

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070219\
 Data File : BN006697.D
 Acq On : 02 Jul 2019 18:18
 Operator : HP/JU
 Sample : PB120849BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 03 04:49:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 02 17:43:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4588	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	17617	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	13628	0.40	ng	0.00
19) Phenanthrene-d10	17.03	188	40279	0.40	ng	0.00
27) Chrysene-d12	21.25	240	40383	0.40	ng	-0.01
34) Perylene-d12	23.48	264	41251	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	4529	0.36	ng	0.00
5) Phenol-d6	6.82	99	5971	0.38	ng	0.00
8) Nitrobenzene-d5	8.79	82	4961	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.00	152	10623	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	3531	0.53	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	16671	0.31	ng	0.00
25) Fluoranthene-d10	19.07	212	45970	0.40	ng	0.00
29) Terphenyl-d14	19.67	244	31496	0.34	ng	0.00

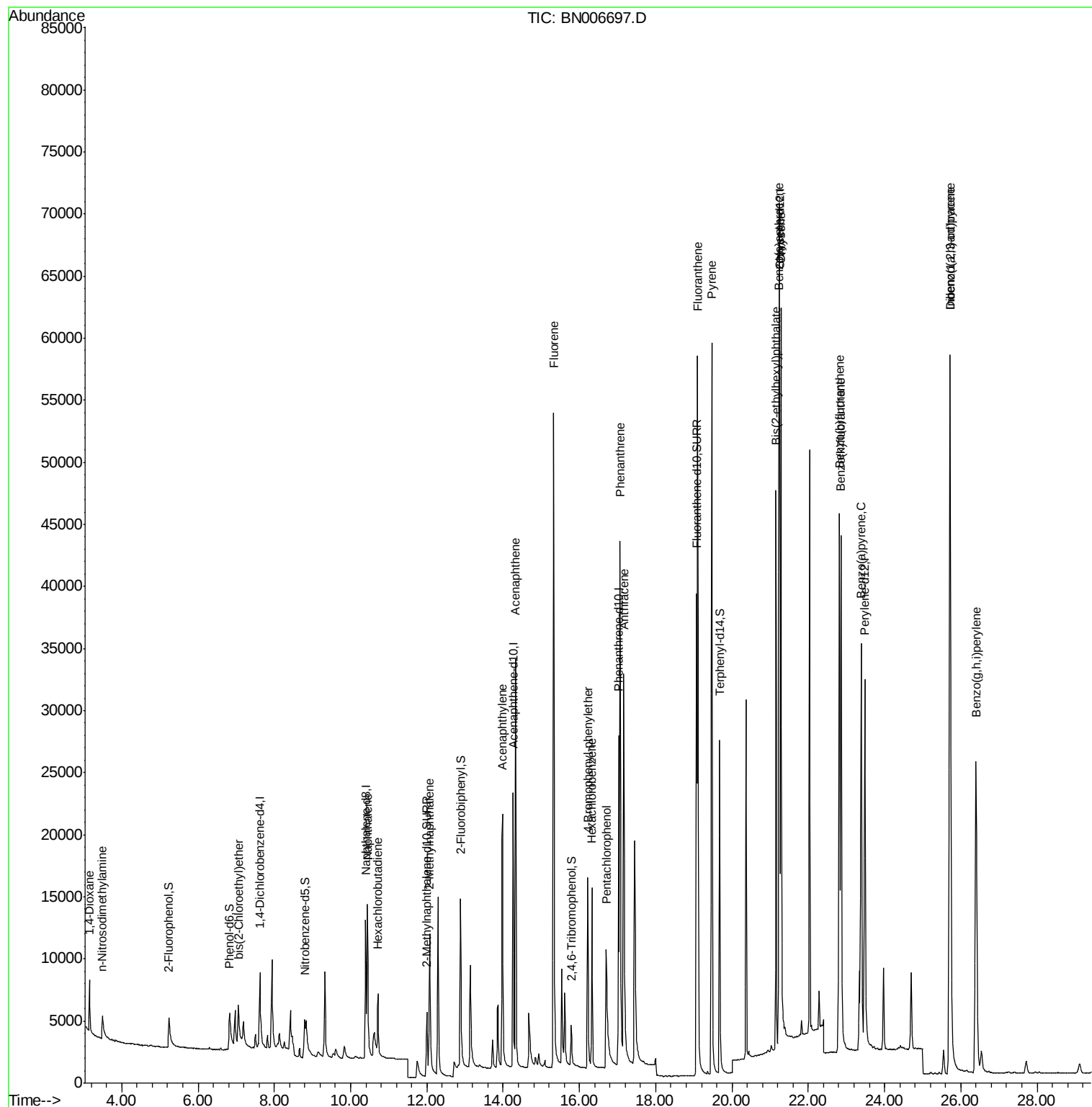
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	2684	0.374	ng	93
3) n-Nitrosodimethylamine	3.50	42	1962	0.363	ng	95
6) bis(2-Chloroethyl)ether	7.06	93	5586	0.419	ng	87
9) Naphthalene	10.44	128	19423	0.403	ng	100
10) Hexachlorobutadiene	10.72	225	3960	0.406	ng	# 99
12) 2-Methylnaphthalene	12.07	142	12467	0.364	ng	99
16) Acenaphthylene	13.99	152	26832	0.395	ng	100
17) Acenaphthene	14.32	154	18262	0.422	ng	99
18) Fluorene	15.32	166	28191	0.524	ng	100
20) 4-Bromophenyl-phenylether	16.22	248	9504	0.400	ng	94
21) Hexachlorobenzene	16.33	284	11399	0.404	ng	99
22) Pentachlorophenol	16.71	266	9211	1.932	ng	# 84
23) Phenanthrene	17.07	178	48073	0.414	ng	100
24) Anthracene	17.16	178	43188	0.412	ng	99
26) Fluoranthene	19.10	202	57966	0.425	ng	100
28) Pyrene	19.47	202	59502	0.368	ng	100
30) Benzo(a)anthracene	21.24	228	51178	0.367	ng	99
31) Chrysene	21.29	228	56109	0.391	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	39069	0.094	ng	99
33) Indeno(1,2,3-cd)pyrene	25.72	276	67594	0.394	ng	99
35) Benzo(b)fluoranthene	22.82	252	57017	0.431	ng	# 94
36) Benzo(k)fluoranthene	22.86	252	58148	0.405	ng	# 94
37) Benzo(a)pyrene	23.39	252	54930	0.428	ng	# 92
38) Dibenzo(a,h)anthracene	25.72	278	54063	0.424	ng	96
39) Benzo(g,h,i)perylene	26.40	276	55980	0.427	ng	96

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070219\
Data File : BN006697.D
Acq On : 02 Jul 2019 18:18
Operator : HP/JU
Sample : PB120849BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 03 04:49:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 02 17:43:33 2019
Response via : Initial Calibration



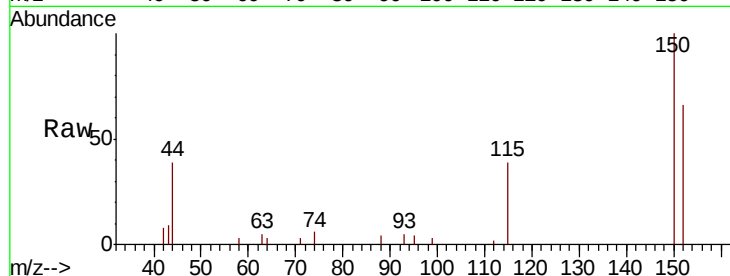


#1

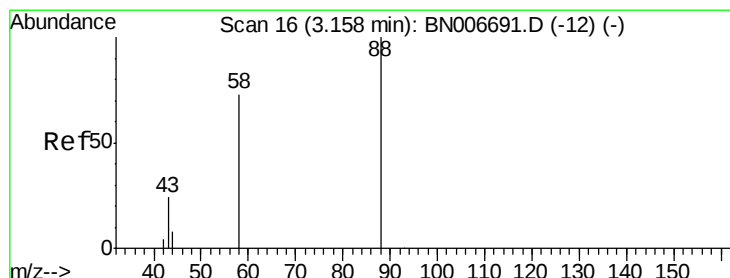
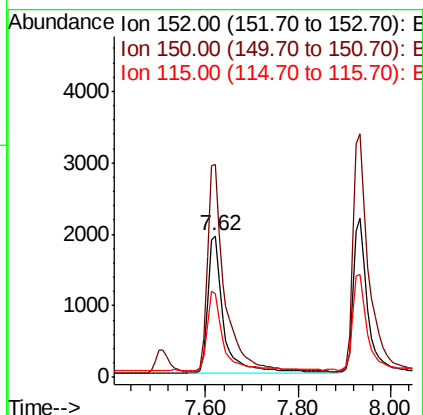
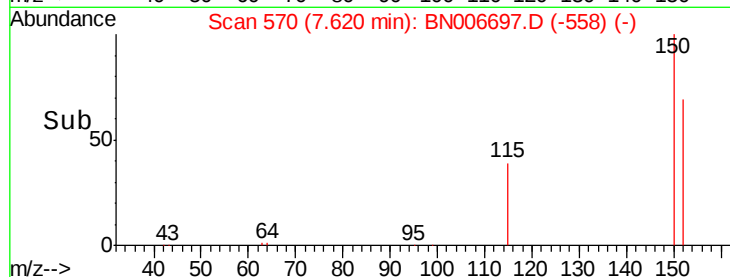
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. 0.00 min
Lab File: BN006697.D
Acq: 02 Jul 2019 18:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 152 Resp: 4588
Ion Ratio Lower Upper
152 100
150 150.5 120.6 181.0
115 59.4 51.0 76.6



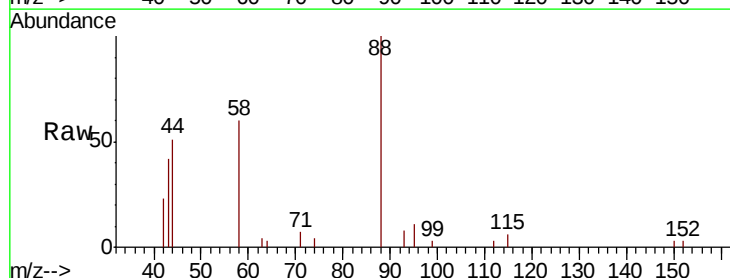
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



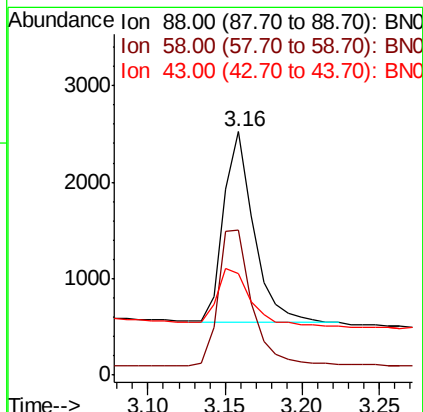
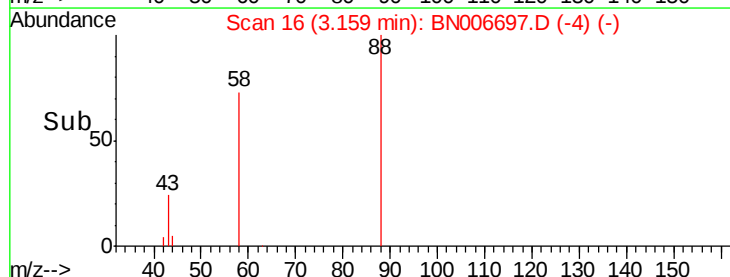
#2

1,4-Dioxane
Concen: 0.374 ng
RT: 3.16 min Scan# 16
Delta R.T. 0.00 min
Lab File: BN006697.D
Acq: 02 Jul 2019 18:18

Tgt Ion: 88 Resp: 2684
Ion Ratio Lower Upper
88 100
58 81.0 61.1 91.7
43 34.6 32.4 48.6



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.363 ng

RT: 3.50 min Scan# 58

Delta R.T. 0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

ClientSampled :

