

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112319\
 Data File : BN008725.D
 Acq On : 23 Nov 2019 12:51
 Operator : JU
 Sample : PB124746BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 25 11:45:50 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	4870	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	17381	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	9961	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	20565	0.40	ng	0.00
27) Chrysene-d12	21.16	240	19309	0.40	ng	0.00
34) Perylene-d12	23.32	264	20052	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	2959	0.23	ng	0.00
5) Phenol-d6	6.78	99	2728	0.17	ng	0.00
8) Nitrobenzene-d5	8.72	82	4952	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	11.95	152	13276	0.48	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1809	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	15197	0.39	ng	0.00
25) Fluoranthene-d10	18.99	212	21256	0.35	ng	0.00
29) Terphenyl-d14	19.61	244	21060	0.45	ng	0.00

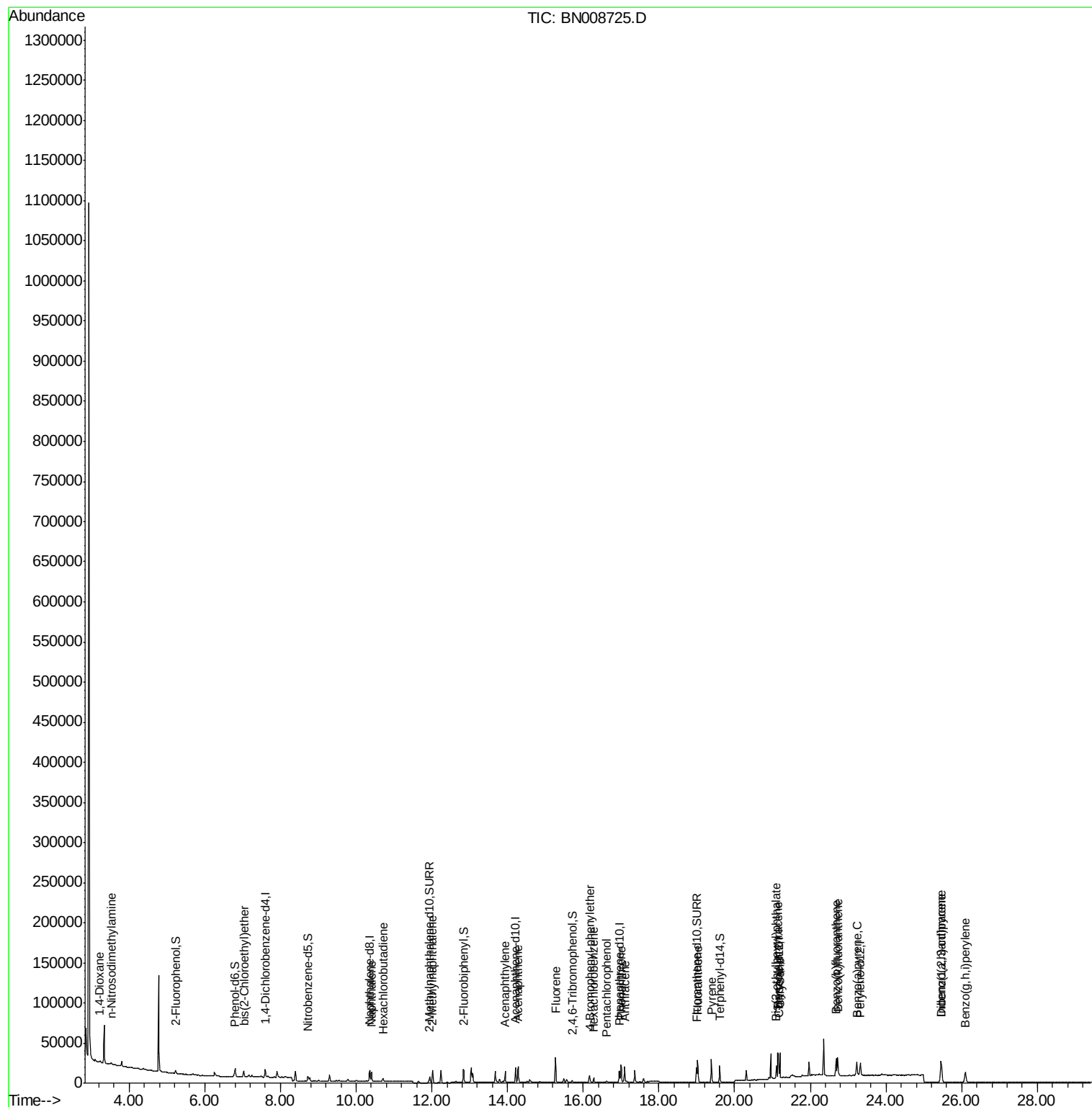
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	979	0.190	ng	# 66
3) n-Nitrosodimethylamine	3.53	42	1282	0.201	ng	# 96
6) bis(2-Chloroethyl)ether	7.03	93	5281	0.349	ng	98
9) Naphthalene	10.41	128	16406	0.354	ng	100
10) Hexachlorobutadiene	10.71	225	2932	0.305	ng	# 100
12) 2-Methylnaphthalene	12.02	142	11146	0.345	ng	99
16) Acenaphthylene	13.93	152	16137	0.352	ng	100
17) Acenaphthene	14.28	154	10200	0.338	ng	99
18) Fluorene	15.27	166	13168	0.341	ng	99
20) 4-Bromophenyl-phenylether	16.17	248	5024	0.391	ng	96
21) Hexachlorobenzene	16.27	284	4563	0.323	ng	98
22) Pentachlorophenol	16.62	266	668	0.132	ng	95
23) Phenanthrene	17.00	178	22595	0.356	ng	100
24) Anthracene	17.09	178	19830	0.350	ng	99
26) Fluoranthene	19.02	202	25357	0.340	ng	100
28) Pyrene	19.39	202	25863	0.363	ng	99
30) Benzo(a)anthracene	21.14	228	24117	0.341	ng	98
31) Chrysene	21.20	228	24048	0.351	ng	99
32) Bis(2-ethylhexyl)phthalate	21.10	149	15910	0.347	ng	99
33) Indeno(1,2,3-cd)pyrene	25.45	276	28768	0.377	ng	100
35) Benzo(b)fluoranthene	22.68	252	24058	0.347	ng	99
36) Benzo(k)fluoranthene	22.73	252	24797	0.353	ng	98
37) Benzo(a)pyrene	23.23	252	23157	0.361	ng	100
38) Dibenzo(a,h)anthracene	25.46	278	23770	0.375	ng	100
39) Benzo(g,h,i)perylene	26.09	276	24678	0.391	ng	99

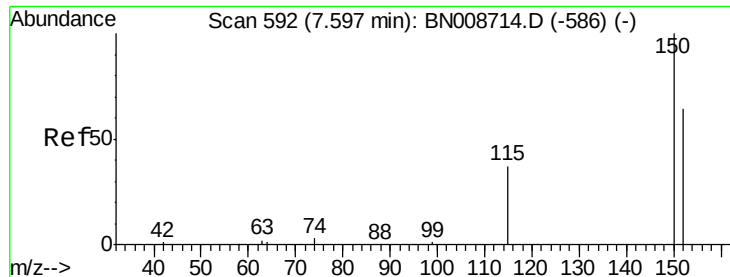
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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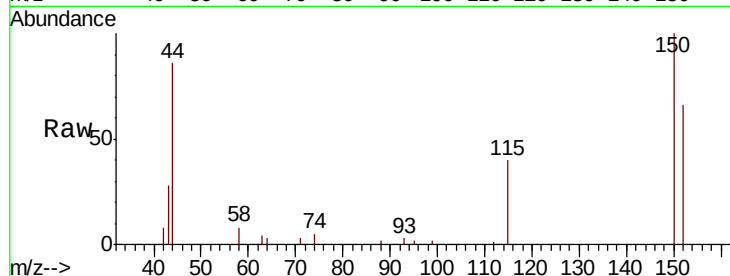


#1

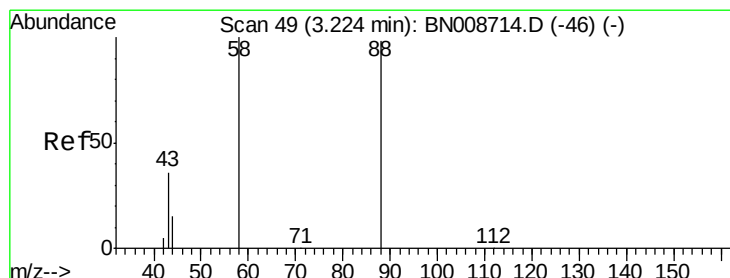
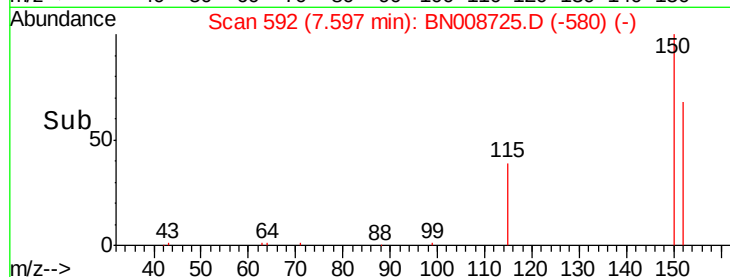
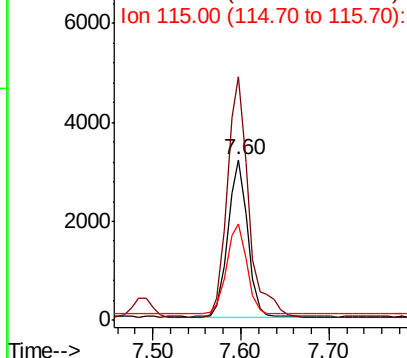
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008725.D
Acq: 23 Nov 2019 12:51

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4870
Ion Ratio Lower Upper
152 100
150 151.7 124.0 186.0
115 60.3 49.8 74.8



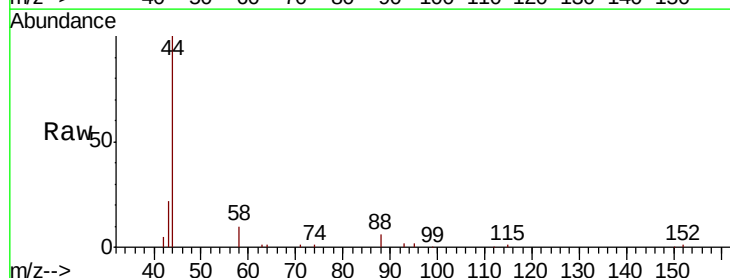
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



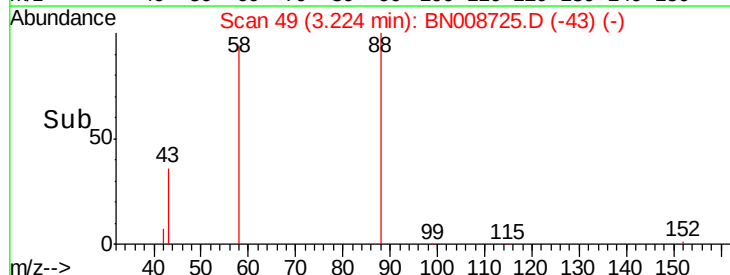
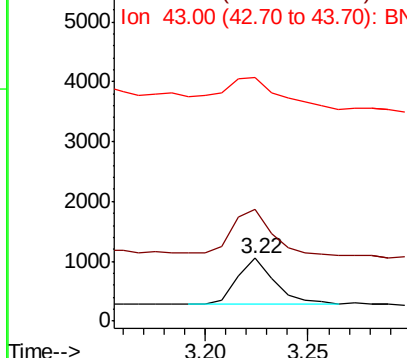
#2

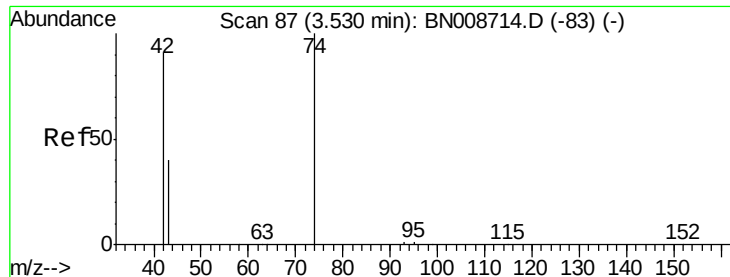
1,4-Dioxane
Concen: 0.190 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN008725.D
Acq: 23 Nov 2019 12:51

Tgt Ion: 88 Resp: 979
Ion Ratio Lower Upper
88 100
58 102.3 85.7 128.5
43 108.7 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



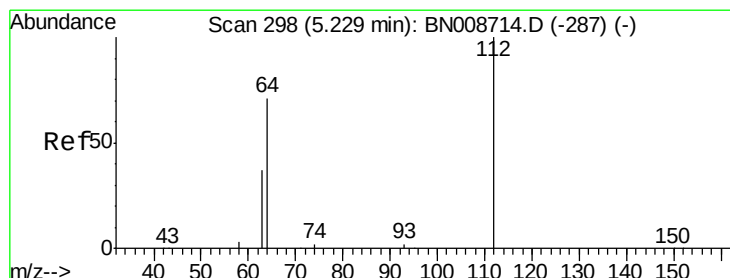
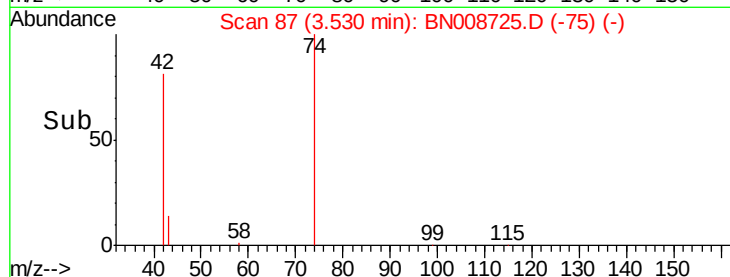
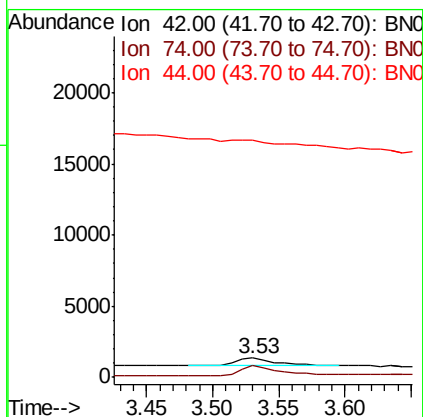
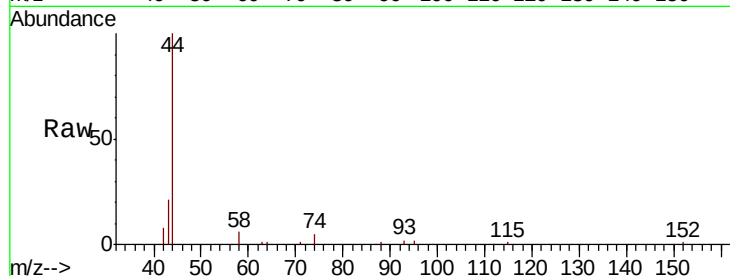


