

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
 Data File : BN007410.D
 Acq On : 26 Aug 2019 15:25
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 26 17:26:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 24 00:38:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4146	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	17268	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	9939	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	24396	0.40	ng	0.00
27) Chrysene-d12	21.02	240	25010	0.40	ng	0.00
34) Perylene-d12	23.13	264	28167	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.03	112	5005	0.34	ng	0.00
5) Phenol-d6	6.59	99	5968	0.32	ng	0.00
8) Nitrobenzene-d5	8.53	82	5528	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	11045	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2167	0.42	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	14627	0.36	ng	0.00
25) Fluoranthene-d10	18.84	212	30049	0.38	ng	0.00
29) Terphenyl-d14	19.46	244	25402	0.39	ng	0.00

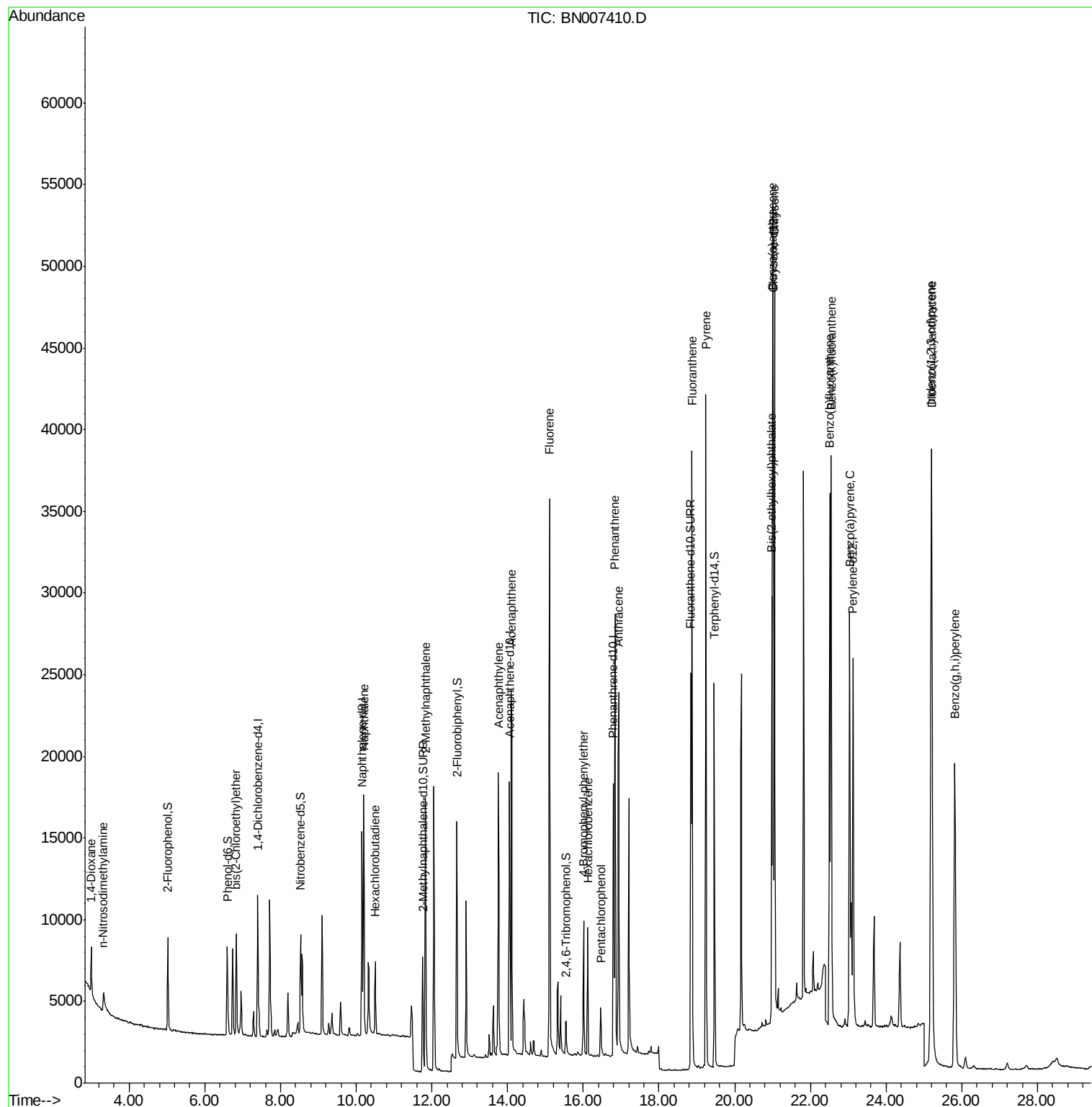
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.00	88	2821	0.410	ng	# 73
3) n-Nitrosodimethylamine	3.32	42	1115	0.348	ng	92
6) bis(2-Chloroethyl)ether	6.84	93	5672	0.379	ng	96
9) Naphthalene	10.20	128	18872	0.382	ng	# 90
10) Hexachlorobutadiene	10.51	225	3740	0.370	ng	# 99
12) 2-Methylnaphthalene	11.83	142	12857	0.383	ng	96
16) Acenaphthylene	13.76	152	20570	0.350	ng	99
17) Acenaphthene	14.10	154	12793	0.372	ng	99
18) Fluorene	15.10	166	17017	0.391	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	3337	0.347	ng	94
21) Hexachlorobenzene	16.11	284	6340	0.388	ng	96
22) Pentachlorophenol	16.46	266	1950	0.384	ng	# 63
23) Phenanthrene	16.84	178	28508	0.388	ng	99
24) Anthracene	16.93	178	26526	0.359	ng	99
26) Fluoranthene	18.87	202	36828	0.391	ng	100
28) Pyrene	19.24	202	38286	0.381	ng	99
30) Benzo(a)anthracene	21.00	228	37010	0.377	ng	100
31) Chrysene	21.06	228	38380	0.405	ng	99
32) Bis(2-ethylhexyl)phthalate	20.97	149	23001	0.343	ng	99
33) Indeno(1,2,3-cd)pyrene	25.19	276	48042	0.421	ng	97
35) Benzo(b)fluoranthene	22.51	252	38615	0.378	ng	# 96
36) Benzo(k)fluoranthene	22.55	252	41426	0.411	ng	# 94
37) Benzo(a)pyrene	23.04	252	37686	0.388	ng	# 96
38) Dibenzo(a,h)anthracene	25.21	278	38792	0.400	ng	97
39) Benzo(g,h,i)perylene	25.82	276	39810	0.412	ng	97

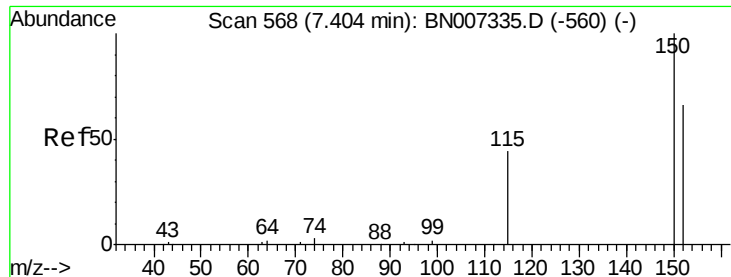
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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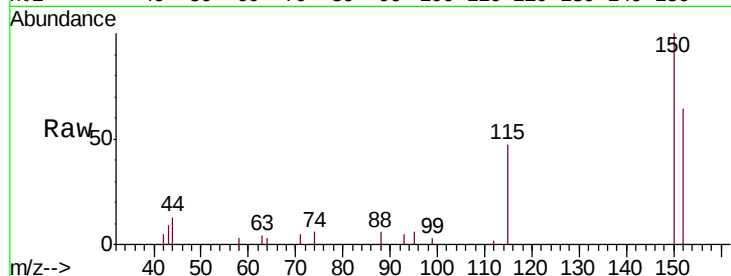


#1

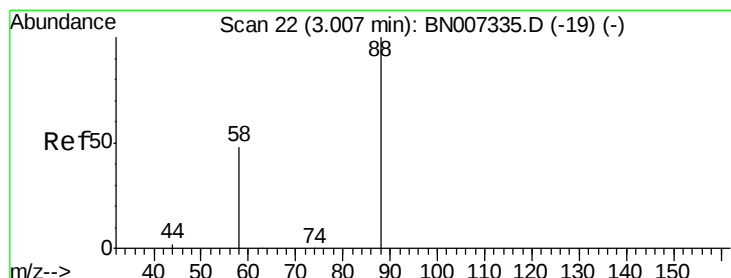
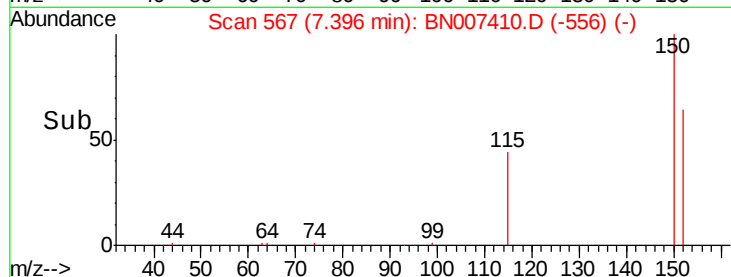
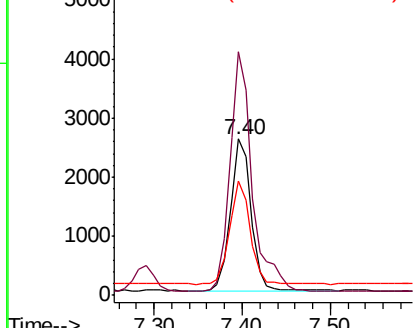
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 4146
Ion Ratio Lower Upper
152 100
150 155.9 109.1 163.7
115 72.8 59.6 89.4



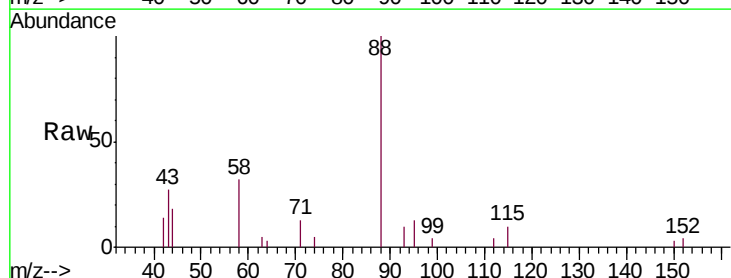
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



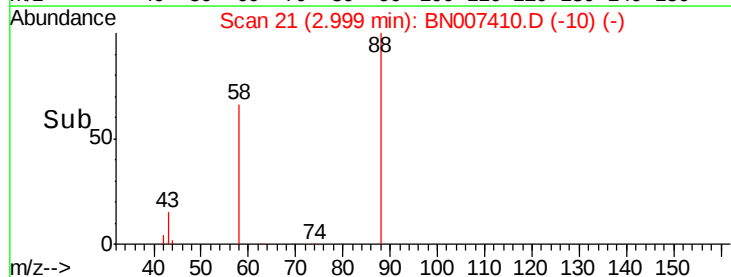
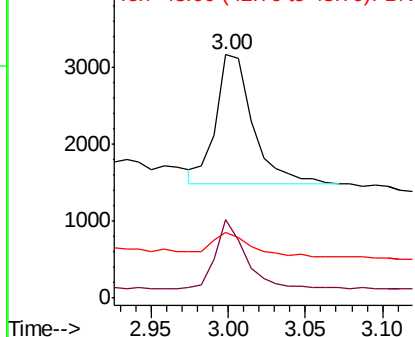
#2

1,4-Dioxane
Concen: 0.410 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Tgt Ion: 88 Resp: 2821
Ion Ratio Lower Upper
88 100
58 42.3 50.5 75.7#
43 20.3 0.0 0.0#