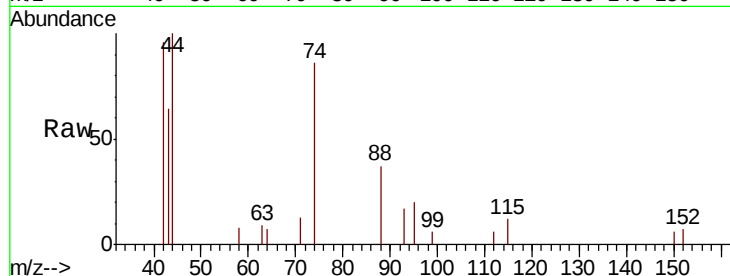
Tgt Ion: 42 Resp: 1962

Ion Ratio Lower Upper

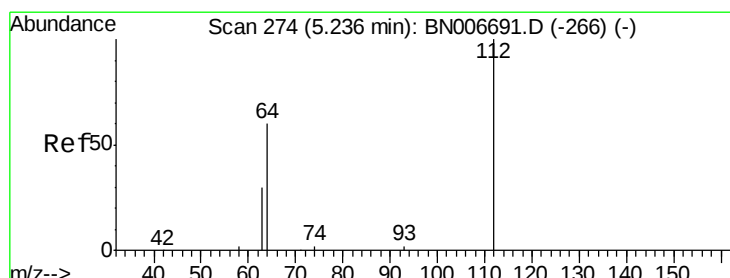
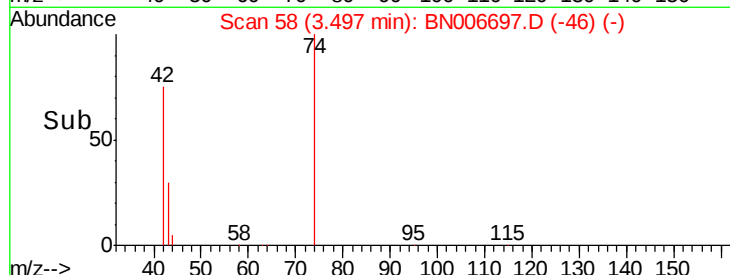
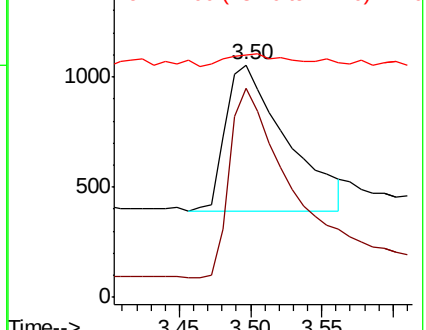
42 100

74 126.6 106.6 160.0

44 10.3 8.0 12.0



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: 0.364 ng

RT: 5.24 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

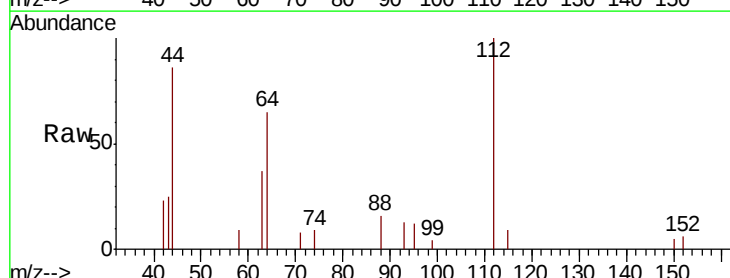
Tgt Ion: 112 Resp: 4529

Ion Ratio Lower Upper

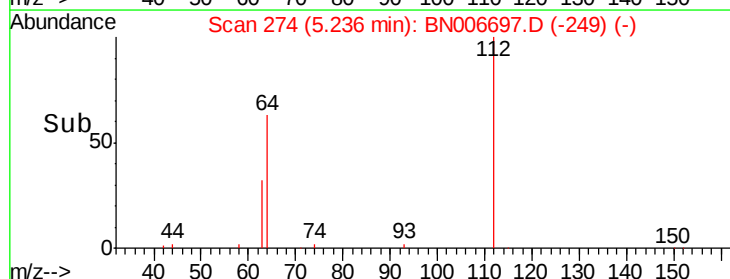
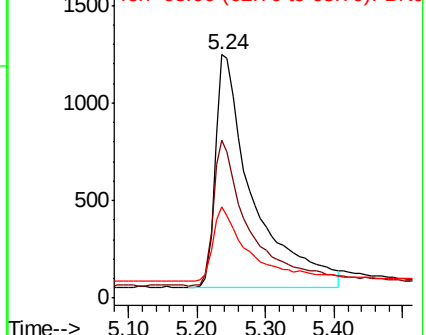
112 100

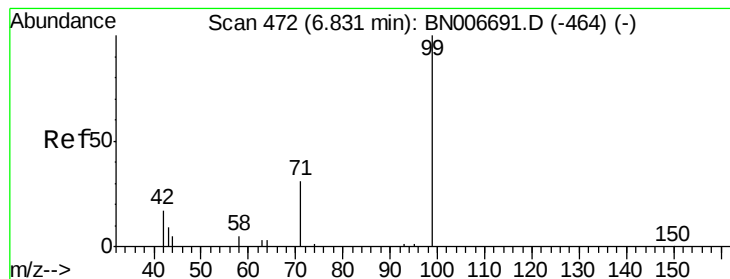
64 61.3 49.8 74.6

63 31.8 25.8 38.6



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: 0.379 ng

RT: 6.82 min Scan# 471

Delta R.T. -0.01 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

ClientSampleId :

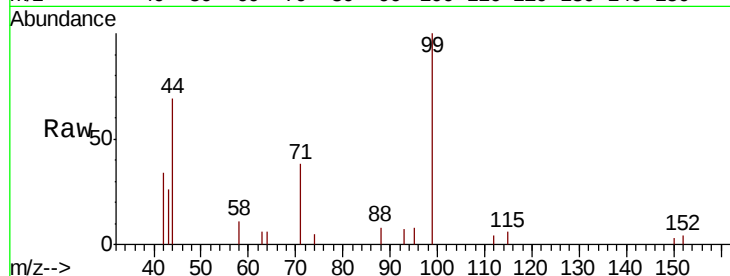
Tgt Ion: 99 Resp: 5971

Ion Ratio Lower Upper

99 100

42 19.2 16.6 25.0

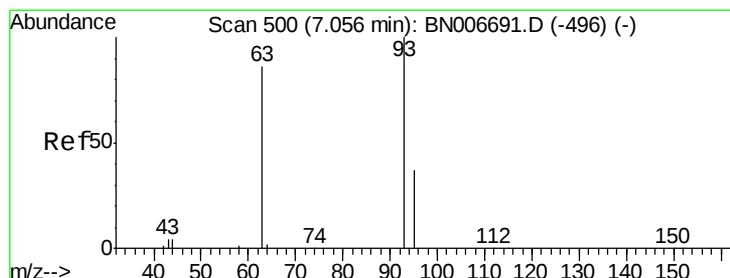
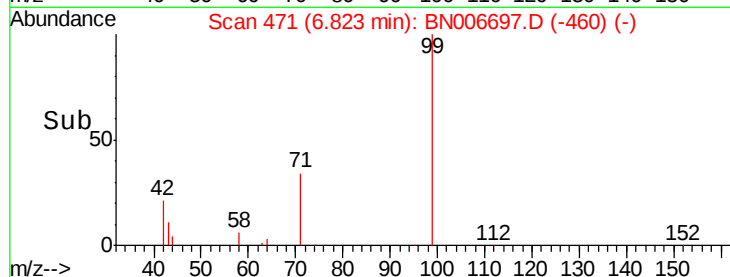
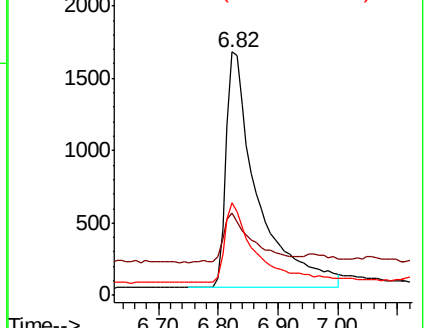
71 32.8 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006697.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006697.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006697.D (-460) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.419 ng

RT: 7.06 min Scan# 500

Delta R.T. 0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

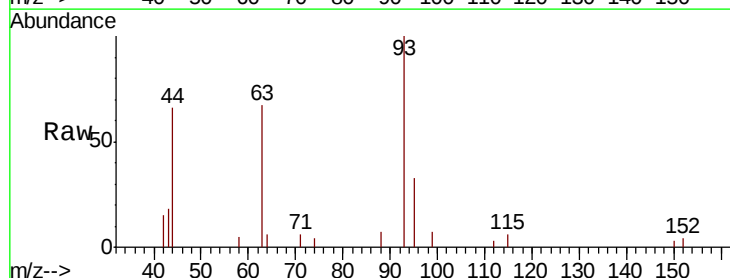
Tgt Ion: 93 Resp: 5586

Ion Ratio Lower Upper

93 100

63 61.3 58.6 87.8

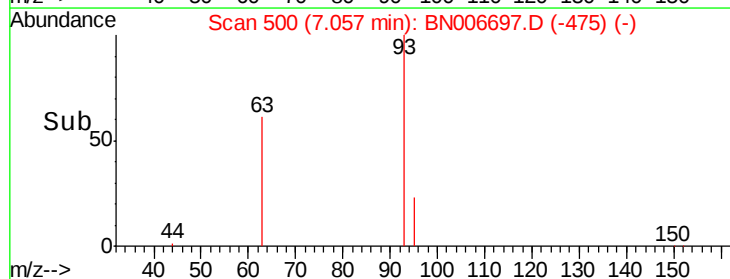
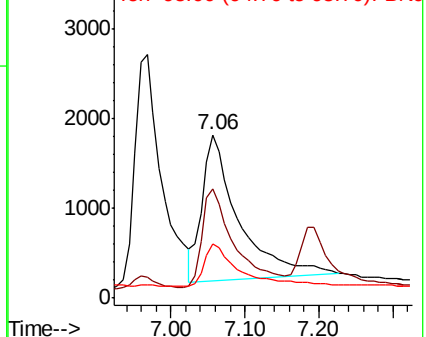
95 29.2 28.3 42.5

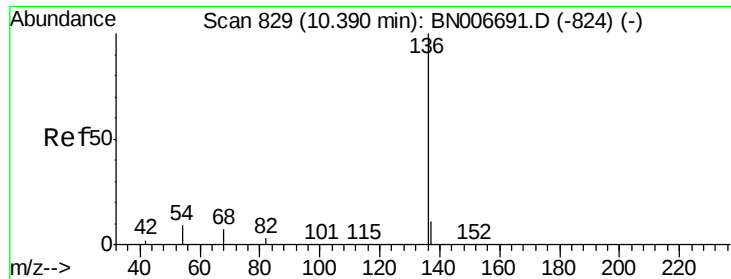


Abundance Ion 93.00 (92.70 to 93.70): BN006697.D (-475) (-)

Ion 63.00 (62.70 to 63.70): BN006697.D (-475) (-)

Ion 95.00 (94.70 to 95.70): BN006697.D (-475) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 829

Delta R.T. 0.00 min

Lab File: BN006697.D

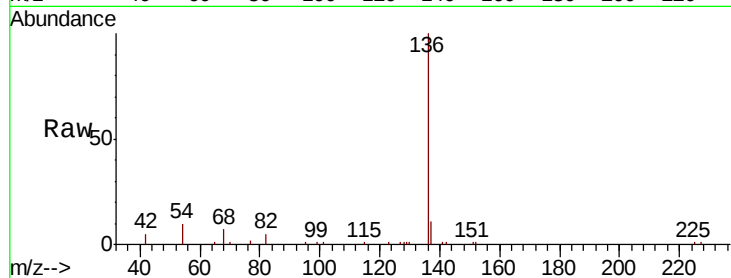
Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:136	Resp:	17617
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.3 13.9
54	9.6	8.4 12.6
68	7.5	6.8 10.2

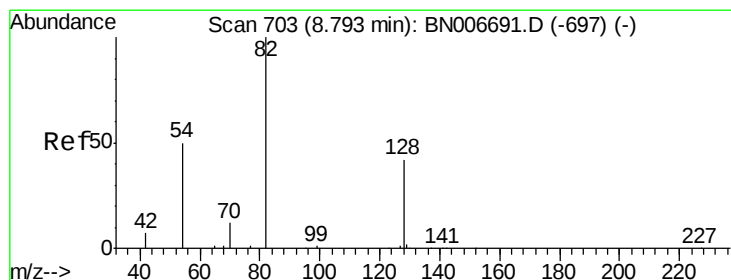
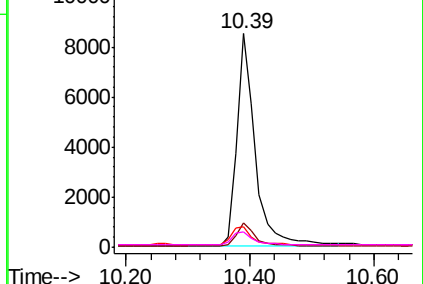
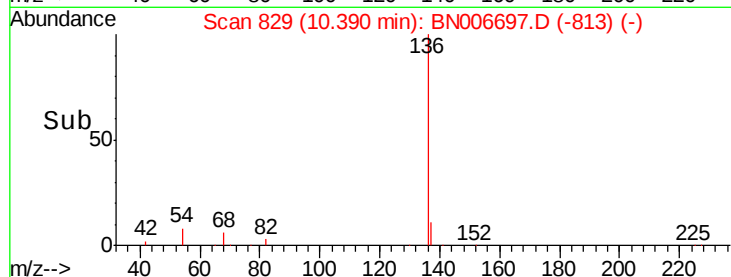