#3

n-Nitrosodimethylamine
 Concen: 0.201 ng
 RT: 3.53 min Scan# 87
 Delta R.T. 0.00 min
 Lab File: BN008725.D
 Acq: 23 Nov 2019 12:51

Instrument :
 BNA_N
 ClientSampleId :

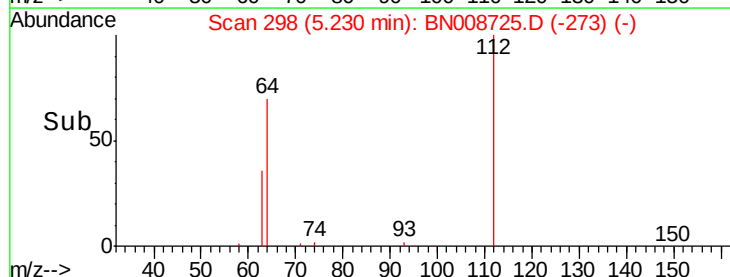
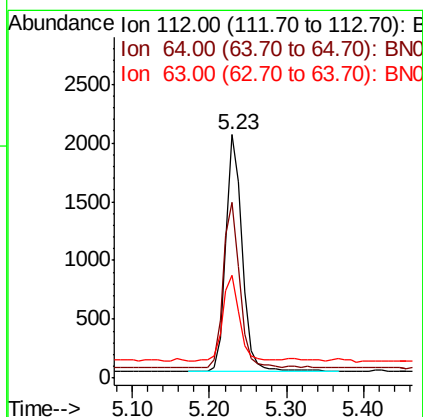
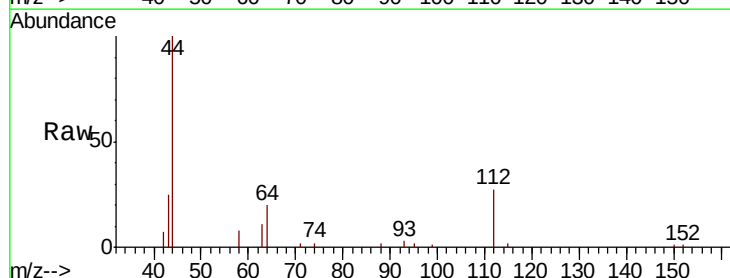
Tot Ion	Ratio	Lower	Upper
42	100		
74	114.0	88.0	132.0
44	0.0	0.0	0.0

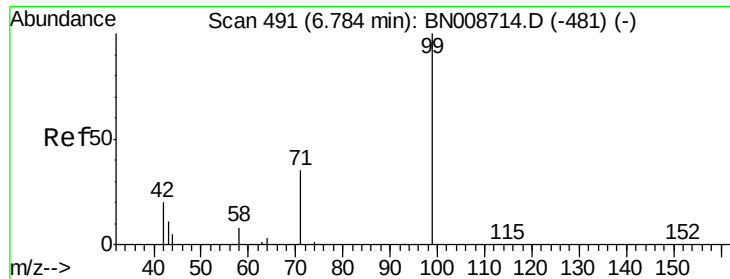


#4

2-Fluorophenol
 Concen: 0.232 ng
 RT: 5.23 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: BN008725.D
 Acq: 23 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	57.1	85.7
63	37.2	29.7	44.5





#5

Phenol-d6

Concen: 0.169 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN008725.D

Acq: 23 Nov 2019 12:51

Instrument :

BNA_N

ClientSampleId :

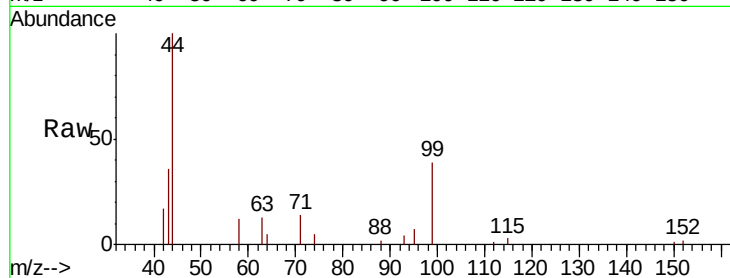
Tot Ion: 99 Resp: 2728

Ion Ratio Lower Upper

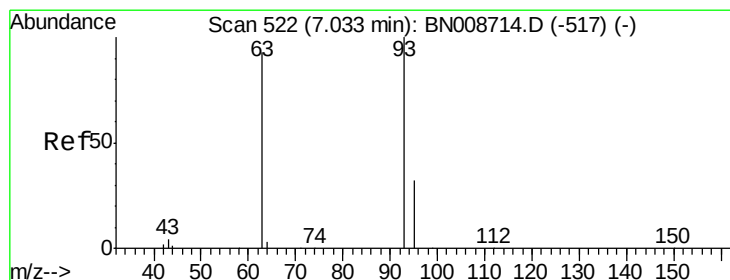
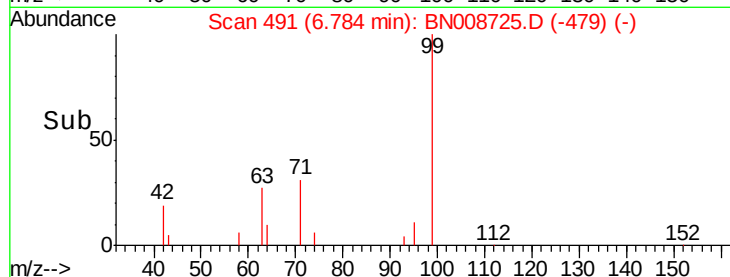
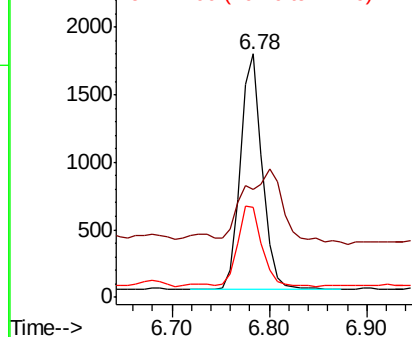
99 100

42 0.0 19.4 29.2#

71 37.3 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.349 ng

RT: 7.03 min Scan# 522

Delta R.T. 0.00 min

Lab File: BN008725.D

Acq: 23 Nov 2019 12:51

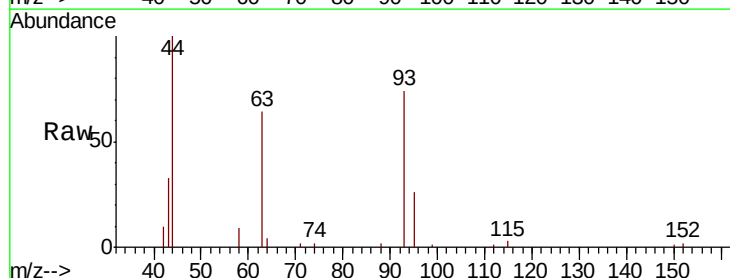
Tgt Ion: 93 Resp: 5281

Ion Ratio Lower Upper

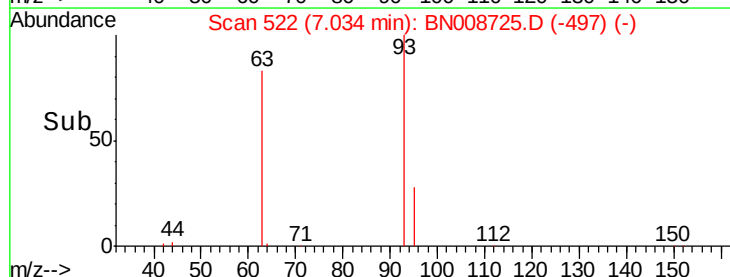
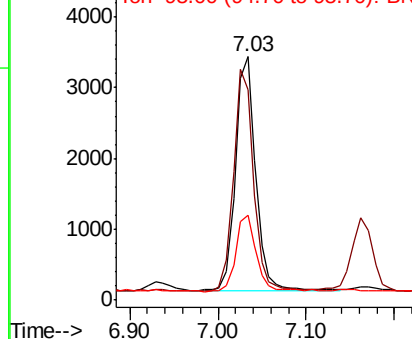
93 100

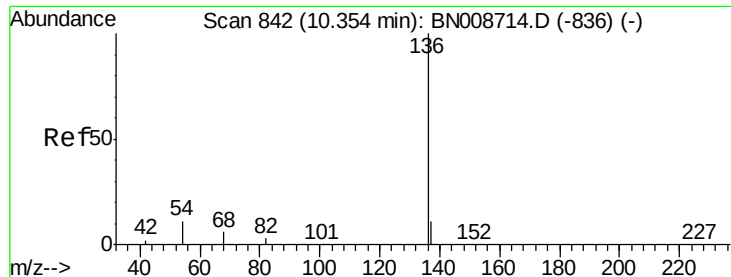
63 95.0 74.2 111.4

95 34.0 26.2 39.2



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN008725.D

Acq: 23 Nov 2019 12:51

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 17381

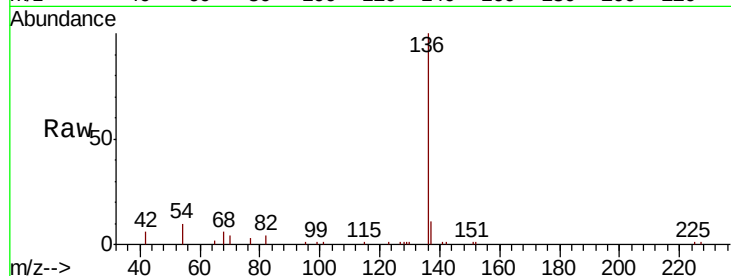
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 9.9 9.4 14.2

68 6.5 5.8 8.6

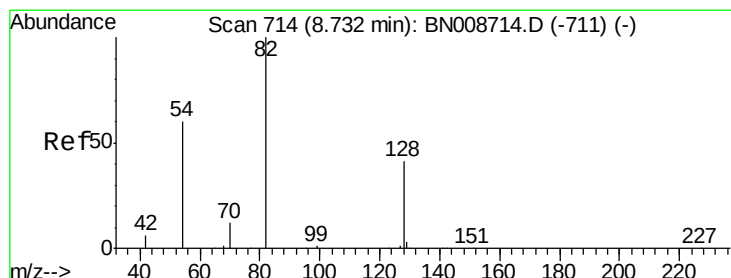
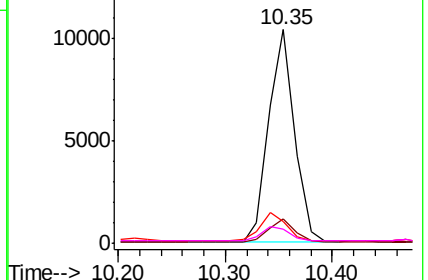
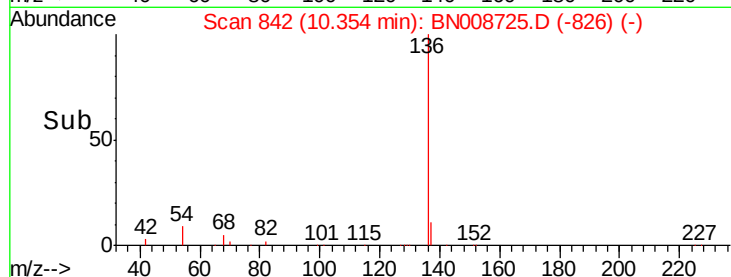


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.317 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.01 min

Lab File: BN008725.D

Acq: 23 Nov 2019 12:51

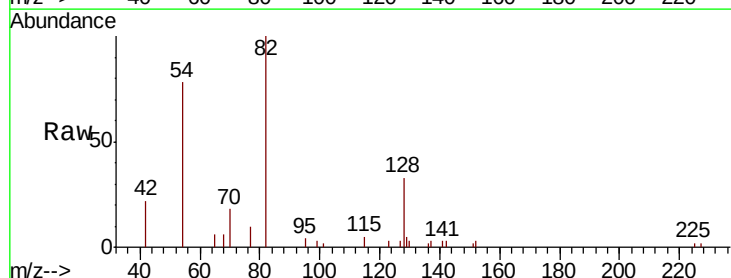
Tgt Ion: 82 Resp: 4952

Ion Ratio Lower Upper

82 100

128 33.0 34.6 52.0#

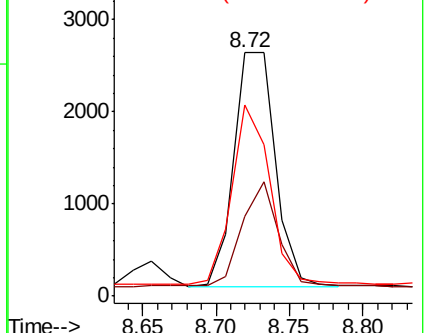
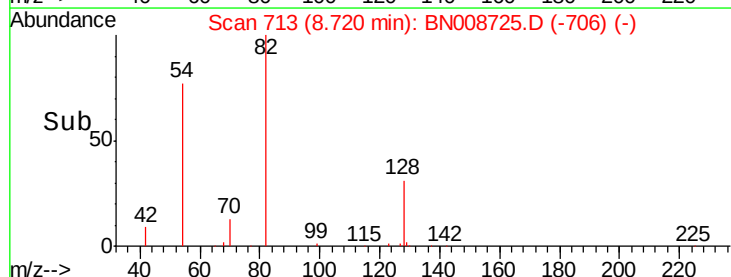
54 78.4 50.2 75.4#