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



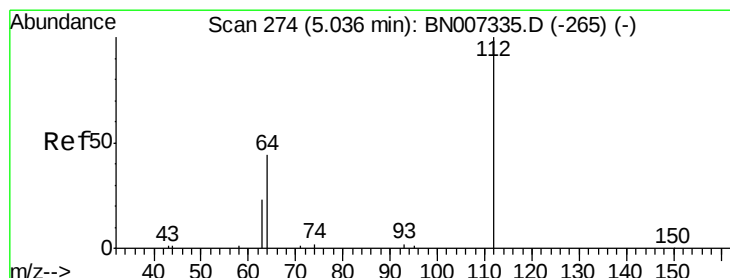
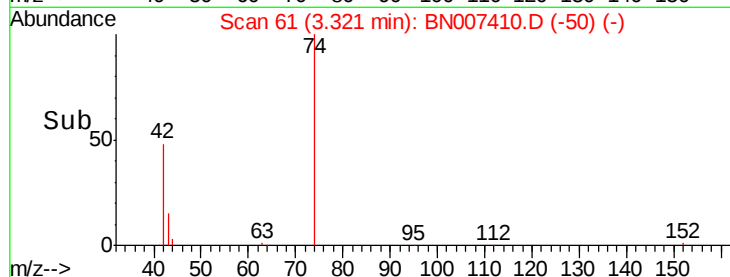
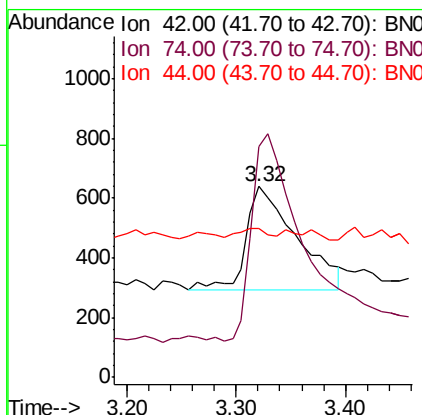
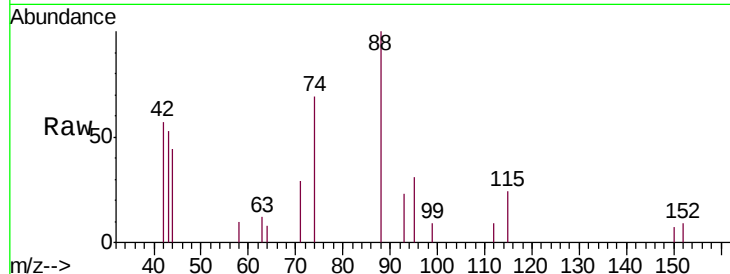


#3

n-Nitrosodimethylamine
 Concen: 0.348 ng
 RT: 3.32 min Scan# 61
 Delta R.T. -0.01 min
 Lab File: BN007410.D
 Acq: 26 Aug 2019 15:25

Instrument :
 BNA_N
 ClientSampleId :

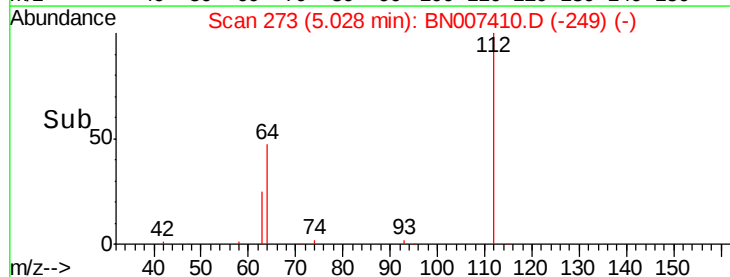
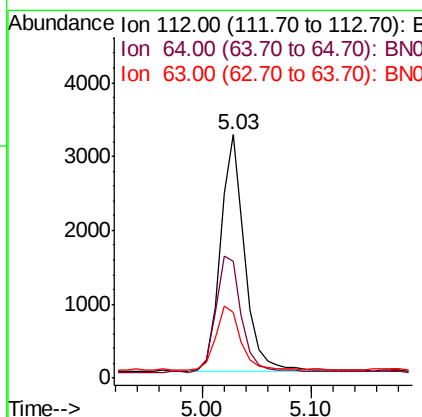
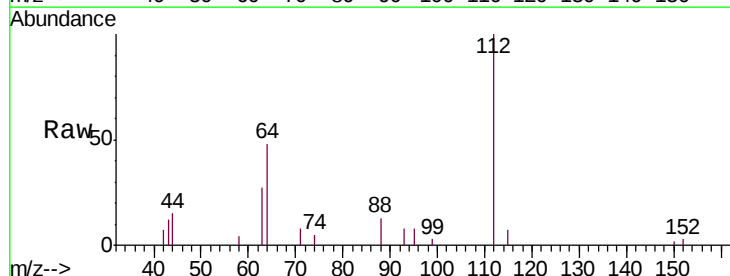
Tot Ion: 42 Resp: 1115
 Ion Ratio Lower Upper
 42 100
 74 192.6 144.7 217.1
 44 3.9 3.2 4.8



#4

2-Fluorophenol
 Concen: 0.344 ng
 RT: 5.03 min Scan# 273
 Delta R.T. -0.01 min
 Lab File: BN007410.D
 Acq: 26 Aug 2019 15:25

Tgt Ion: 112 Resp: 5005
 Ion Ratio Lower Upper
 112 100
 64 52.9 42.3 63.5
 63 28.6 23.6 35.4





#5

Phenol-d6

Concen: 0.320 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

Instrument :

BNA_N

ClientSampleId :

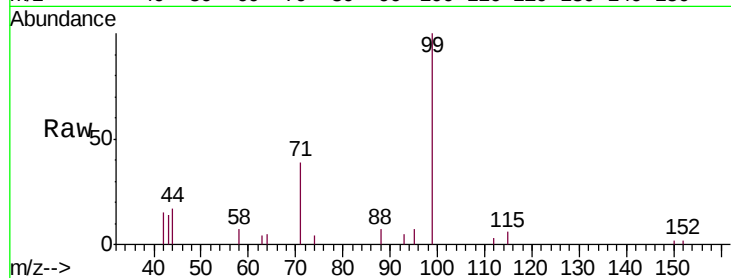
Tot Ion: 99 Resp: 5968

Ion Ratio Lower Upper

99 100

42 13.0 11.2 16.8

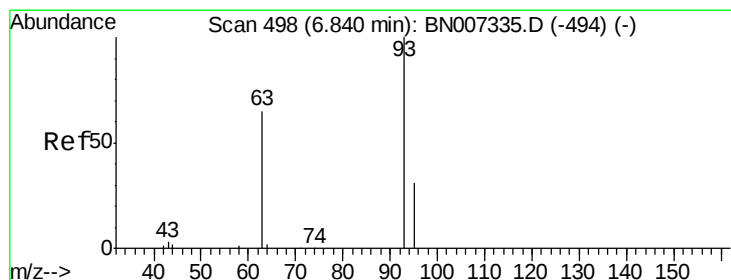
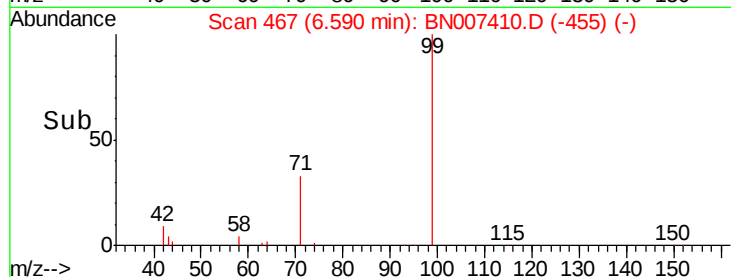
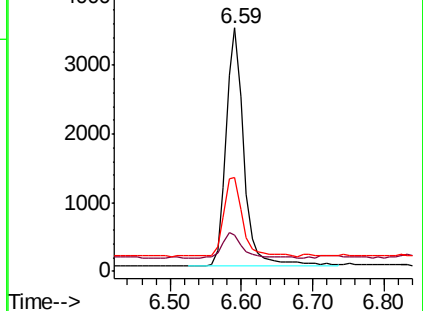
71 35.3 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007410.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007410.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007410.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.379 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.00 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

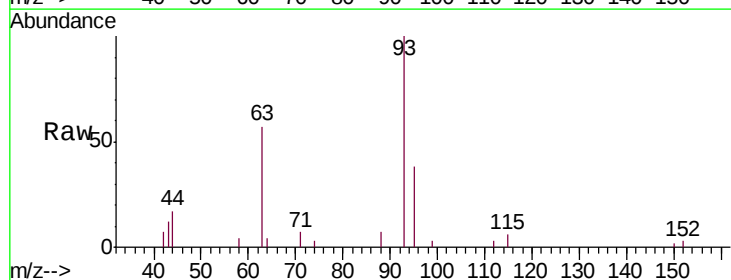
Tgt Ion: 93 Resp: 5672

Ion Ratio Lower Upper

93 100

63 61.0 51.9 77.9

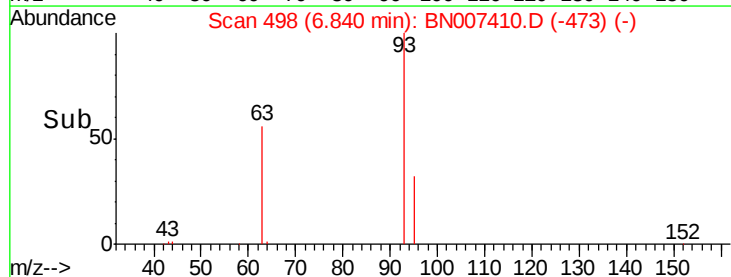
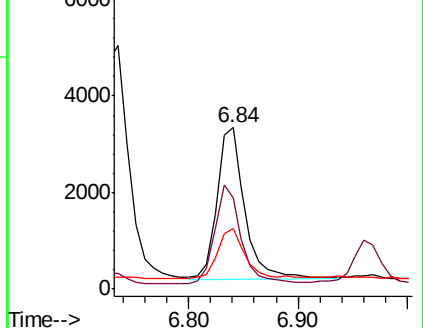
95 33.3 27.7 41.5



Abundance Ion 93.00 (92.70 to 93.70): BN007410.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN007410.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007410.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 17268

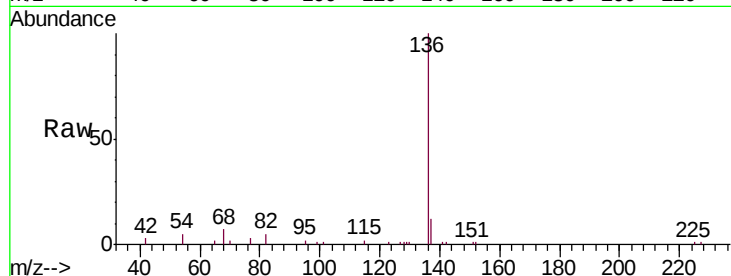
Ion Ratio Lower Upper

136 100

137 11.6 12.9 19.3#

54 5.3 8.6 12.8#

68 7.3 17.0 25.4#

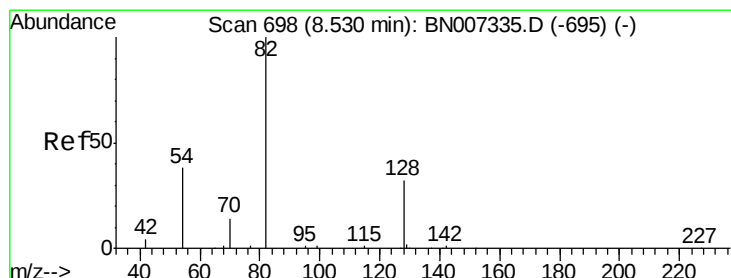
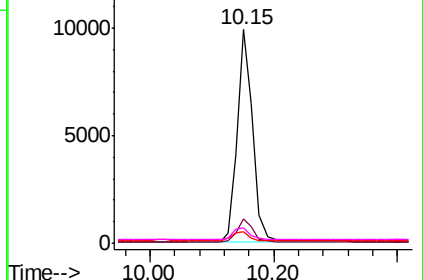
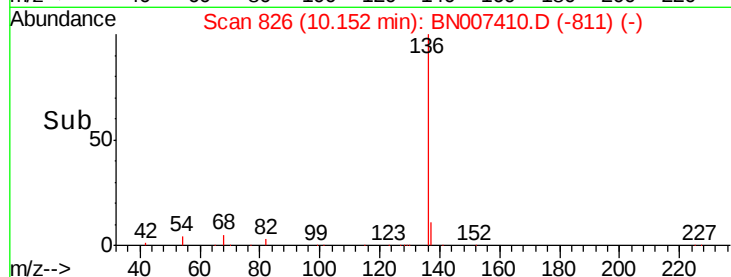


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.368 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

