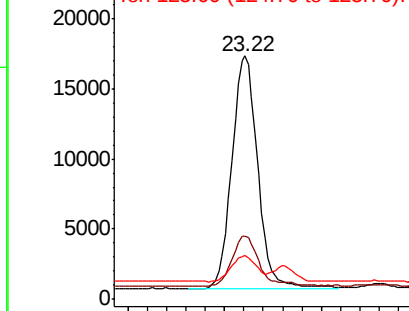
252 100

253 25.9 21.9 32.9

125 18.1 16.3 24.5



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: 0.460 ng

RT: 25.45 min Scan# 3179

Delta R.T. -0.02 min

Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

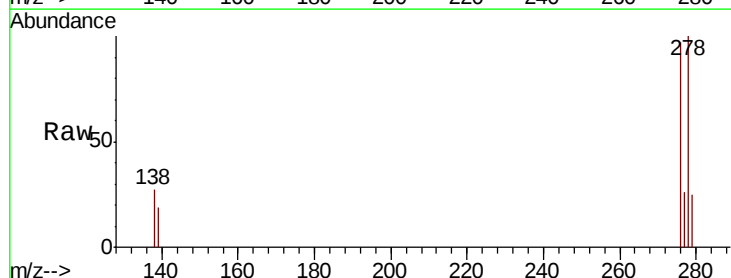
Tgt Ion:278 Resp: 30742

Ion Ratio Lower Upper

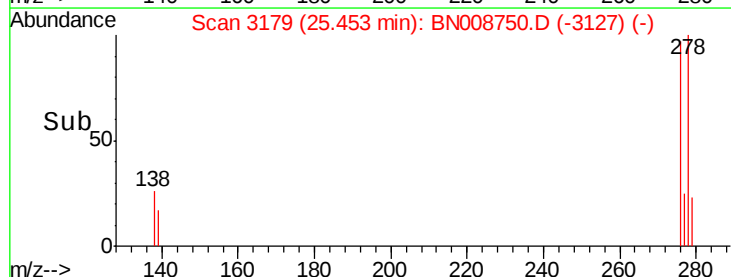
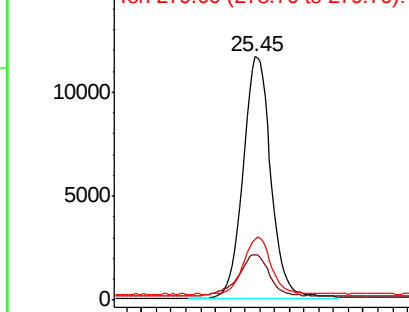
278 100

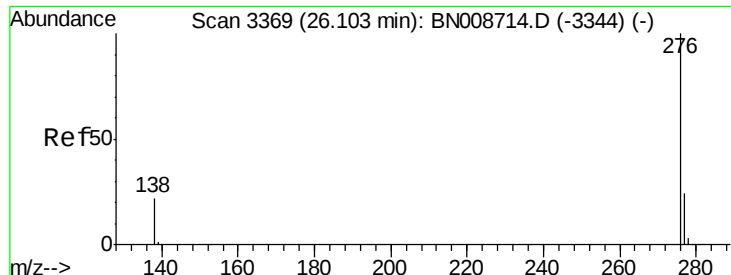
139 18.6 15.4 23.2

279 25.0 21.3 31.9



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: 0.465 ng

RT: 26.09 min Scan# 3364

Delta R.T. -0.02 min

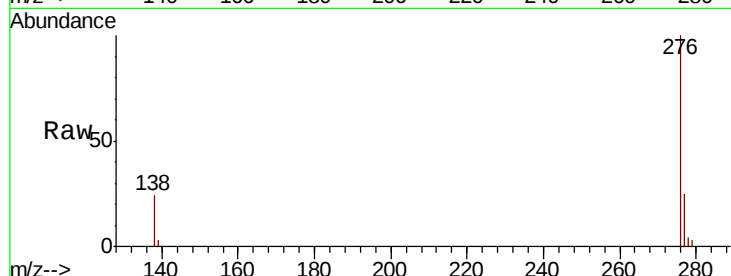
Lab File: BN008750.D

Acq: 25 Nov 2019 23:03

Instrument :

BNA_N

ClientSampleId :



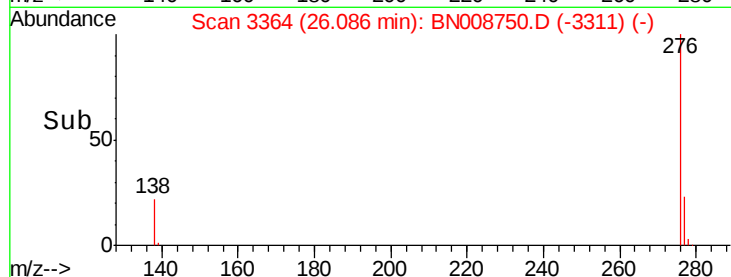
Tot Ion: 276 Resp: 31025

Ion Ratio Lower Upper

276 100

277 24.7 20.4 30.6

138 23.6 19.2 28.8



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