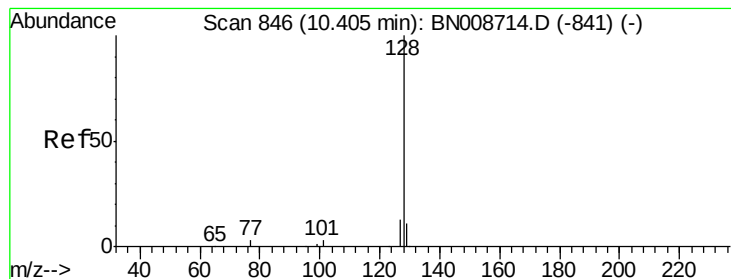


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.354 ng

RT: 10.41 min Scan# 846

Delta R.T. 0.00 min

Lab File: BN008725.D

Acq: 23 Nov 2019 12:51

Instrument :

BNA_N

ClientSampleId :

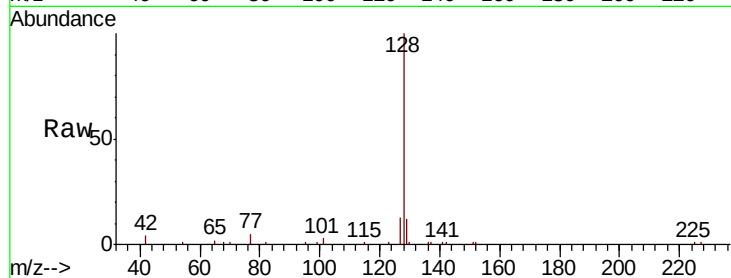
Tot Ion:128 Resp: 16406

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

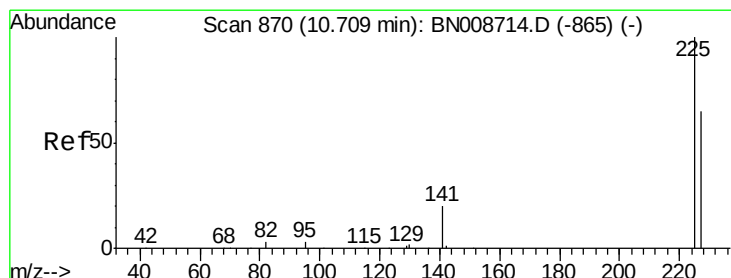
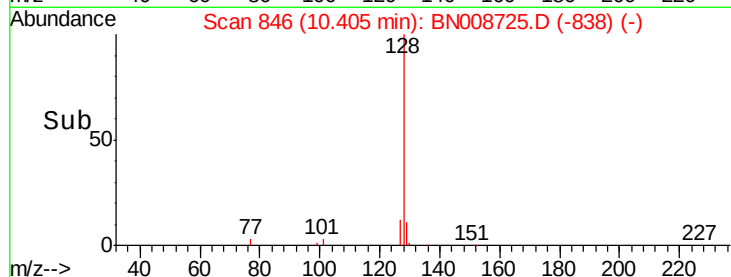
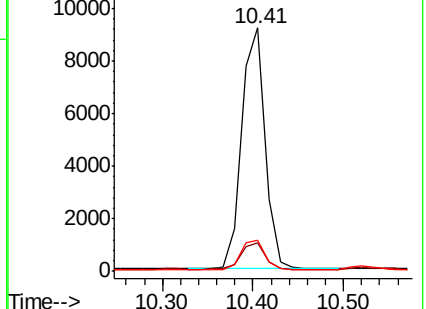
127 13.0 10.5 15.7



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: 0.305 ng

RT: 10.71 min Scan# 870

Delta R.T. 0.00 min

Lab File: BN008725.D

Acq: 23 Nov 2019 12:51

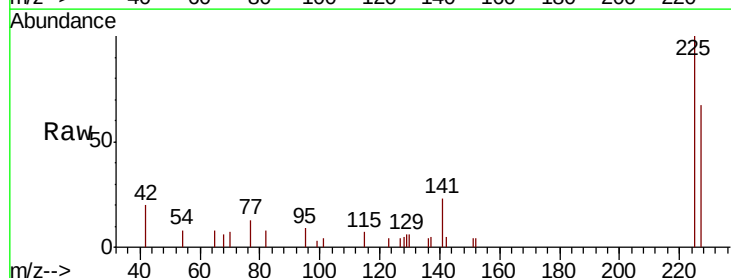
Tgt Ion:225 Resp: 2932

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

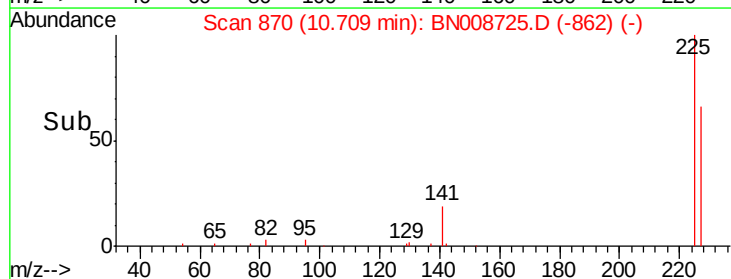
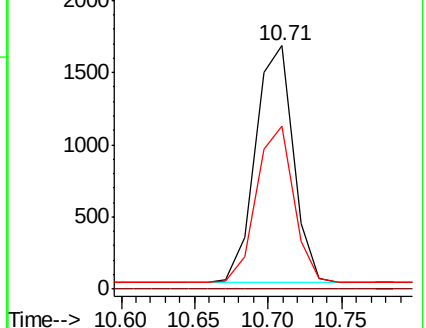
227 64.8 51.8 77.6

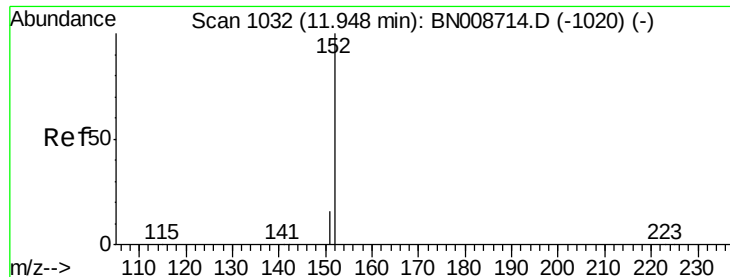


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

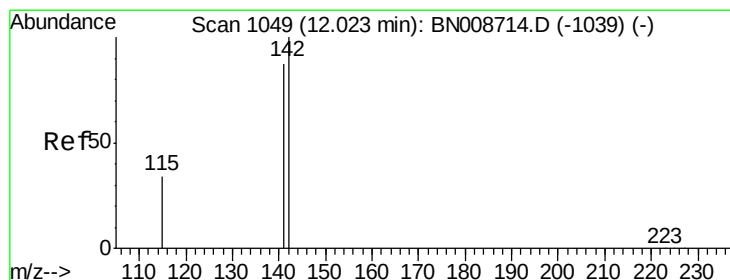
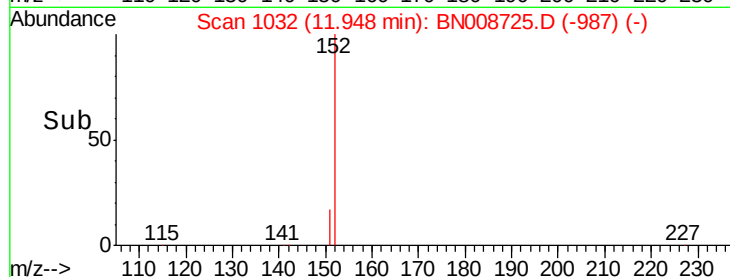
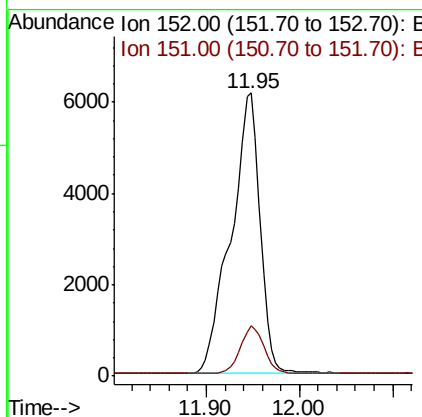
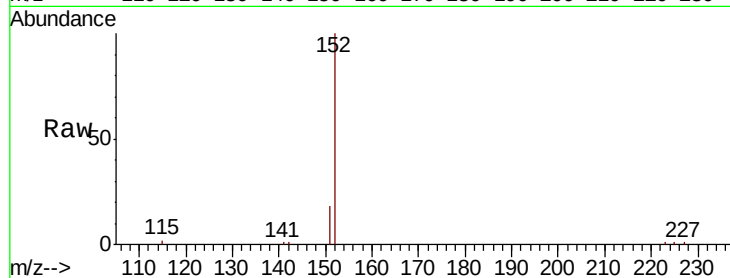




#11
 2-Methylnaphthalene-d10
 Concen: 0.484 ng
 RT: 11.95 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BN008725.D
 Acq: 23 Nov 2019 12:51

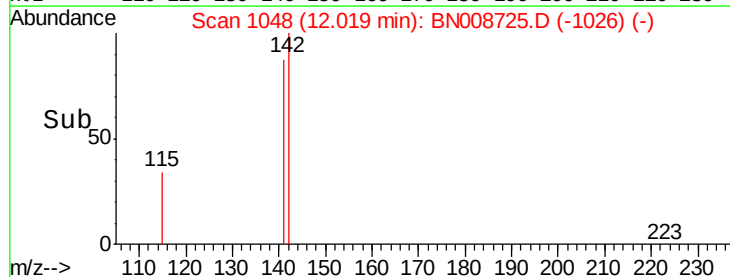
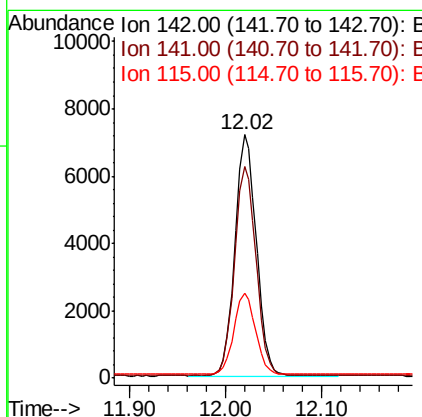
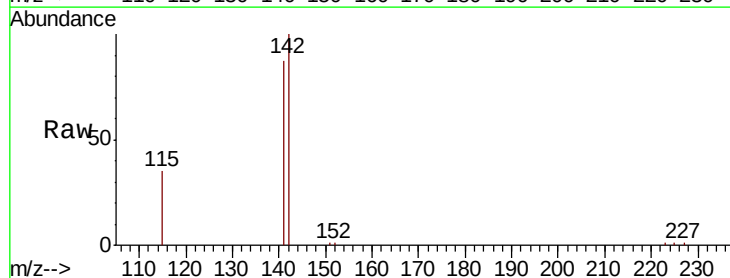
Instrument :
 BNA_N
 ClientSampleId :

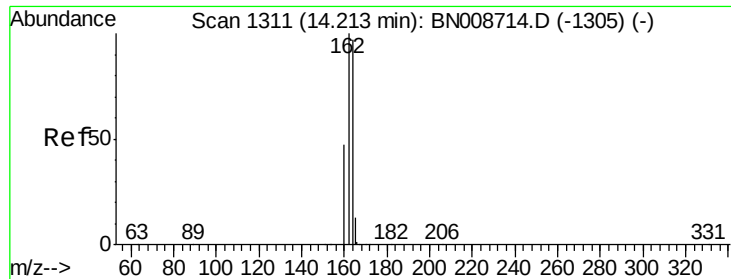
Tot Ion:152 Resp: 13276
 Ion Ratio Lower Upper
 152 100
 151 13.8 15.2 22.8#



#12
 2-Methylnaphthalene
 Concen: 0.345 ng
 RT: 12.02 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BN008725.D
 Acq: 23 Nov 2019 12:51

Tgt Ion:142 Resp: 11146
 Ion Ratio Lower Upper
 142 100
 141 86.8 69.8 104.6
 115 35.0 28.4 42.6

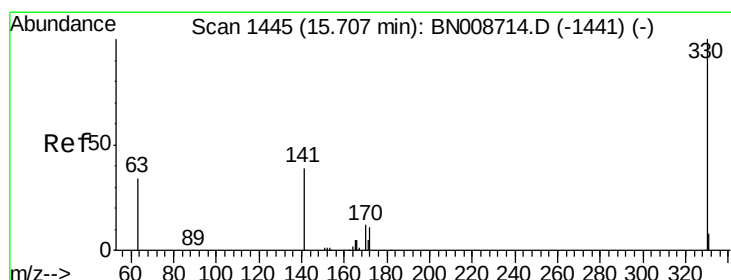
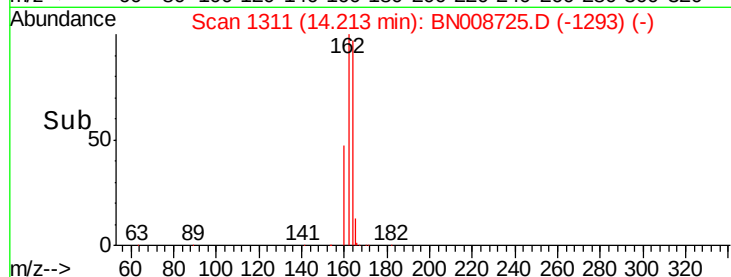
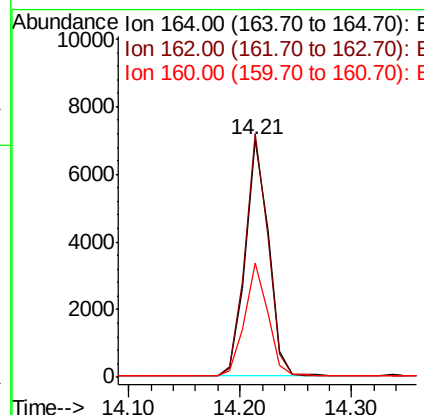
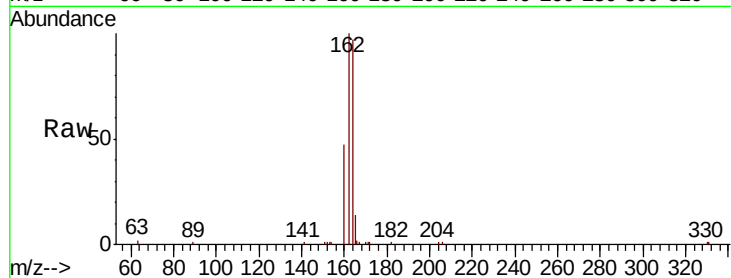