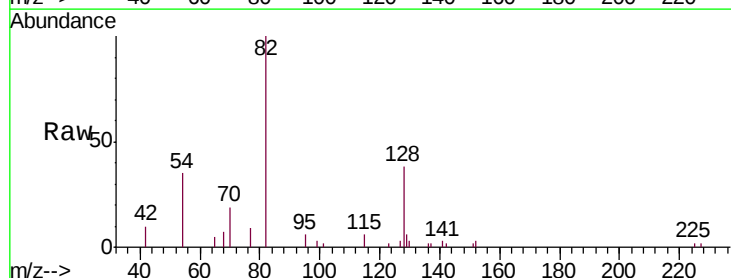
Tgt Ion: 82 Resp: 5528

Ion Ratio Lower Upper

82 100

128 38.0 19.7 29.5#

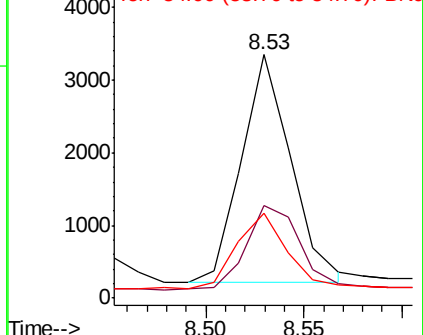
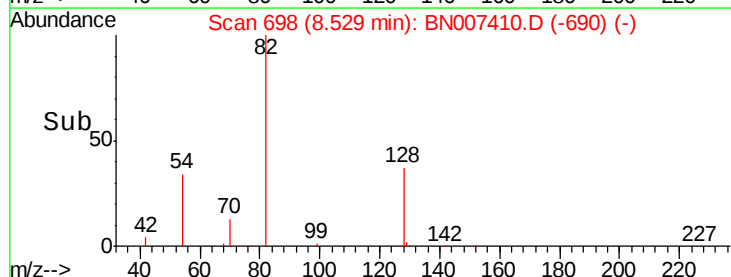
54 34.8 25.8 38.6



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: 0.382 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

Instrument :

BNA_N

ClientSampleId :

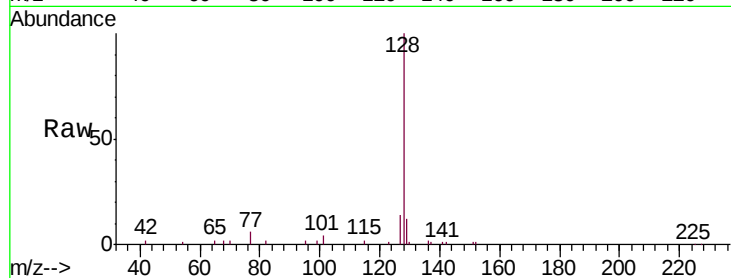
Tot Ion:128 Resp: 18872

Ion Ratio Lower Upper

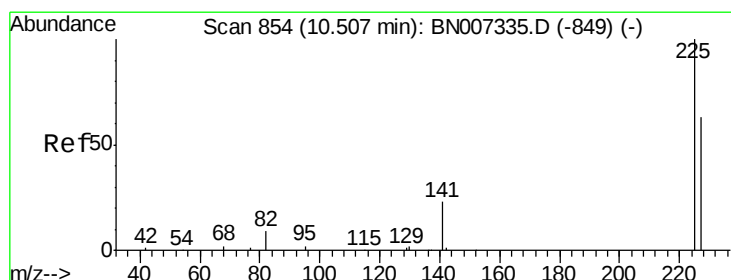
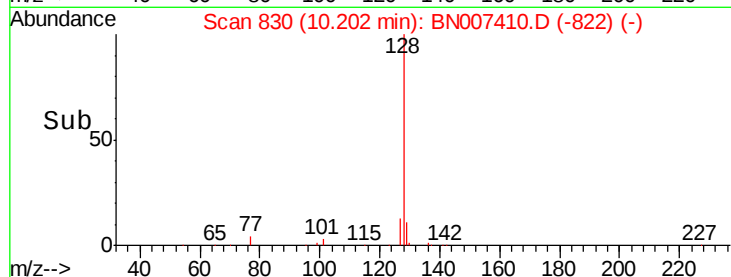
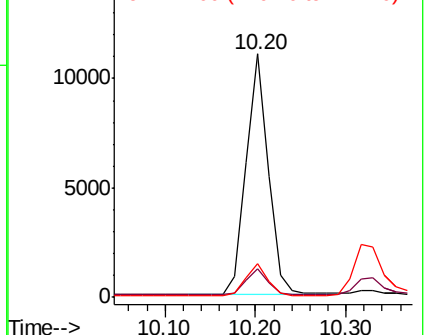
128 100

129 11.8 11.1 16.7

127 13.6 15.5 23.3#



Abundance Ion 128.00 (127.70 to 128.70): E
15000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.370 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

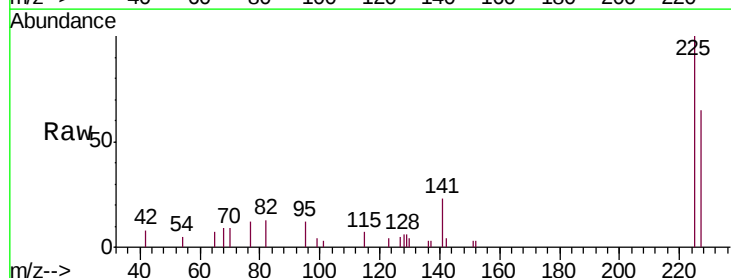
Tgt Ion:225 Resp: 3740

Ion Ratio Lower Upper

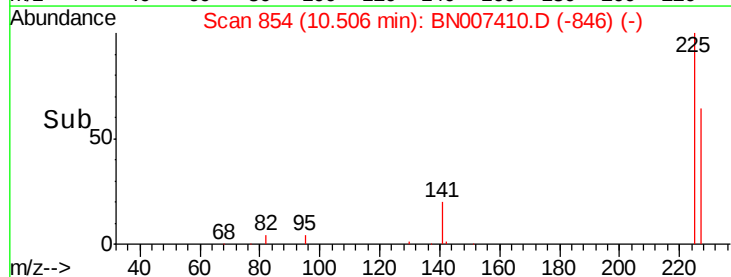
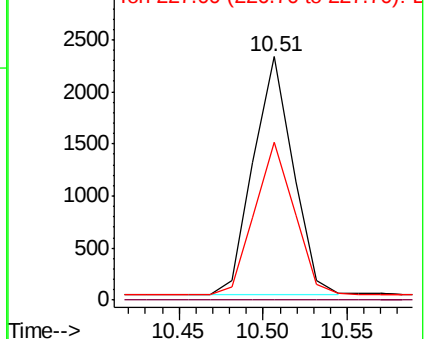
225 100

223 0.0 0.0 0.0

227 64.5 50.7 76.1



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: 0.385 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

Instrument :

BNA_N

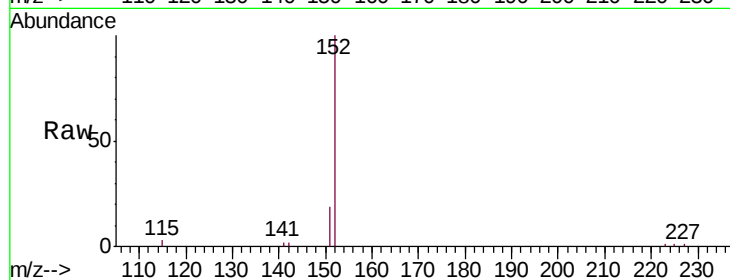
ClientSampleId :

Tot Ion:152 Resp: 11045

Ion Ratio Lower Upper

152 100

151 18.7 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.76

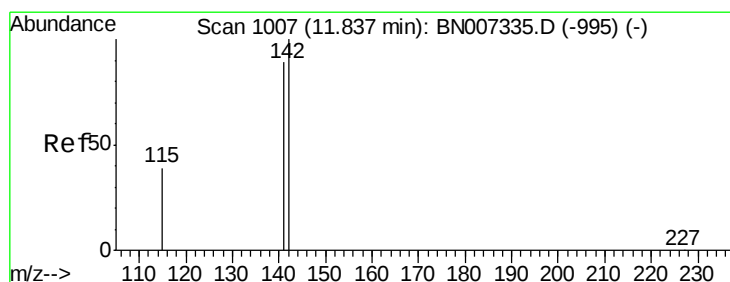
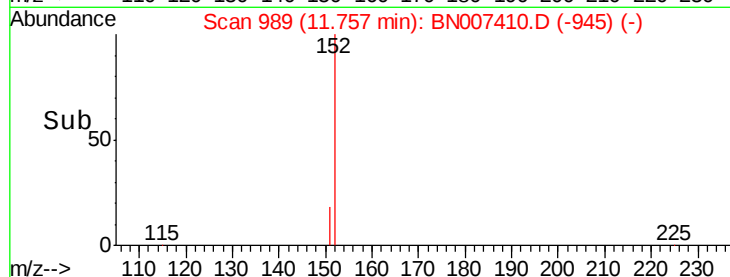
6000

4000

2000

0

Time--> 11.60 11.80 12.00



#12

2-Methylnaphthalene

Concen: 0.383 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

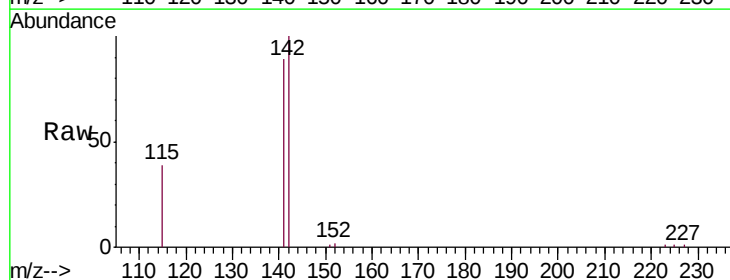
Tgt Ion:142 Resp: 12857

Ion Ratio Lower Upper

142 100

141 88.5 72.8 109.2

115 39.4 35.2 52.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.83

10000

8000

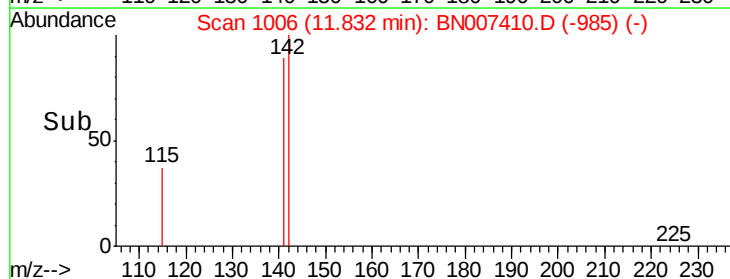
6000

4000

2000

0

Time--> 11.70 11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

Instrument :

BNA_N

ClientSampleId :

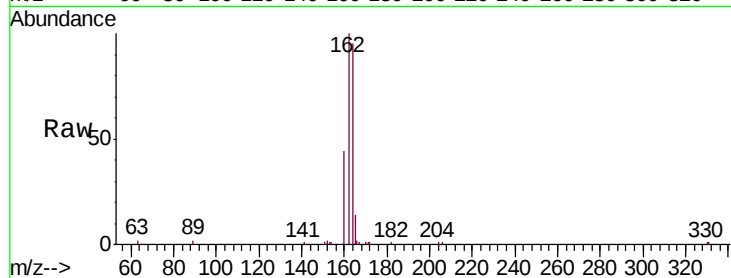
Tot Ion:164 Resp: 9939

Ion Ratio Lower Upper

164 100

162 104.8 83.5 125.3

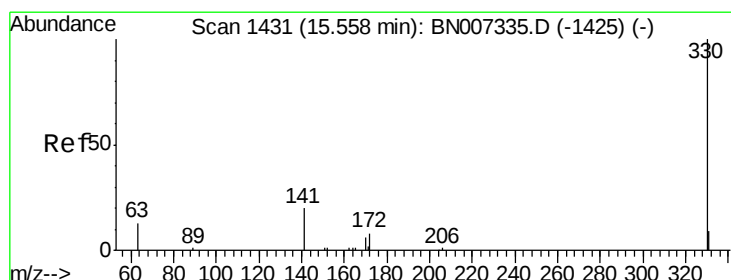
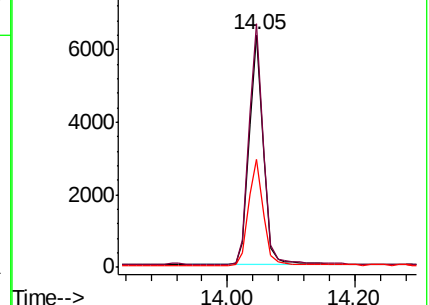
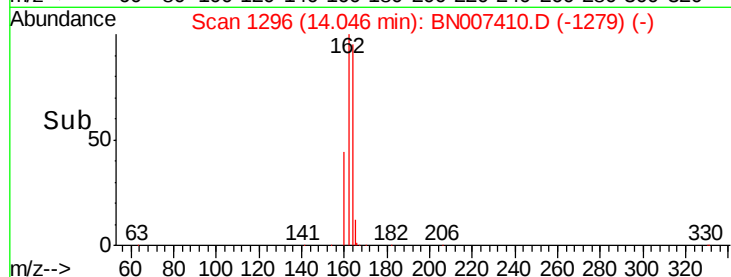
160 46.6 38.2 57.4



