

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112219\
 Data File : BN008720.D
 Acq On : 22 Nov 2019 23:59
 Operator : JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 25 10:30:35 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 10:21:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	4842	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	17721	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	11040	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	24102	0.40	ng	0.00
27) Chrysene-d12	21.16	240	24159	0.40	ng	0.00
34) Perylene-d12	23.32	264	24694	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	2458	0.19	ng	0.00
5) Phenol-d6	6.78	99	3053	0.19	ng	0.00
8) Nitrobenzene-d5	8.73	82	3027	0.19	ng	0.00
11) 2-Methylnaphthalene-d10	11.95	152	5362	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	909	0.18	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	8336	0.19	ng	0.00
25) Fluoranthene-d10	18.99	212	13446	0.19	ng	0.00
29) Terphenyl-d14	19.61	244	11106	0.19	ng	0.00

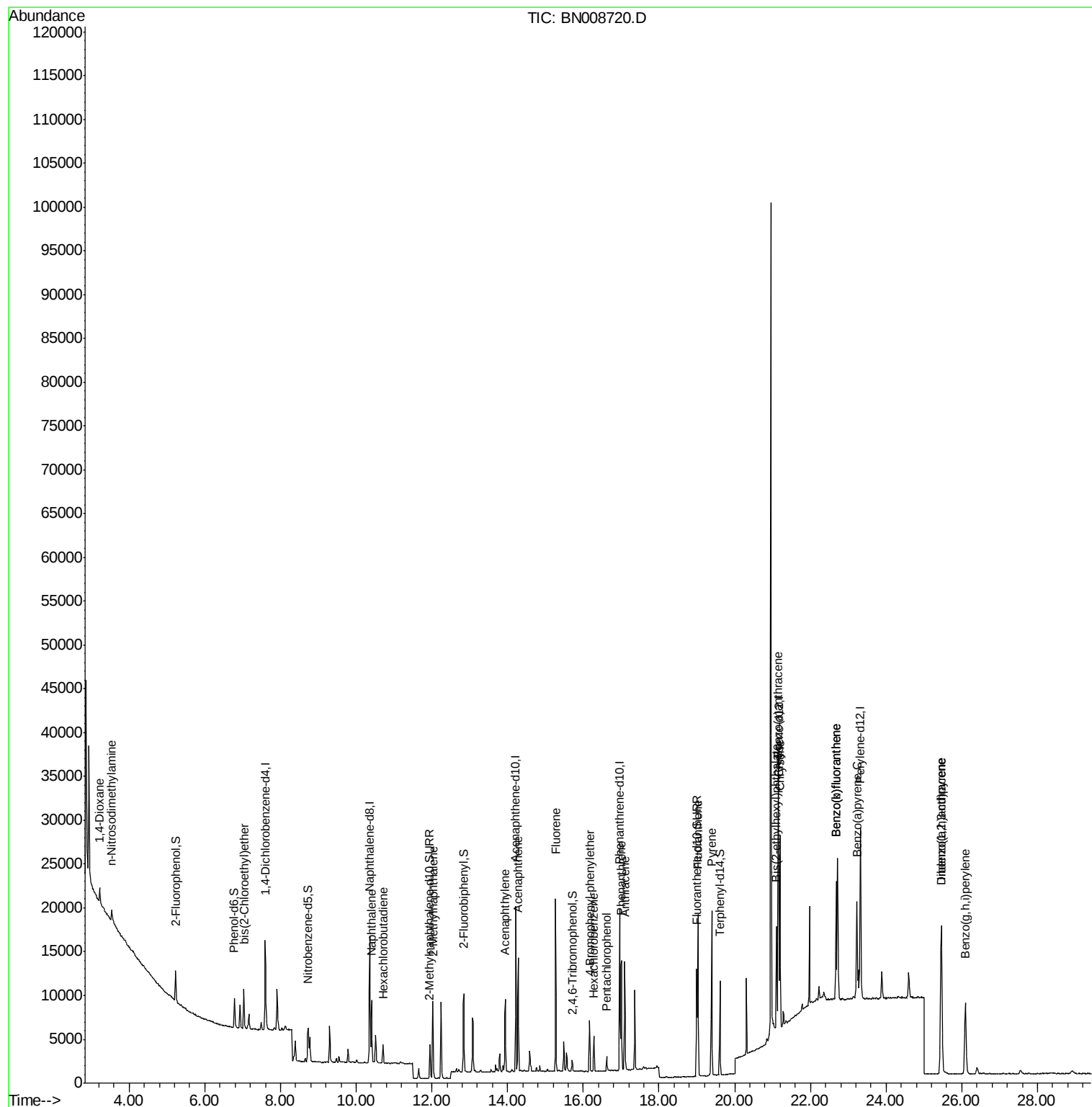
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	925	0.181	ng	94
3) n-Nitrosodimethylamine	3.54	42	1003	0.309	ng	# 91
6) bis(2-Chloroethyl)ether	7.03	93	2999	0.200	ng	100
9) Naphthalene	10.41	128	9216	0.195	ng	99
10) Hexachlorobutadiene	10.71	225	1929	0.197	ng	# 98
12) 2-Methylnaphthalene	12.02	142	6335	0.192	ng	100
16) Acenaphthylene	13.93	152	9338	0.184	ng	100
17) Acenaphthene	14.28	154	6266	0.187	ng	100
18) Fluorene	15.27	166	8222	0.192	ng	100
20) 4-Bromophenyl-phenylether	16.17	248	2871	0.191	ng	98
21) Hexachlorobenzene	16.28	284	3173	0.192	ng	100
22) Pentachlorophenol	16.62	266	966	0.163	ng	97
23) Phenanthrene	17.01	178	14137	0.190	ng	99
24) Anthracene	17.09	178	12259	0.185	ng	99
26) Fluoranthene	19.02	202	16744	0.192	ng	100
28) Pyrene	19.39	202	16980	0.190	ng	100
30) Benzo(a)anthracene	21.14	228	16895	0.191	ng	99
31) Chrysene	21.20	228	16819	0.196	ng	98
32) Bis(2-ethylhexyl)phthalate	21.10	149	12089	0.211	ng	98
33) Indeno(1,2,3-cd)pyrene	25.45	276	19057	0.200	ng	97
35) Benzo(b)fluoranthene	22.68	252	16269	0.190	ng	# 92
36) Benzo(k)fluoranthene	22.68	252	16269	0.188	ng	97
37) Benzo(a)pyrene	23.23	252	15317	0.194	ng	# 92
38) Dibenzo(a,h)anthracene	25.47	278	15444	0.198	ng	96
39) Benzo(g,h,i)perylene	26.10	276	15344	0.197	ng	99

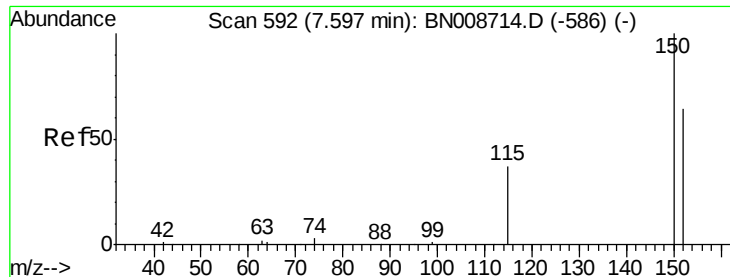
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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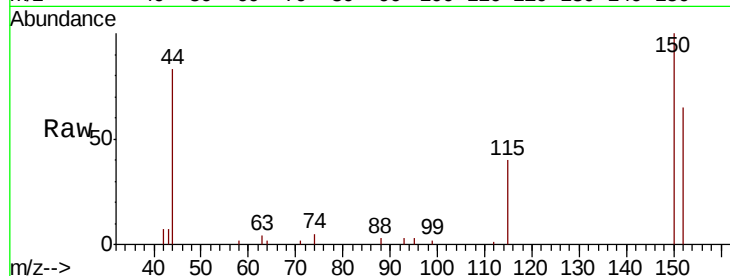


#1

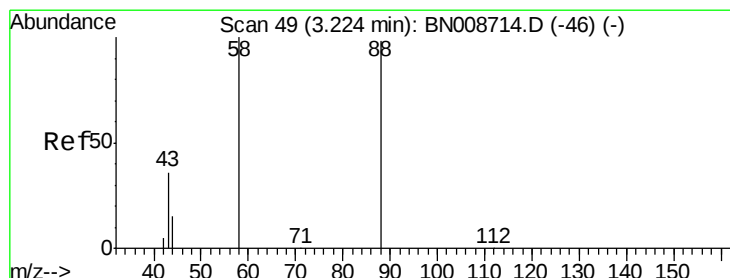
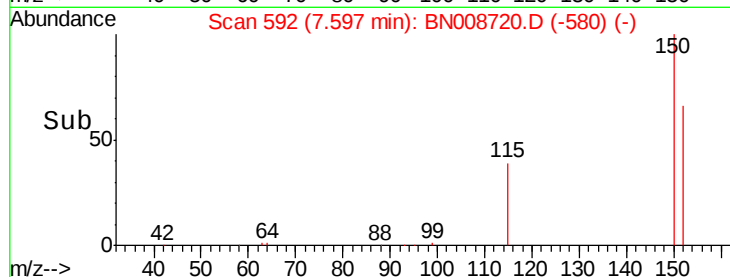
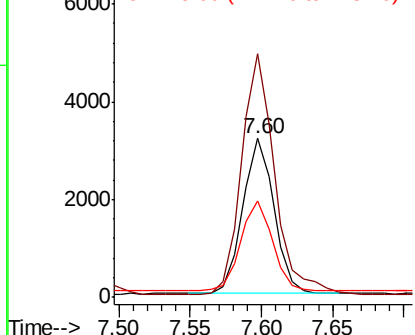
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008720.D
Acq: 22 Nov 2019 23:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4842
Ion Ratio Lower Upper
152 100
150 153.1 124.0 186.0
115 60.9 49.8 74.8



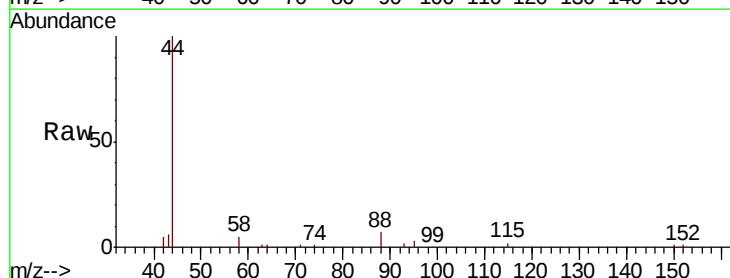
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



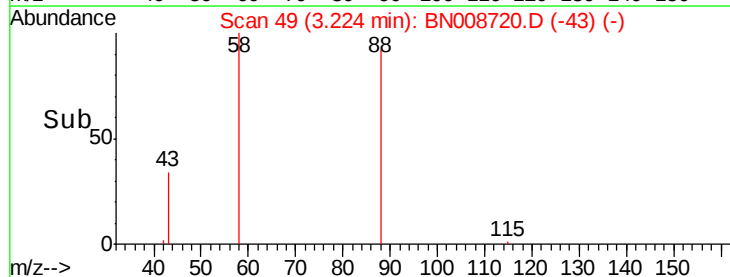
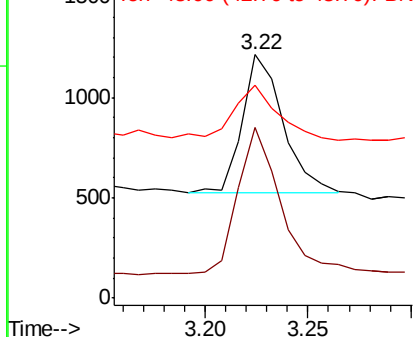
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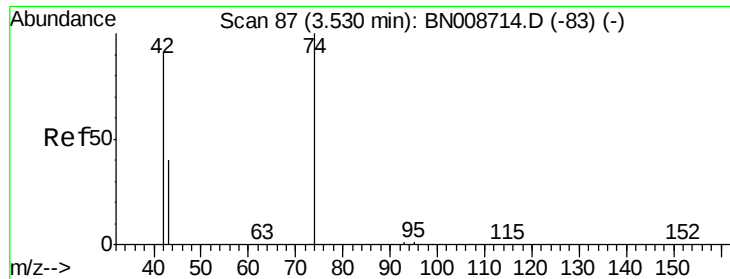
1,4-Dioxane
Concen: 0.181 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN008720.D
Acq: 22 Nov 2019 23:59

Tgt Ion: 88 Resp: 925
Ion Ratio Lower Upper
88 100
58 111.7 85.7 128.5
43 44.1 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



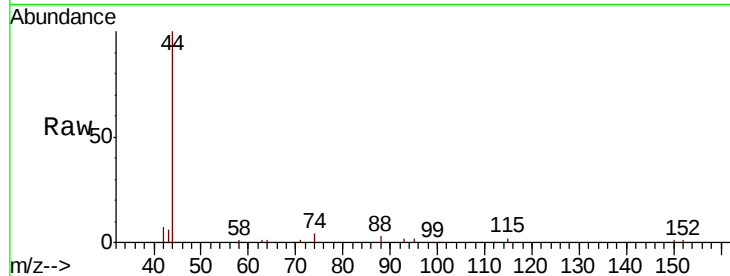


#3

n-Nitrosodimethylamine
 Concen: 0.309 ng
 RT: 3.54 min Scan# 88
 Delta R.T. 0.01 min
 Lab File: BN008720.D
 Acq: 22 Nov 2019 23:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	119.5	88.0	132.0
44	0.0	0.0	0.0