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.367 ng

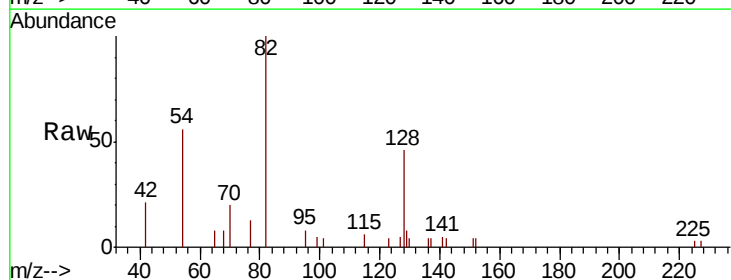
RT: 8.79 min Scan# 703

Delta R.T. 0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

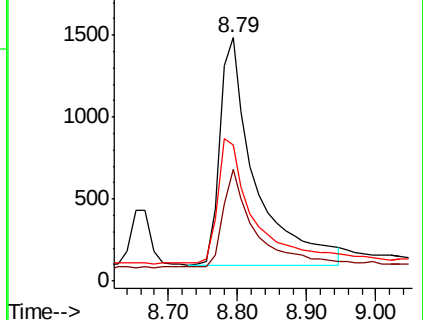
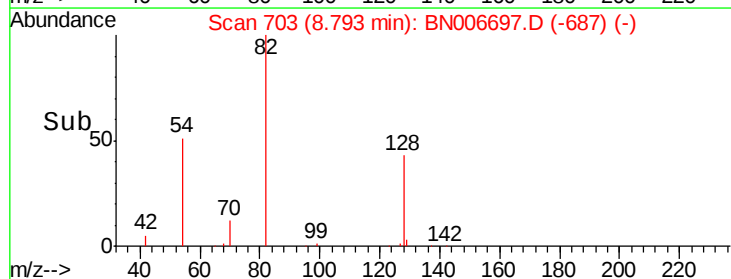
Tgt Ion: 82	Resp:	4961
Ion Ratio	Lower	Upper
82	100	
128	45.7	36.1 54.1
54	55.8	44.5 66.7



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: 0.403 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

ClientSampleId :

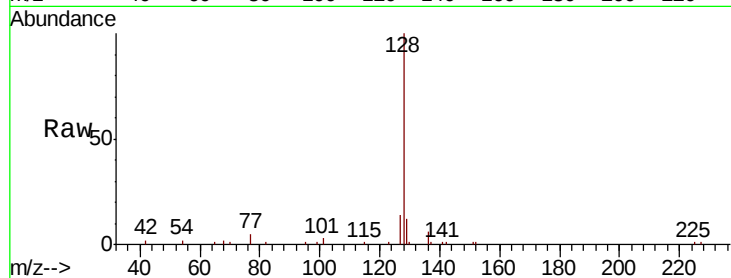
Tgt Ion:128 Resp: 19423

Ion Ratio Lower Upper

128 100

129 11.7 9.6 14.4

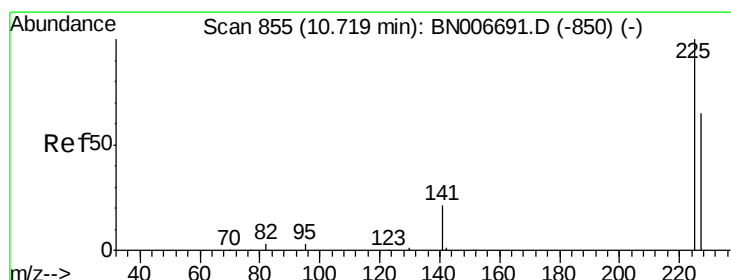
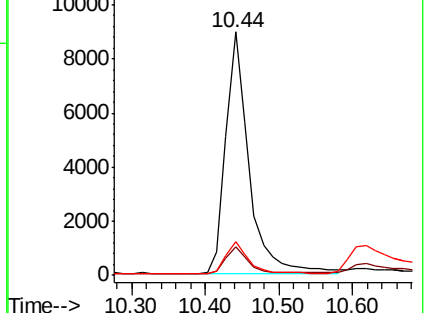
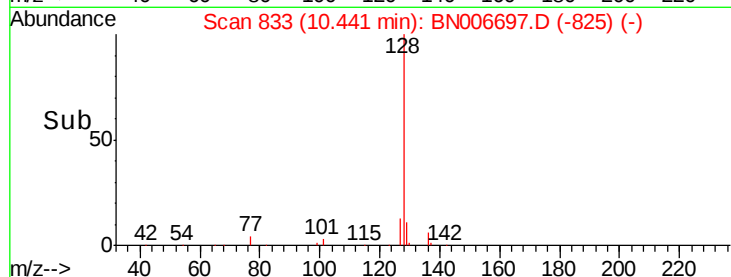
127 13.8 11.0 16.4



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: 0.406 ng

RT: 10.72 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

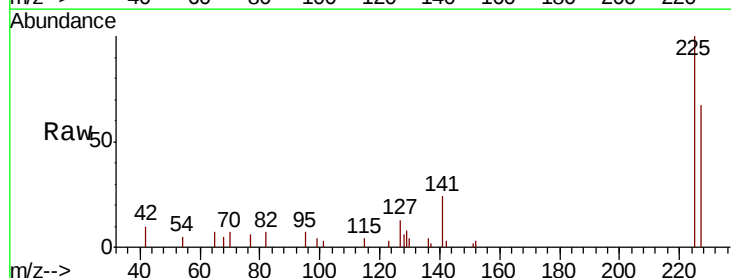
Tgt Ion:225 Resp: 3960

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

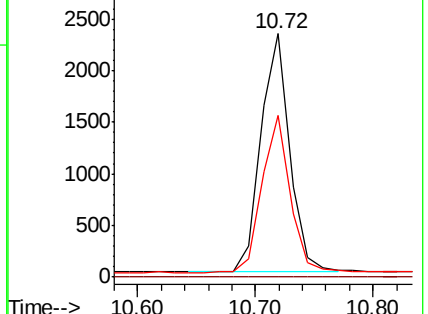
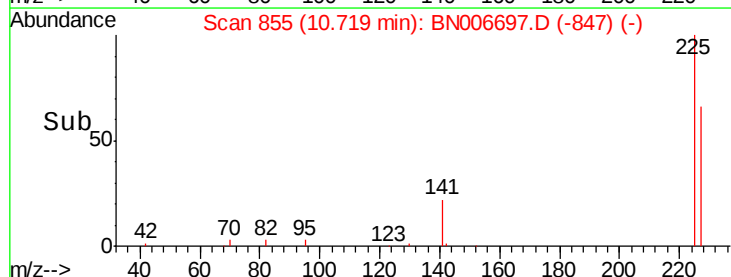
227 64.3 50.9 76.3

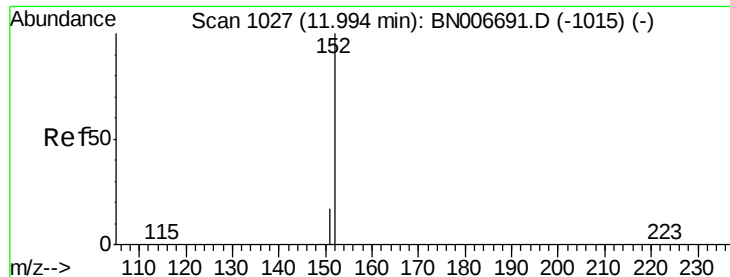


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

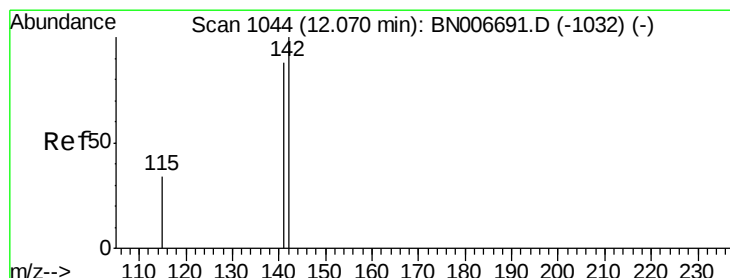
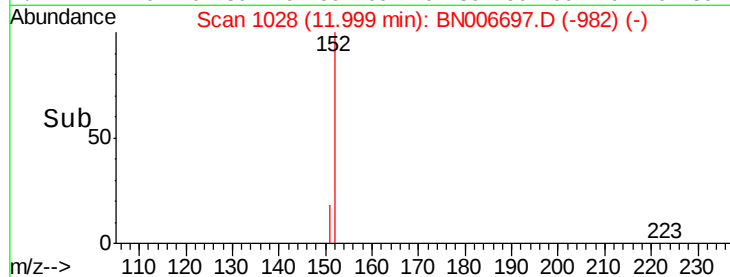
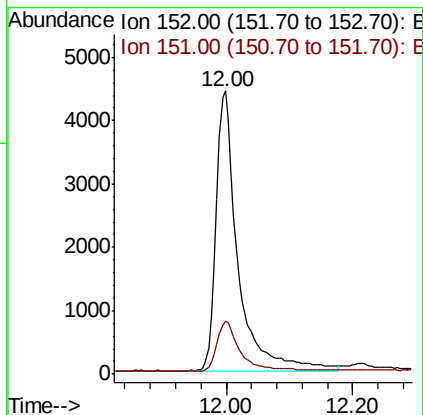
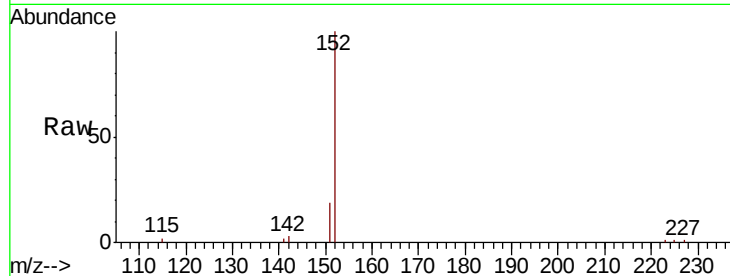




#11
 2-Methylnaphthalene-d10
 Concen: 0.401 ng
 RT: 12.00 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BN006697.D
 Acq: 02 Jul 2019 18:18

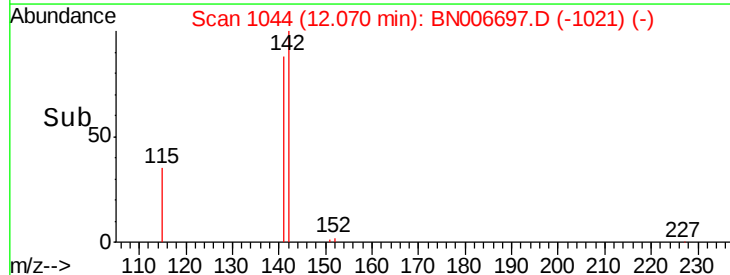
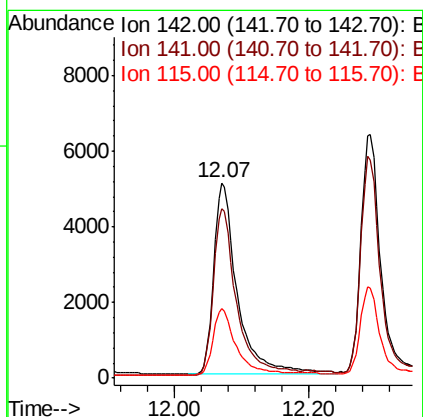
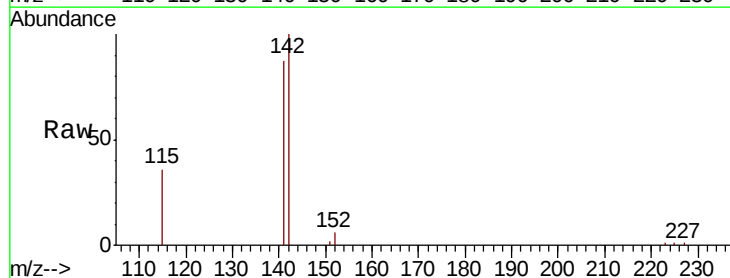
Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:152 Resp: 10623
 Ion Ratio Lower Upper
 152 100
 151 19.1 14.9 22.3



#12
 2-Methylnaphthalene
 Concen: 0.364 ng
 RT: 12.07 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BN006697.D
 Acq: 02 Jul 2019 18:18

Tgt Ion:142 Resp: 12467
 Ion Ratio Lower Upper
 142 100
 141 87.0 70.3 105.5
 115 35.9 28.9 43.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

ClientSampled :