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: 0.417 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

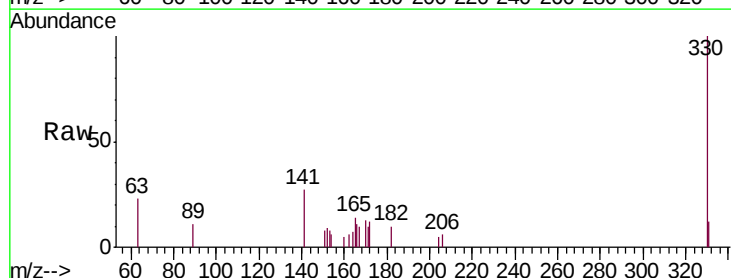
Tgt Ion:330 Resp: 2167

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

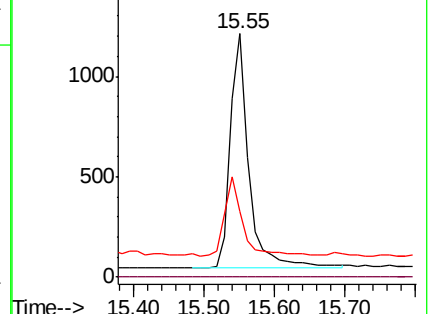
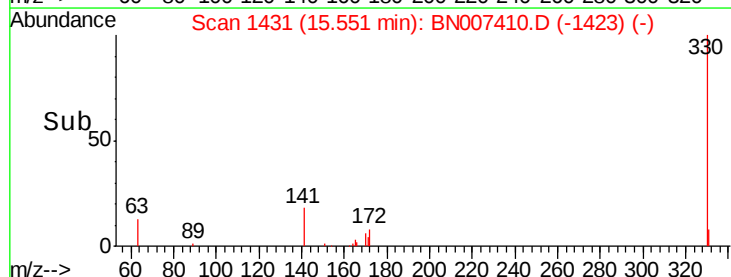
141 34.7 26.9 40.3



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

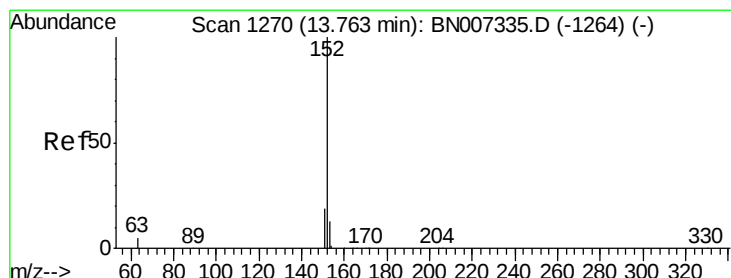
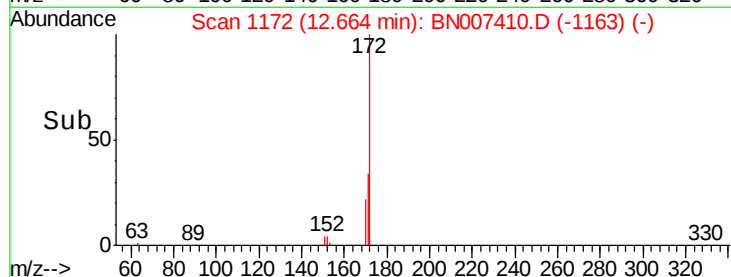
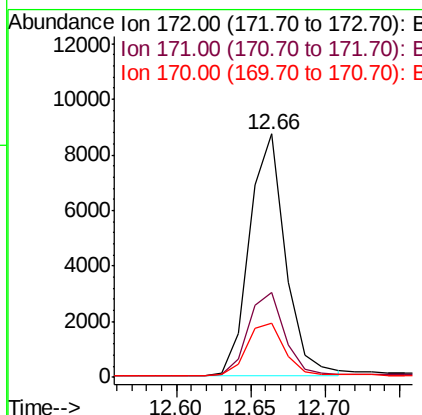
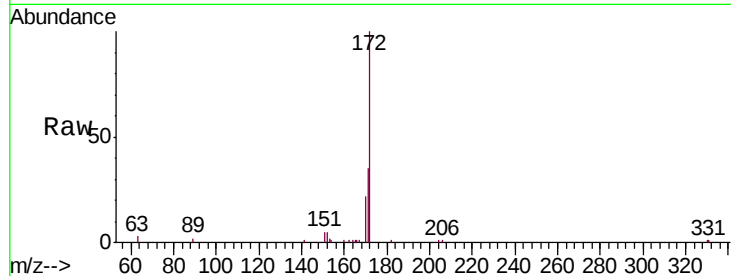




#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

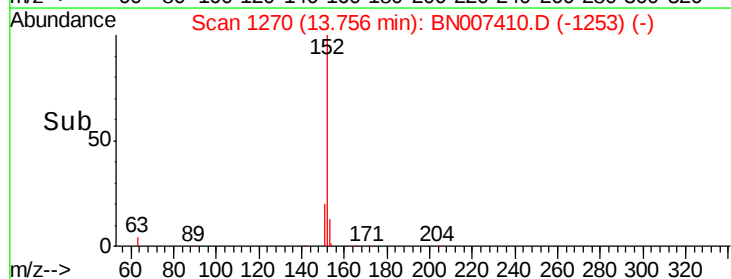
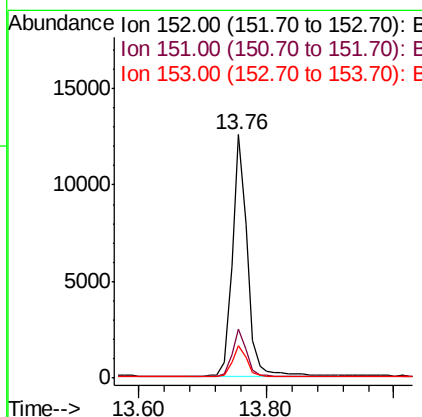
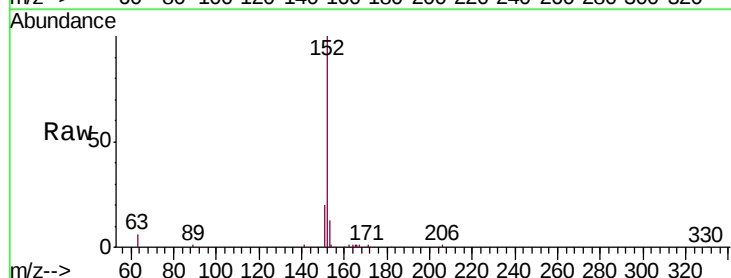
Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 14627
Ion Ratio Lower Upper
172 100
171 34.6 30.3 45.5
170 22.2 20.7 31.1



#16
Acenaphthylene
Concen: 0.350 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Tgt Ion:152 Resp: 20570
Ion Ratio Lower Upper
152 100
151 19.3 16.1 24.1
153 12.8 10.6 15.8





#17

Acenaphthene

Concen: 0.372 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

Instrument :

BNA_N

ClientSampled :

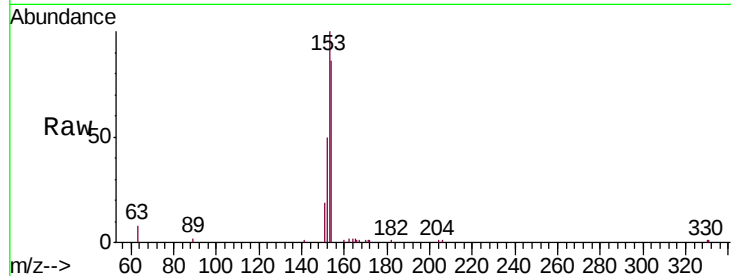
Tot Ion:154 Resp: 12793

Ion Ratio Lower Upper

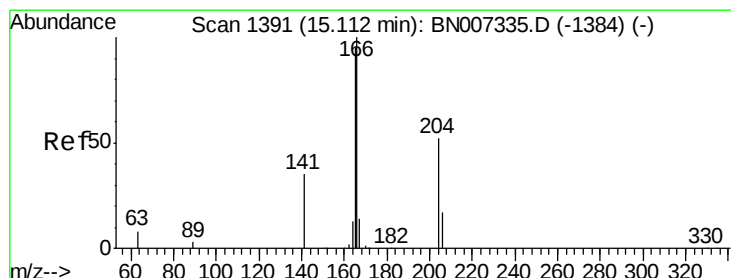
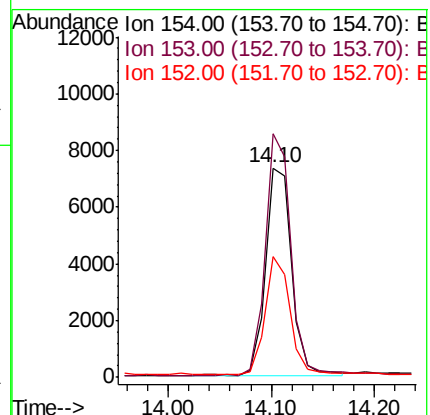
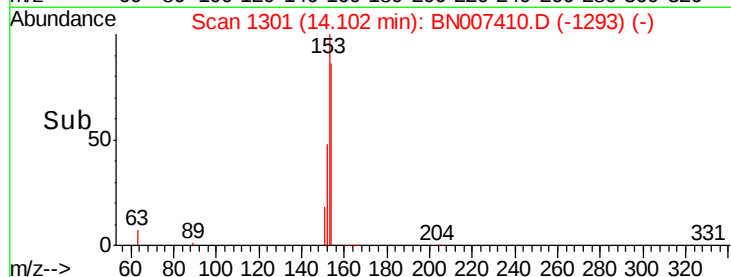
154 100

153 115.0 92.8 139.2

152 54.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.391 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

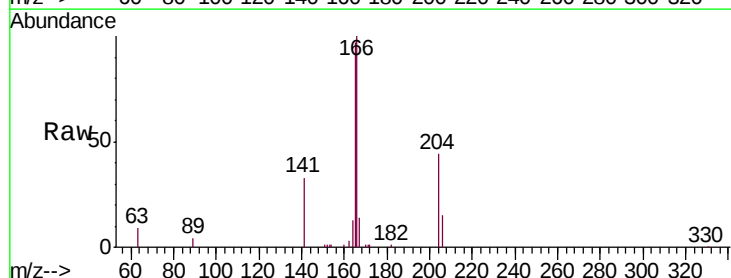
Tgt Ion:166 Resp: 17017

Ion Ratio Lower Upper

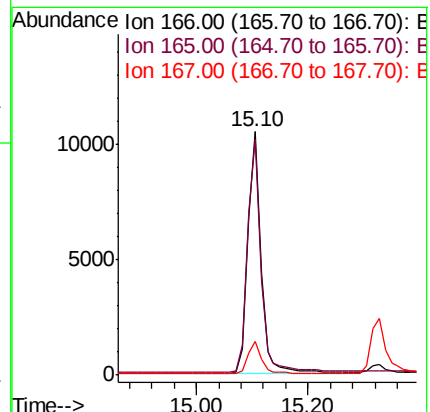
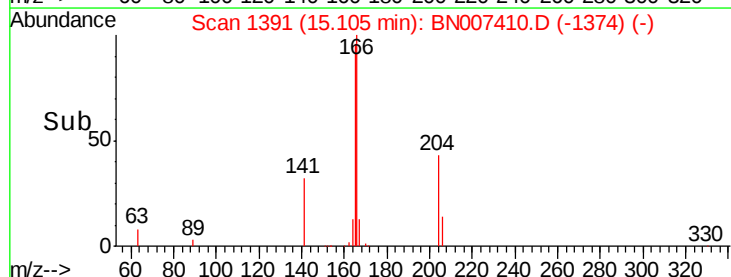
166 100

165 97.3 79.0 118.4

167 13.6 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

Instrument :

BNA_N

ClientSampleId :