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.21 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BN008725.D
 Acq: 23 Nov 2019 12:51

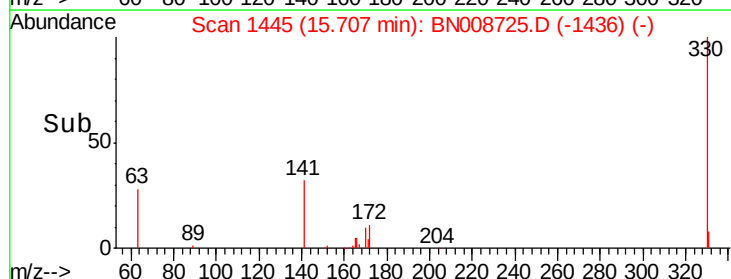
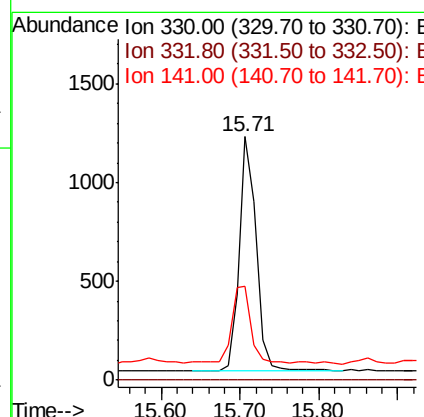
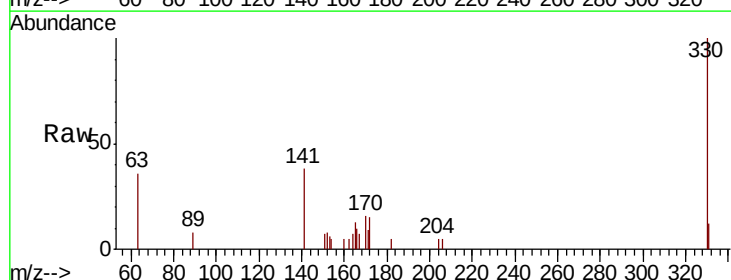
Instrument :
 BNA_N
 ClientSampleId :

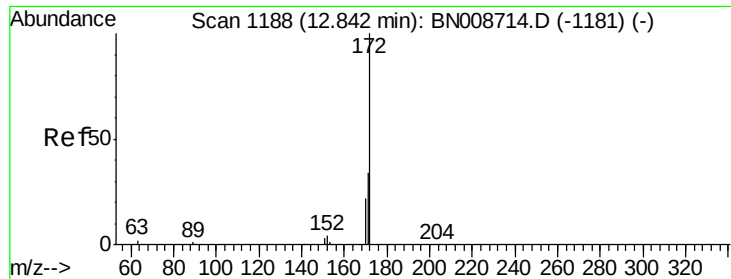
Tot Ion:164 Resp: 9961
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.2 123.4
 160 48.2 38.7 58.1



#14
 2,4,6-Tribromophenol
 Concen: 0.390 ng
 RT: 15.71 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: BN008725.D
 Acq: 23 Nov 2019 12:51

Tgt Ion:330 Resp: 1809
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 37.9 29.5 44.3

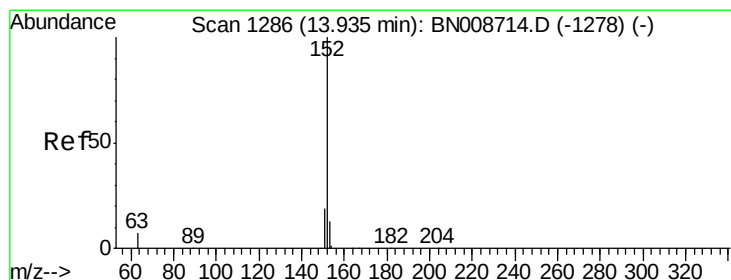
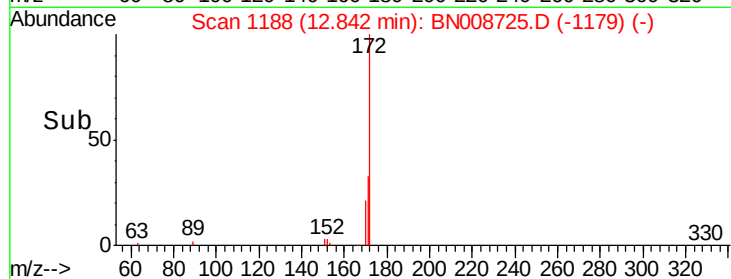
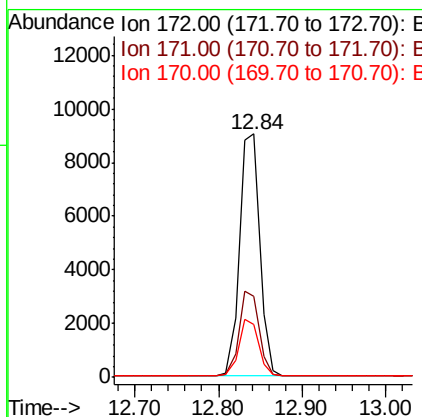
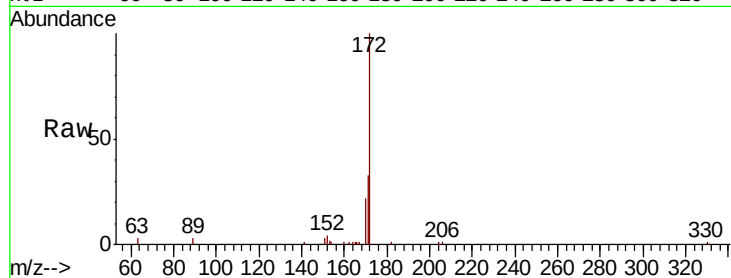




#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 12.84 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BN008725.D
Acq: 23 Nov 2019 12:51

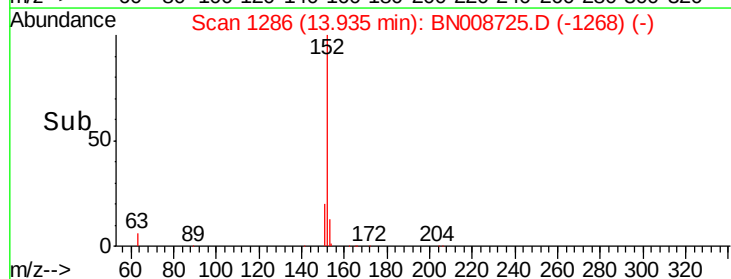
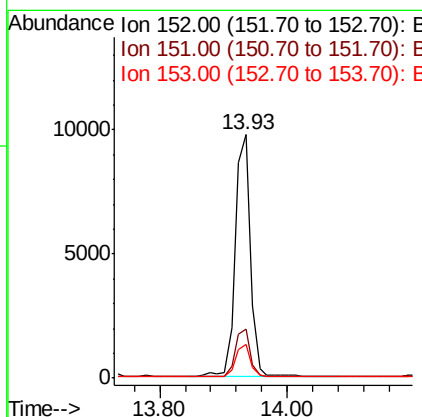
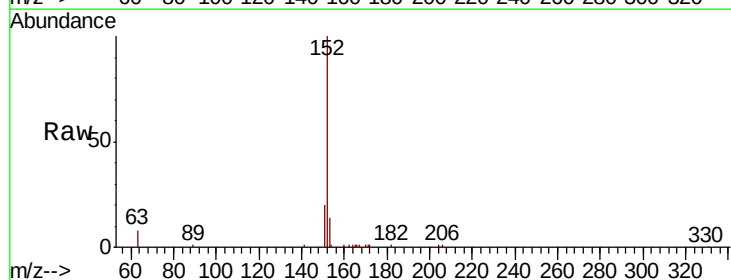
Instrument :
BNA_N
ClientSampleId :

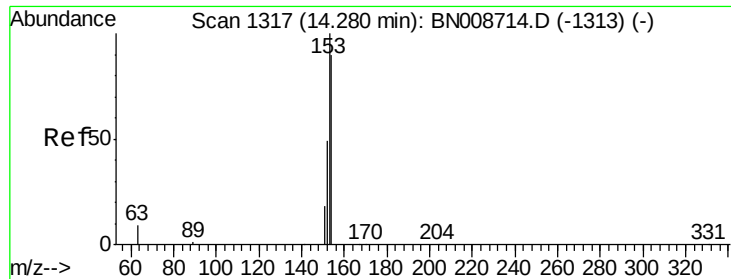
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.3	27.3	40.9
170	21.6	17.8	26.6



#16
Acenaphthylene
Concen: 0.352 ng
RT: 13.93 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BN008725.D
Acq: 23 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.0	10.3	15.5

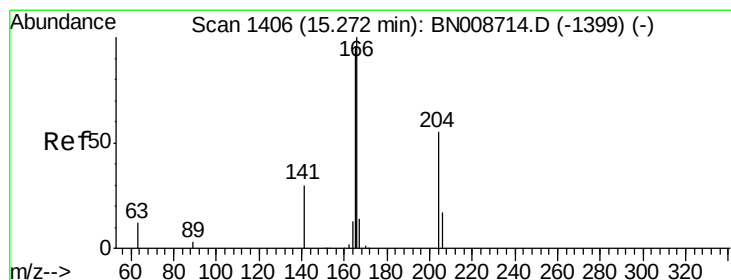
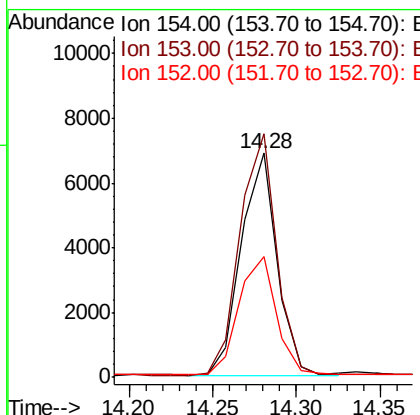
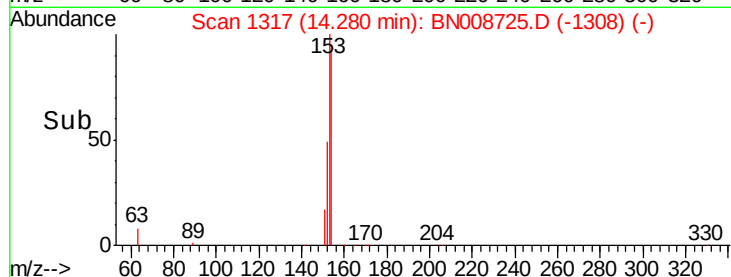
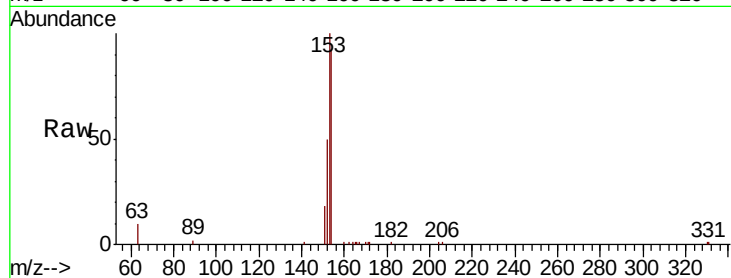




#17
Acenaphthene
Concen: 0.338 ng
RT: 14.28 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BN008725.D
Acq: 23 Nov 2019 12:51

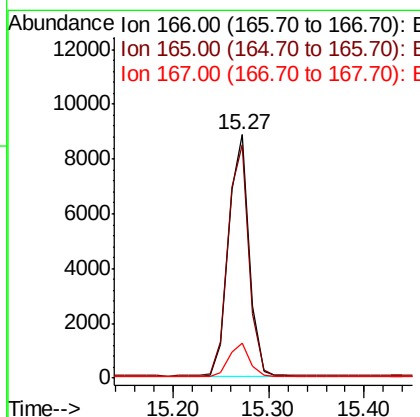
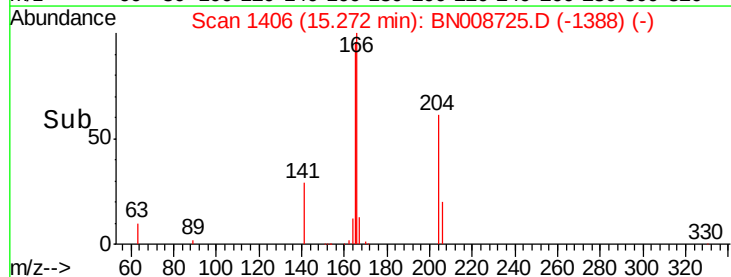
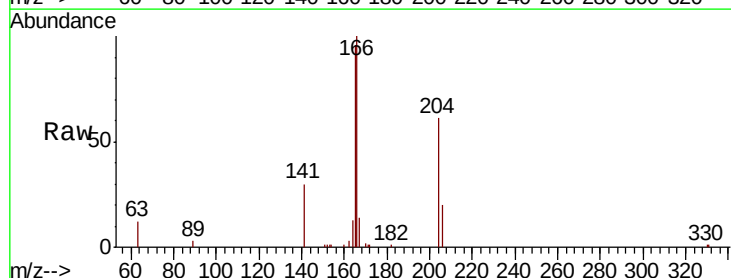
Instrument :
BNA_N
ClientSampleId :

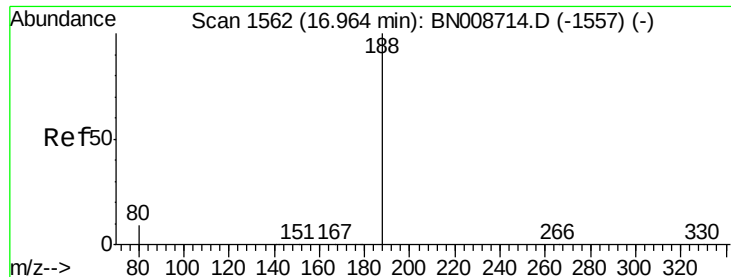
Tot Ion:154 Resp: 10200
Ion Ratio Lower Upper
154 100
153 110.4 89.6 134.4
152 55.7 44.7 67.1



#18
Fluorene
Concen: 0.341 ng
RT: 15.27 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BN008725.D
Acq: 23 Nov 2019 12:51