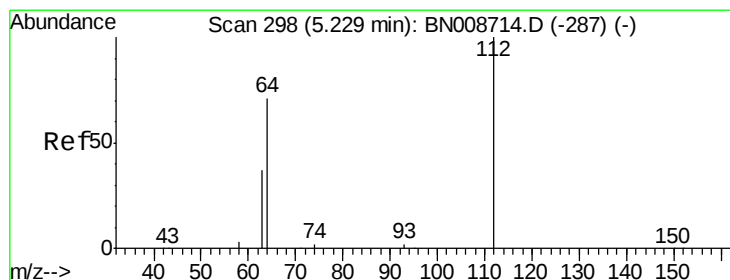
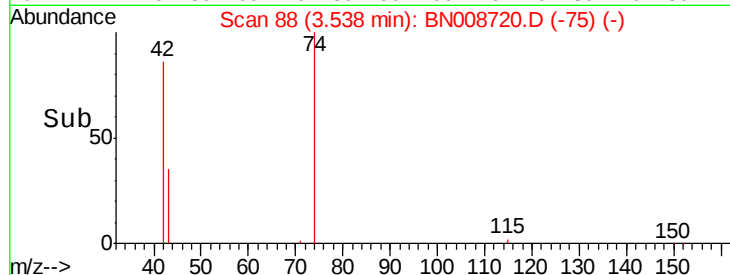
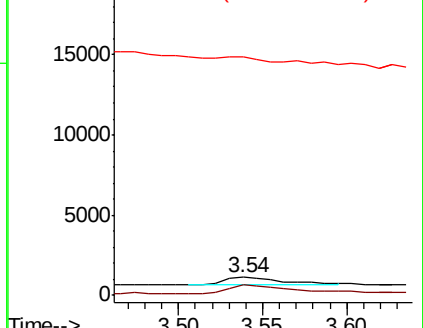


Abundance

Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

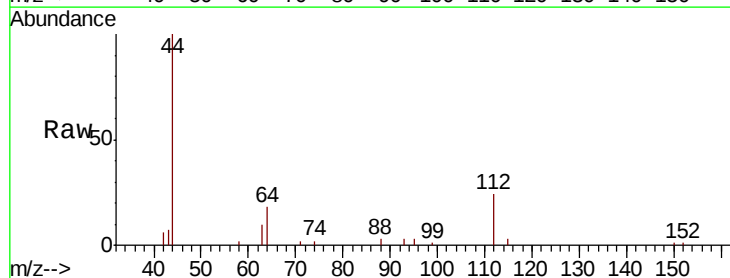
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol
 Concen: 0.194 ng
 RT: 5.23 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: BN008720.D
 Acq: 22 Nov 2019 23:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.2	57.1	85.7
63	37.6	29.7	44.5

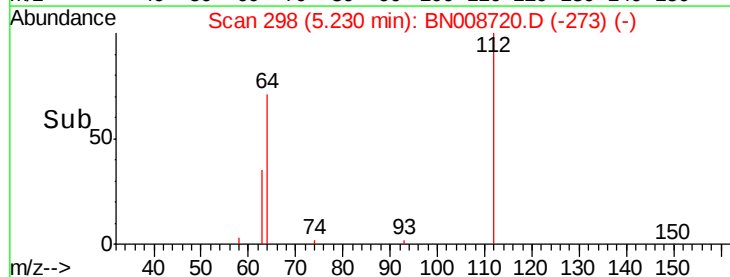
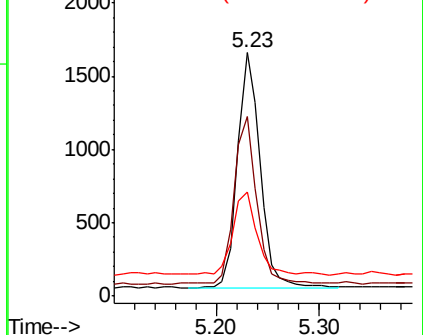


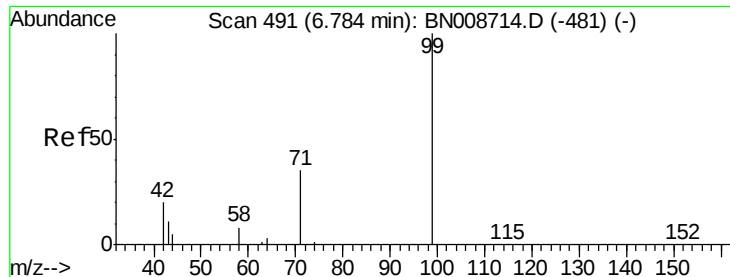
Abundance

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: 0.191 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

Instrument :

BNA_N

ClientSampled :

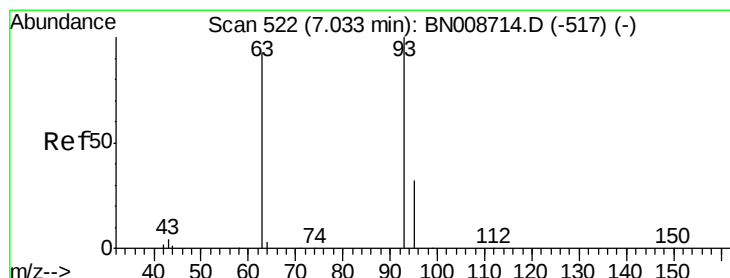
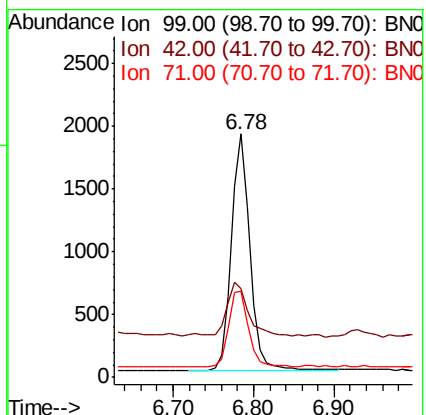
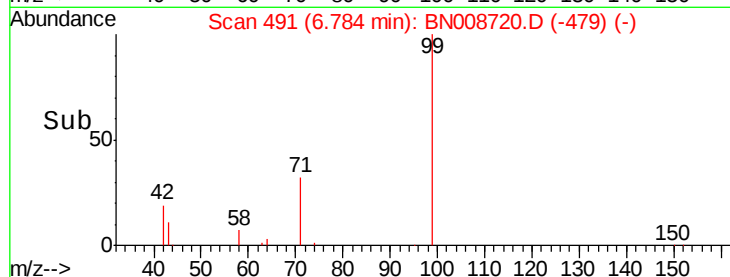
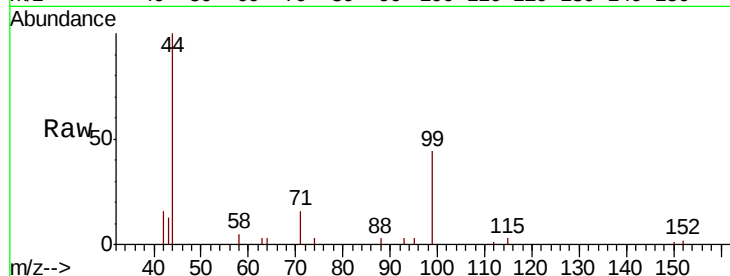
Tot Ion: 99 Resp: 3053

Ion Ratio Lower Upper

99 100

42 25.7 19.4 29.2

71 34.0 27.5 41.3



#6

bis(2-Chloroethyl)ether

Concen: 0.200 ng

RT: 7.03 min Scan# 522

Delta R.T. 0.00 min

Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

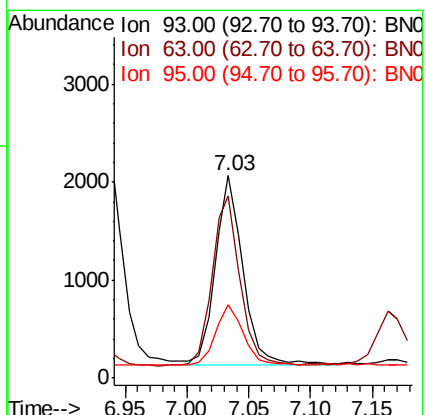
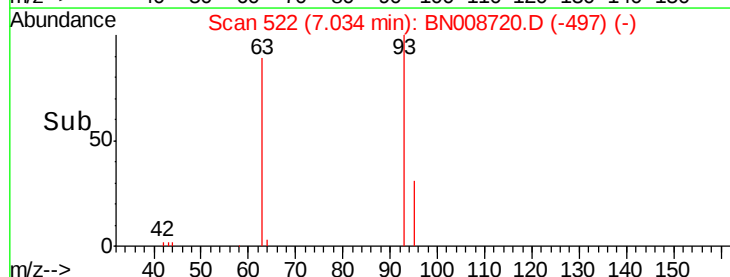
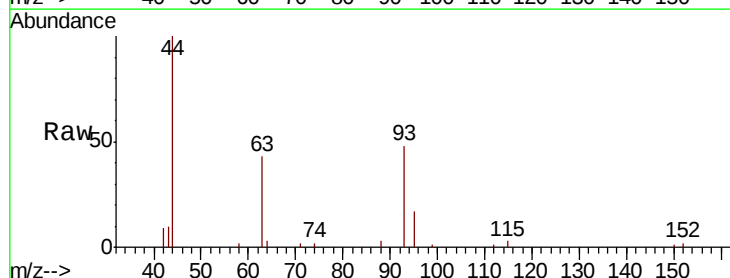
Tgt Ion: 93 Resp: 2999

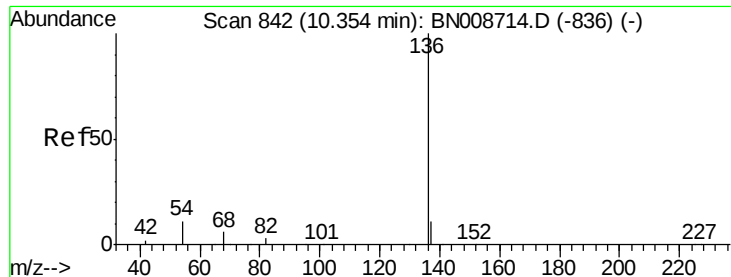
Ion Ratio Lower Upper

93 100

63 92.6 74.2 111.4

95 32.3 26.2 39.2





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 17721

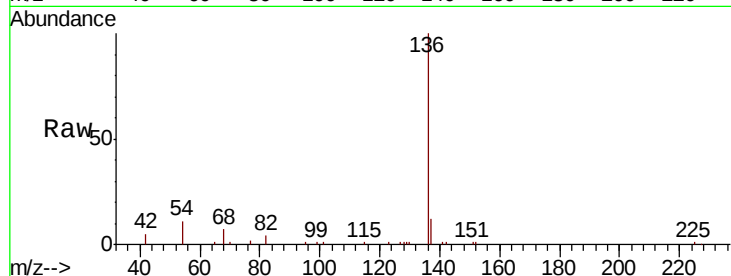
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 11.1 9.4 14.2

68 6.7 5.8 8.6

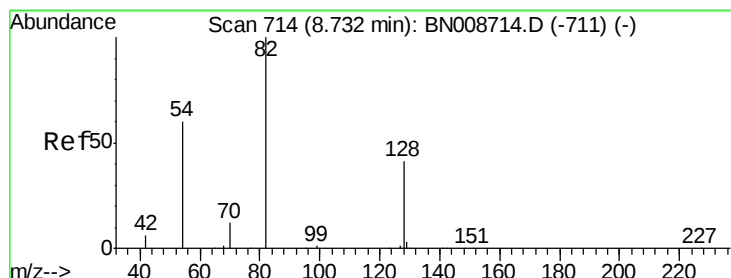
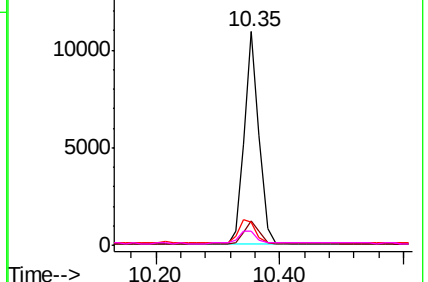
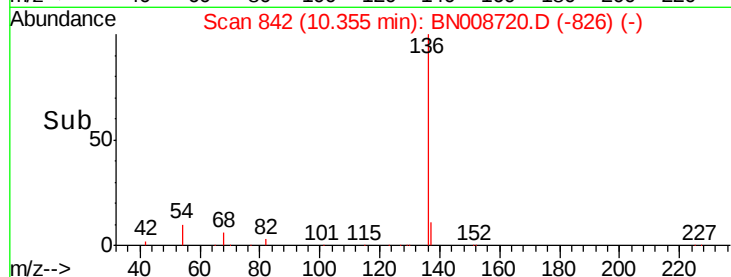


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.190 ng

RT: 8.73 min Scan# 714

Delta R.T. 0.00 min

Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

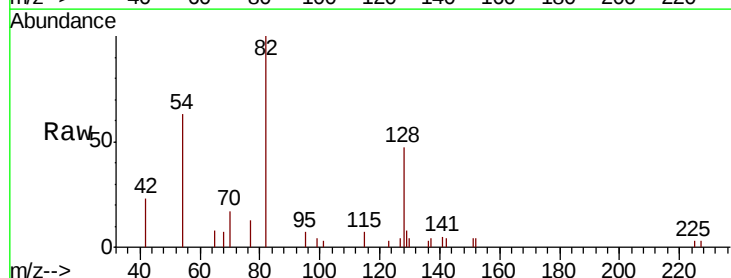
Tgt Ion: 82 Resp: 3027

Ion Ratio Lower Upper

82 100

128 47.3 34.6 52.0

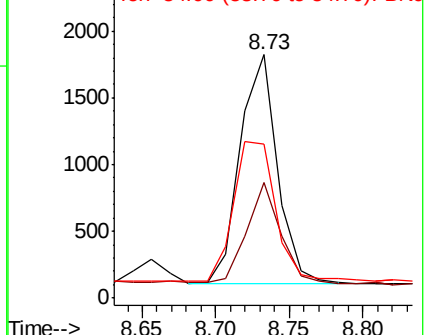
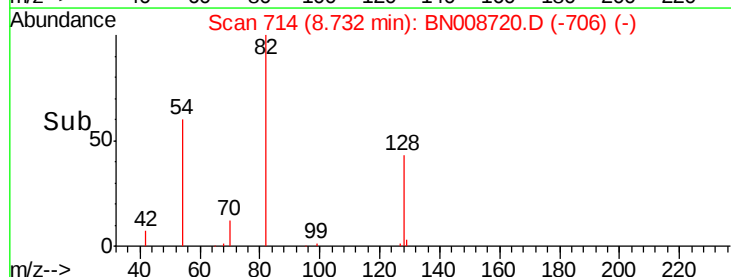
54 63.4 50.2 75.4