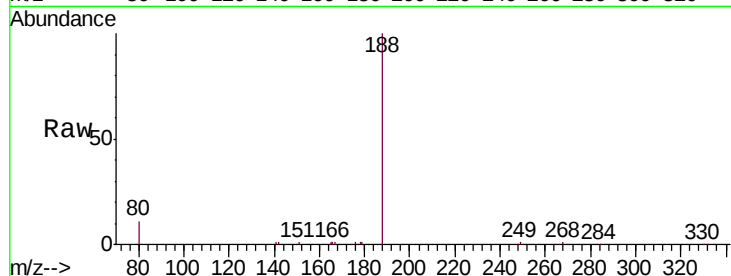
Tot Ion:188 Resp: 24396

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

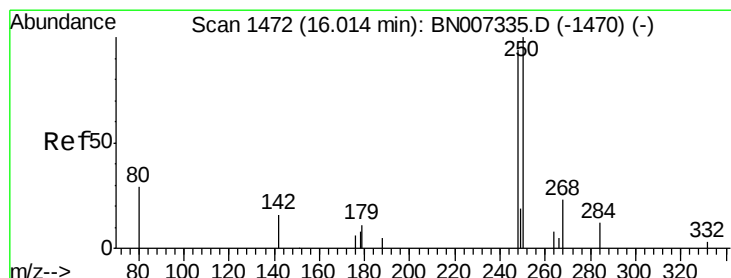
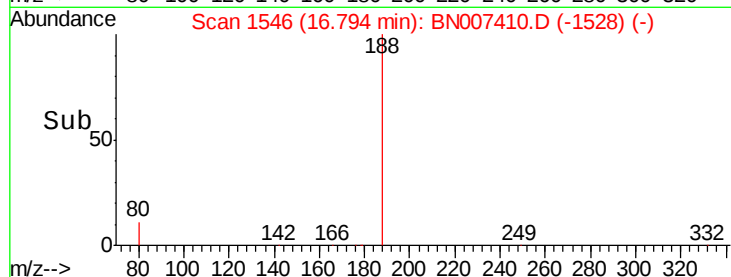
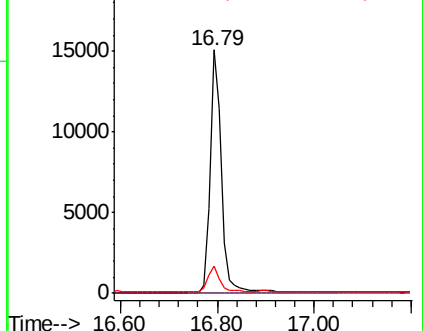
80 11.4 11.8 17.8#



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: 0.347 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

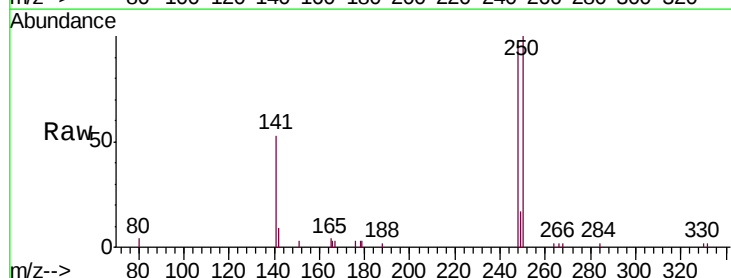
Tgt Ion:248 Resp: 3337

Ion Ratio Lower Upper

248 100

250 103.8 85.0 127.6

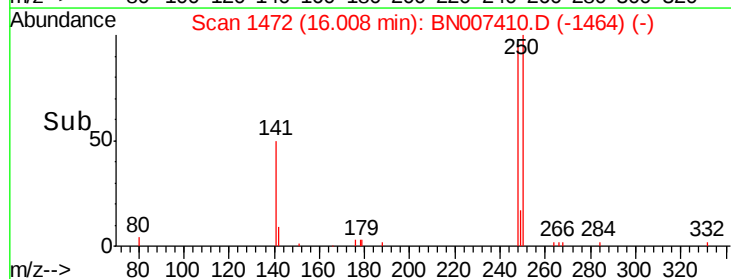
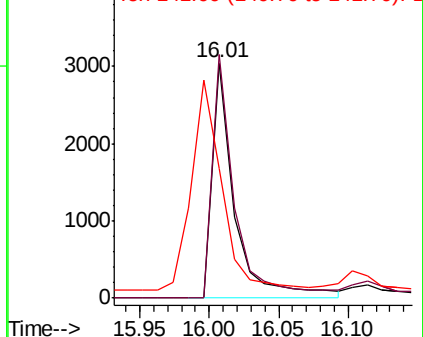
141 55.3 51.7 77.5



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: 0.388 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

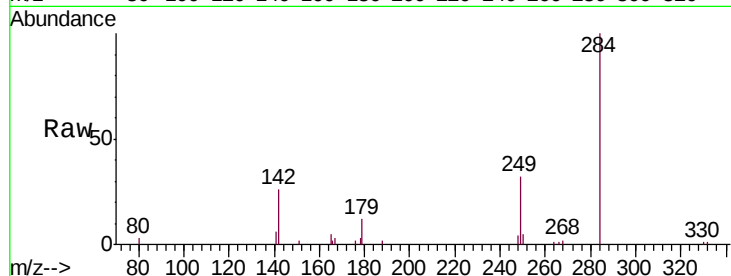
Instrument :

BNA_N

ClientSampleId :

Tot Ion:284 Resp: 6340

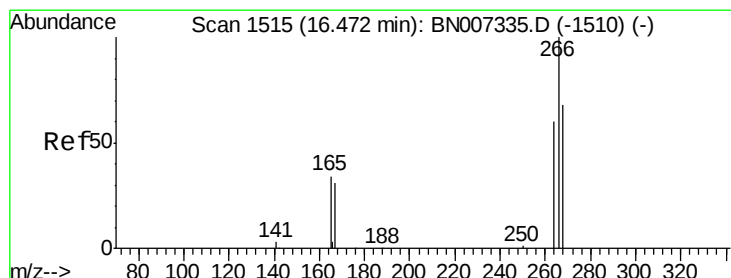
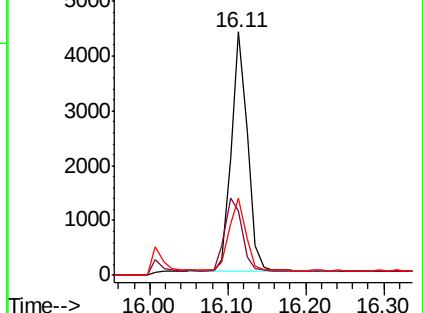
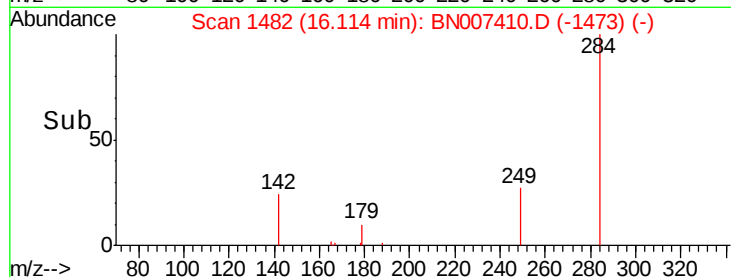
Ion	Ratio	Lower	Upper
284	100		
142	32.9	29.0	43.6
249	30.4	24.9	37.3



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: 0.384 ng

RT: 16.46 min Scan# 1515

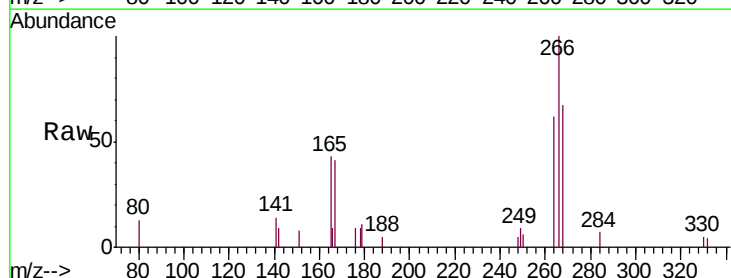
Delta R.T. -0.01 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

Tgt Ion:266 Resp: 1950

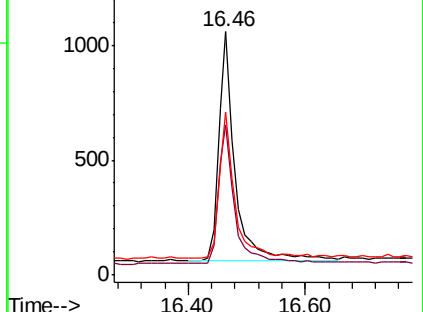
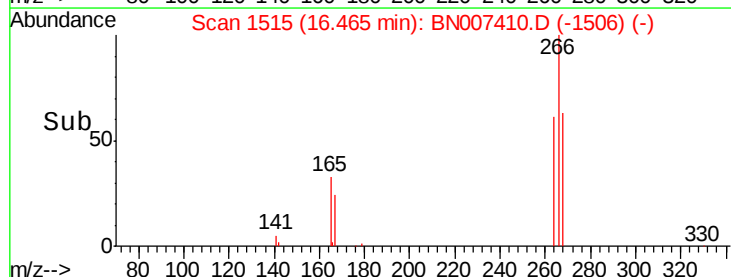
Ion	Ratio	Lower	Upper
266	100		
264	61.7	57.8	86.8
268	66.9	99.7	149.5#



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: 0.388 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

Instrument :

BNA_N

ClientSampleId :

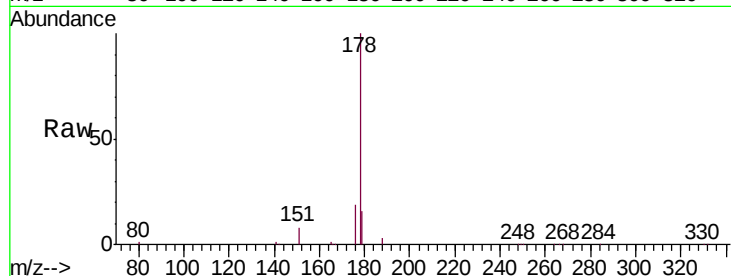
Tot Ion:178 Resp: 28508

Ion Ratio Lower Upper

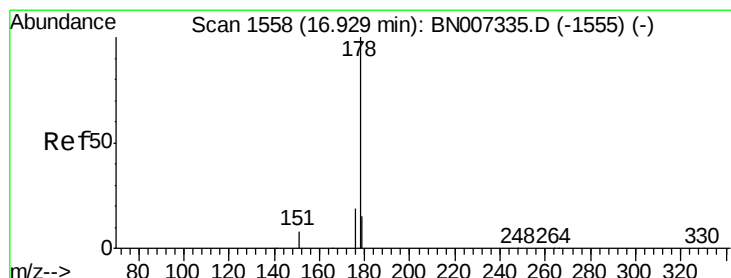
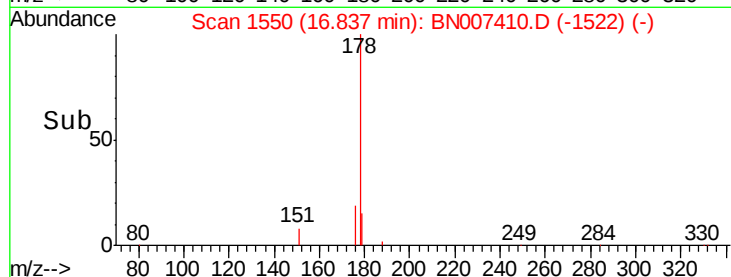
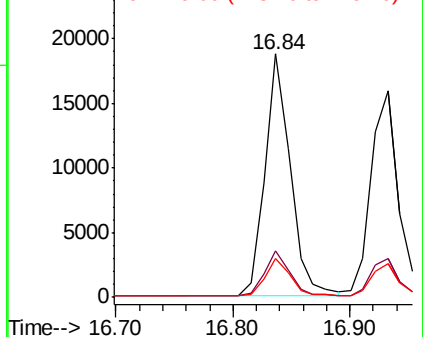
178 100