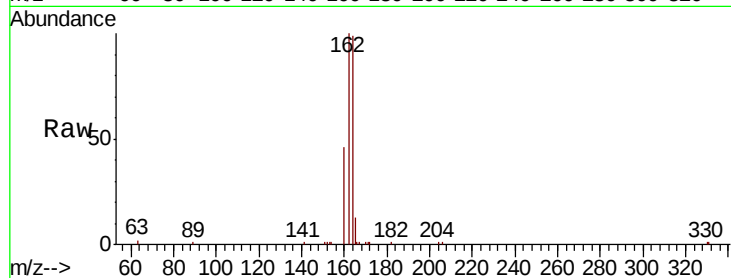
Tgt Ion:164 Resp: 13628

Ion Ratio Lower Upper

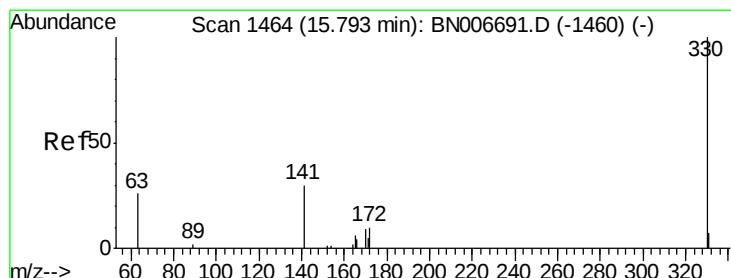
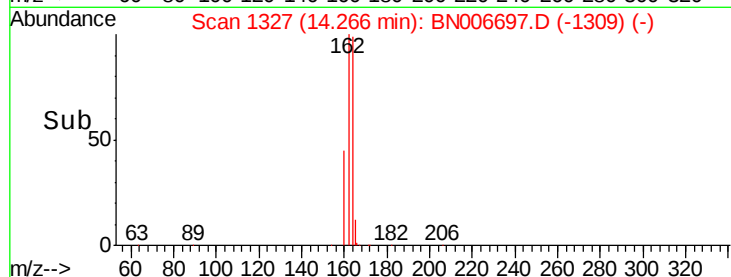
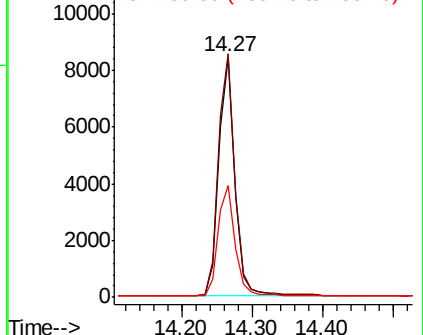
164 100

162 101.3 80.8 121.2

160 46.3 37.0 55.6



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: 0.527 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

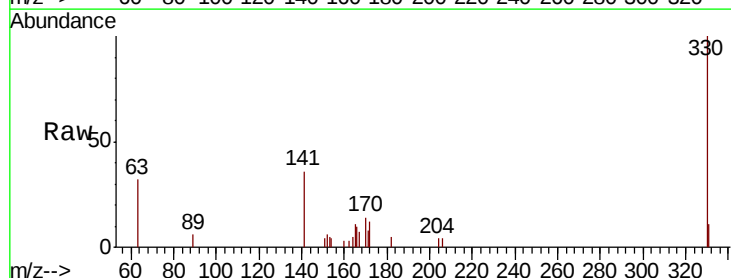
Tgt Ion:330 Resp: 3531

Ion Ratio Lower Upper

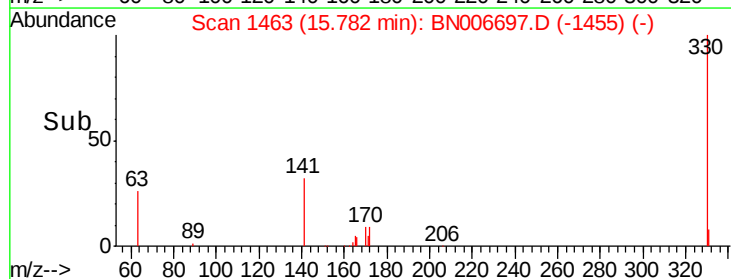
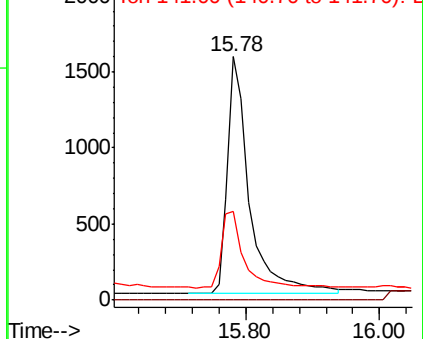
330 100

332 0.0 0.0 0.0

141 32.9 24.8 37.2



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

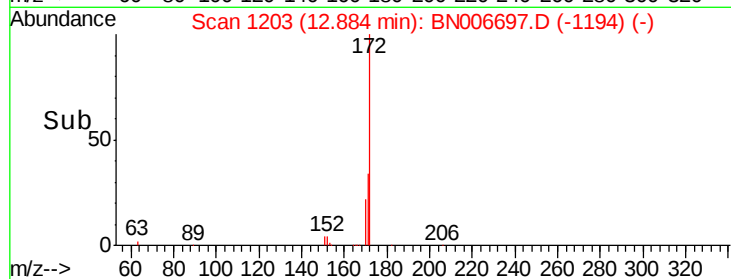
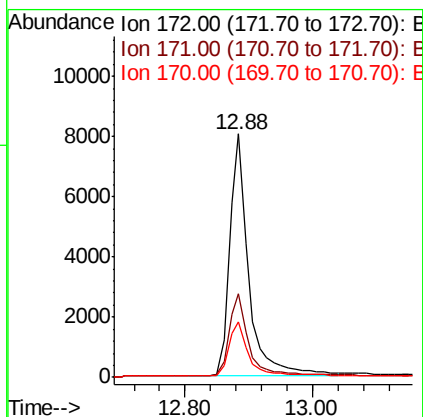
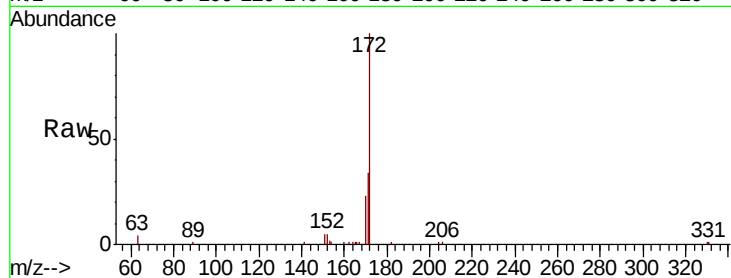




#15
 2-Fluorobiphenyl
 Concen: 0.313 ng
 RT: 12.88 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BN006697.D
 Acq: 02 Jul 2019 18:18

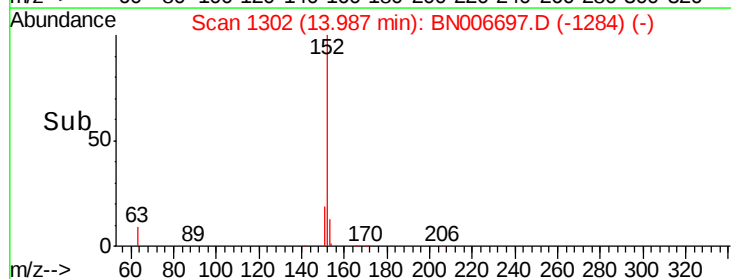
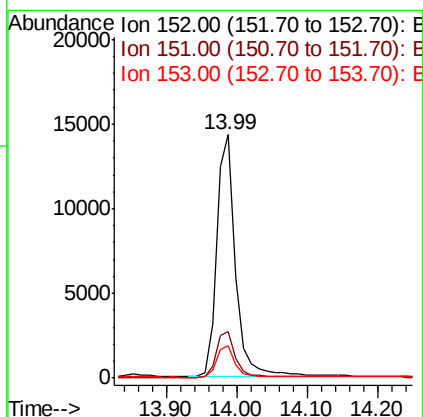
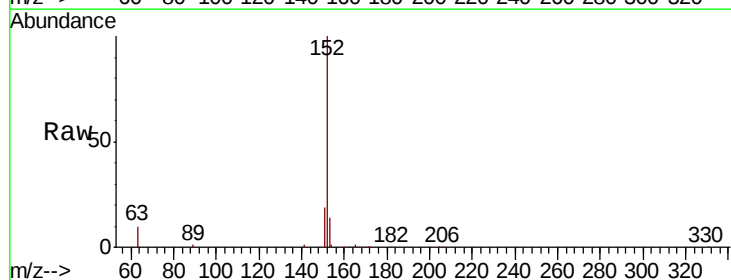
Instrument :
 BNA_N
 ClientSampled :

Tgt Ion:172 Resp: 16671
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.8 41.6
 170 22.8 18.9 28.3



#16
 Acenaphthylene
 Concen: 0.395 ng
 RT: 13.99 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BN006697.D
 Acq: 02 Jul 2019 18:18

Tgt Ion:152 Resp: 26832
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.7 23.5
 153 13.1 10.6 15.8

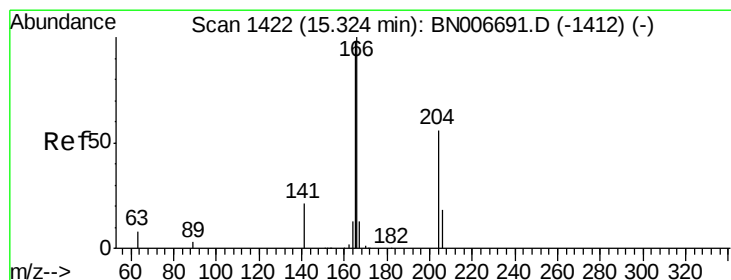
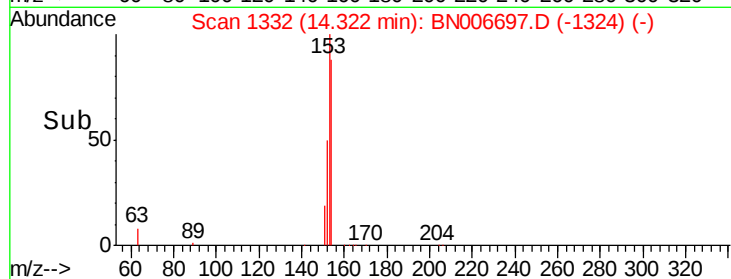
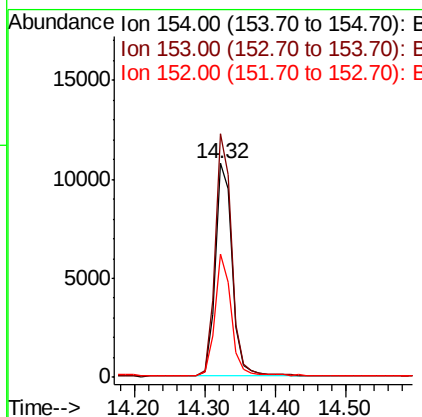
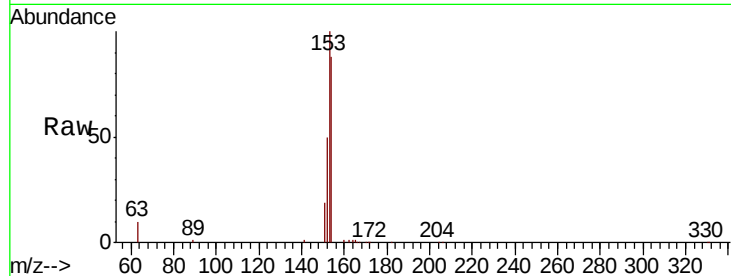




#17
Acenaphthene
Concen: 0.422 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BN006697.D
Acq: 02 Jul 2019 18:18

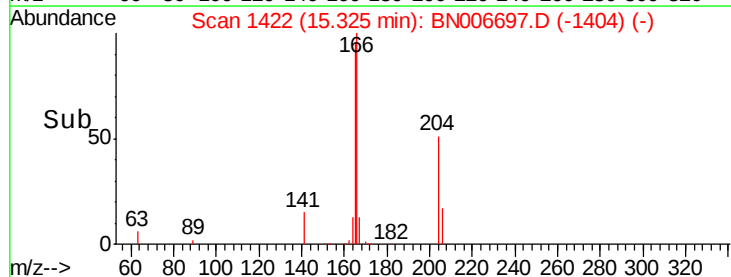
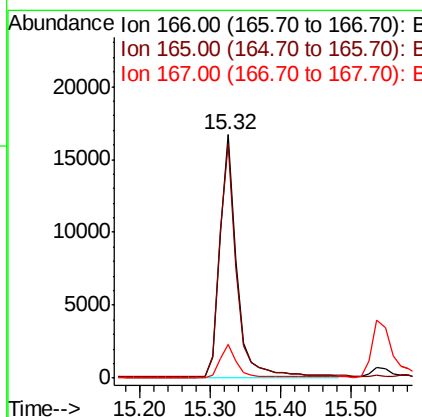
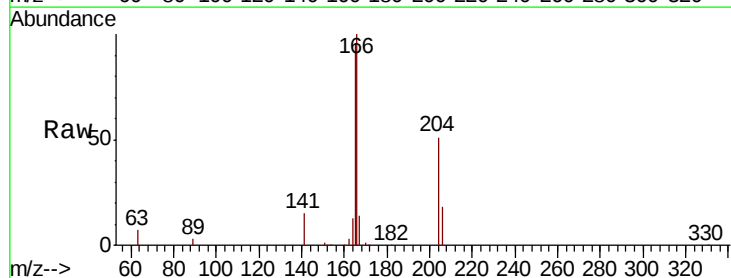
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 18262
Ion Ratio Lower Upper
154 100
153 112.3 88.9 133.3
152 54.7 42.8 64.2