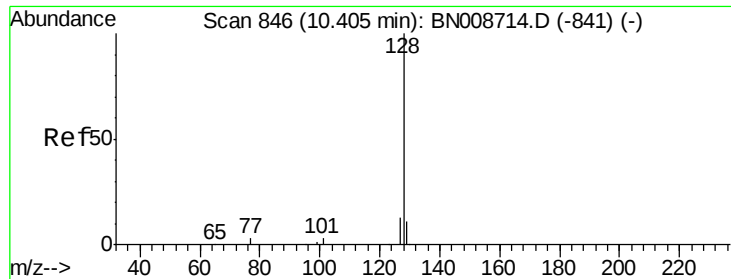


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.195 ng

RT: 10.41 min Scan# 846

Delta R.T. 0.00 min

Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

Instrument :

BNA_N

ClientSampleId :

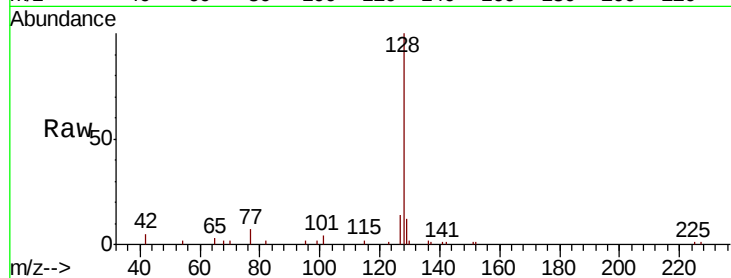
Tot Ion:128 Resp: 9216

Ion Ratio Lower Upper

128 100

129 12.3 9.4 14.2

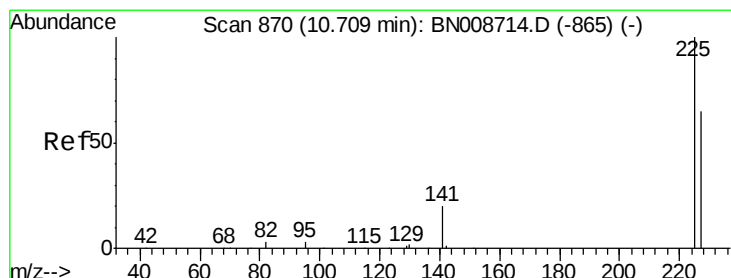
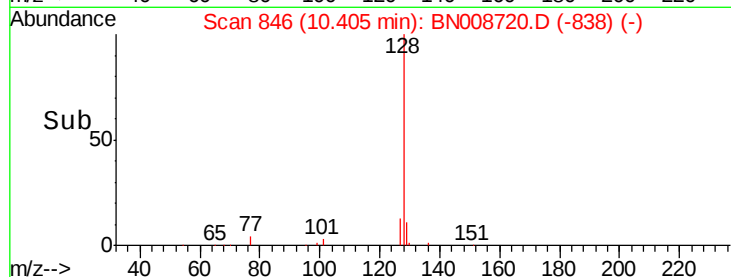
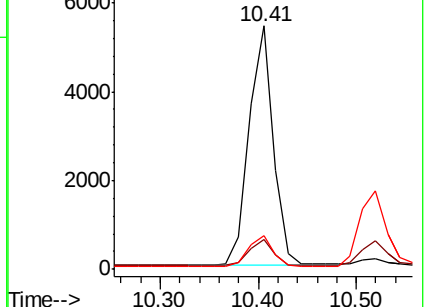
127 13.7 10.5 15.7



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: 0.197 ng

RT: 10.71 min Scan# 870

Delta R.T. 0.00 min

Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

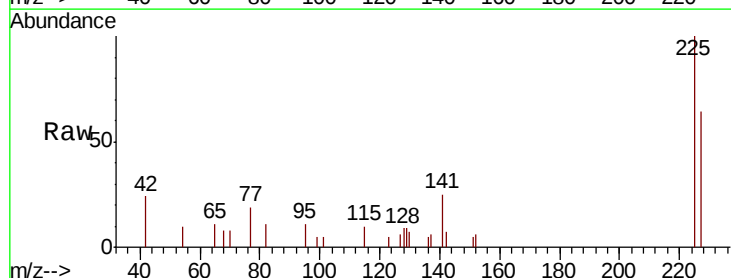
Tgt Ion:225 Resp: 1929

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

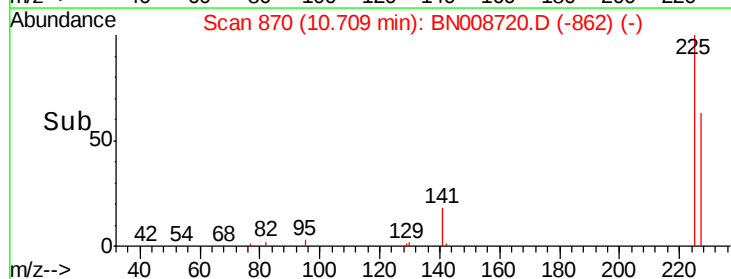
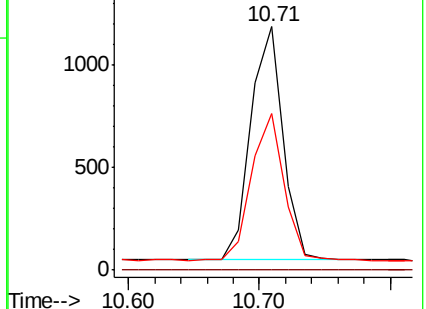
227 63.4 51.8 77.6

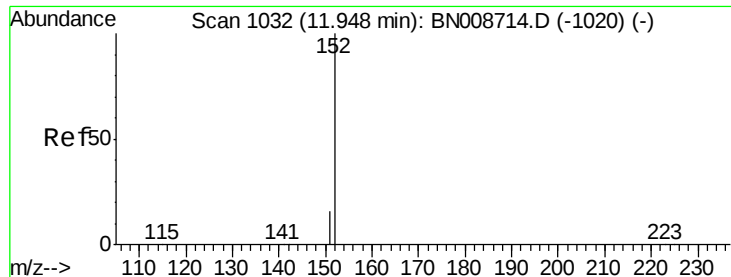


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

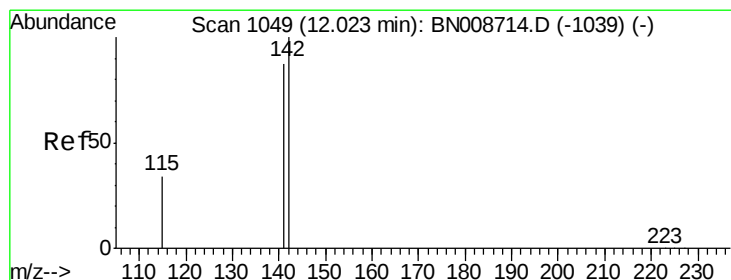
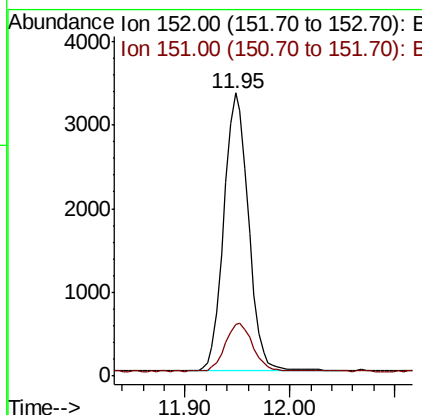
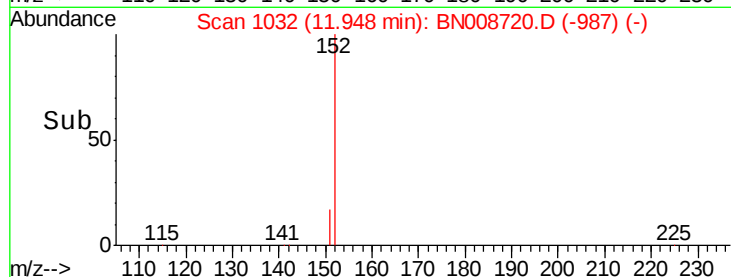
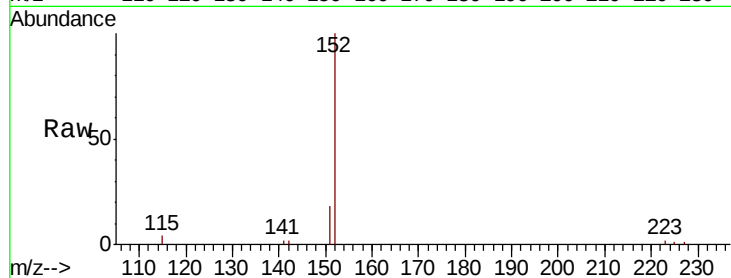




#11
2-Methylnaphthalene-d10
Concen: 0.192 ng
RT: 11.95 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BN008720.D
Acq: 22 Nov 2019 23:59

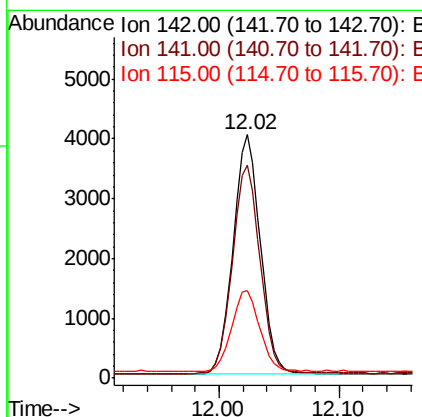
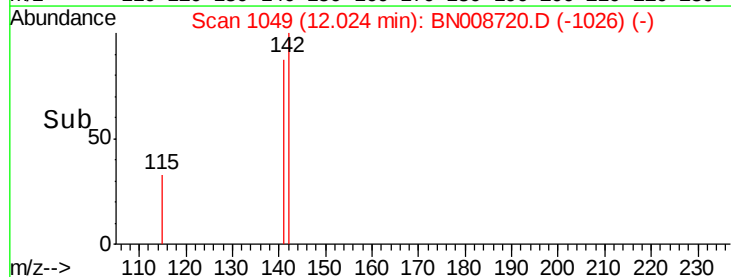
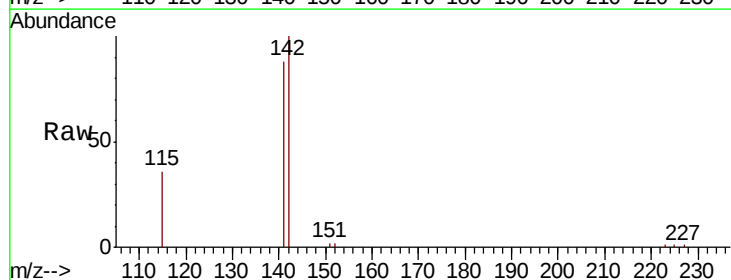
Instrument :
BNA_N
ClientSampleId :

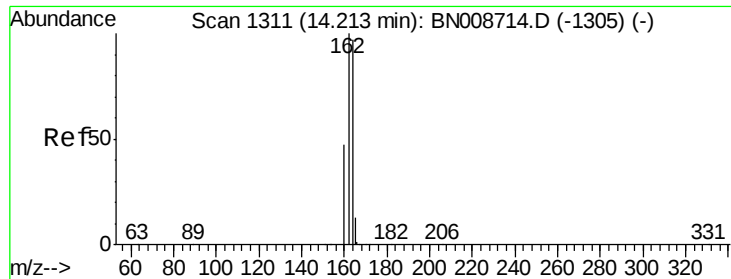
Tot Ion:152 Resp: 5362
Ion Ratio Lower Upper
152 100
151 19.5 15.2 22.8



#12
2-Methylnaphthalene
Concen: 0.192 ng
RT: 12.02 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BN008720.D
Acq: 22 Nov 2019 23:59

Tgt Ion:142 Resp: 6335
Ion Ratio Lower Upper
142 100
141 87.5 69.8 104.6
115 35.8 28.4 42.6

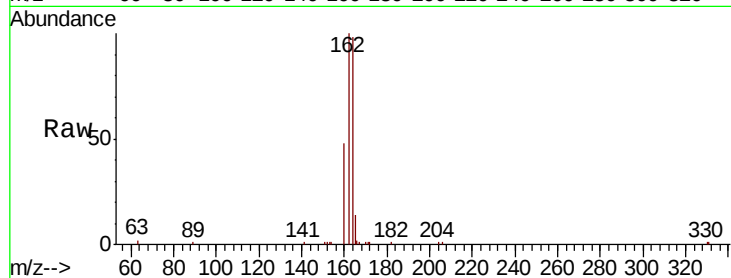




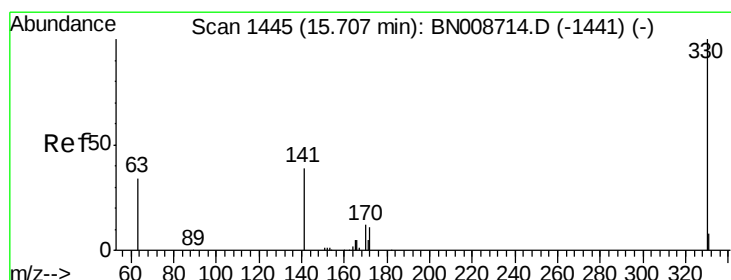
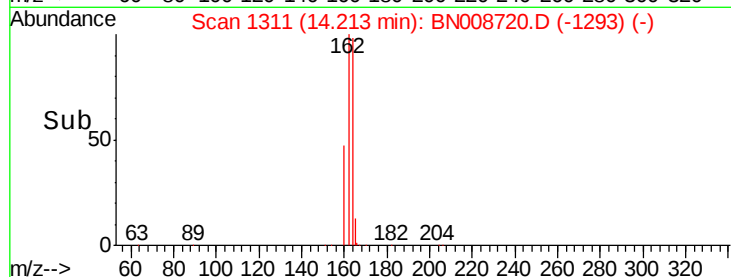
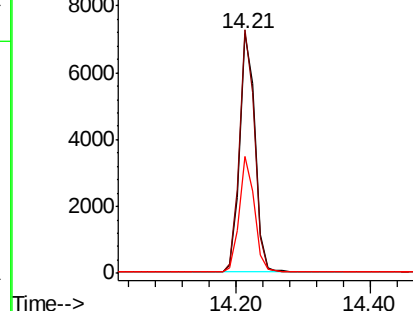
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN008720.D
Acq: 22 Nov 2019 23:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:164 Resp: 11040
Ion Ratio Lower Upper
164 100
162 101.7 82.2 123.4
160 48.7 38.7 58.1