176 18.8 15.3 22.9

179 15.6 12.6 19.0



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



#24

Anthracene

Concen: 0.359 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

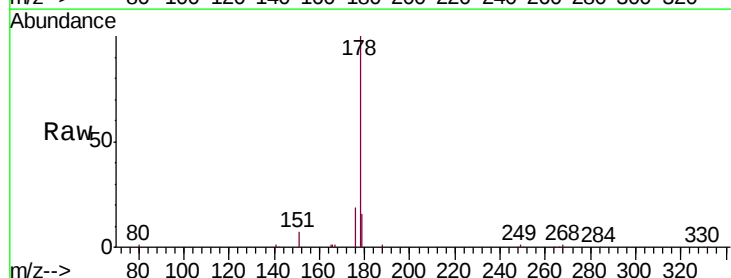
Tgt Ion:178 Resp: 26526

Ion Ratio Lower Upper

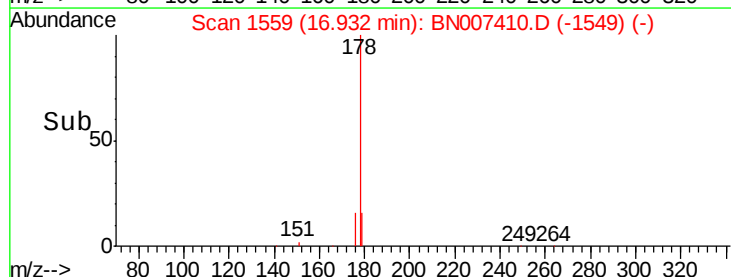
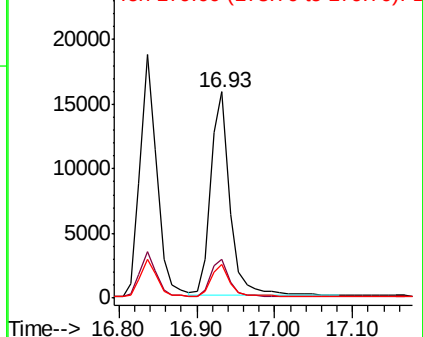
178 100

176 18.3 14.9 22.3

179 15.7 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





#25

Fluoranthene-d10

Concen: 0.382 ng

RT: 18.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

Instrument :

BNA_N

ClientSampleId :

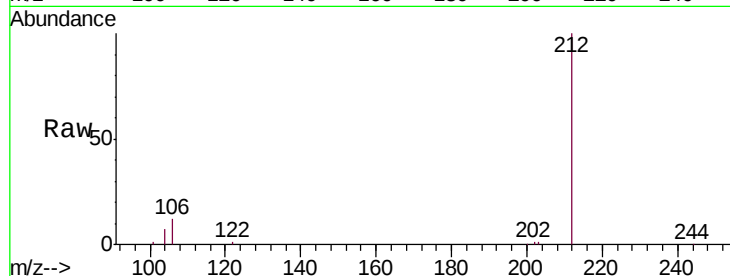
Tot Ion:212 Resp: 30049

Ion Ratio Lower Upper

212 100

106 11.6 9.0 13.4

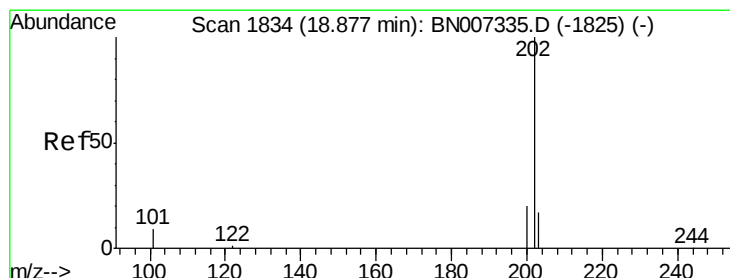
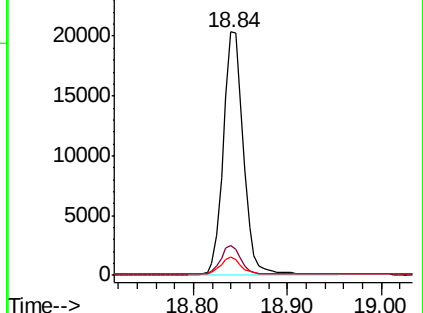
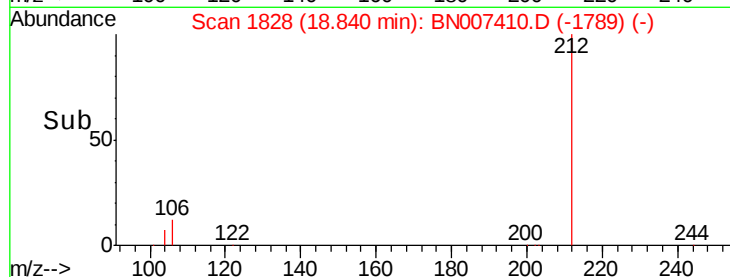
104 6.6 5.4 8.2



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: 0.391 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

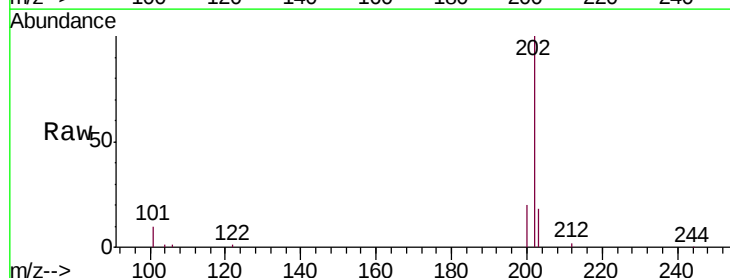
Tgt Ion:202 Resp: 36828

Ion Ratio Lower Upper

202 100

101 9.8 7.7 11.5

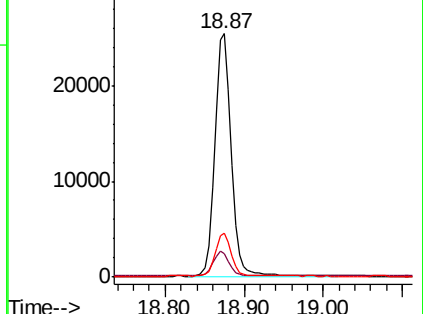
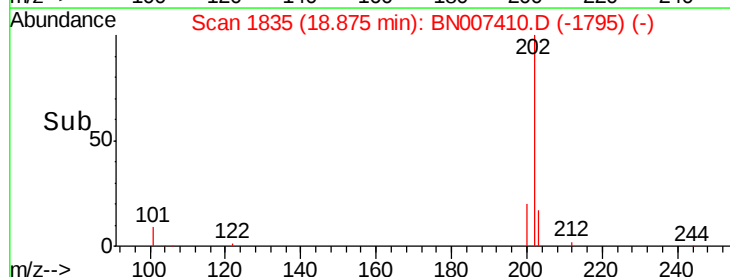
203 17.2 13.7 20.5



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

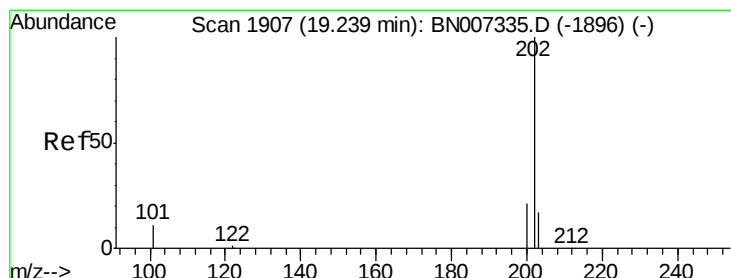
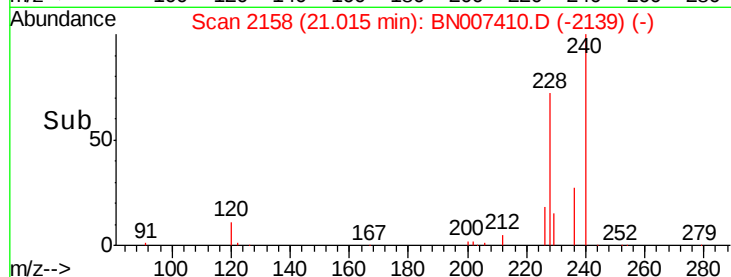
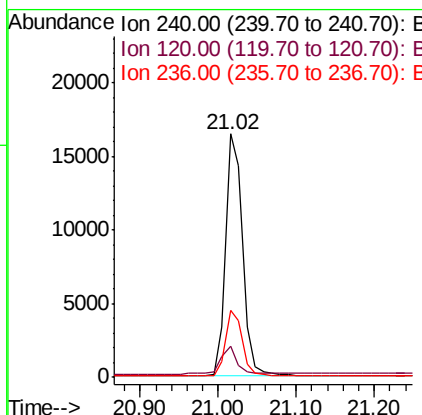
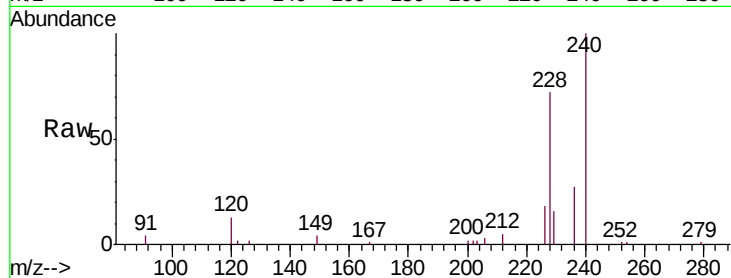




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

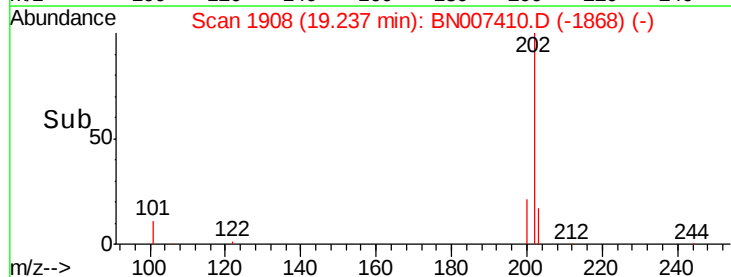
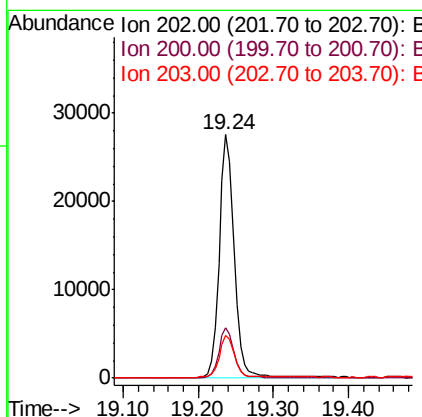
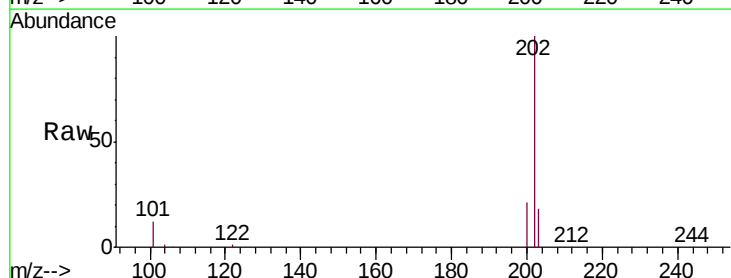
Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 25010
Ion Ratio Lower Upper
240 100
120 12.7 9.6 14.4
236 27.4 22.2 33.2



#28
Pyrene
Concen: 0.381 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007410.D
Acq: 26 Aug 2019 15:25

Tgt Ion:202 Resp: 38286
Ion Ratio Lower Upper
202 100
200 20.6 16.6 25.0
203 17.5 14.2 21.4





#29

Terphenyl-d14

Concen: 0.388 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

Instrument :

BNA_N

ClientSampleId :

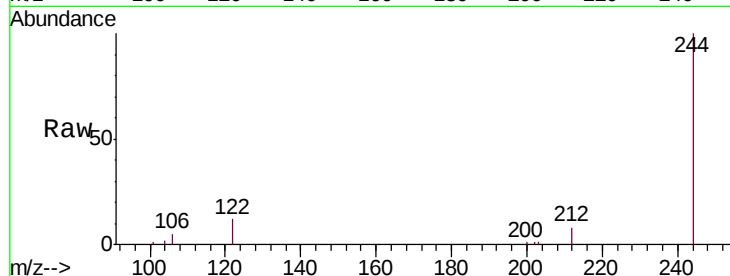
Tot Ion:244 Resp: 25402

Ion Ratio Lower Upper

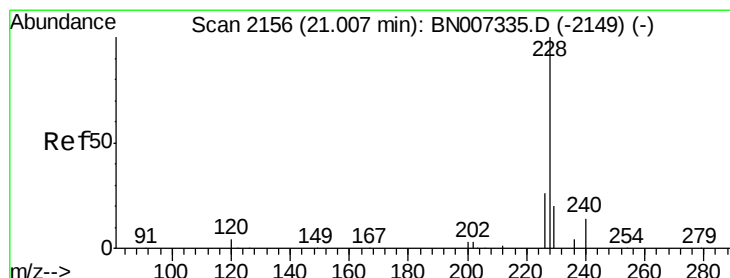
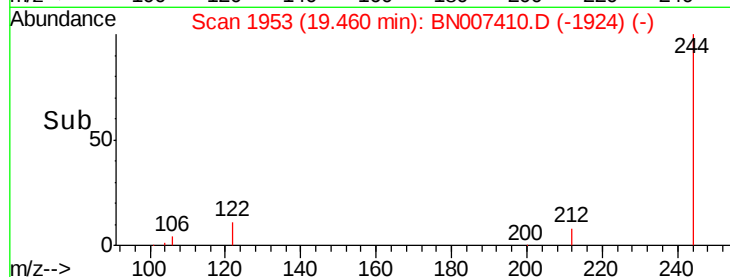
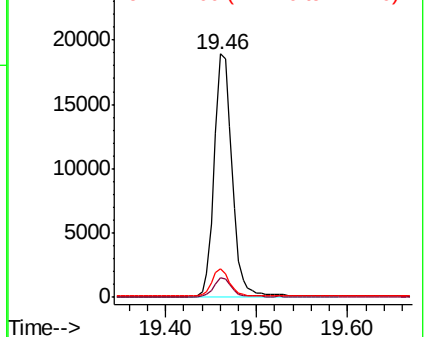
244 100