#18
Fluorene
Concen: 0.524 ng
RT: 15.32 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BN006697.D
Acq: 02 Jul 2019 18:18

Tgt Ion:166 Resp: 28191
Ion Ratio Lower Upper
166 100
165 97.4 78.0 117.0
167 13.4 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.03 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

ClientSampleId :

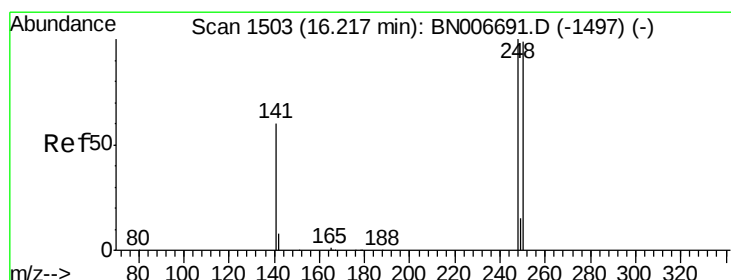
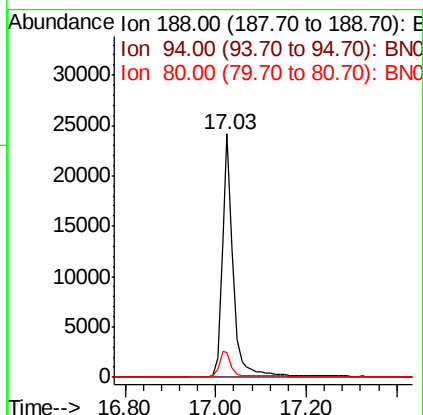
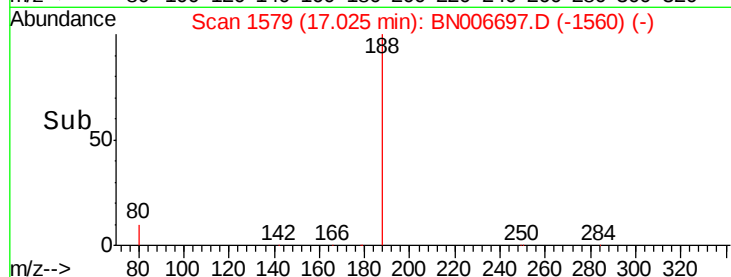
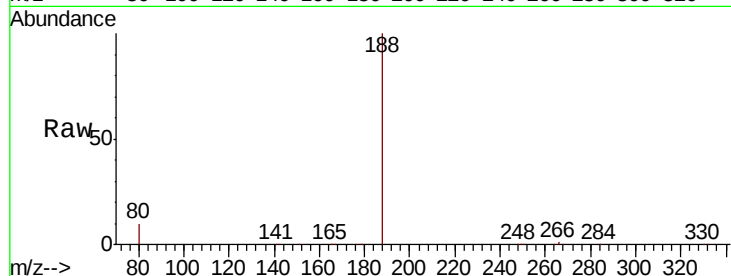
Tgt Ion:188 Resp: 40279

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.9 10.3 15.5#



#20

4-Bromophenyl-phenylether

Concen: 0.400 ng

RT: 16.22 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

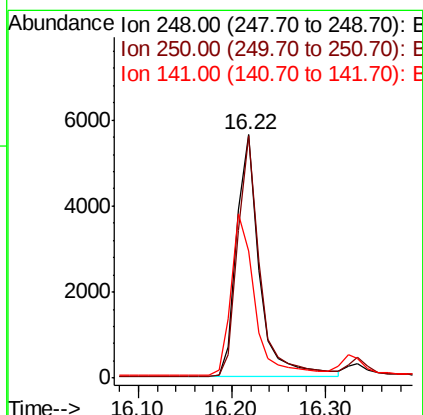
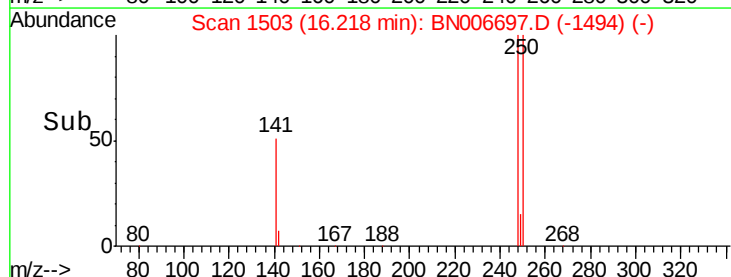
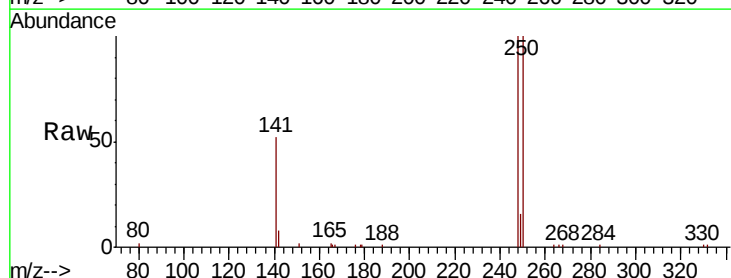
Tgt Ion:248 Resp: 9504

Ion Ratio Lower Upper

248 100

250 99.6 79.0 118.6

141 52.0 50.2 75.4

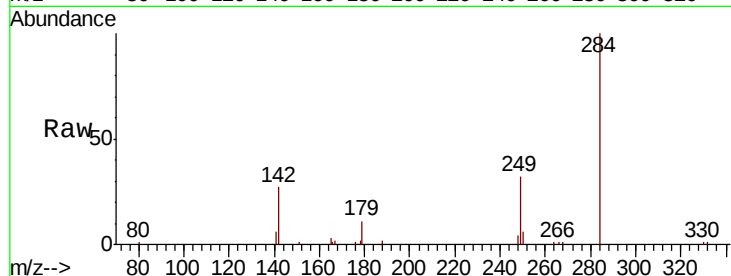




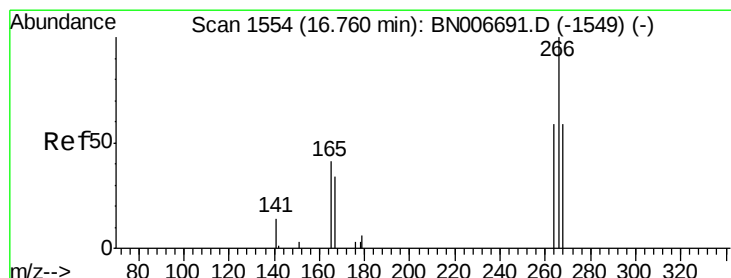
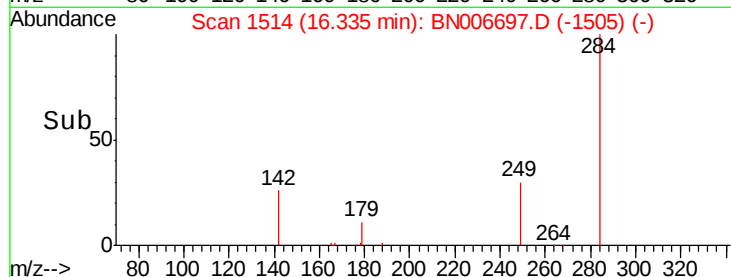
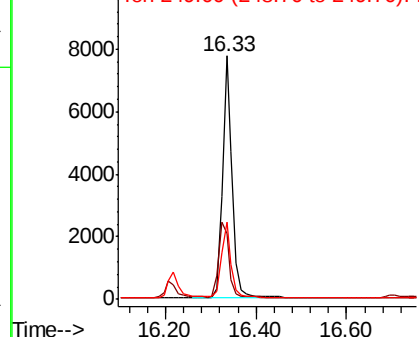
#21
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.33 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BN006697.D
Acq: 02 Jul 2019 18:18

Instrument :
BNA_N
ClientSampled :

Tgt Ion:284 Resp: 11399
Ion Ratio Lower Upper
284 100
142 34.0 26.9 40.3
249 31.0 24.4 36.6

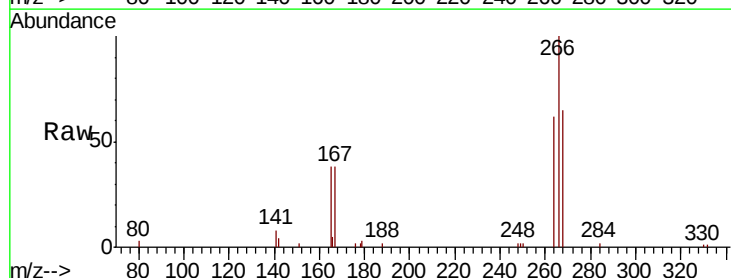


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

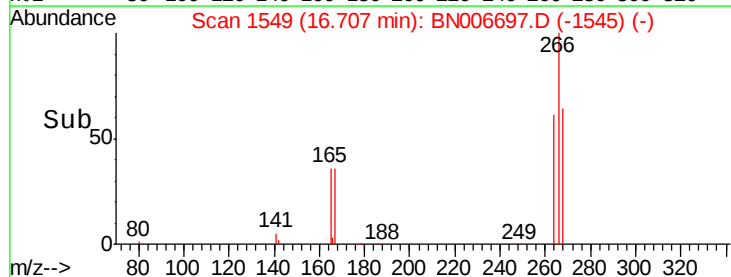
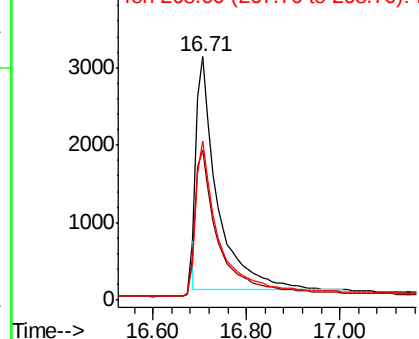


#22
Pentachlorophenol
Concen: 1.932 ng
RT: 16.71 min Scan# 1549
Delta R.T. -0.05 min
Lab File: BN006697.D
Acq: 02 Jul 2019 18:18

Tgt Ion:266 Resp: 9211
Ion Ratio Lower Upper
266 100
264 61.8 57.6 86.4
268 65.2 66.6 99.8#



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: 0.414 ng

RT: 17.07 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

ClientSampleId :

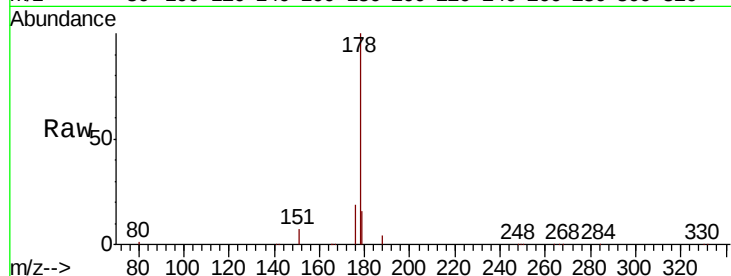
Tgt Ion:178 Resp: 48073

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

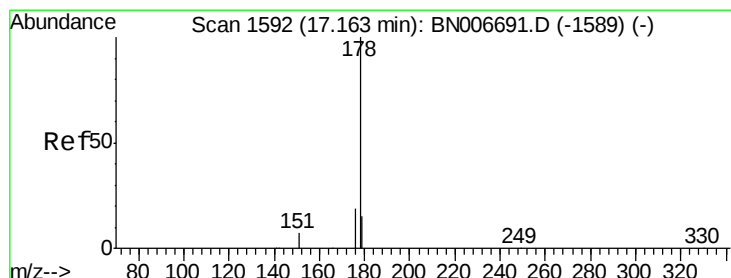
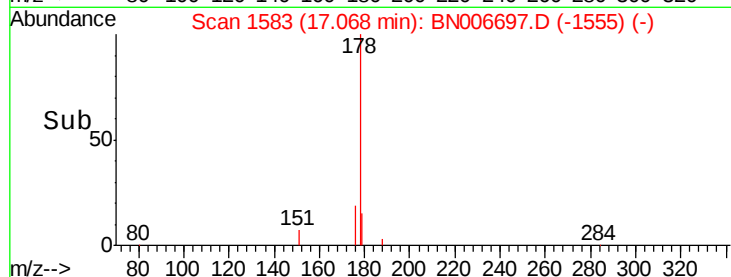
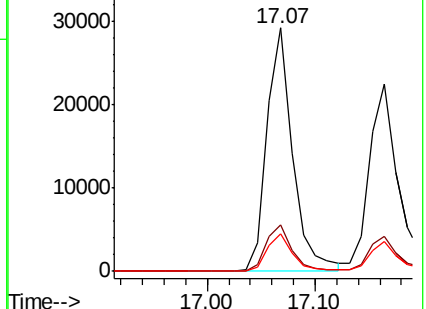
179 15.3 12.4 18.6