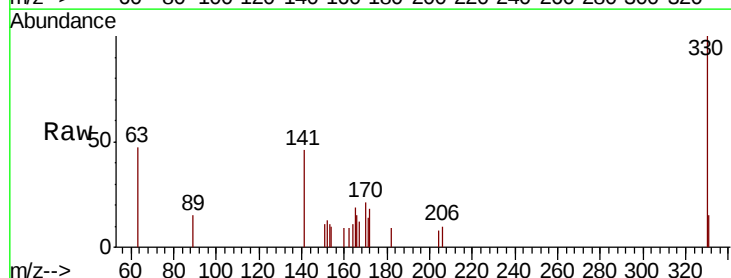


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

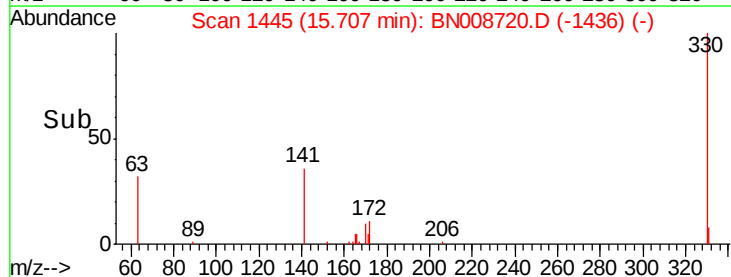
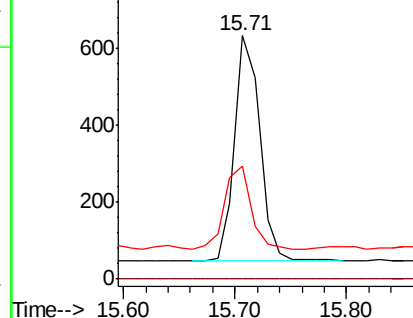


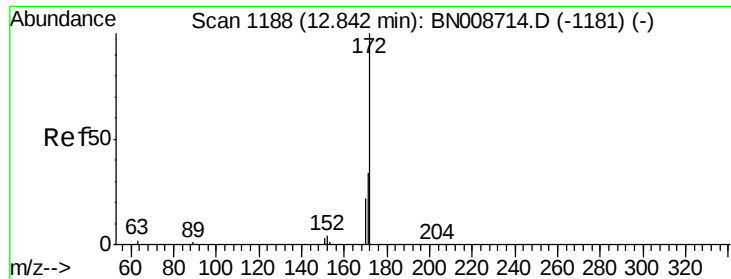
#14
2,4,6-Tribromophenol
Concen: 0.177 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BN008720.D
Acq: 22 Nov 2019 23:59

Tgt Ion:330 Resp: 909
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.6 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

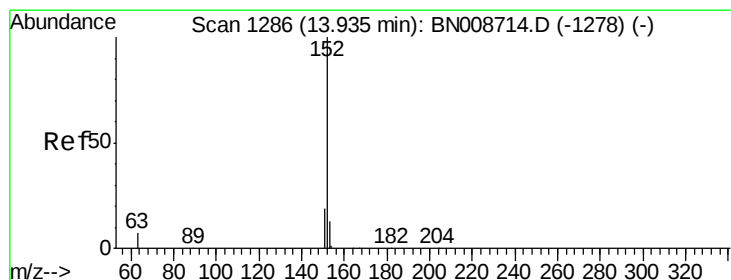
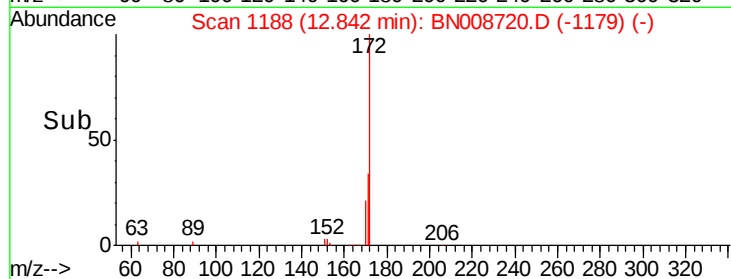
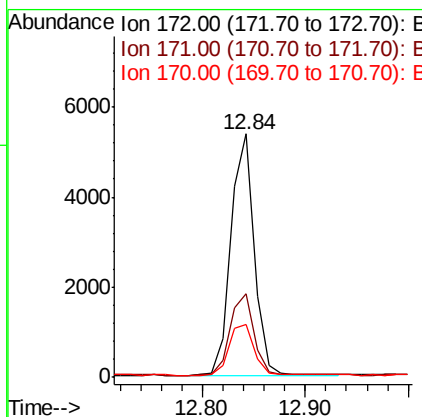
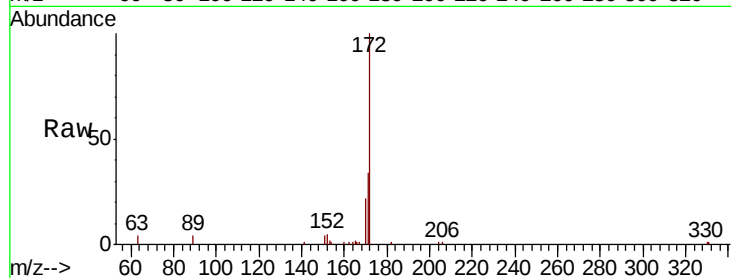




#15
2-Fluorobiphenyl
Concen: 0.193 ng
RT: 12.84 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BN008720.D
Acq: 22 Nov 2019 23:59

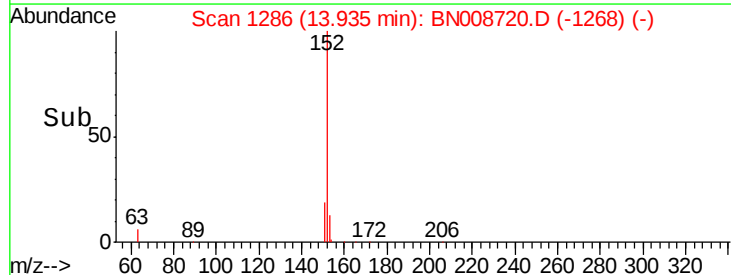
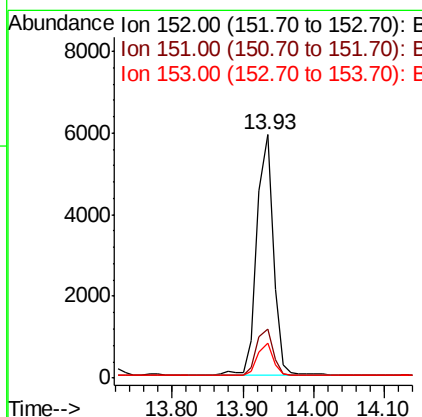
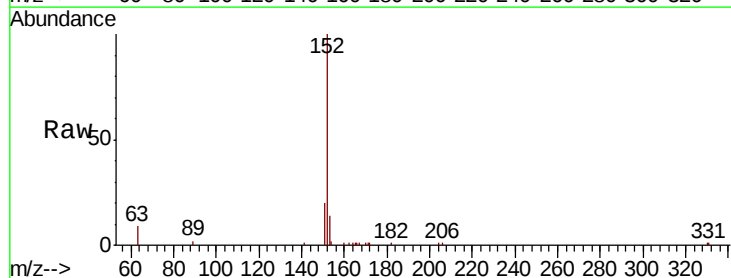
Instrument :
BNA_N
ClientSampleId :

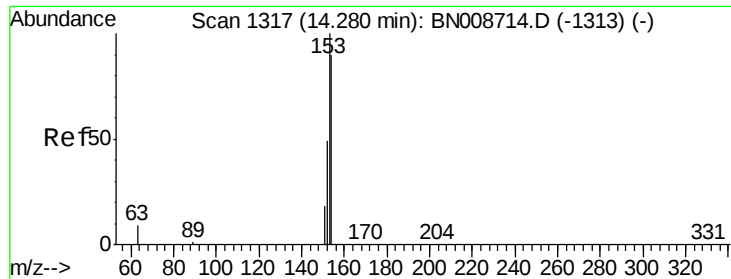
Tot Ion:172 Resp: 8336
Ion Ratio Lower Upper
172 100
171 34.3 27.3 40.9
170 21.7 17.8 26.6



#16
Acenaphthylene
Concen: 0.184 ng
RT: 13.93 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BN008720.D
Acq: 22 Nov 2019 23:59

Tgt Ion:152 Resp: 9338
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 13.2 10.3 15.5

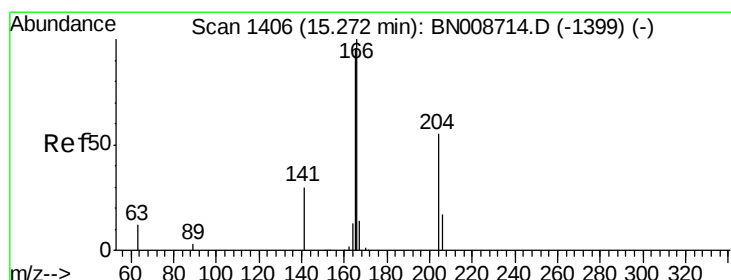
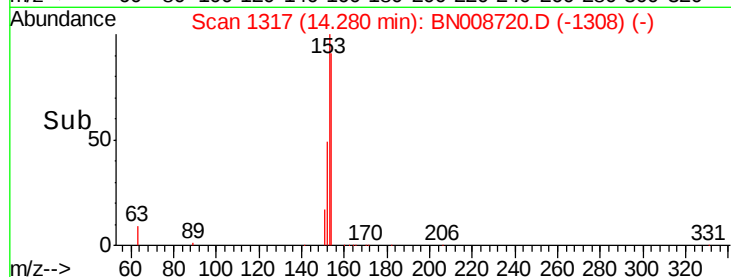
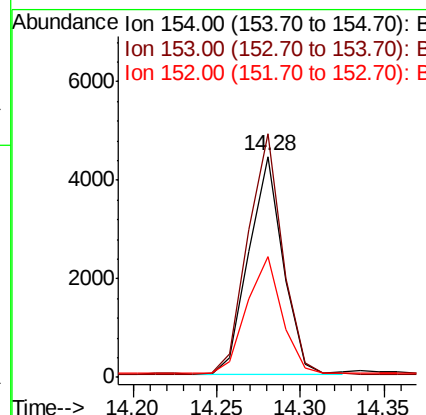
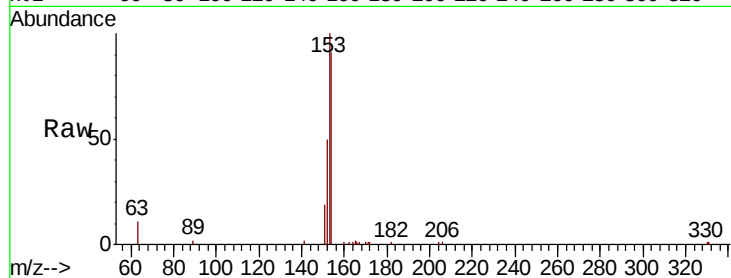




#17
Acenaphthene
Concen: 0.187 ng
RT: 14.28 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BN008720.D
Acq: 22 Nov 2019 23:59

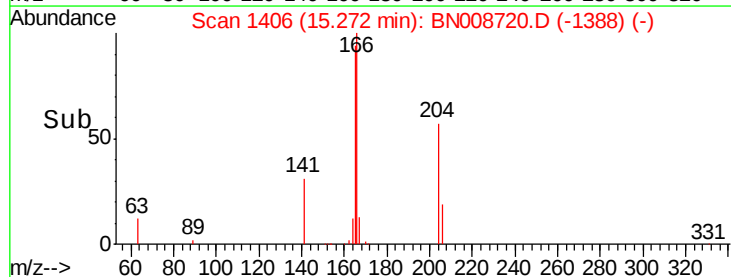
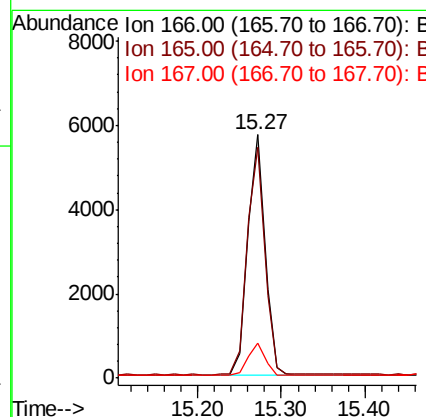
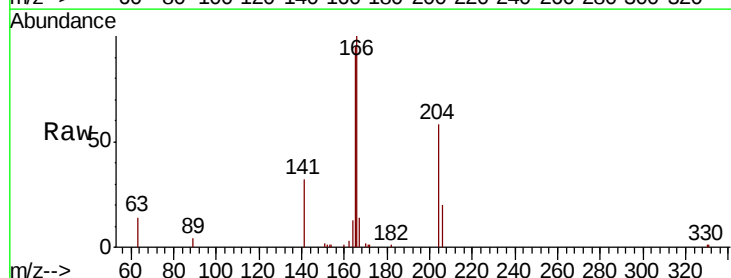
Instrument :
BNA_N
ClientSampleId :

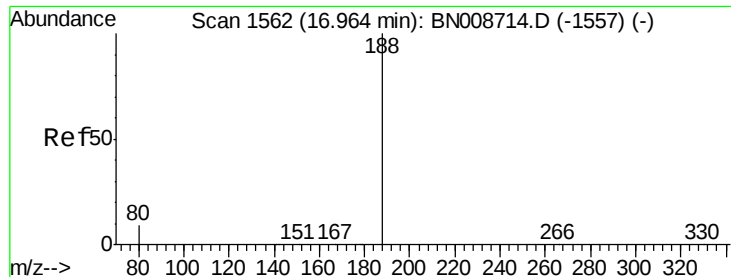
Tot Ion:154 Resp: 6266
Ion Ratio Lower Upper
154 100
153 112.0 89.6 134.4
152 56.4 44.7 67.1