Tgt Ion:166 Resp: 13168
Ion Ratio Lower Upper
166 100
165 97.9 77.7 116.5
167 13.6 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: BN008725.D

Acq: 23 Nov 2019 12:51

Instrument :

BNA_N

ClientSampleId :

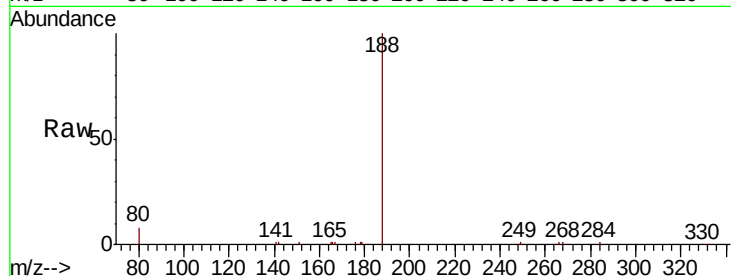
Tot Ion:188 Resp: 20565

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

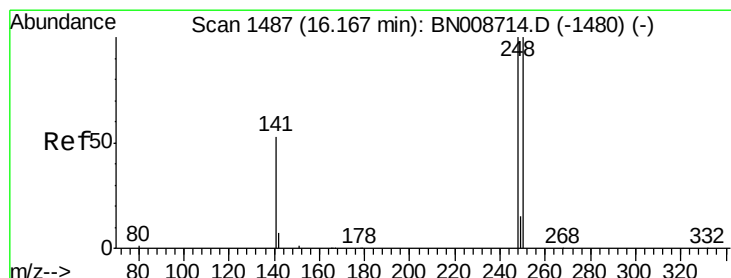
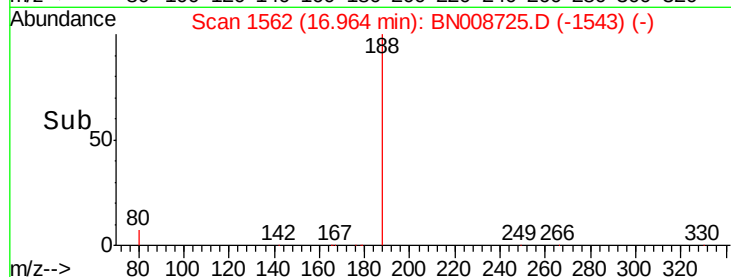
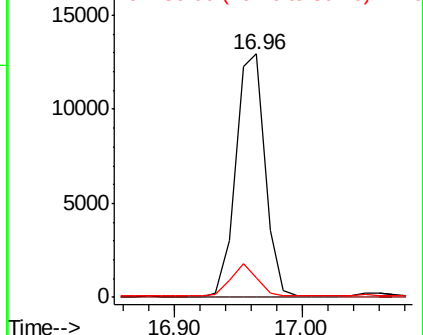
80 7.8 7.4 11.0



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: 0.391 ng

RT: 16.17 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN008725.D

Acq: 23 Nov 2019 12:51

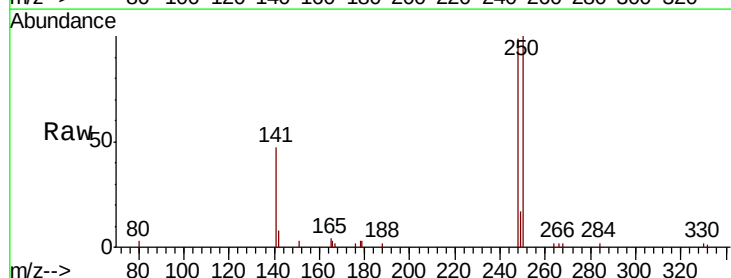
Tgt Ion:248 Resp: 5024

Ion Ratio Lower Upper

248 100

250 100.9 80.5 120.7

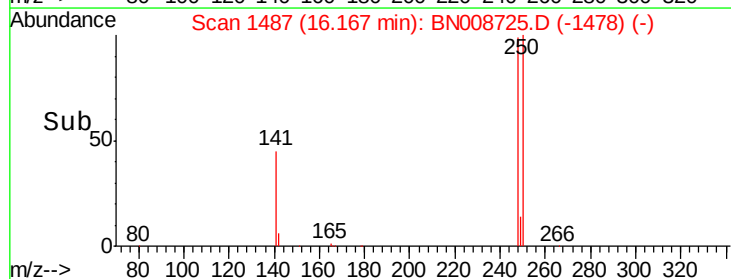
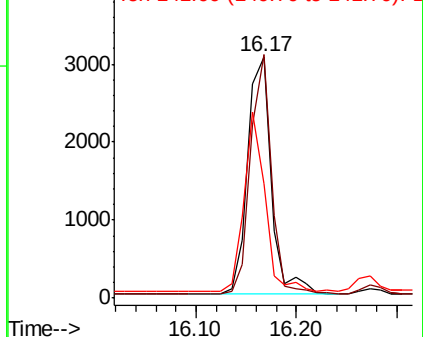
141 47.6 43.8 65.6

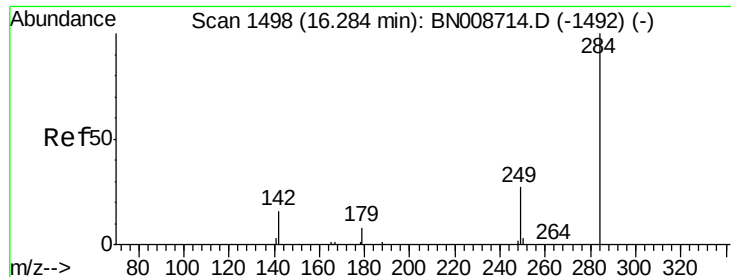


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

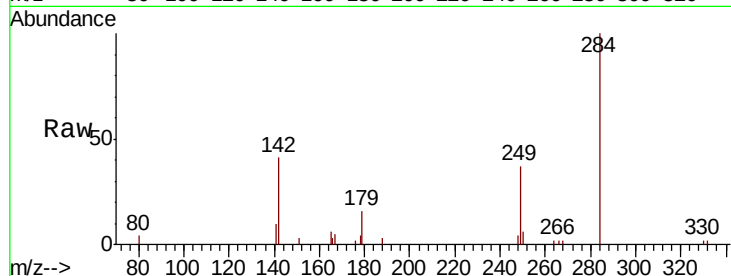




#21
Hexachlorobenzene
Concen: 0.323 ng
RT: 16.27 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BN008725.D
Acq: 23 Nov 2019 12:51

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.8	27.4	41.0
249	32.1	25.4	38.0

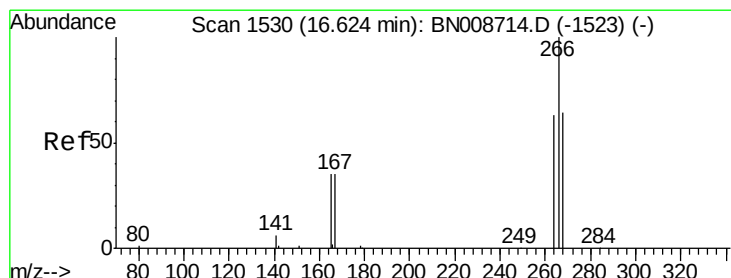
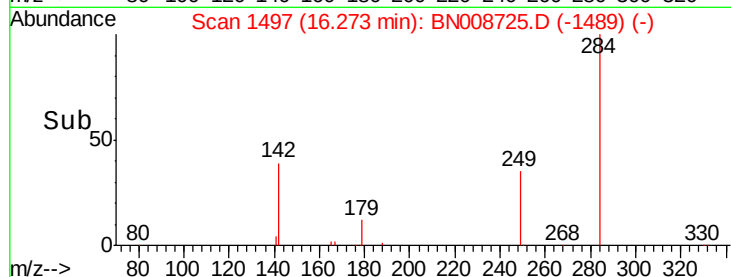
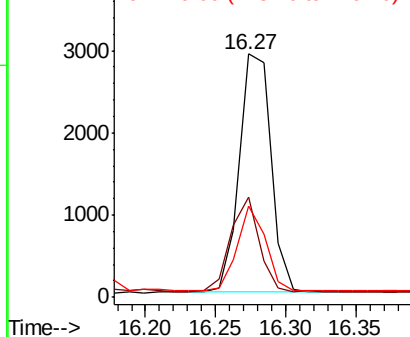


Abundance

Ion 283.80 (283.50 to 284.50): E

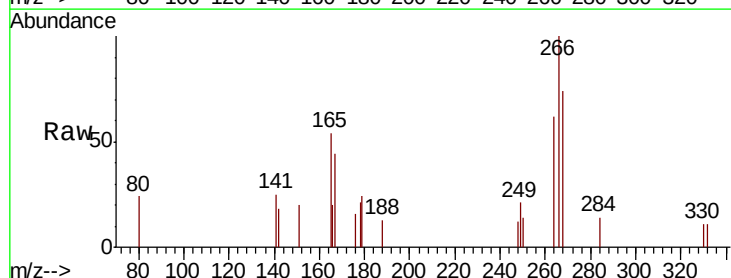
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.132 ng
RT: 16.62 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BN008725.D
Acq: 23 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.0	51.0	76.4
268	74.3	54.1	81.1

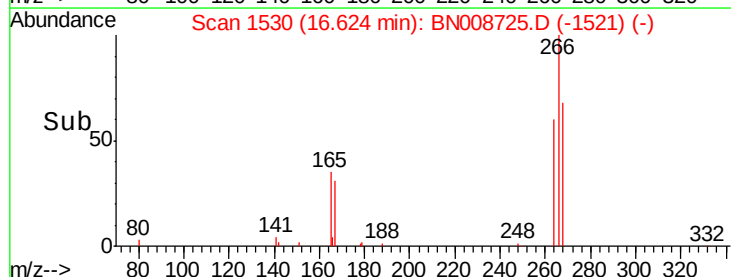
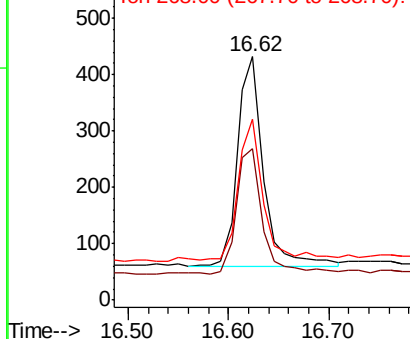


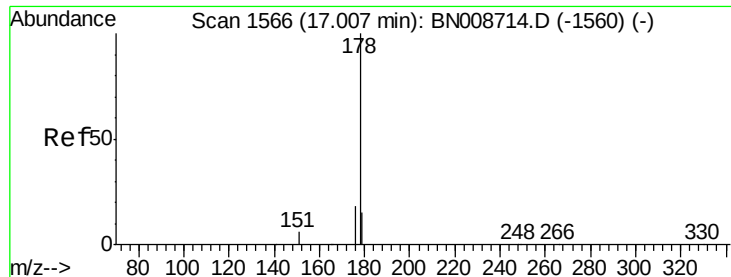
Abundance

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: 0.356 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BN008725.D

Acq: 23 Nov 2019 12:51

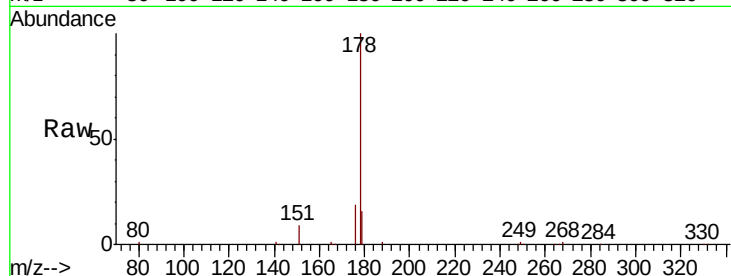
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 22595

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.6	12.3	18.5

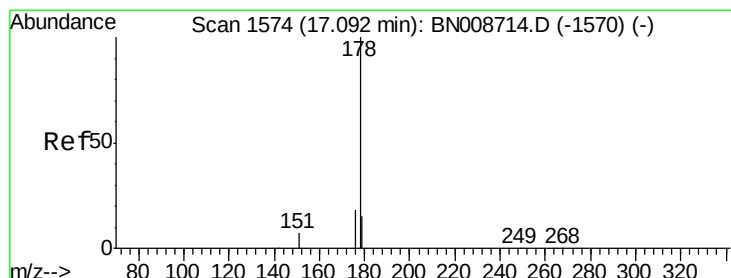
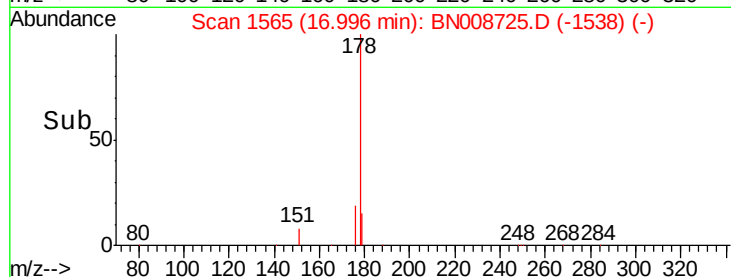
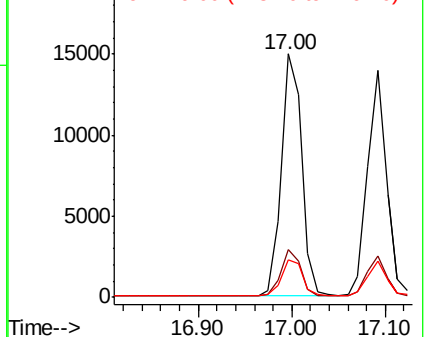