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: 0.412 ng

RT: 17.16 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

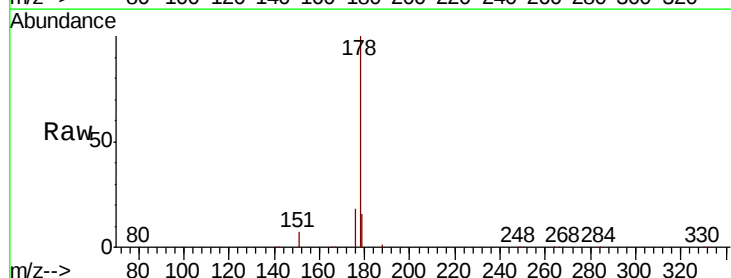
Tgt Ion:178 Resp: 43188

Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

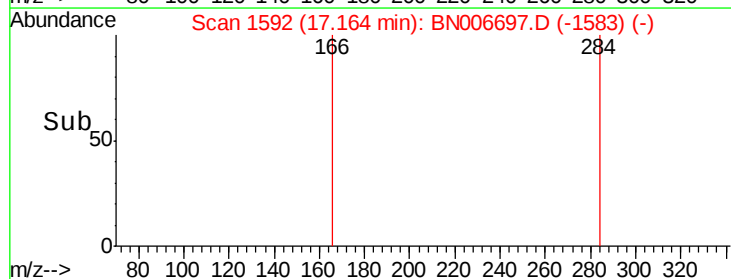
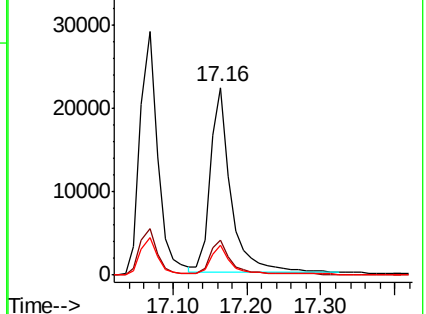
179 15.2 11.9 17.9

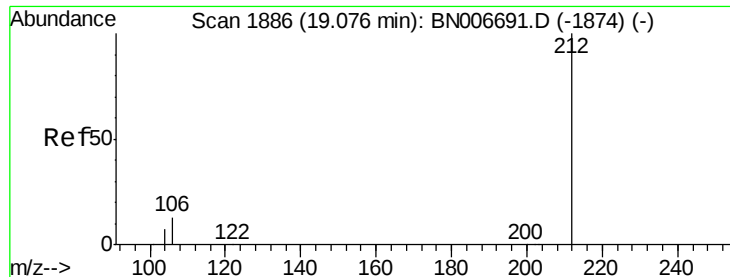


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

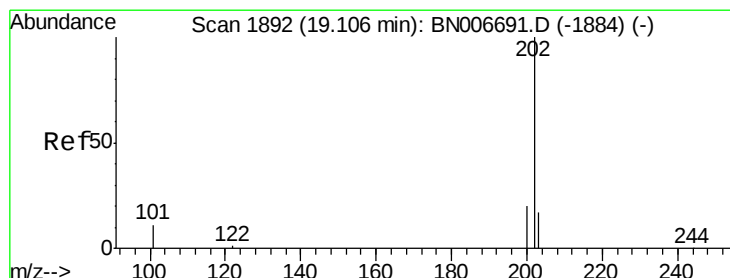
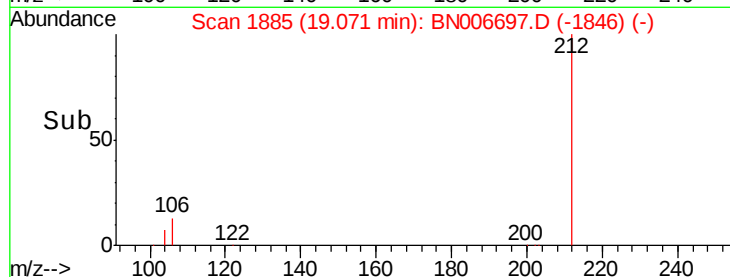
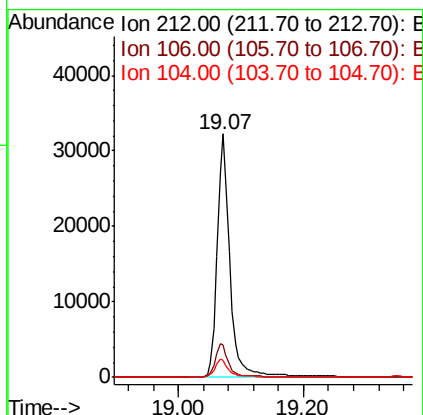
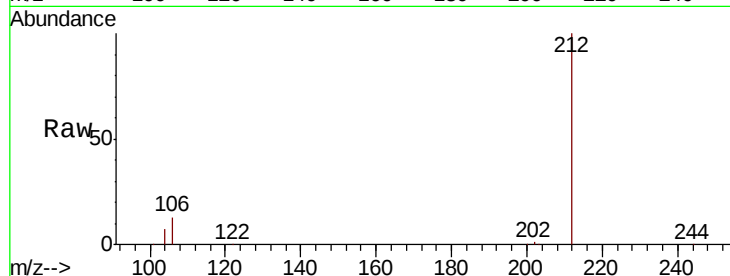




#25
 Fluoranthene-d10
 Concen: 0.399 ng
 RT: 19.07 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: BN006697.D
 Acq: 02 Jul 2019 18:18

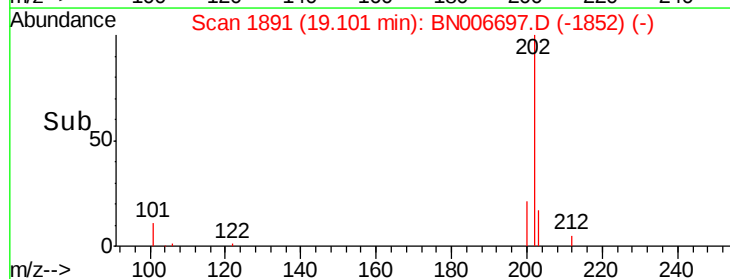
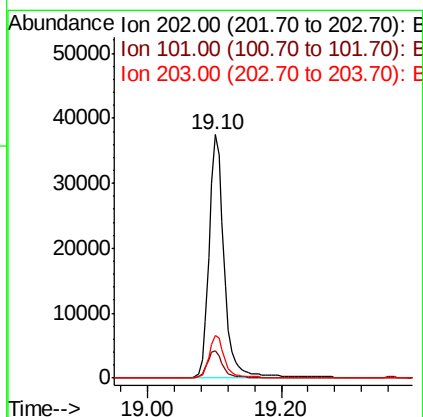
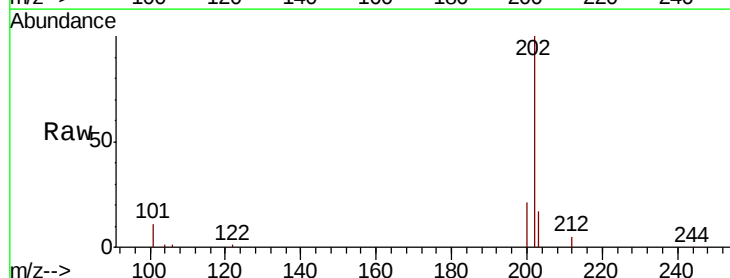
Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:212 Resp: 45970
 Ion Ratio Lower Upper
 212 100
 106 13.9 11.0 16.6
 104 7.4 6.1 9.1



#26
 Fluoranthene
 Concen: 0.425 ng
 RT: 19.10 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: BN006697.D
 Acq: 02 Jul 2019 18:18

Tgt Ion:202 Resp: 57966
 Ion Ratio Lower Upper
 202 100
 101 11.0 8.7 13.1
 203 17.1 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.25 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

ClientSampled :

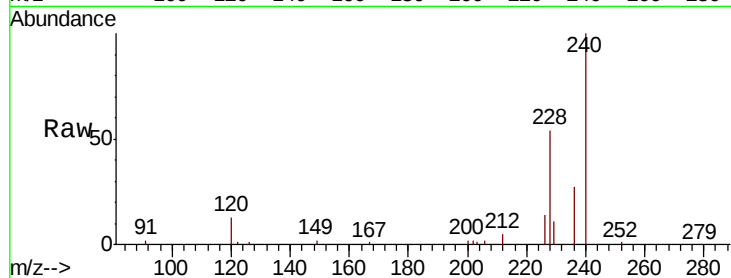
Tgt Ion:240 Resp: 40383

Ion Ratio Lower Upper

240 100

120 12.7 12.9 19.3#

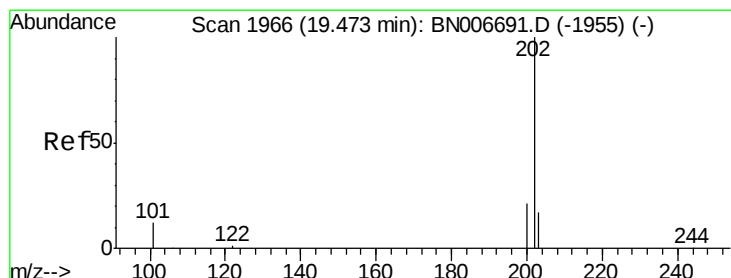
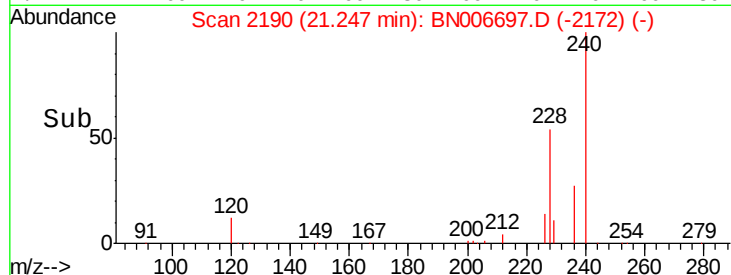
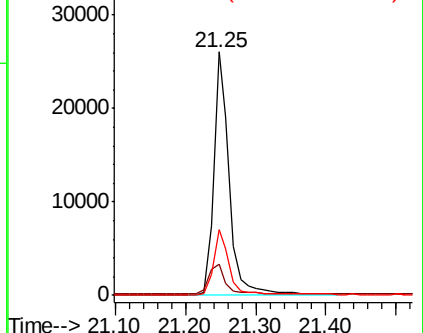
236 27.1 23.2 34.8



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: 0.368 ng

RT: 19.47 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

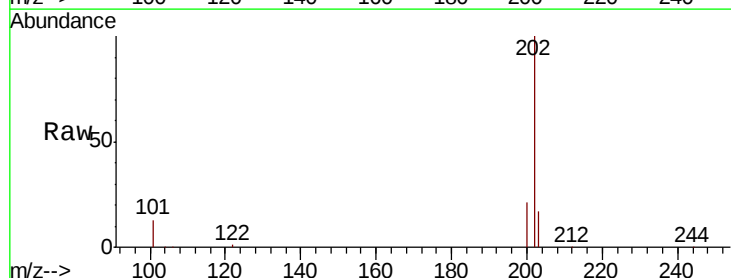
Tgt Ion:202 Resp: 59502

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

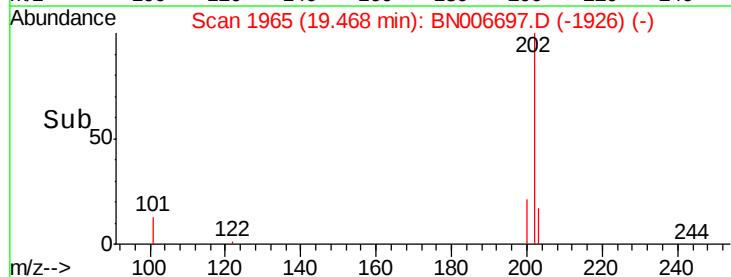
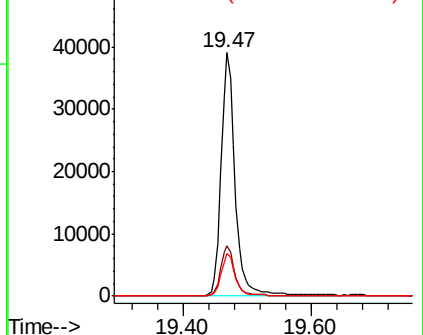
203 17.5 14.2 21.2



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: 0.339 ng

RT: 19.67 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

ClientSampleId :