#18
Fluorene
Concen: 0.192 ng
RT: 15.27 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BN008720.D
Acq: 22 Nov 2019 23:59

Tgt Ion:166 Resp: 8222
Ion Ratio Lower Upper
166 100
165 96.7 77.7 116.5
167 13.4 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

Instrument :

BNA_N

ClientSampleId :

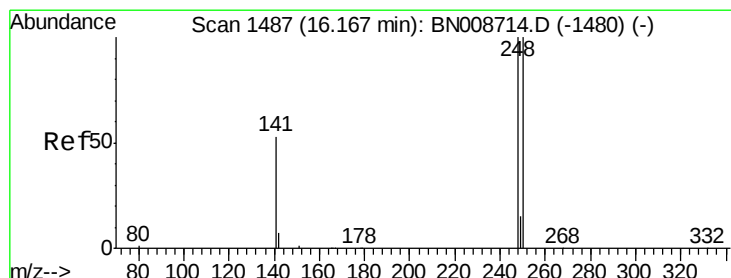
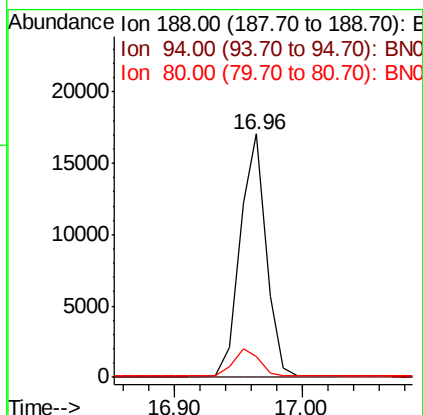
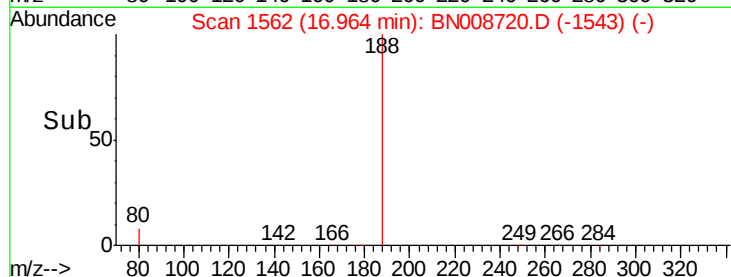
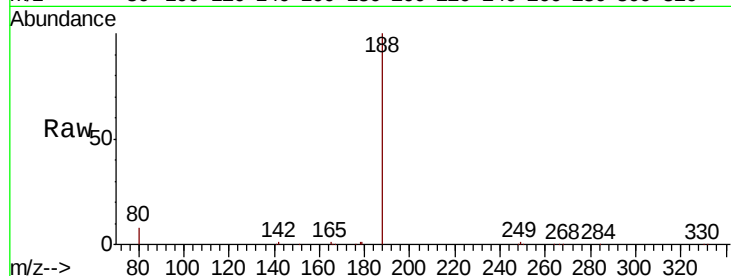
Tot Ion:188 Resp: 24102

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.5 7.4 11.0



#20

4-Bromophenyl-phenylether

Concen: 0.191 ng

RT: 16.17 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

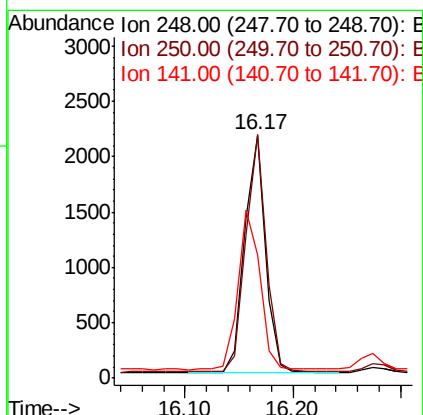
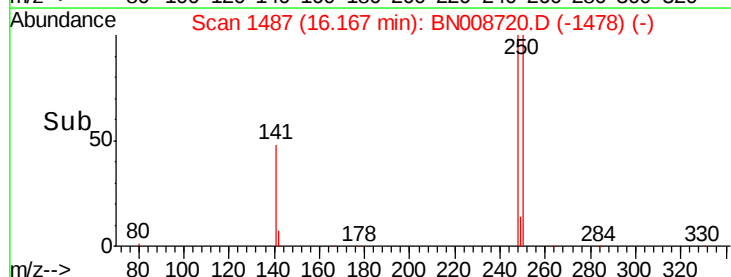
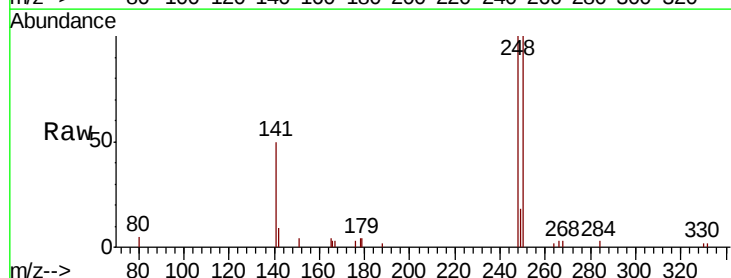
Tgt Ion:248 Resp: 2871

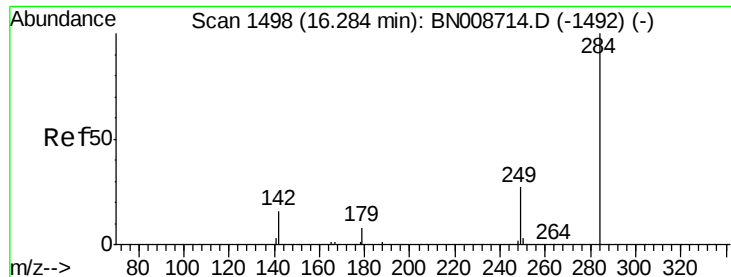
Ion Ratio Lower Upper

248 100

250 100.4 80.5 120.7

141 50.7 43.8 65.6





#21

Hexachlorobenzene

Concen: 0.192 ng

RT: 16.28 min Scan# 1498

Delta R.T. 0.00 min

Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

Instrument :

BNA_N

ClientSampled :

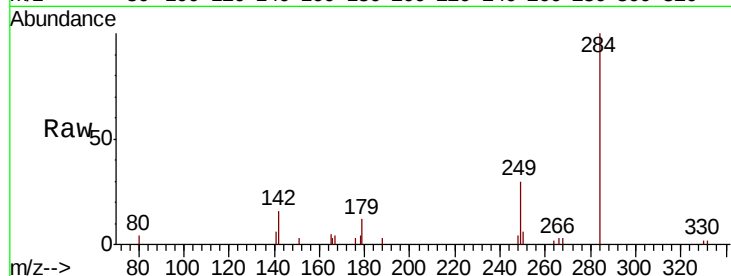
Tot Ion:284 Resp: 3173

Ion Ratio Lower Upper

284 100

142 33.9 27.4 41.0

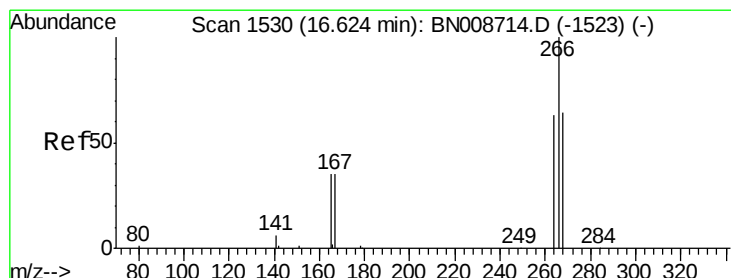
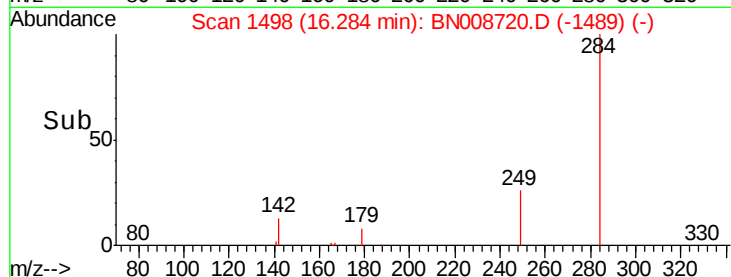
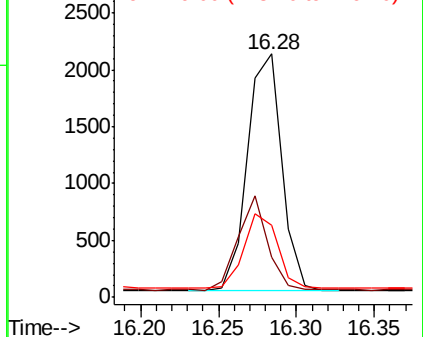
249 31.8 25.4 38.0



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: 0.163 ng

RT: 16.62 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

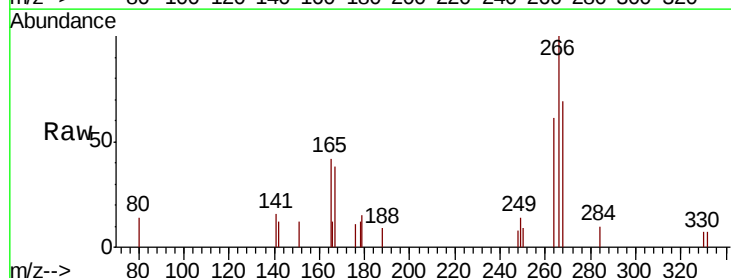
Tgt Ion:266 Resp: 966

Ion Ratio Lower Upper

266 100

264 61.3 51.0 76.4

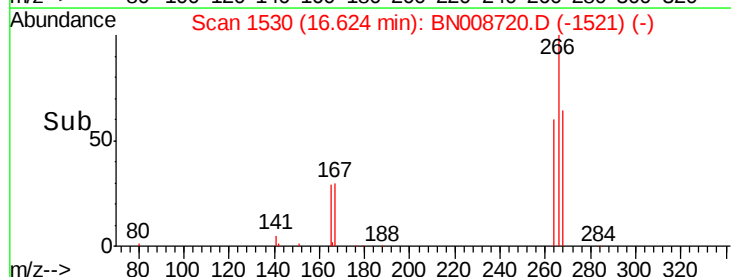
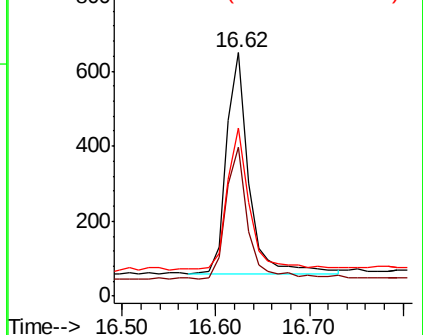
268 69.3 54.1 81.1

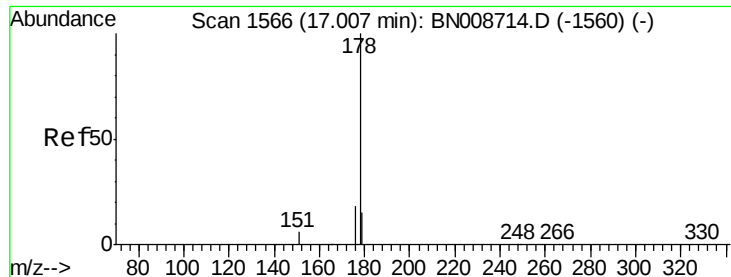


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.190 ng

RT: 17.01 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

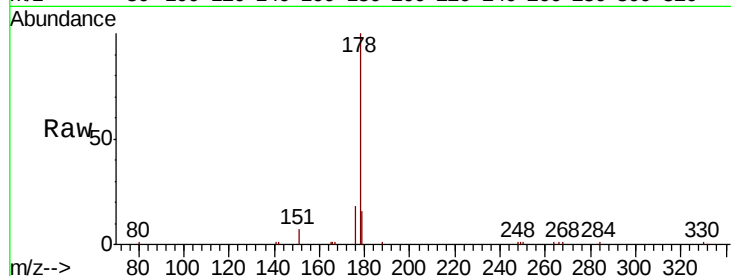
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 14137

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.8	12.3	18.5

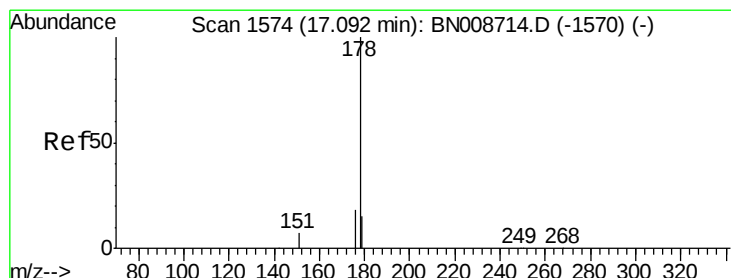
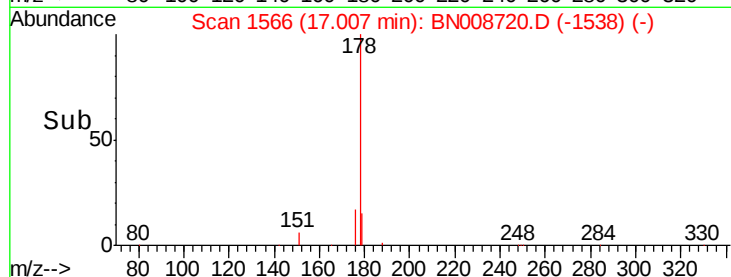
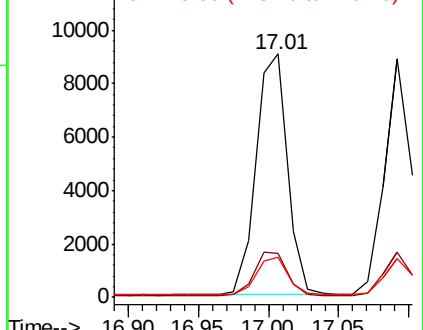