212 8.0 7.0 10.6

122 11.7 9.6 14.4



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: 0.377 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

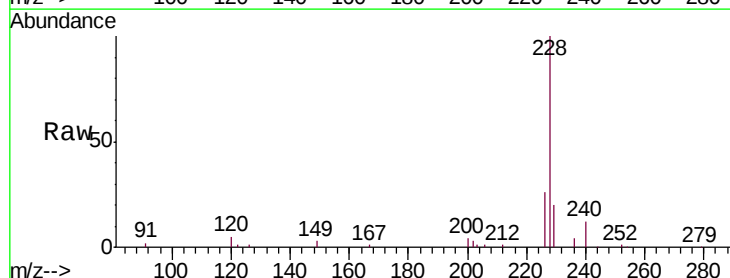
Tgt Ion:228 Resp: 37010

Ion Ratio Lower Upper

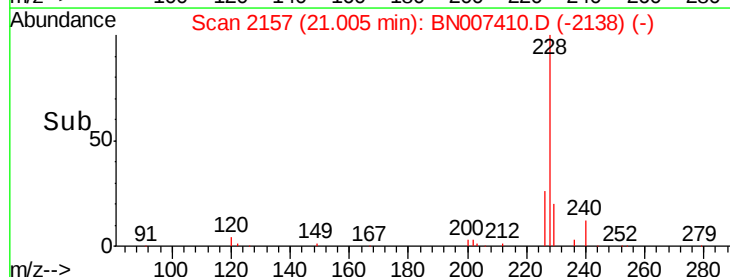
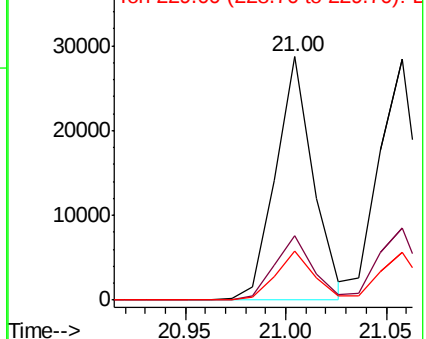
228 100

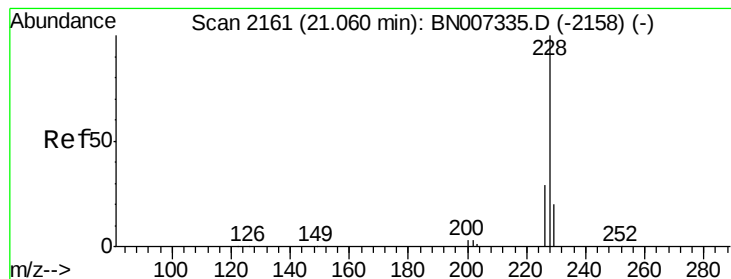
226 26.4 21.3 31.9

229 20.1 16.1 24.1



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: 0.405 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

Instrument :

BNA_N

ClientSampleId :

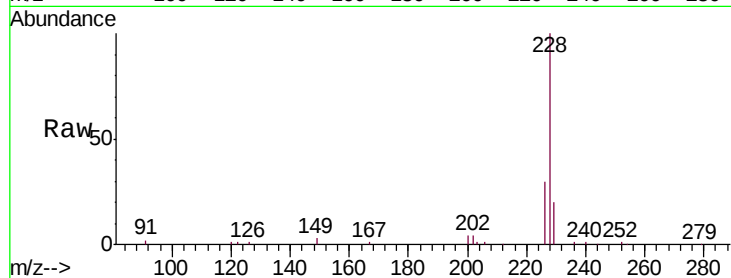
Tot Ion:228 Resp: 38380

Ion Ratio Lower Upper

228 100

226 29.7 23.5 35.3

229 19.8 16.6 24.8

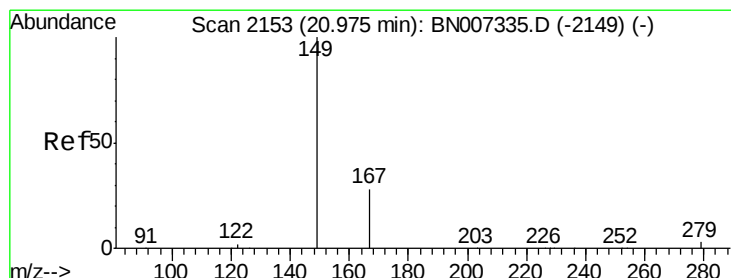
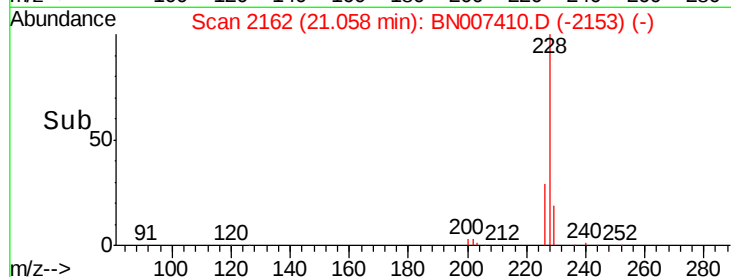
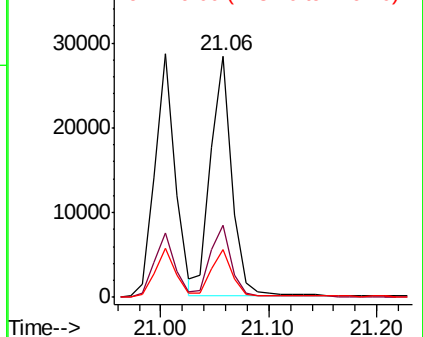


Abundance

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: 0.343 ng

RT: 20.97 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

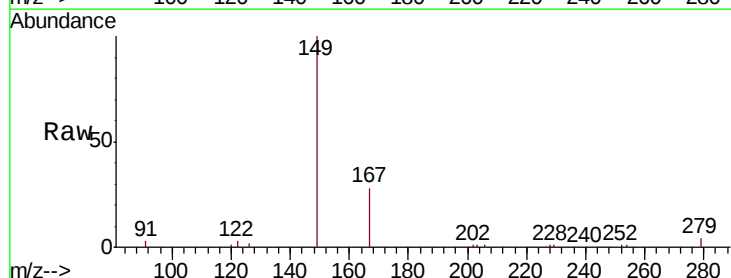
Tgt Ion:149 Resp: 23001

Ion Ratio Lower Upper

149 100

167 28.0 22.8 34.2

279 4.6 3.5 5.3

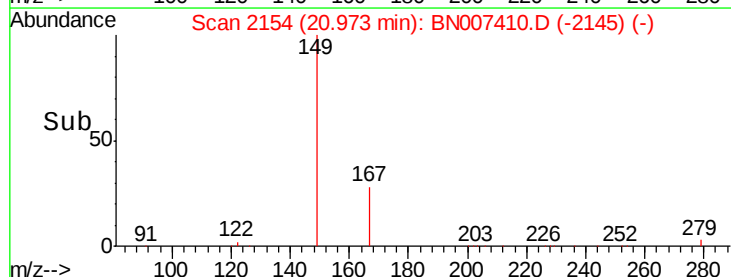
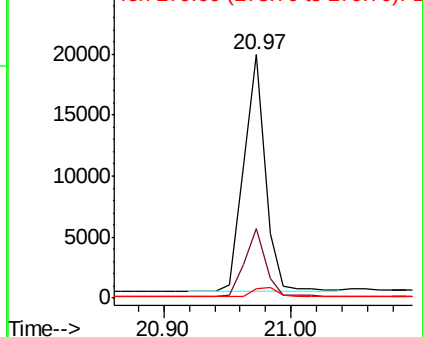


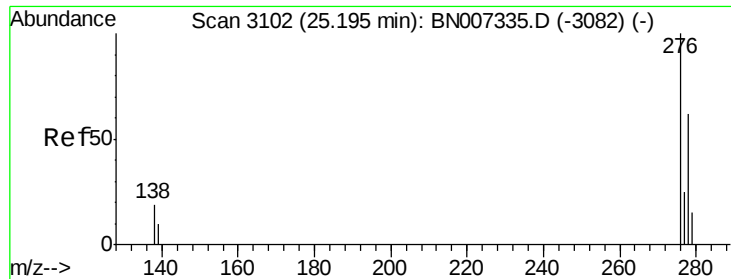
Abundance

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

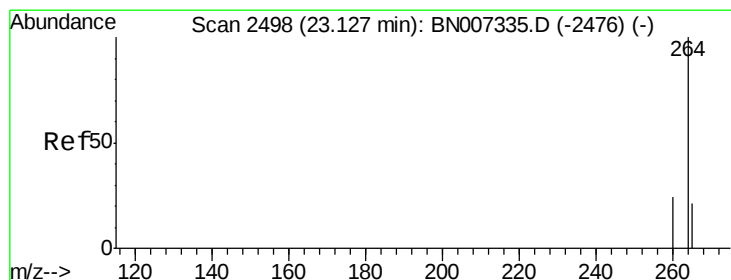
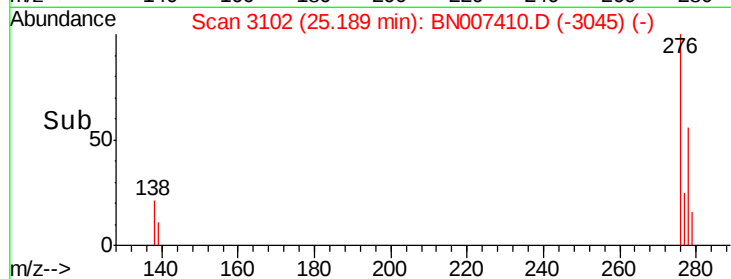
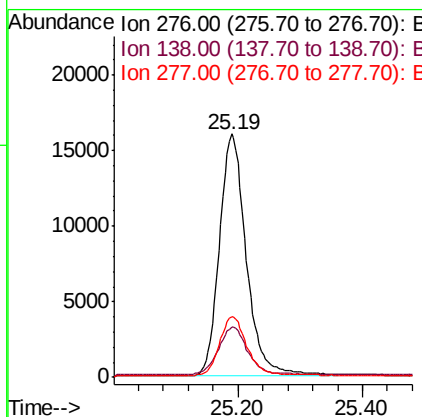
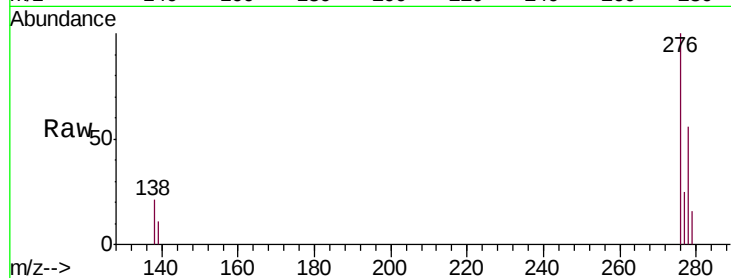




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.421 ng
 RT: 25.19 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BN007410.D
 Acq: 26 Aug 2019 15:25