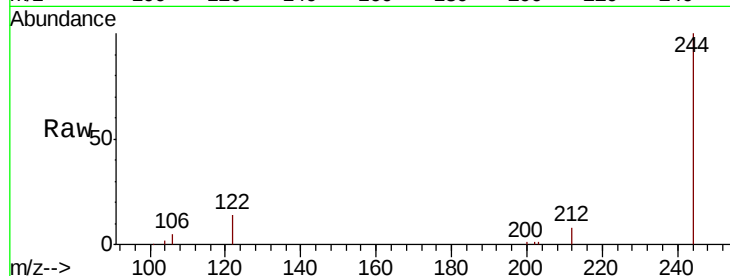
Tgt Ion:244 Resp: 31496

Ion Ratio Lower Upper

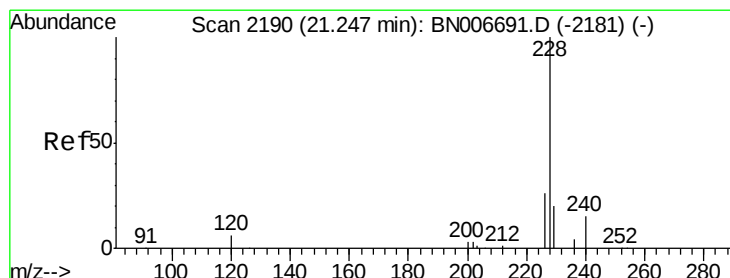
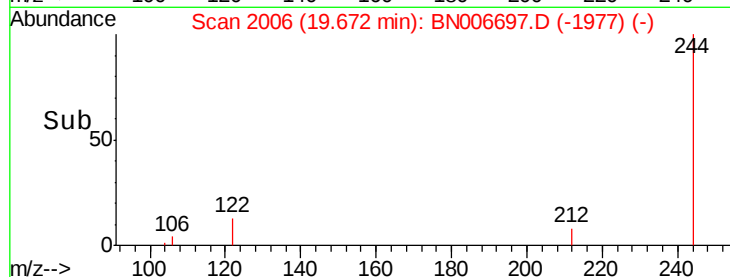
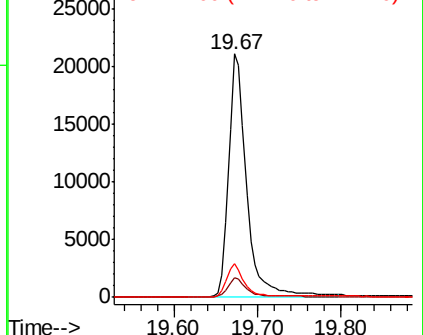
244 100

212 8.2 7.0 10.4

122 13.6 11.5 17.3



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: 0.367 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

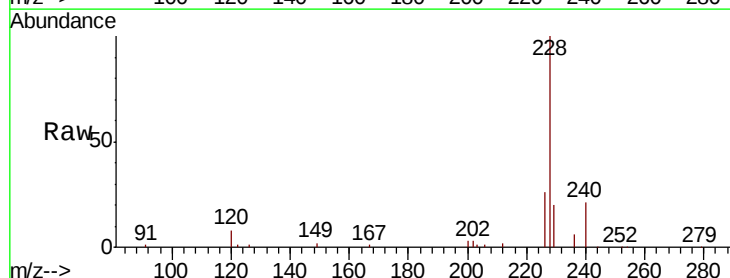
Tgt Ion:228 Resp: 51178

Ion Ratio Lower Upper

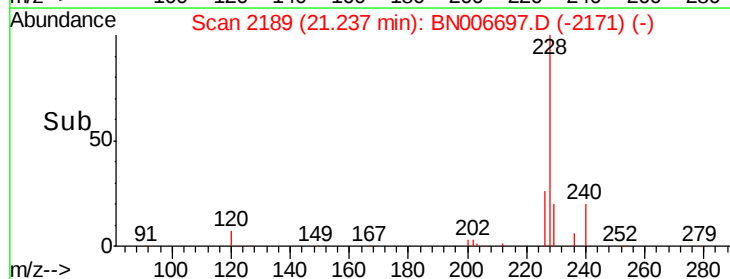
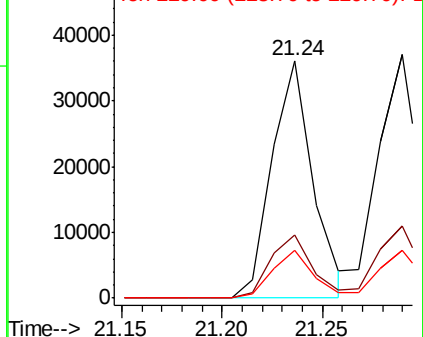
228 100

226 26.4 21.5 32.3

229 20.0 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: 0.391 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

ClientSampleId :

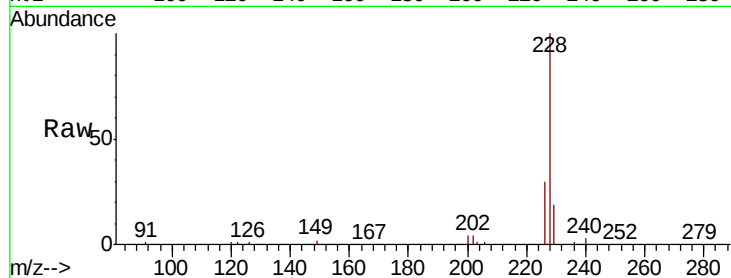
Tgt Ion:228 Resp: 56109

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

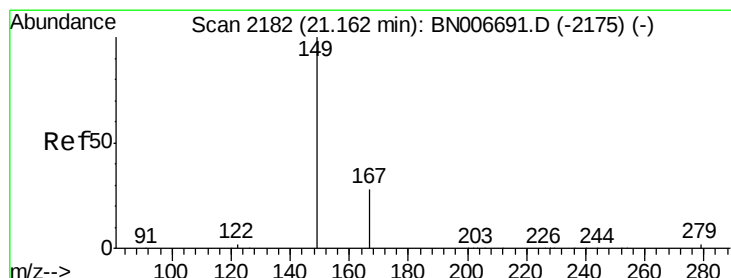
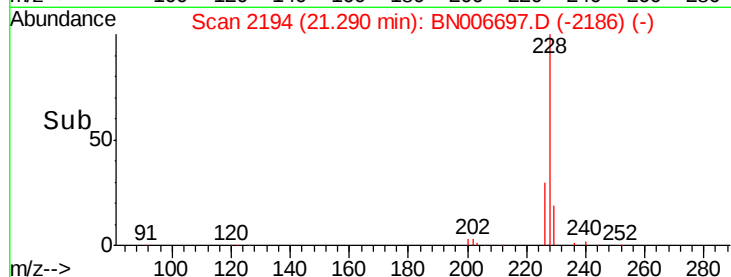
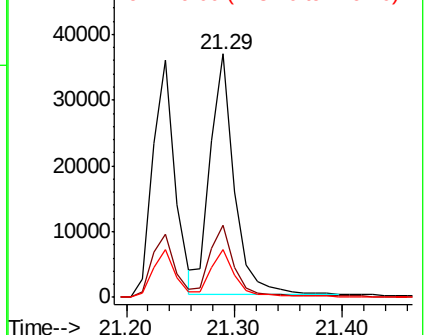
229 19.5 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.094 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

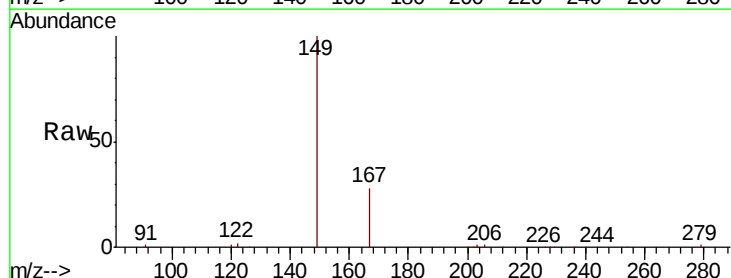
Tgt Ion:149 Resp: 39069

Ion Ratio Lower Upper

149 100

167 29.0 22.9 34.3

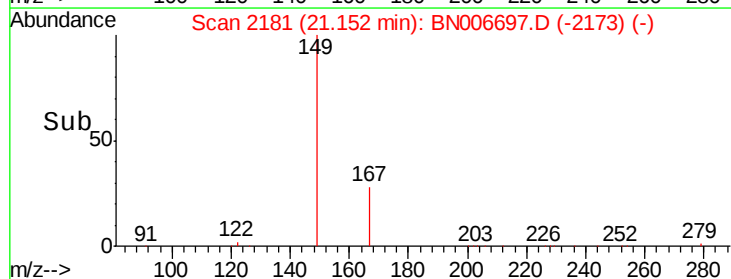
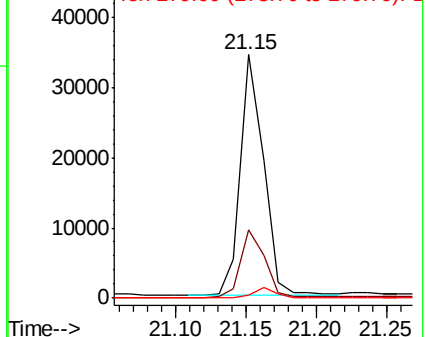
279 4.1 3.2 4.8



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: 0.394 ng

RT: 25.72 min Scan# 3267

Delta R.T. -0.03 min

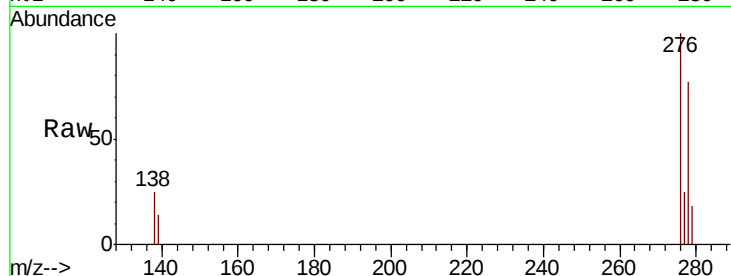
Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

ClientSampleId :



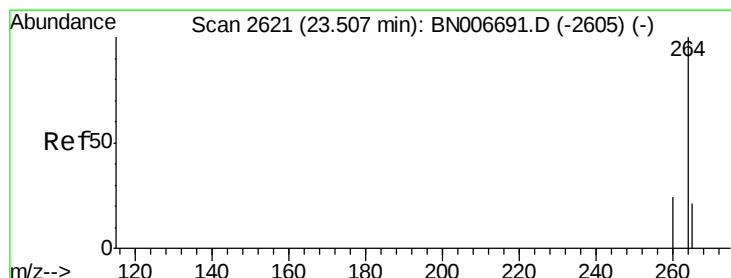
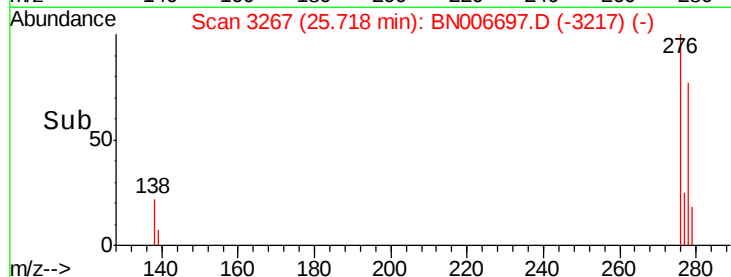
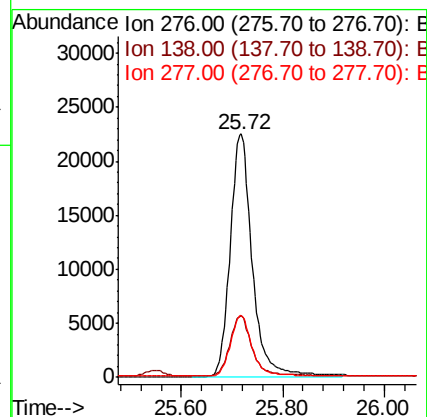
Tgt Ion:276 Resp: 67594

Ion Ratio Lower Upper

276 100

138 24.7 19.5 29.3

277 24.8 19.7 29.5



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.48 min Scan# 2614

Delta R.T. -0.02 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

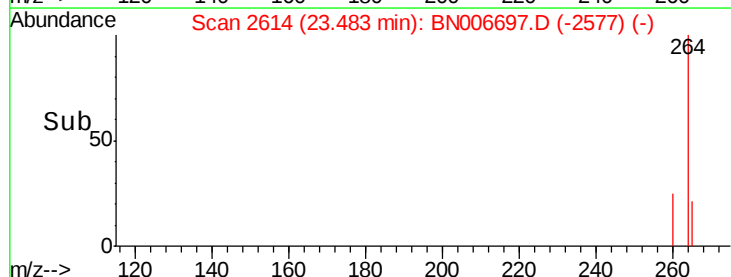
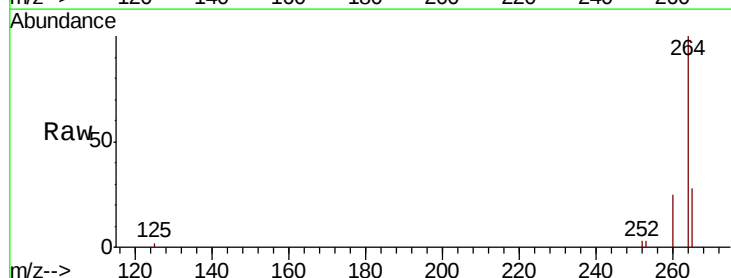
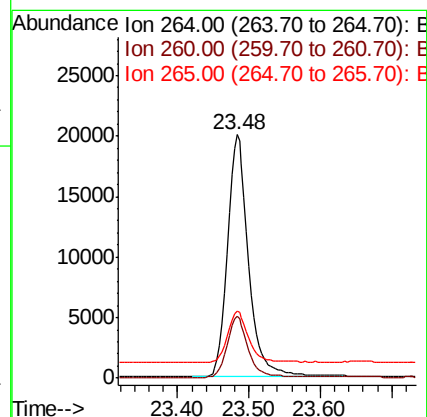
Tgt Ion:264 Resp: 41251