Abundance

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: 0.350 ng

RT: 17.09 min Scan# 1574

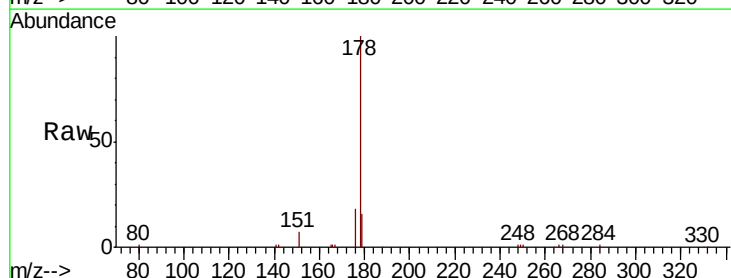
Delta R.T. 0.00 min

Lab File: BN008725.D

Acq: 23 Nov 2019 12:51

Tgt Ion:178 Resp: 19830

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.4	21.6
179	15.7	12.0	18.0

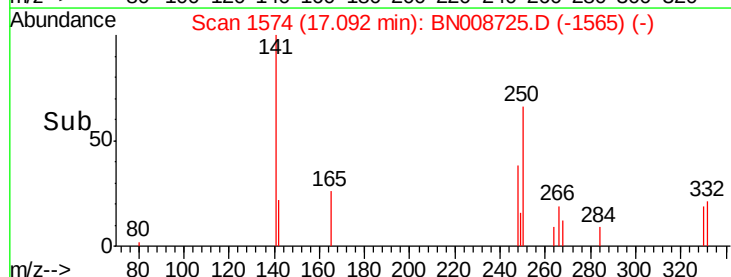
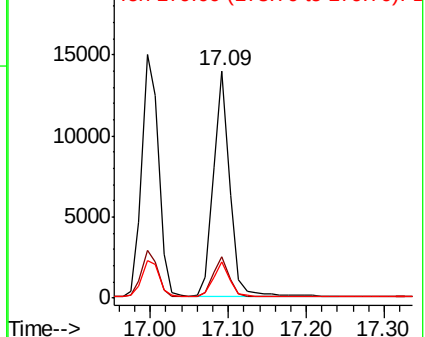


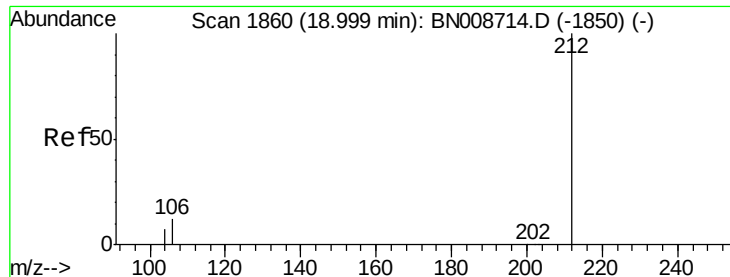
Abundance

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: 0.352 ng

RT: 18.99 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BN008725.D

Acq: 23 Nov 2019 12:51

Instrument :

BNA_N

ClientSampleId :

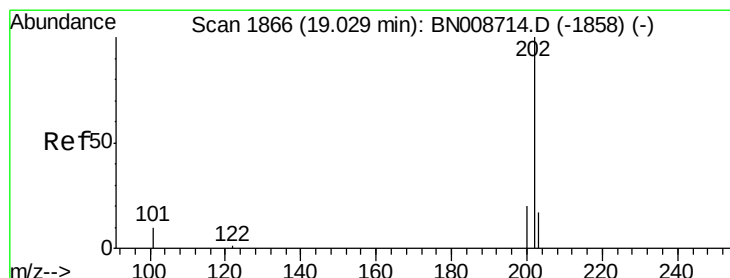
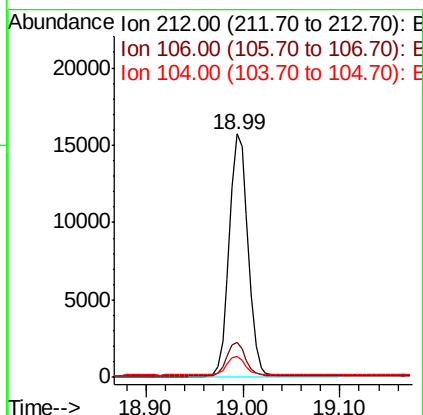
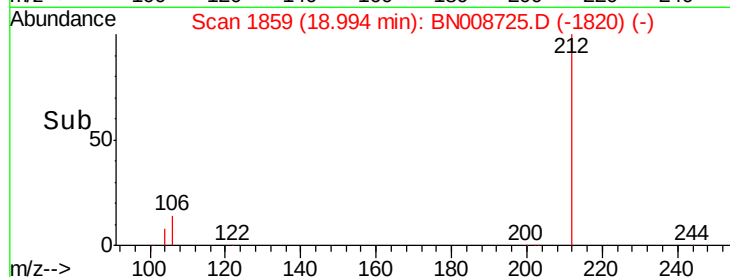
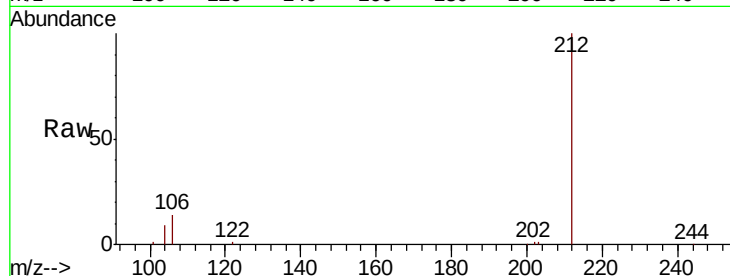
Tot Ion:212 Resp: 21256

Ion Ratio Lower Upper

212 100

106 13.6 10.6 15.8

104 7.5 6.0 9.0



#26

Fluoranthene

Concen: 0.340 ng

RT: 19.02 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BN008725.D

Acq: 23 Nov 2019 12:51

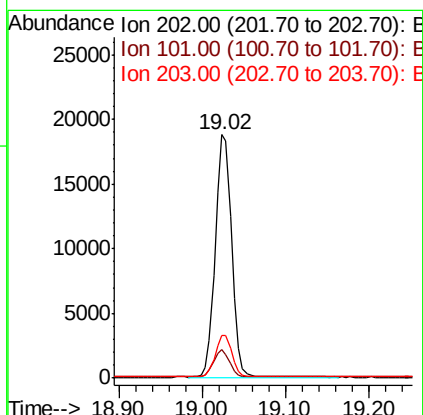
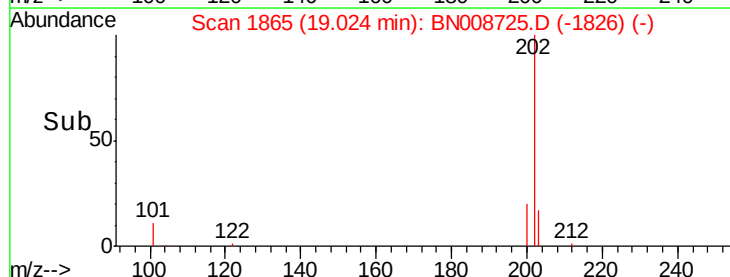
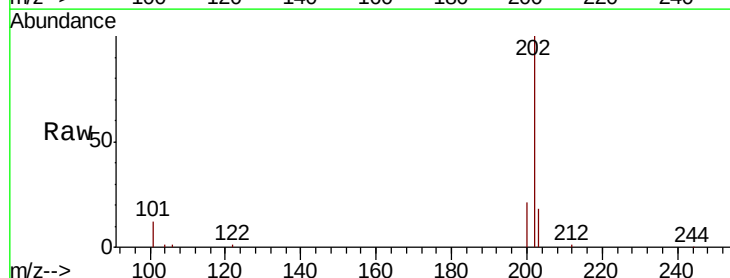
Tgt Ion:202 Resp: 25357

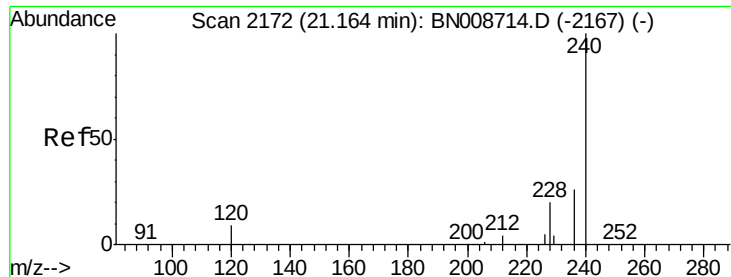
Ion Ratio Lower Upper

202 100

101 11.2 9.0 13.4

203 17.2 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.16 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN008725.D

Acq: 23 Nov 2019 12:51

Instrument :

BNA_N

ClientSampleId :

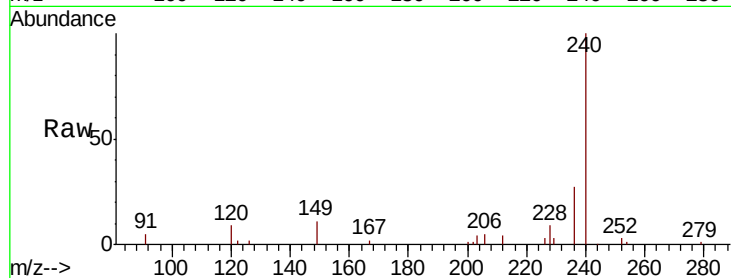
Tot Ion:240 Resp: 19309

Ion Ratio Lower Upper

240 100

120 9.0 9.0 13.4

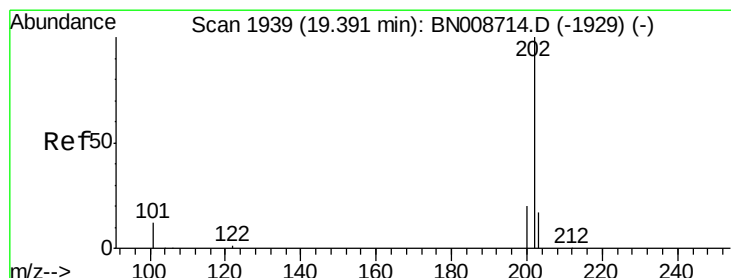
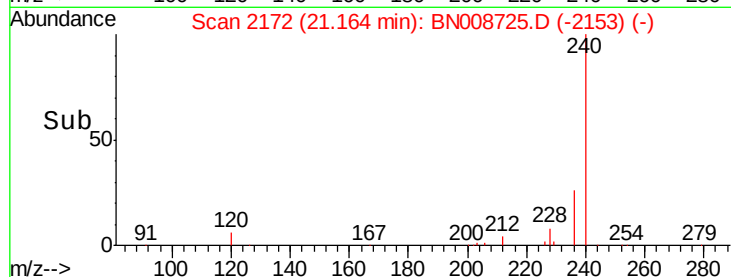
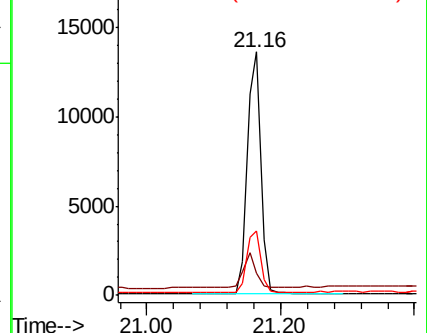
236 26.7 21.8 32.6



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: 0.363 ng

RT: 19.39 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BN008725.D

Acq: 23 Nov 2019 12:51

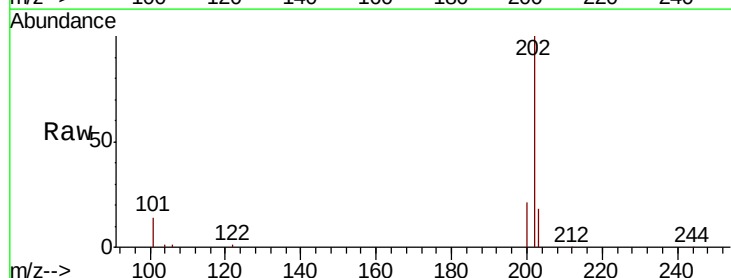
Tgt Ion:202 Resp: 25863

Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.4

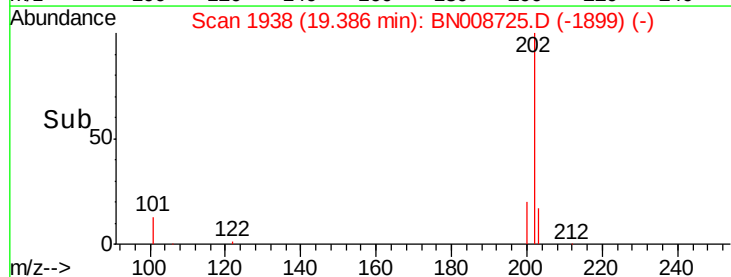
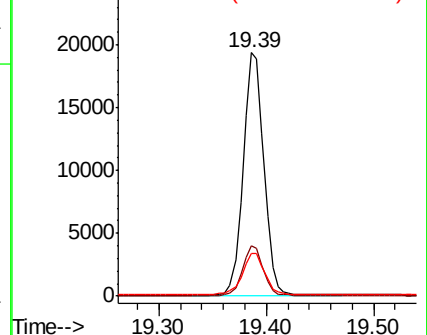
203 18.0 14.0 21.0

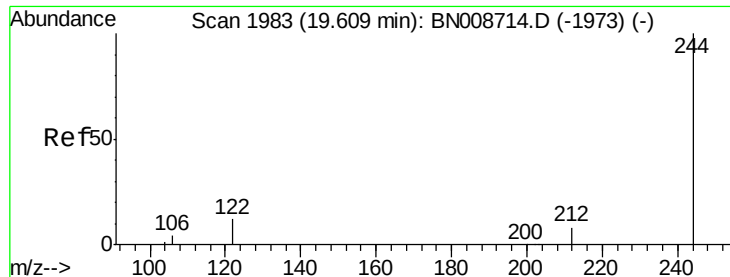


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.453 ng

RT: 19.61 min Scan# 1983

Delta R.T. 0.00 min

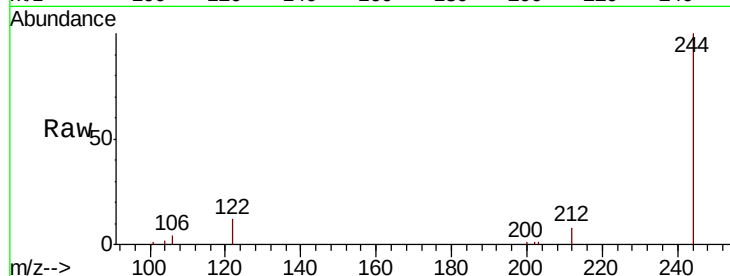
Lab File: BN008725.D

Acq: 23 Nov 2019 12:51

Instrument :

BNA_N

ClientSampleId :