Abundance

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: 0.185 ng

RT: 17.09 min Scan# 1574

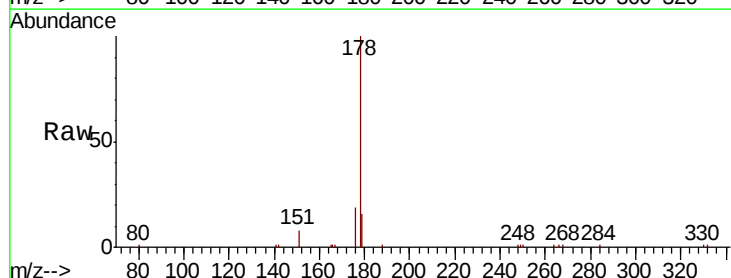
Delta R.T. 0.00 min

Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

Tgt Ion:178 Resp: 12259

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.4	21.6
179	15.7	12.0	18.0

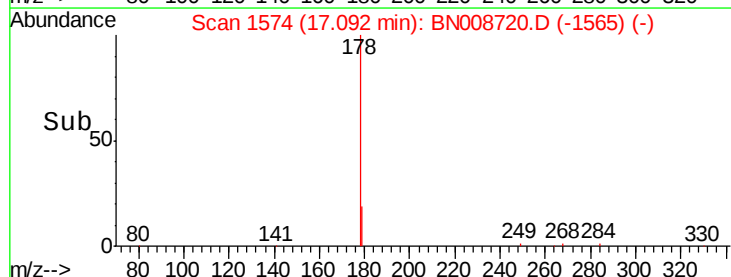
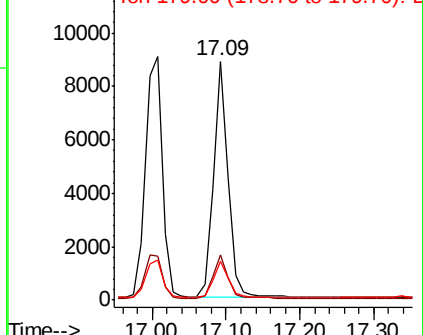


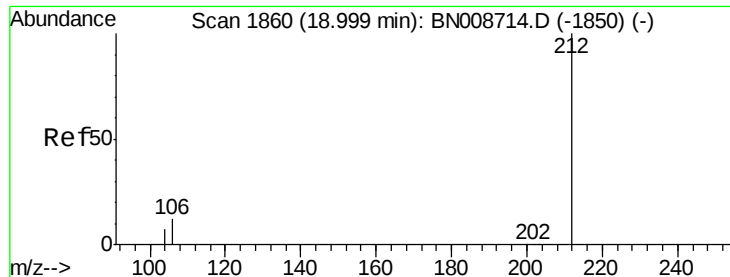
Abundance

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: 0.190 ng

RT: 18.99 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

Instrument :

BNA_N

ClientSampleId :

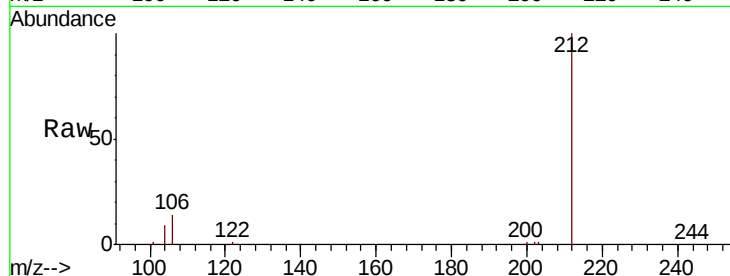
Tot Ion:212 Resp: 13446

Ion Ratio Lower Upper

212 100

106 13.2 10.6 15.8

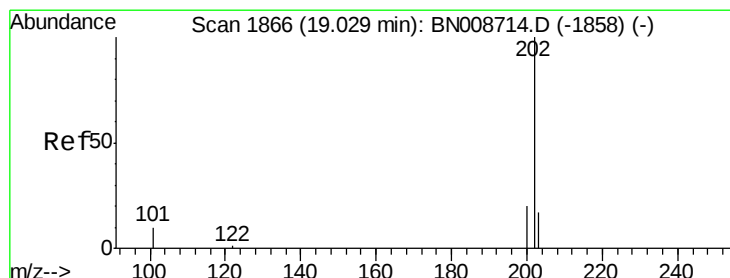
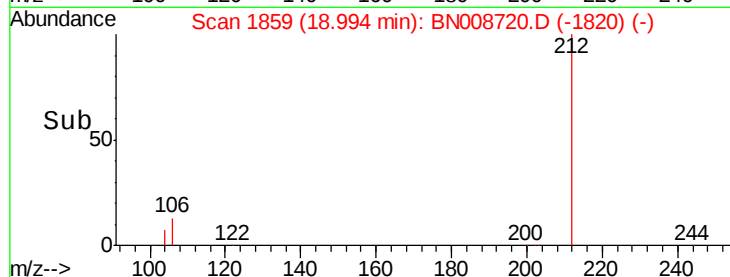
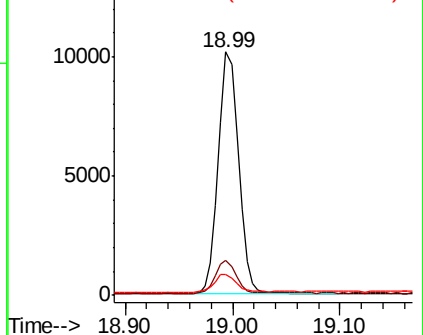
104 7.5 6.0 9.0



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: 0.192 ng

RT: 19.02 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

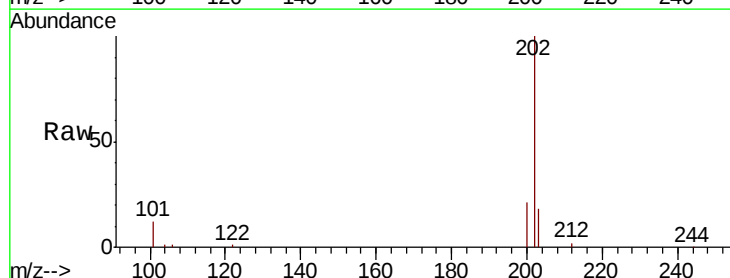
Tgt Ion:202 Resp: 16744

Ion Ratio Lower Upper

202 100

101 11.1 9.0 13.4

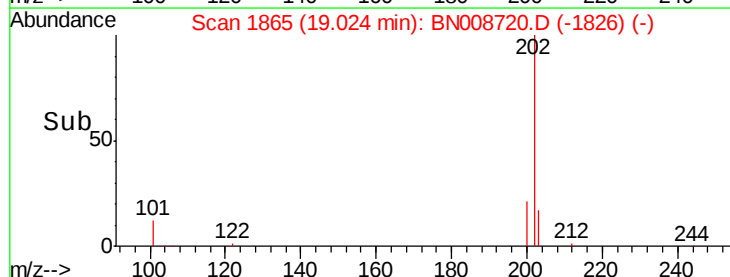
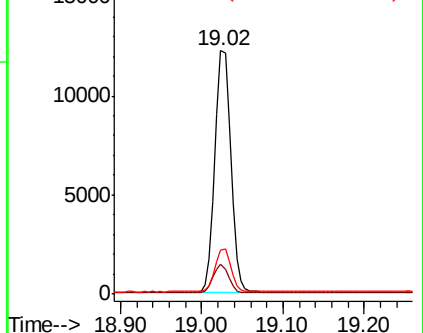
203 17.1 13.8 20.6

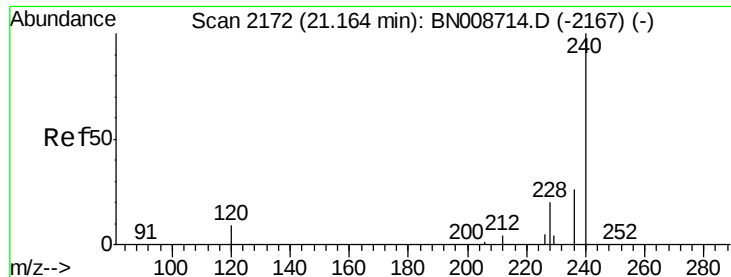


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

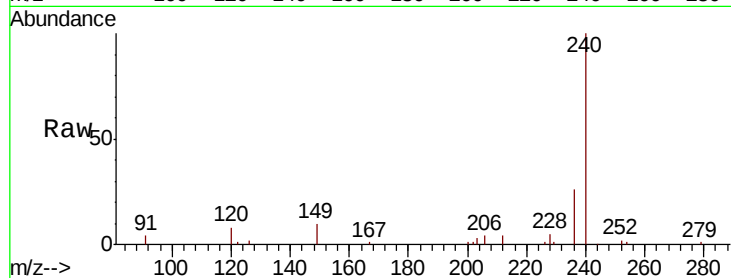




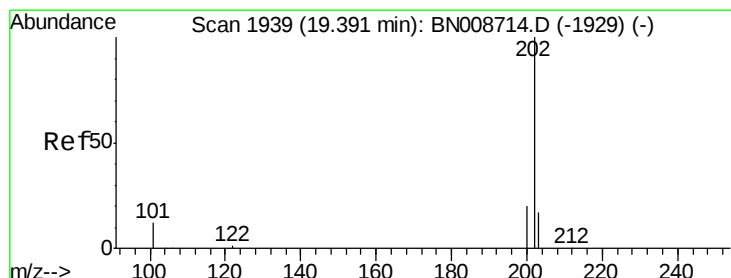
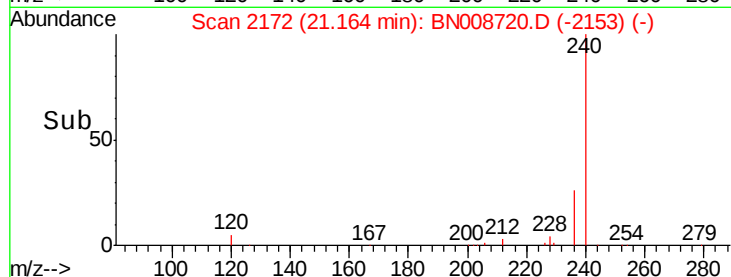
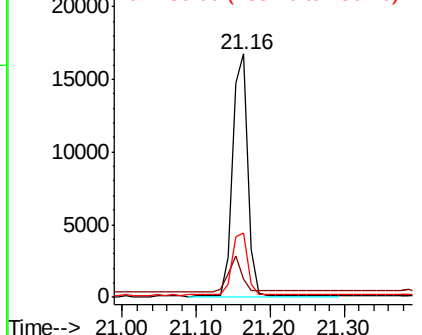
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.16 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: BN008720.D
 Acq: 22 Nov 2019 23:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:240 Resp: 24159
 Ion Ratio Lower Upper
 240 100
 120 7.6 9.0 13.4#
 236 26.3 21.8 32.6

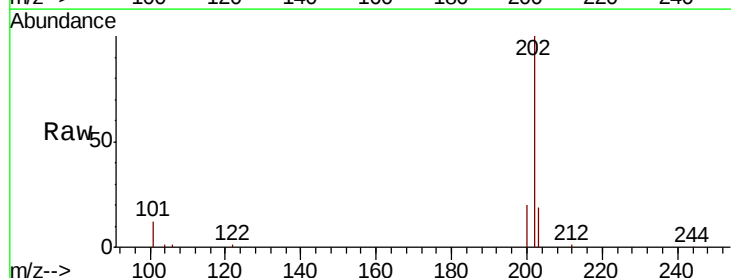


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

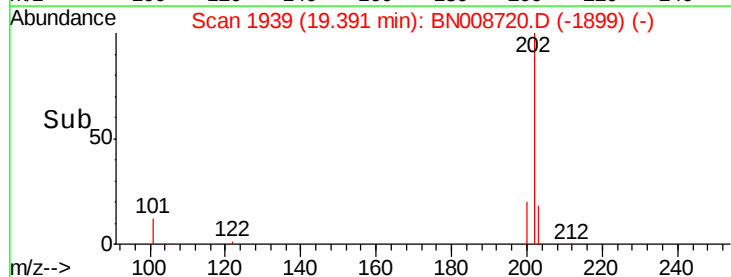
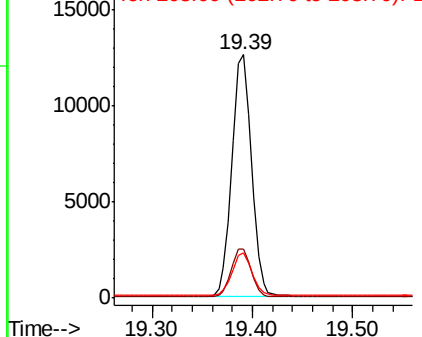


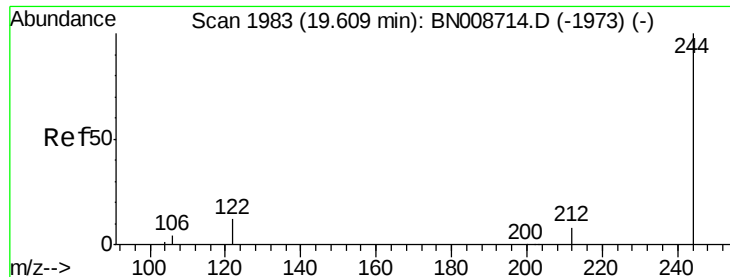
#28
 Pyrene
 Concen: 0.190 ng
 RT: 19.39 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: BN008720.D
 Acq: 22 Nov 2019 23:59

Tgt Ion:202 Resp: 16980
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.2 24.4
 203 17.9 14.0 21.0