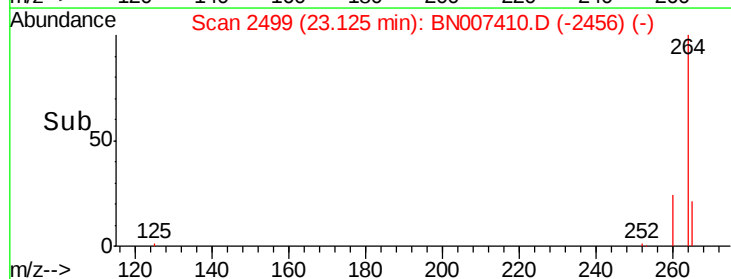
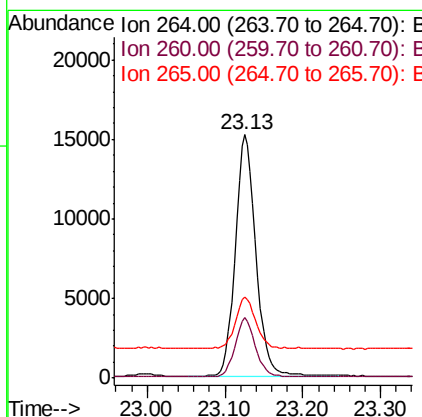
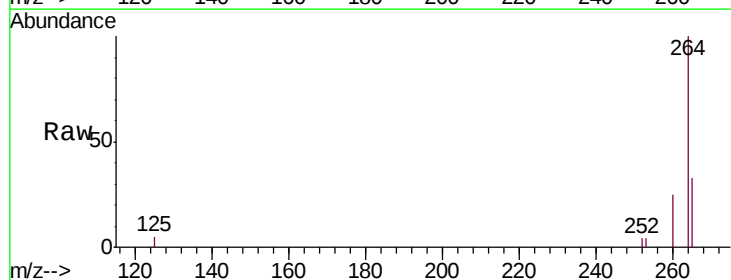
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 48042
 Ion Ratio Lower Upper
 276 100
 138 21.1 15.1 22.7
 277 24.0 19.7 29.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.13 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BN007410.D
 Acq: 26 Aug 2019 15:25

Tgt Ion:264 Resp: 28167
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.7 29.5
 265 33.5 29.9 44.9





#35

Benzo(b)fluoranthene

Concen: 0.378 ng

RT: 22.51 min Scan# 2319

Delta R.T. 0.00 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

Instrument :

BNA_N

ClientSampleId :

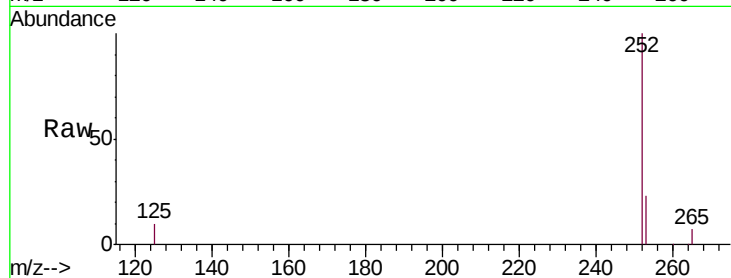
Tot Ion:252 Resp: 38615

Ion Ratio Lower Upper

252 100

253 23.2 19.2 28.8

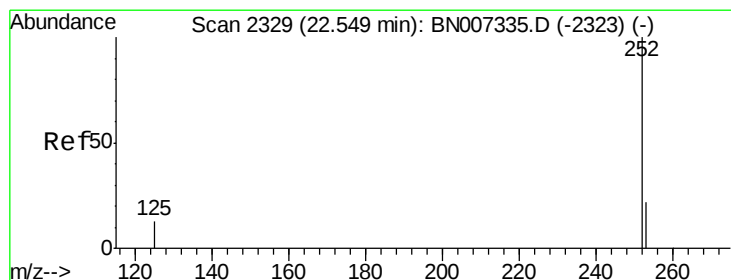
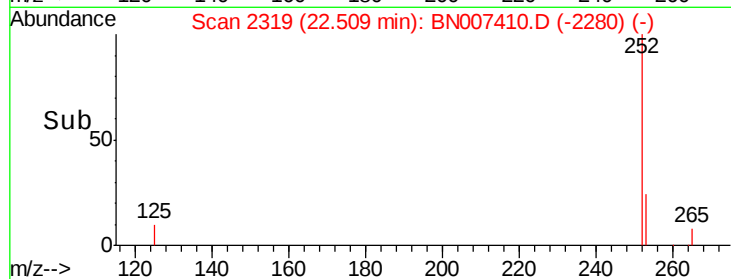
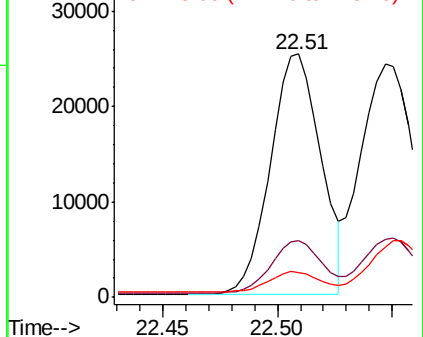
125 10.2 10.6 16.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.411 ng

RT: 22.55 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

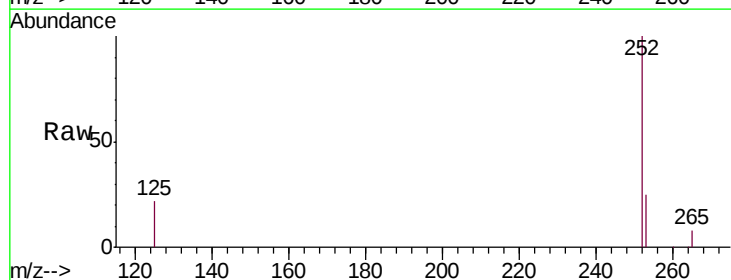
Tgt Ion:252 Resp: 41426

Ion Ratio Lower Upper

252 100

253 24.9 19.4 29.2

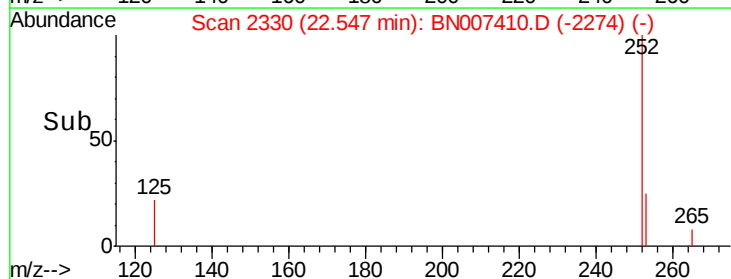
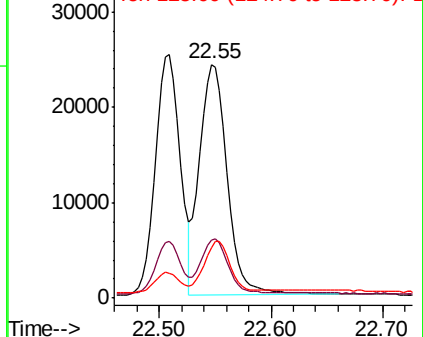
125 21.7 13.1 19.7#



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: 0.388 ng

RT: 23.04 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

Instrument :

BNA_N

ClientSampled :

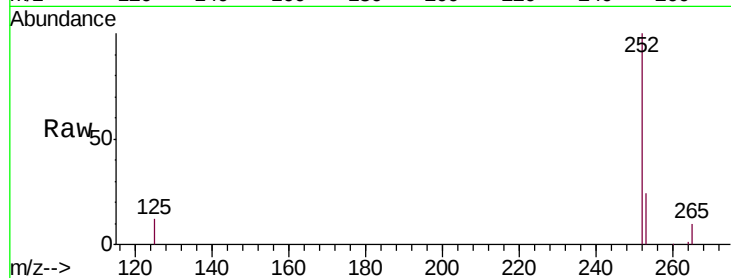
Tot Ion:252 Resp: 37686

Ion Ratio Lower Upper

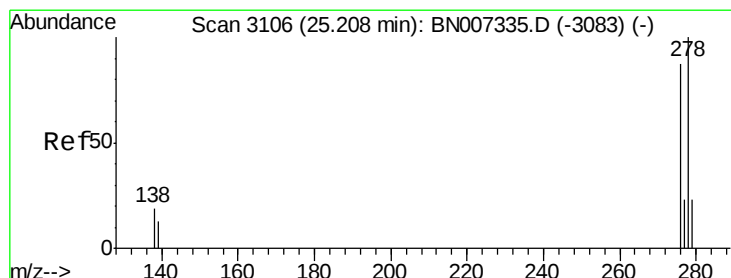
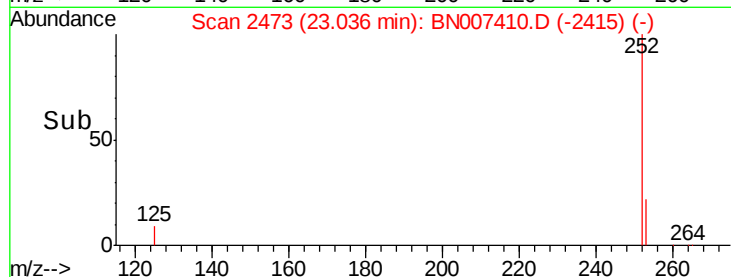
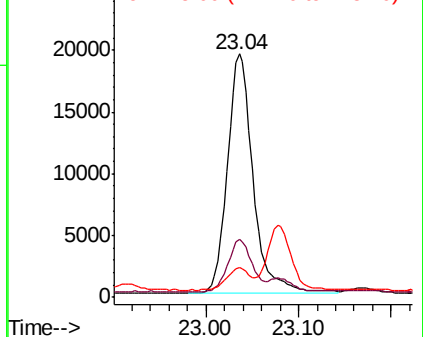
252 100

253 23.8 19.5 29.3

125 12.1 12.1 18.1#



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: 0.400 ng

RT: 25.21 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

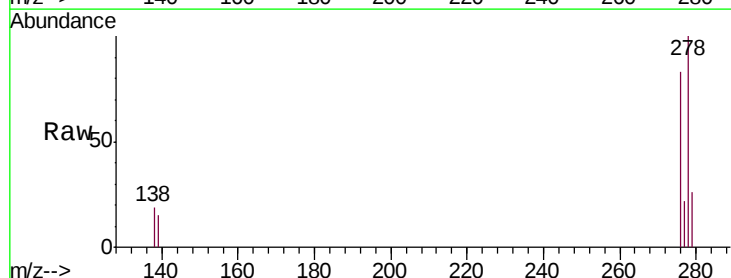
Tgt Ion:278 Resp: 38792

Ion Ratio Lower Upper

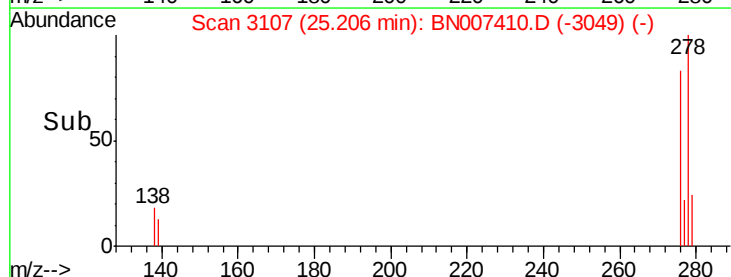
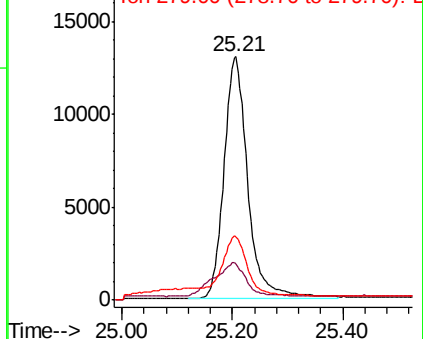
278 100

139 14.7 13.7 20.5

279 25.9 20.2 30.4



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: 0.412 ng

RT: 25.82 min Scan# 3285

Delta R.T. -0.00 min

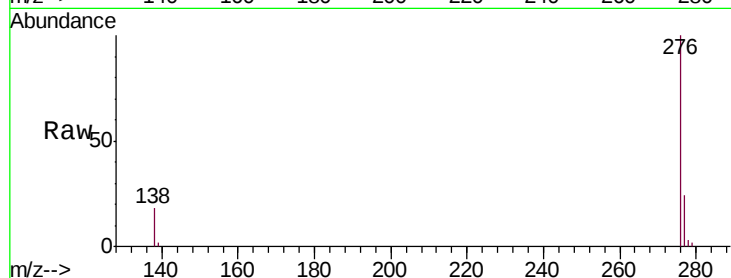
Lab File: BN007410.D

Acq: 26 Aug 2019 15:25

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 39810

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 18.4 16.3 24.5