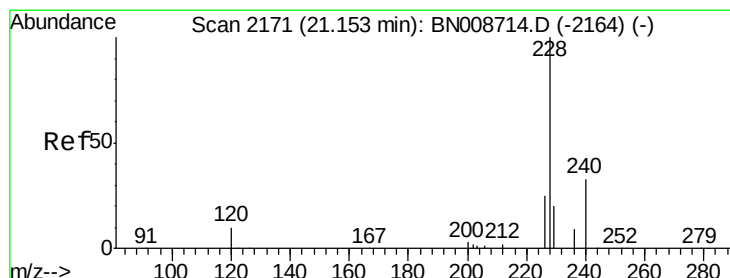
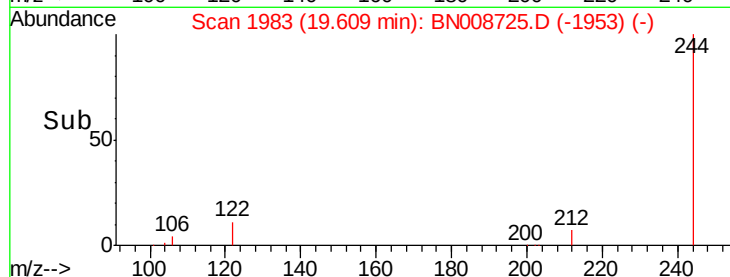
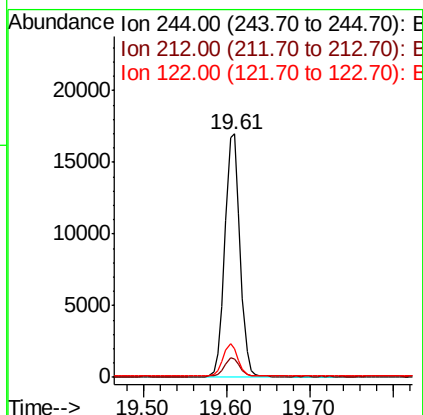
Tot Ion:244 Resp: 21060

Ion Ratio Lower Upper

244 100

212 7.7 6.6 9.8

122 11.6 10.1 15.1



#30

Benzo(a)anthracene

Concen: 0.341 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN008725.D

Acq: 23 Nov 2019 12:51

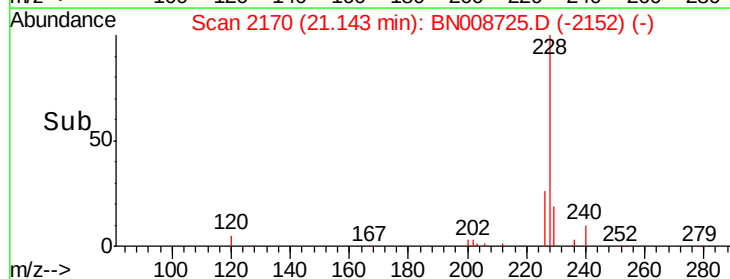
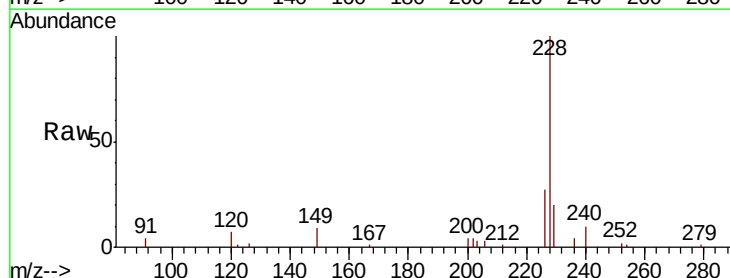
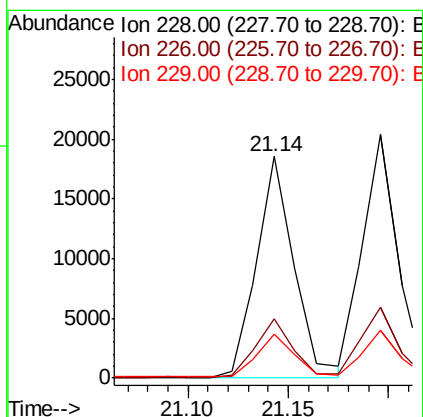
Tgt Ion:228 Resp: 24117

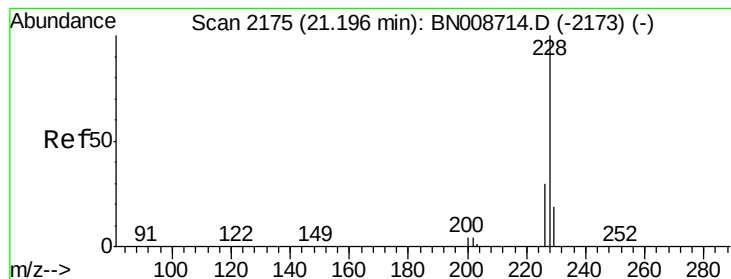
Ion Ratio Lower Upper

228 100

226 26.8 20.3 30.5

229 19.8 16.2 24.4





#31

Chrysene

Concen: 0.351 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN008725.D

Acq: 23 Nov 2019 12:51

Instrument :

BNA_N

ClientSampleId :

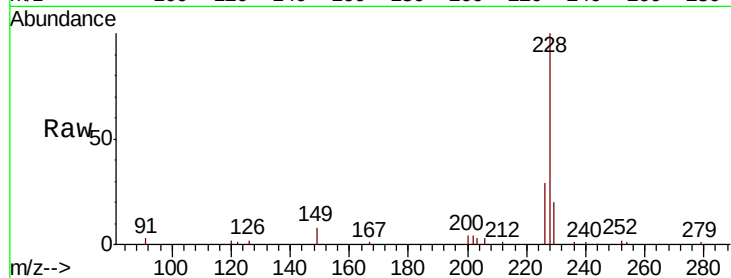
Tot Ion:228 Resp: 24048

Ion Ratio Lower Upper

228 100

226 29.1 23.8 35.8

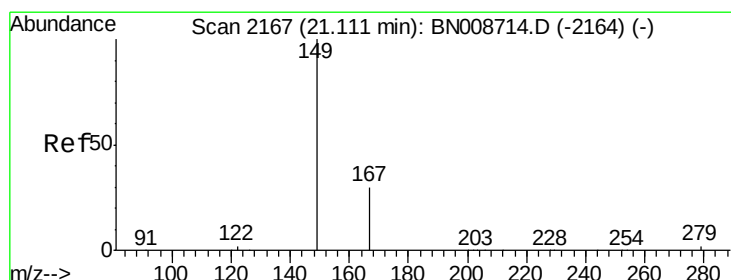
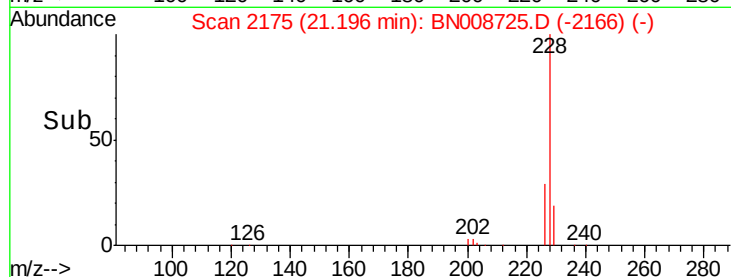
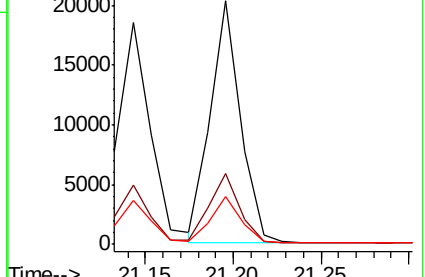
229 19.7 15.4 23.0



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: 0.347 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BN008725.D

Acq: 23 Nov 2019 12:51

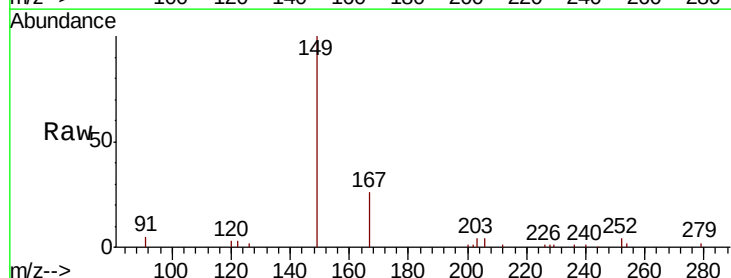
Tgt Ion:149 Resp: 15910

Ion Ratio Lower Upper

149 100

167 28.7 23.5 35.3

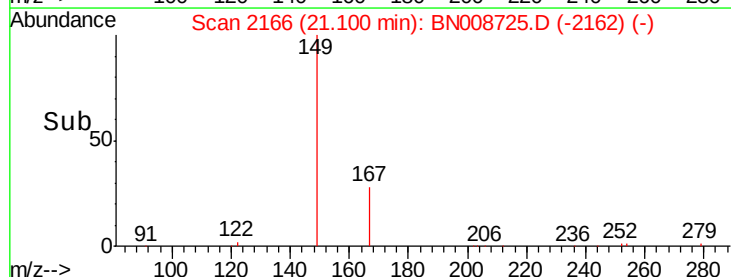
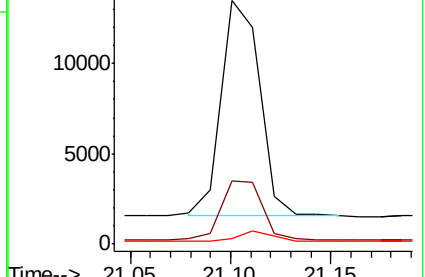
279 4.1 3.4 5.0

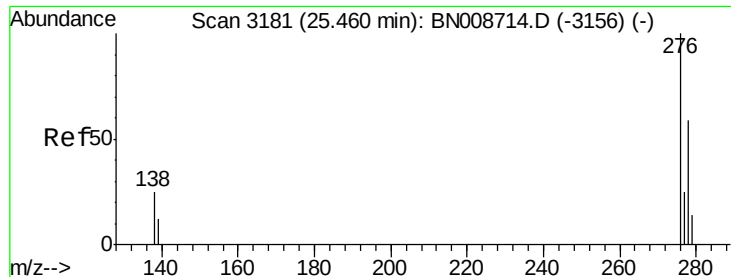


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.377 ng

RT: 25.45 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BN008725.D

Acq: 23 Nov 2019 12:51

Instrument :

BNA_N

ClientSampleId :

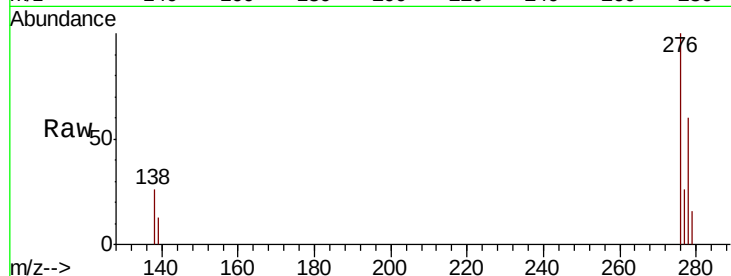
Tot Ion:276 Resp: 28768

Ion Ratio Lower Upper

276 100

138 26.1 21.0 31.6

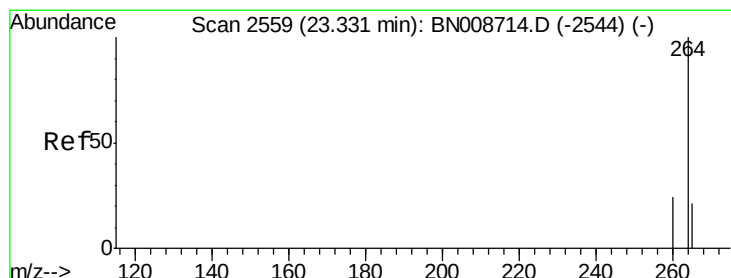
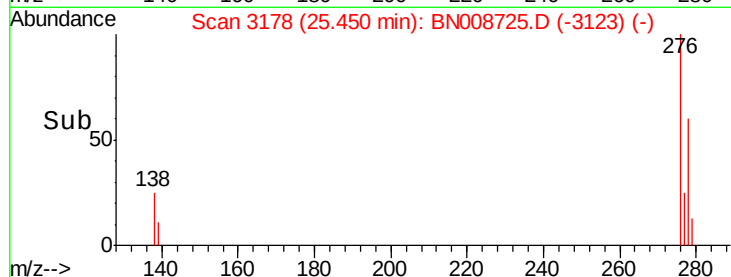
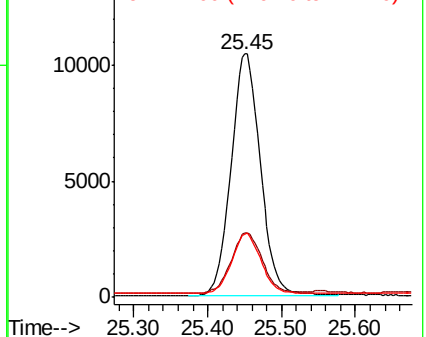
277 25.0 19.9 29.9



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: BN008725.D

Acq: 23 Nov 2019 12:51

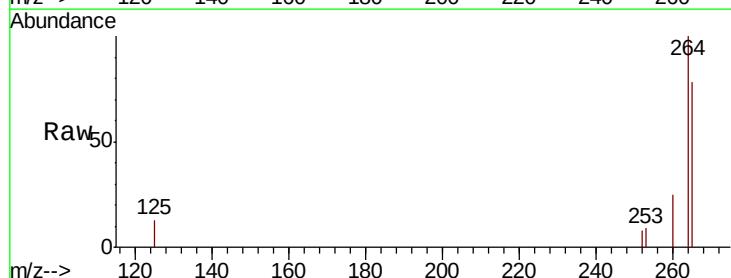
Tgt Ion:264 Resp: 20052

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

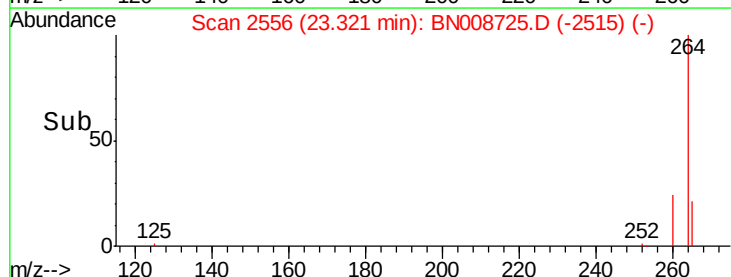
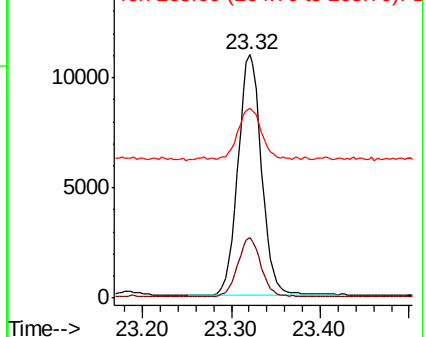
265 78.1 61.8 92.6