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: 0.191 ng

RT: 19.61 min Scan# 1983

Delta R.T. 0.00 min

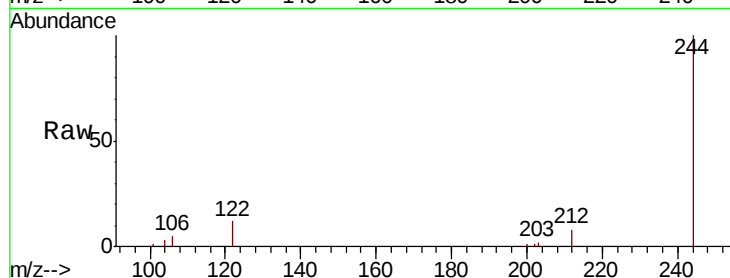
Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

Instrument :

BNA_N

ClientSampleId :



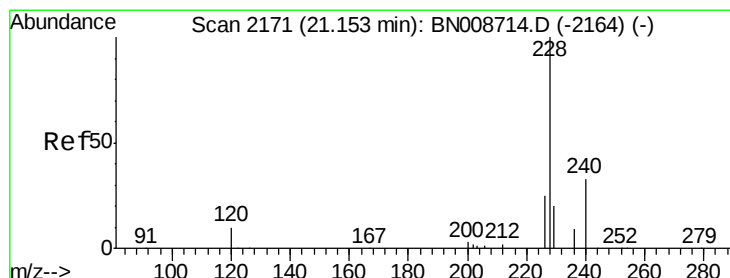
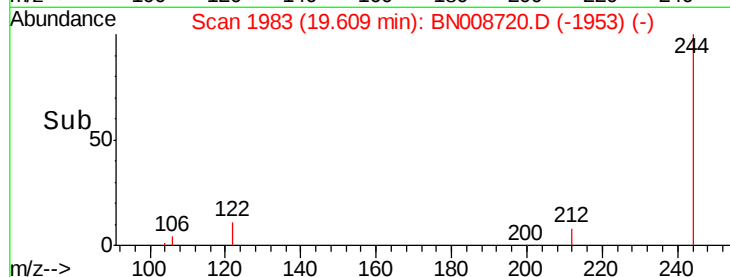
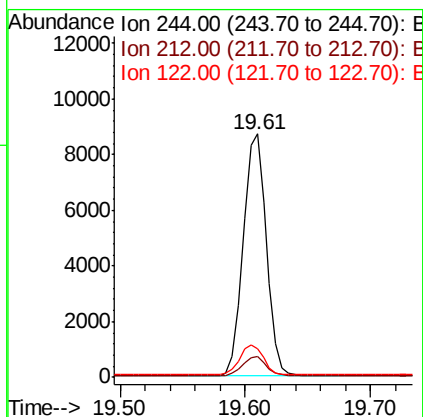
Tot Ion:244 Resp: 11106

Ion Ratio Lower Upper

244 100

212 8.5 6.6 9.8

122 12.0 10.1 15.1



#30

Benzo(a)anthracene

Concen: 0.191 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

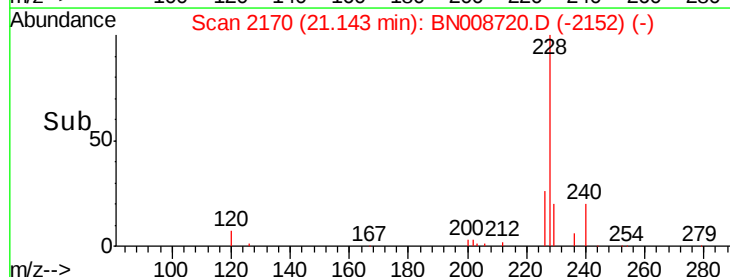
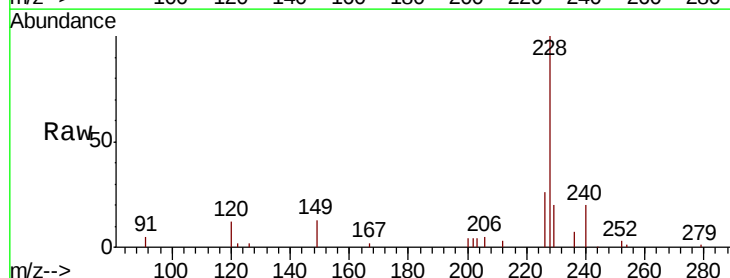
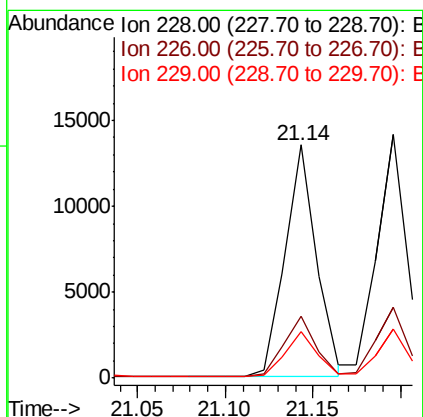
Tgt Ion:228 Resp: 16895

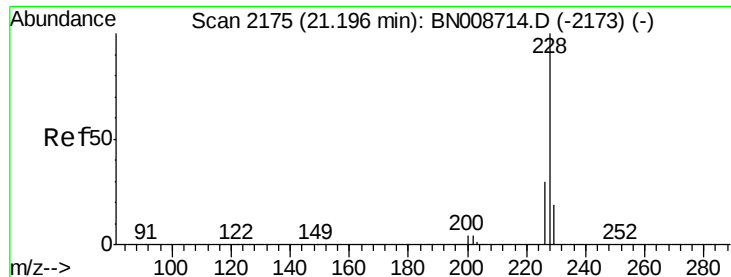
Ion Ratio Lower Upper

228 100

226 26.5 20.3 30.5

229 20.2 16.2 24.4





#31

Chrysene

Concen: 0.196 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

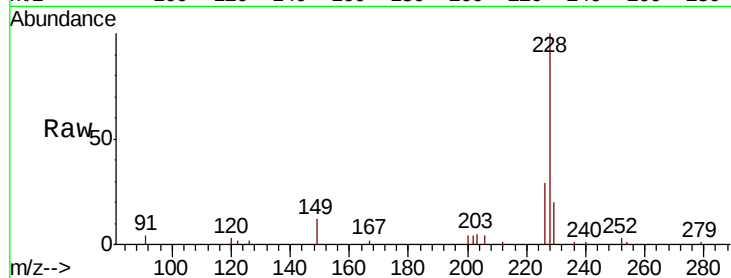
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 16819

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.8	35.8
229	20.0	15.4	23.0

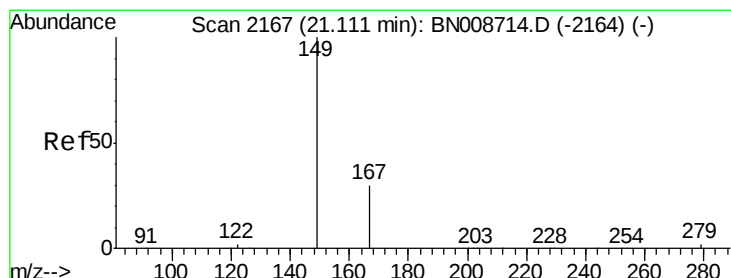
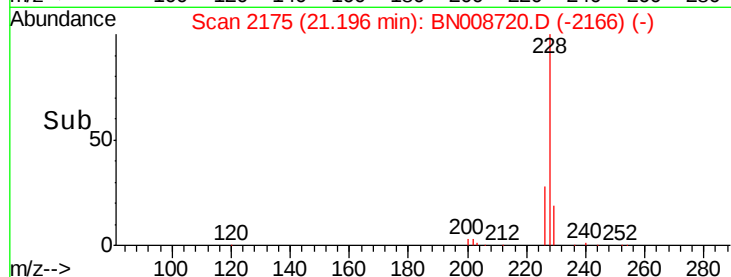
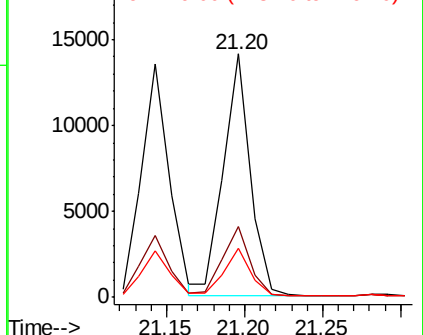


Abundance

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: 0.211 ng

RT: 21.10 min Scan# 2166

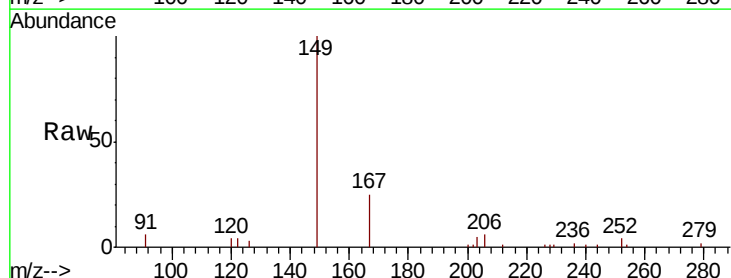
Delta R.T. -0.01 min

Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

Tgt Ion:149 Resp: 12089

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.5	35.3
279	4.3	3.4	5.0

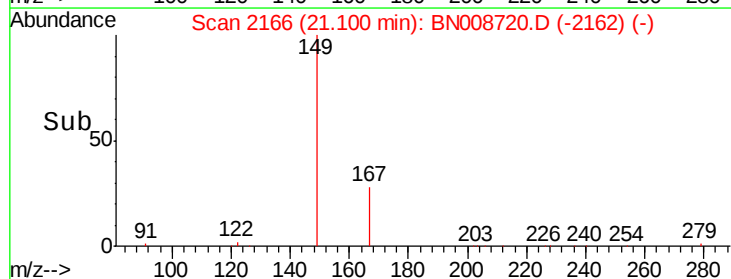
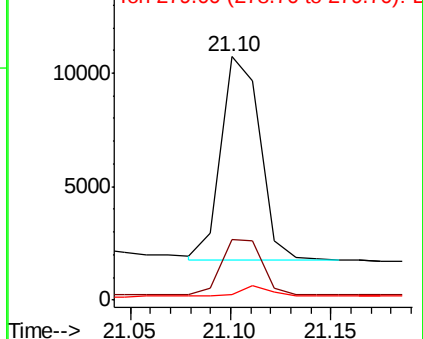


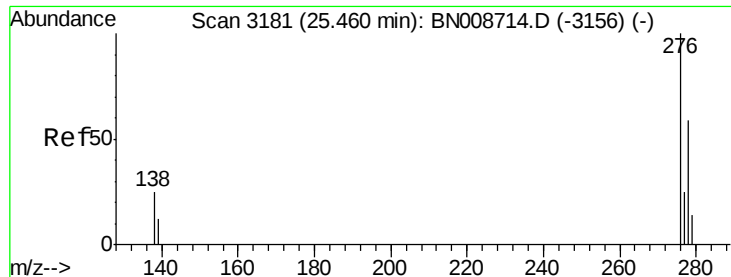
Abundance

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: 0.200 ng

RT: 25.45 min Scan# 3178

Delta R.T. -0.01 min

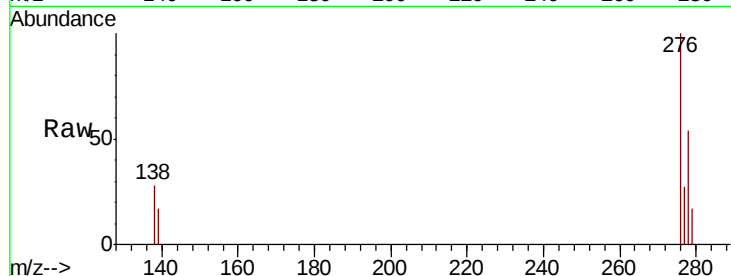
Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 19057

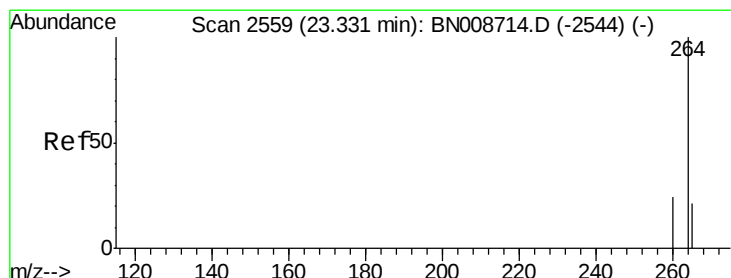
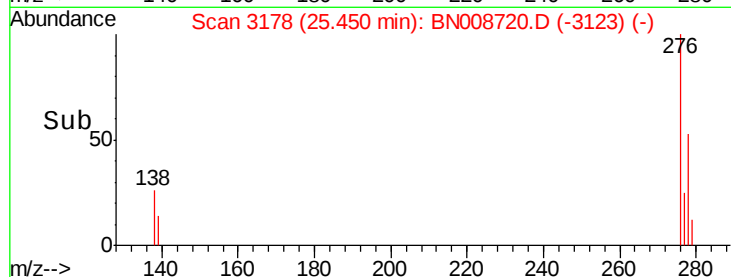
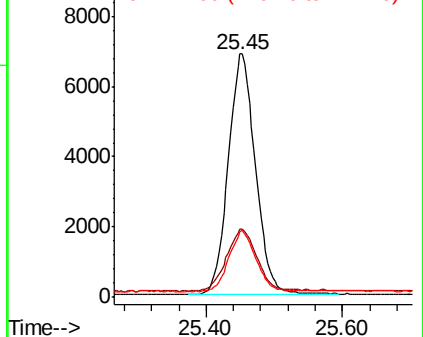
Ion Ratio Lower Upper

276 100

138 29.0 21.0 31.6

277 25.2 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: 23.32 min Scan# 2556