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

265 27.6 33.7 50.5#





#35

Benzo(b)fluoranthene

Concen: 0.431 ng

RT: 22.82 min Scan# 2419

Delta R.T. -0.02 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

ClientSampleId :

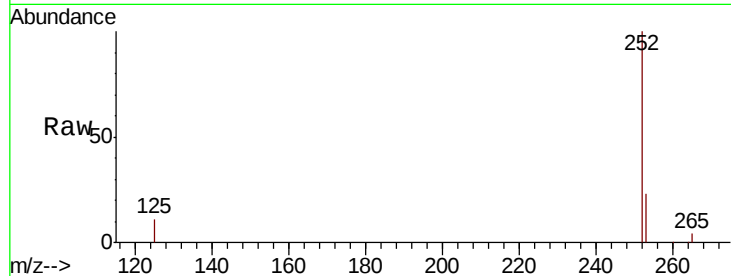
Tgt Ion:252 Resp: 57017

Ion Ratio Lower Upper

252 100

253 22.9 20.2 30.2

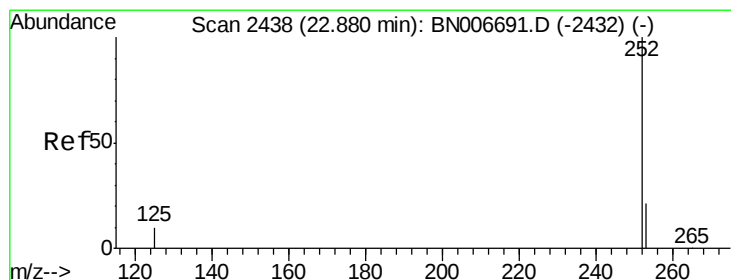
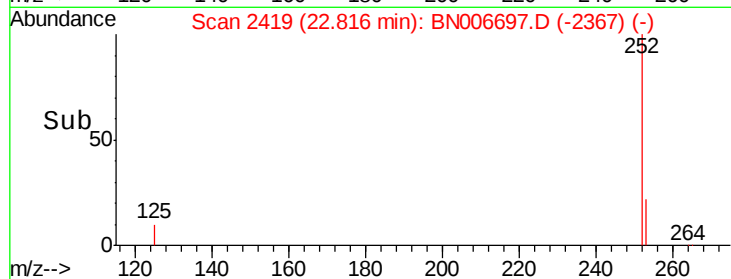
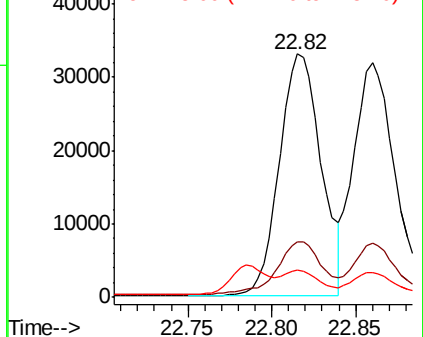
125 11.1 11.5 17.3#



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: 0.405 ng

RT: 22.86 min Scan# 2432

Delta R.T. -0.02 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

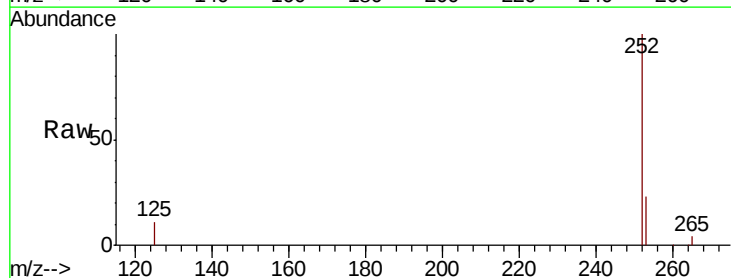
Tgt Ion:252 Resp: 58148

Ion Ratio Lower Upper

252 100

253 22.9 20.1 30.1

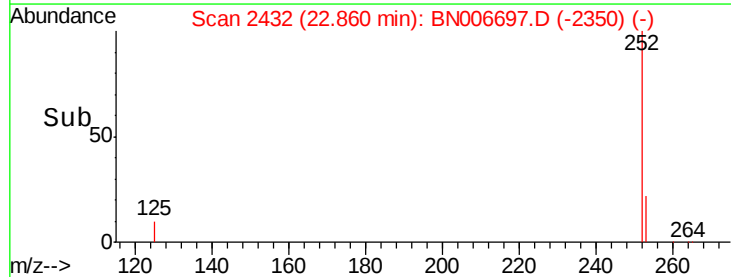
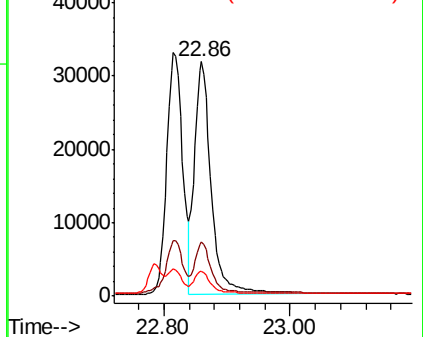
125 10.7 11.4 17.0#

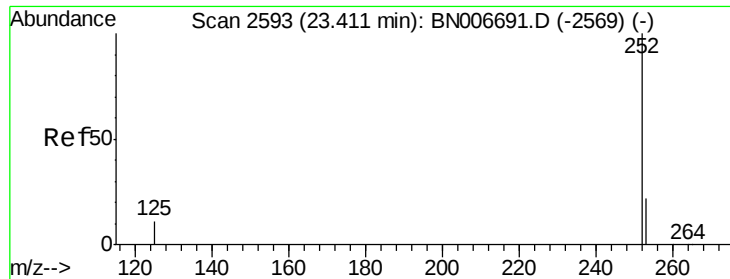


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.428 ng

RT: 23.39 min Scan# 2586

Delta R.T. -0.02 min

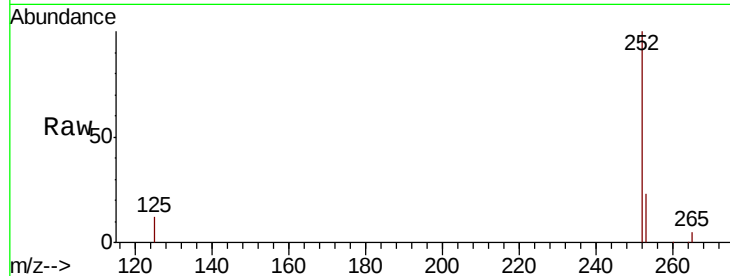
Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

ClientSampleId :



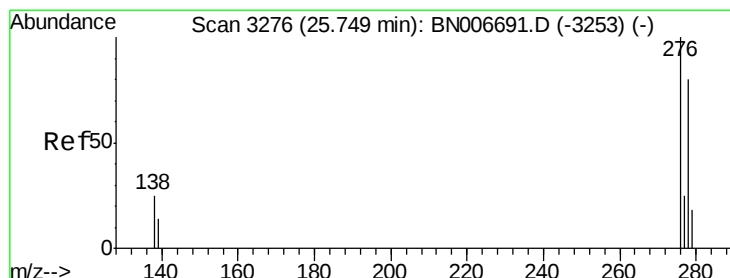
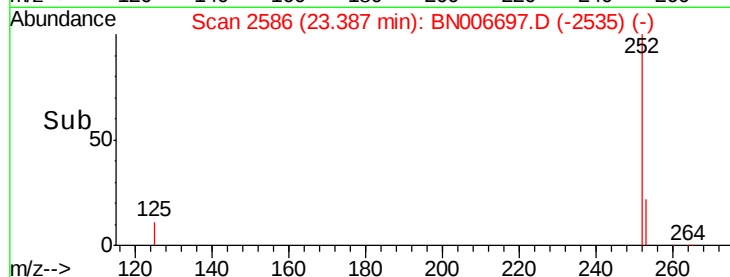
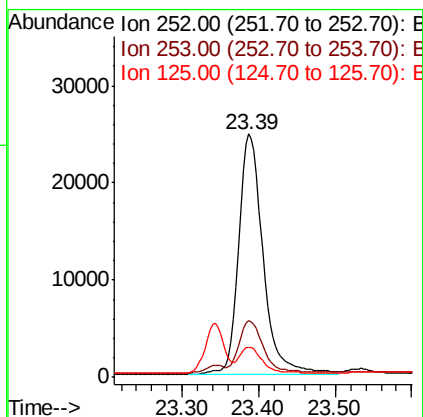
Tgt Ion:252 Resp: 54930

Ion Ratio Lower Upper

252 100

253 23.2 21.4 32.2

125 12.3 13.3 19.9#



#38

Dibenzo(a,h)anthracene

Concen: 0.424 ng

RT: 25.72 min Scan# 3268

Delta R.T. -0.03 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

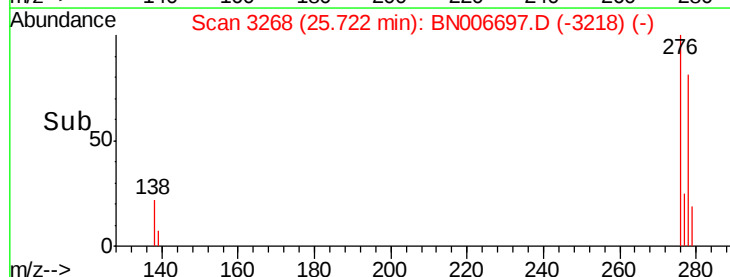
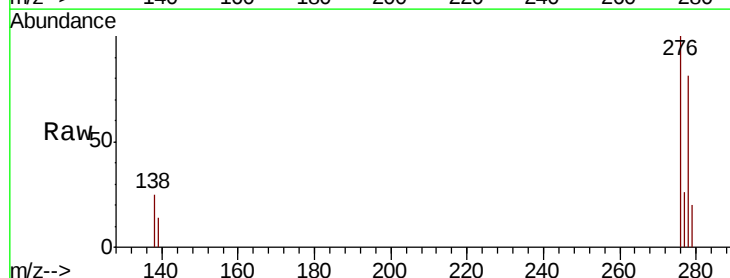
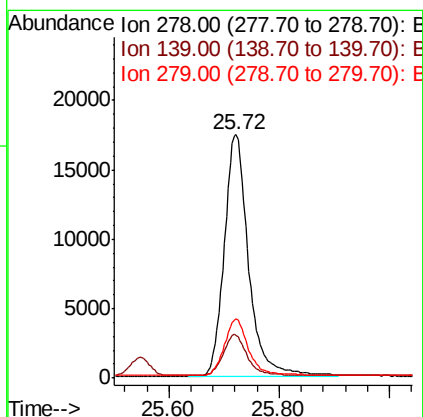
Tgt Ion:278 Resp: 54063

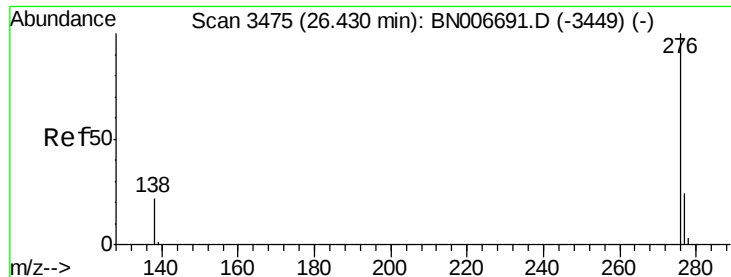
Ion Ratio Lower Upper

278 100

139 17.5 16.2 24.4

279 24.3 20.7 31.1





#39

Benzo(g,h,i)perylene

Concen: 0.427 ng

RT: 26.40 min Scan# 3466

Delta R.T. -0.03 min

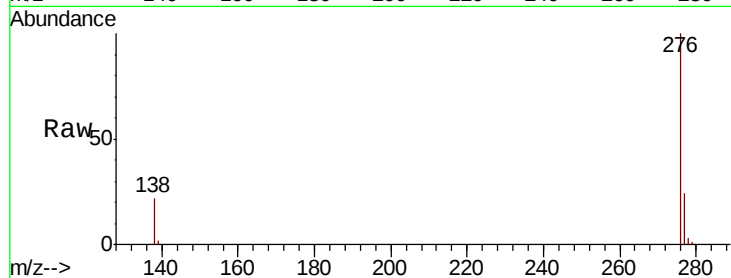
Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

ClientSampleId :



Tgt Ion: 276 Resp: 55980

Ion Ratio Lower Upper

276 100

277 23.9 20.6 30.8

138 22.4 19.7 29.5