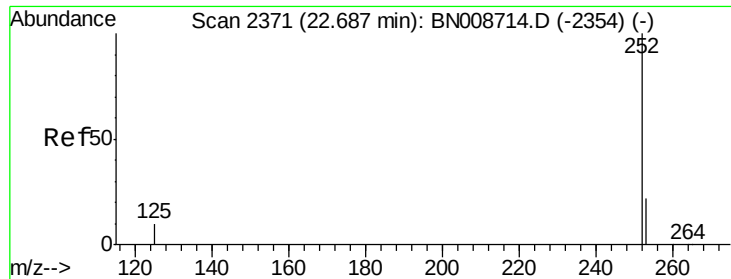


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

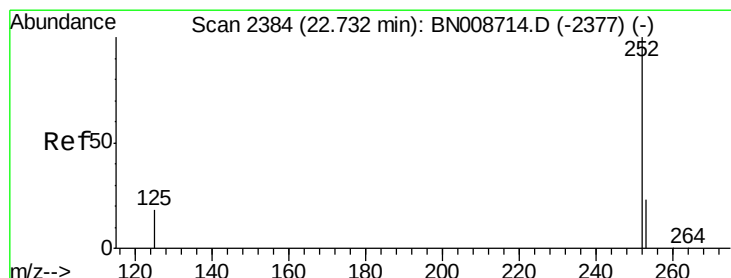
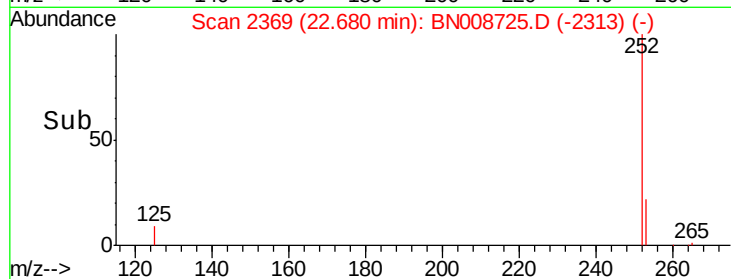
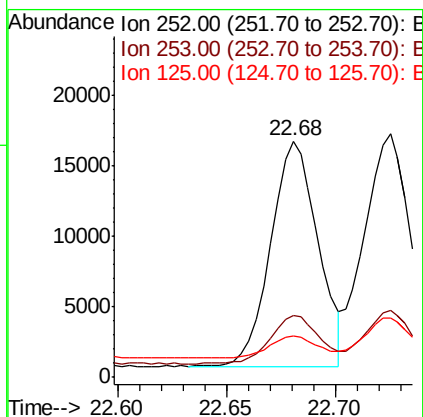
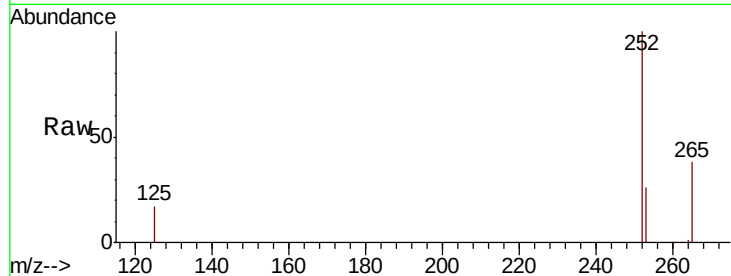




#35
Benzo(b)fluoranthene
Concen: 0.347 ng
RT: 22.68 min Scan# 2369
Delta R.T. -0.01 min
Lab File: BN008725.D
Acq: 23 Nov 2019 12:51

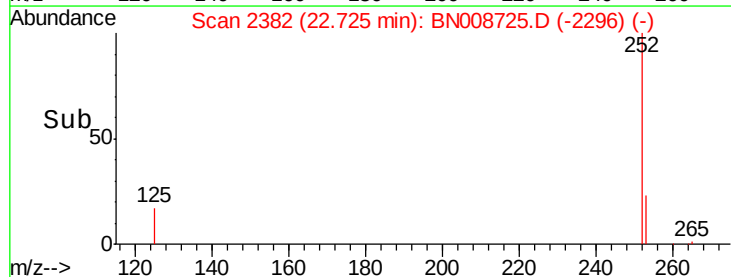
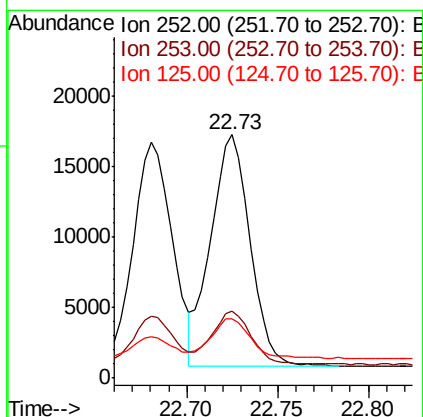
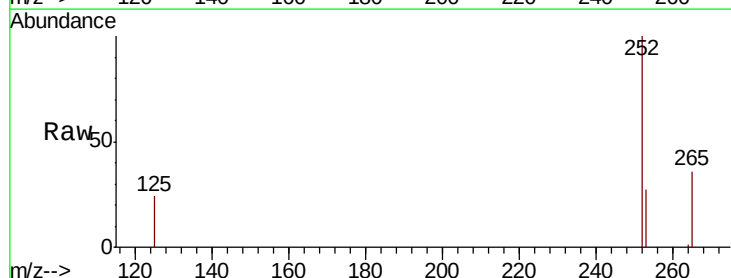
Instrument :
BNA_N
ClientSampleId :

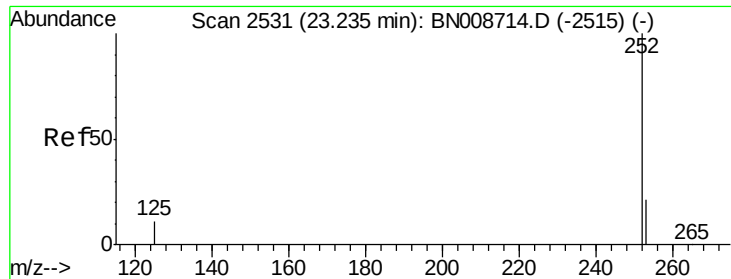
Tot Ion:252 Resp: 24058
Ion Ratio Lower Upper
252 100
253 26.5 20.8 31.2
125 17.4 13.5 20.3



#36
Benzo(k)fluoranthene
Concen: 0.353 ng
RT: 22.73 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BN008725.D
Acq: 23 Nov 2019 12:51

Tgt Ion:252 Resp: 24797
Ion Ratio Lower Upper
252 100
253 27.4 21.8 32.6
125 24.4 18.2 27.4





#37

Benzo(a)pyrene

Concen: 0.361 ng

RT: 23.23 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BN008725.D

Acq: 23 Nov 2019 12:51

Instrument :

BNA_N

ClientSampleId :

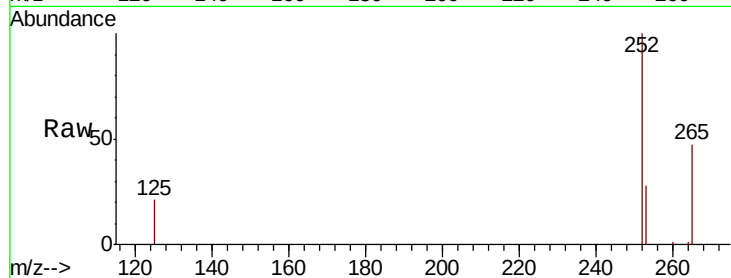
Tot Ion:252 Resp: 23157

Ion Ratio Lower Upper

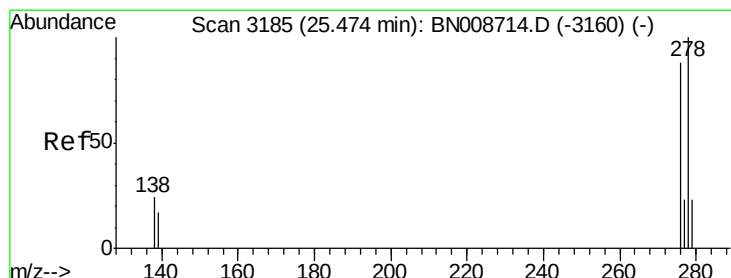
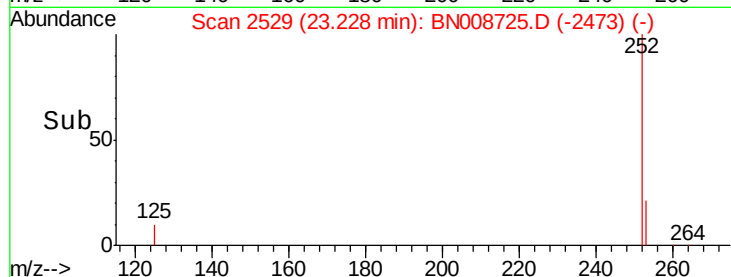
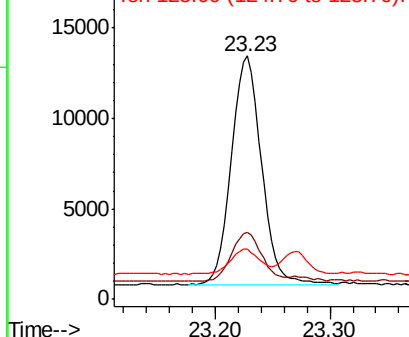
252 100

253 27.6 21.9 32.9

125 20.6 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: 0.375 ng

RT: 25.46 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BN008725.D

Acq: 23 Nov 2019 12:51

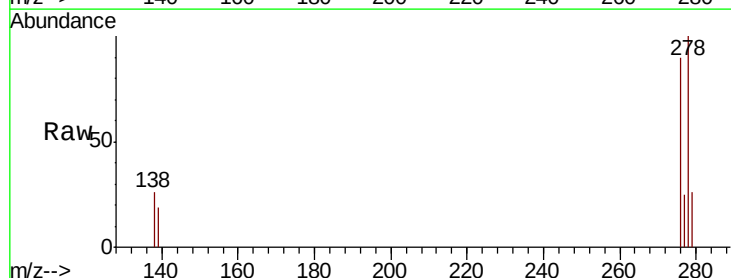
Tgt Ion:278 Resp: 23770

Ion Ratio Lower Upper

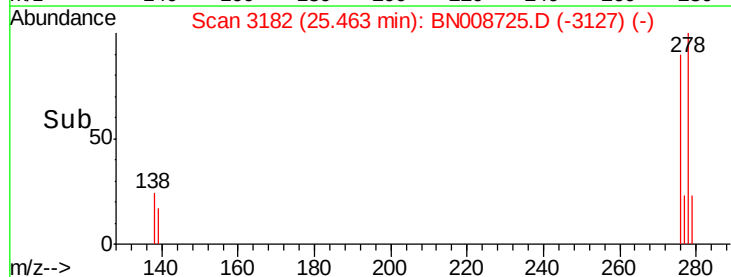
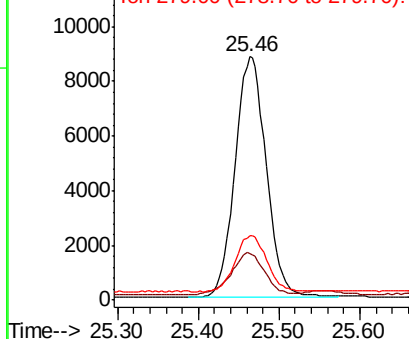
278 100

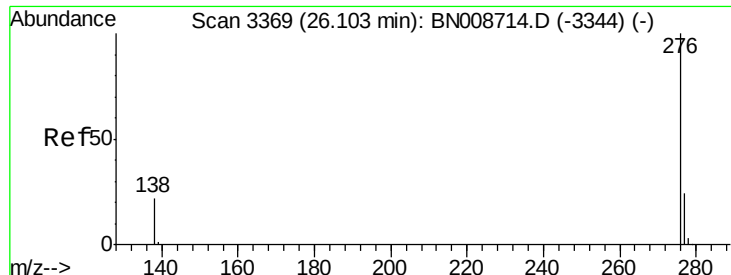
139 19.3 15.4 23.2

279 26.5 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: 0.391 ng

RT: 26.09 min Scan# 3366

Delta R.T. -0.01 min

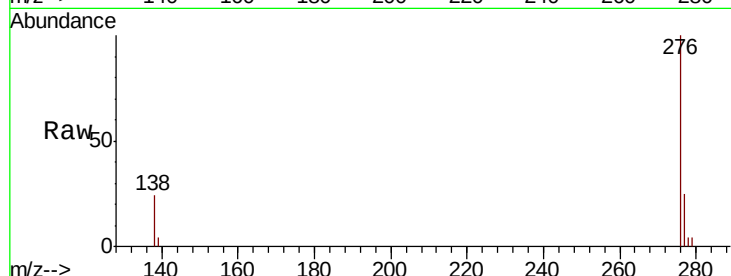
Lab File: BN008725.D

Acq: 23 Nov 2019 12:51

Instrument :

BNA_N

ClientSampleId :



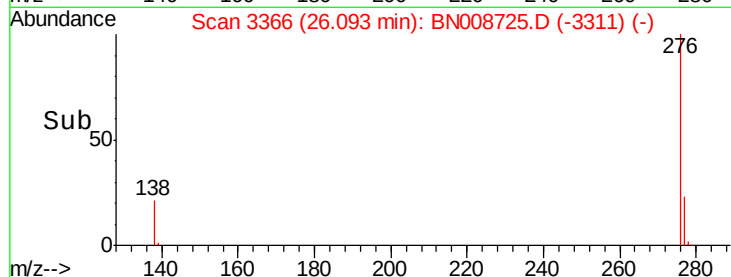
Tot Ion:276 Resp: 24678

Ion Ratio Lower Upper

276 100

277 24.8 20.4 30.6

138 23.7 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