Delta R.T. -0.01 min

Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

Tgt Ion:264 Resp: 24694

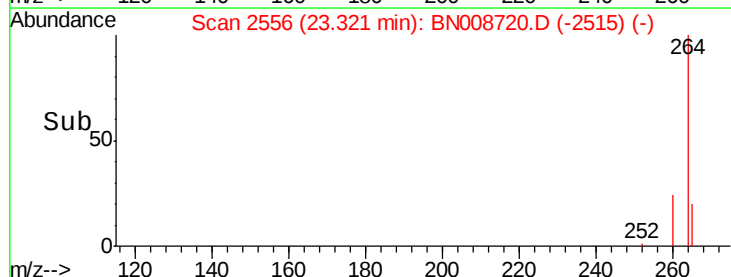
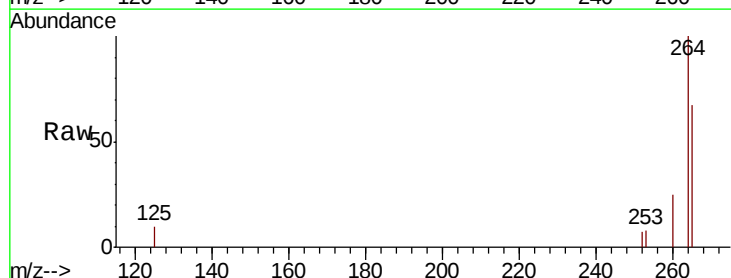
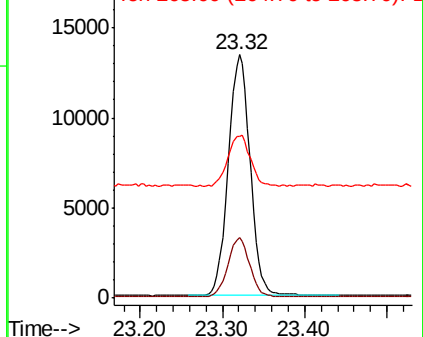
Ion Ratio Lower Upper

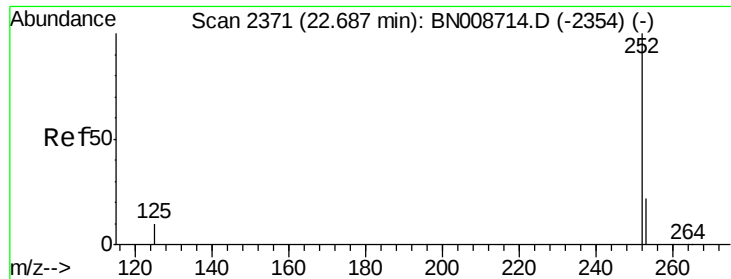
264 100

260 24.6 19.6 29.4

265 66.5 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: 0.190 ng

RT: 22.68 min Scan# 2369

Delta R.T. -0.01 min

Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

Instrument :

BNA_N

ClientSampleId :

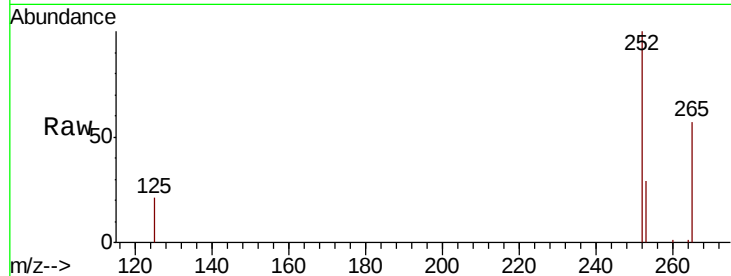
Tot Ion:252 Resp: 16269

Ion Ratio Lower Upper

252 100

253 28.9 20.8 31.2

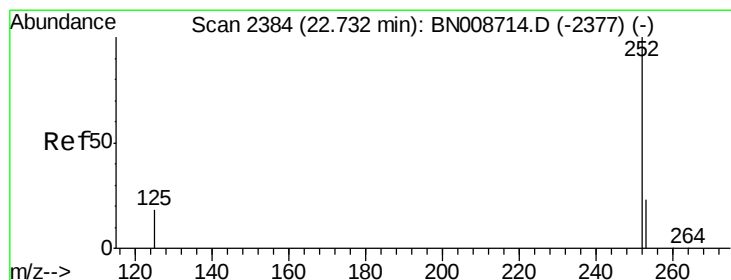
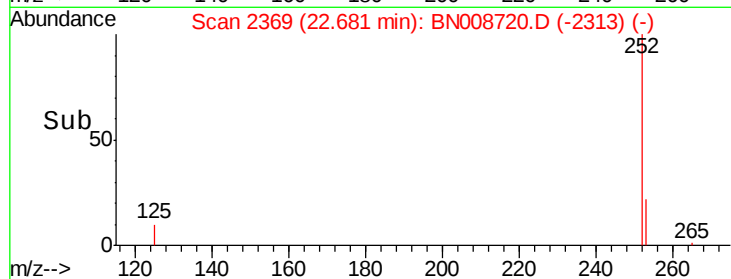
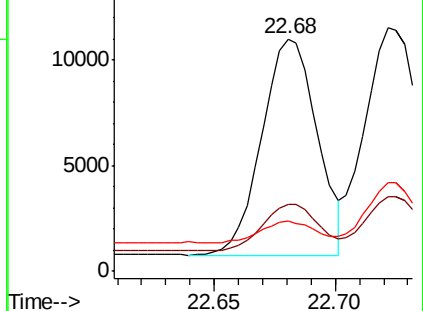
125 21.5 13.5 20.3#



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



#36

Benzo(k)fluoranthene

Concen: 0.188 ng

RT: 22.68 min Scan# 2369

Delta R.T. -0.05 min

Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

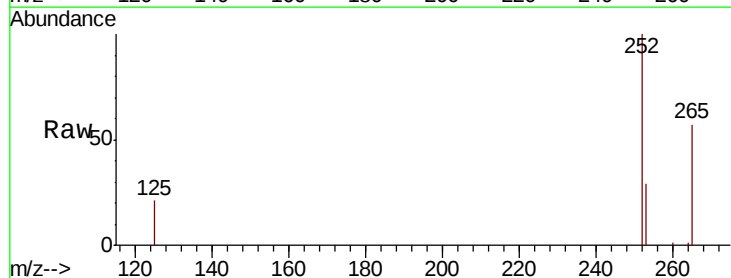
Tgt Ion:252 Resp: 16269

Ion Ratio Lower Upper

252 100

253 28.9 21.8 32.6

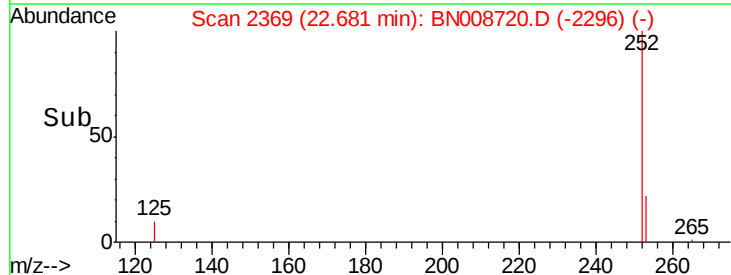
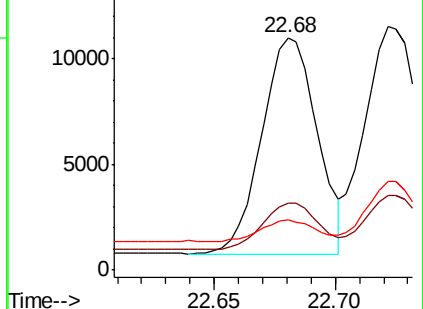
125 21.5 18.2 27.4

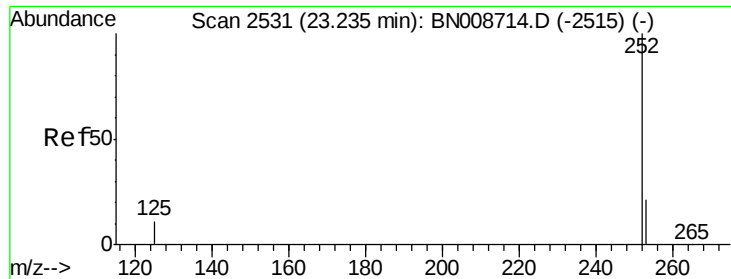


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.194 ng

RT: 23.23 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

Instrument :

BNA_N

ClientSampleId :

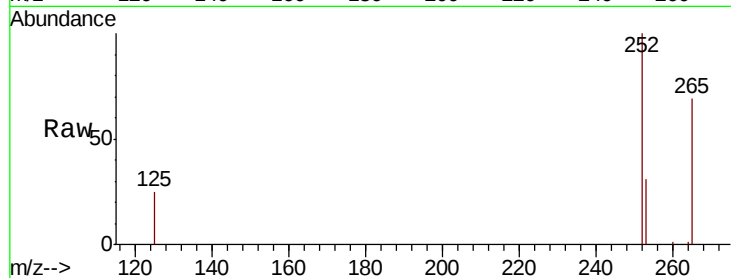
Tot Ion:252 Resp: 15317

Ion Ratio Lower Upper

252 100

253 30.9 21.9 32.9

125 25.1 16.3 24.5#

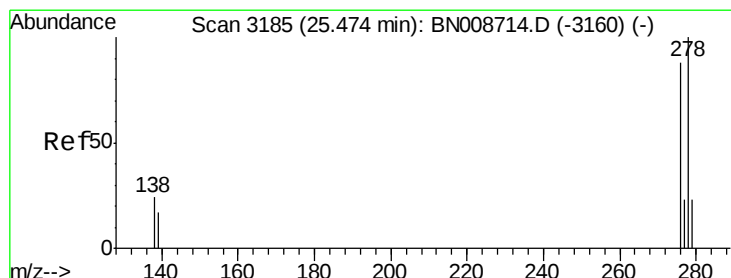
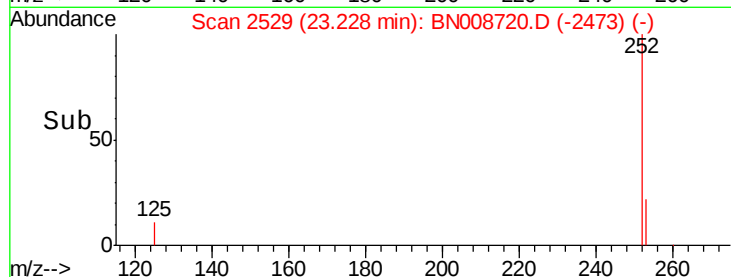
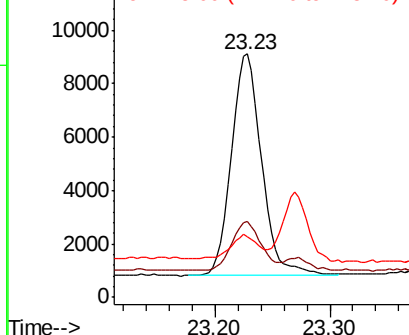


Abundance

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: 0.198 ng

RT: 25.47 min Scan# 3183

Delta R.T. -0.01 min

Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

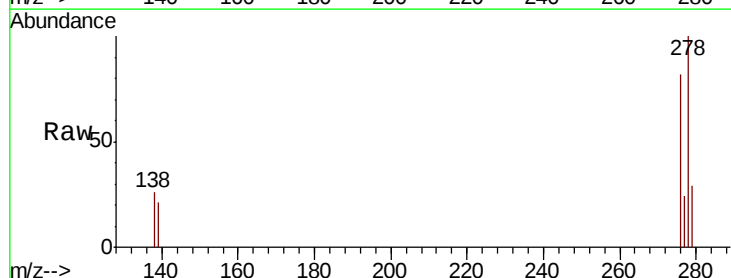
Tgt Ion:278 Resp: 15444

Ion Ratio Lower Upper

278 100

139 21.1 15.4 23.2

279 28.6 21.3 31.9

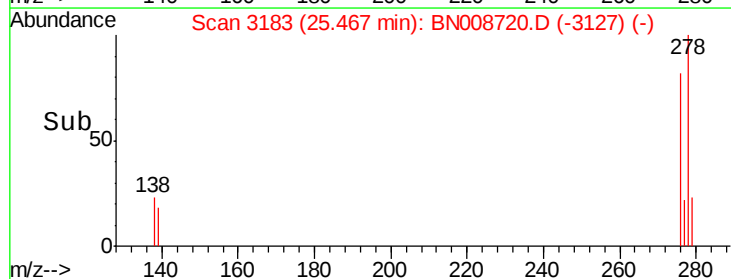
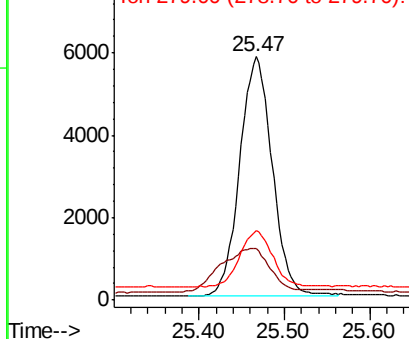


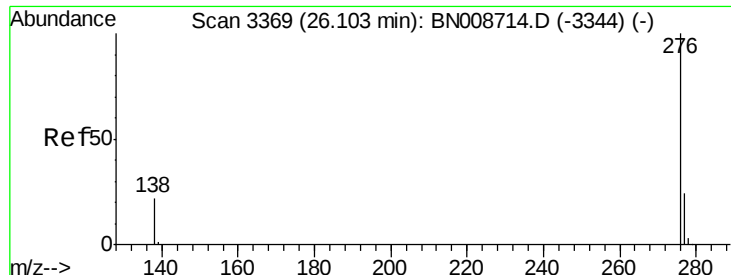
Abundance

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: 0.197 ng

RT: 26.10 min Scan# 3367

Delta R.T. -0.01 min

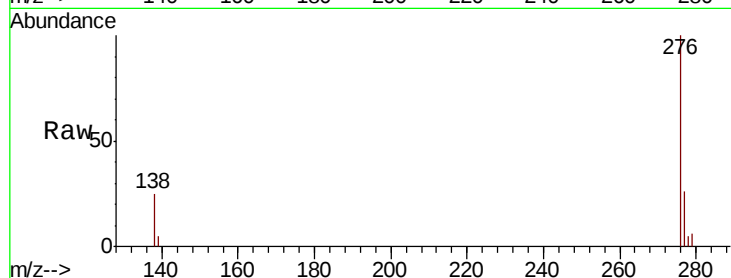
Lab File: BN008720.D

Acq: 22 Nov 2019 23:59

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 15344

Ion Ratio Lower Upper

276 100

277 26.3 20.4 30.6

138 24.7 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

