

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
 Data File : BN007375.D
 Acq On : 24 Aug 2019 22:06
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Aug 24 23:43:54 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	6319	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	26243	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	14241	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	31682	0.40	ng	0.00
27) Chrysene-d12	21.02	240	31417	0.40	ng	0.00
34) Perylene-d12	23.12	264	34033	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	8563	0.39	ng	0.00
5) Phenol-d6	6.59	99	10663	0.38	ng	0.00
8) Nitrobenzene-d5	8.53	82	8932	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	18212	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	3314	0.44	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	24398	0.42	ng	0.00
25) Fluoranthene-d10	18.84	212	42184	0.41	ng	0.00
29) Terphenyl-d14	19.46	244	33943	0.41	ng	0.00

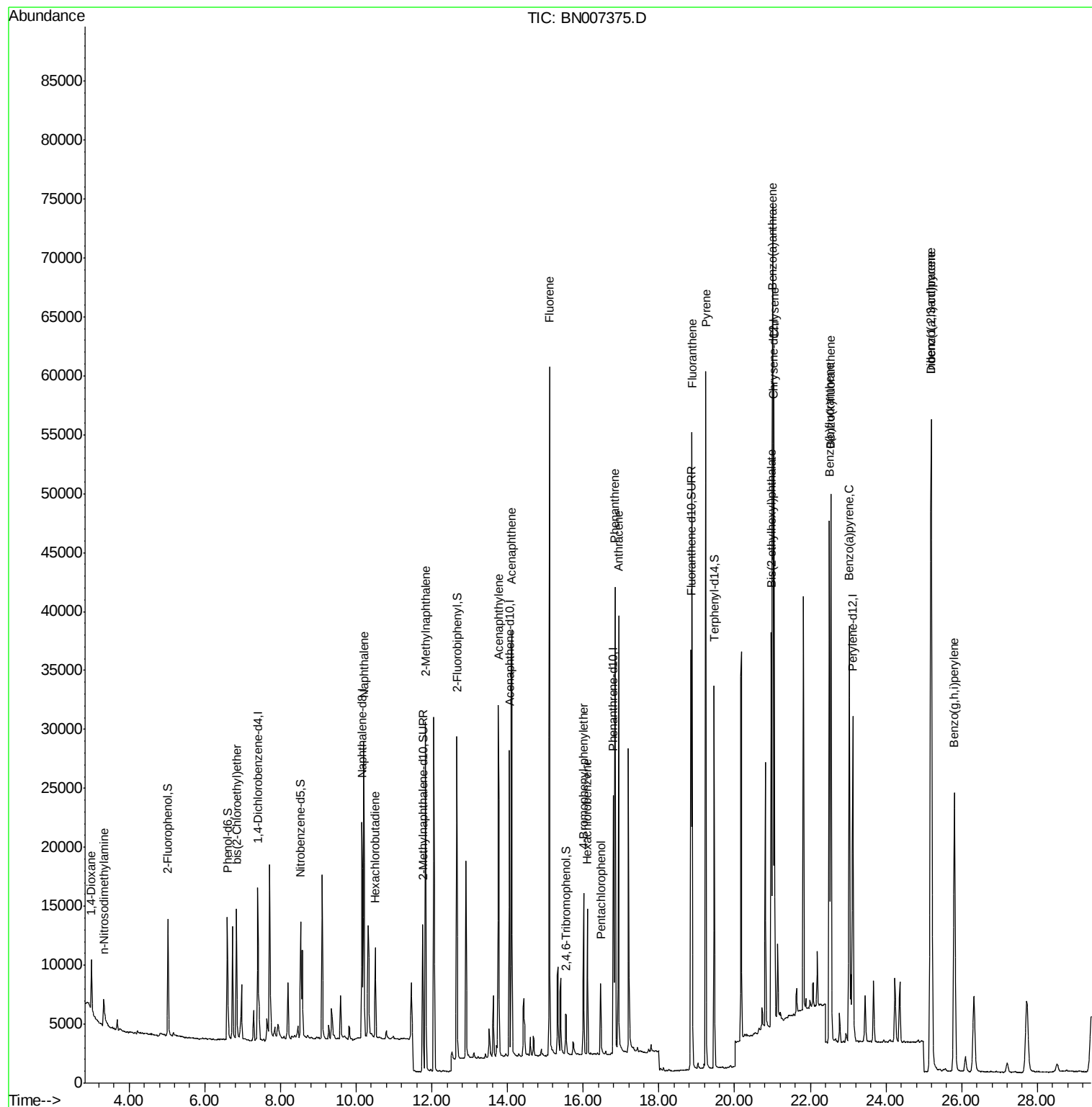
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	3847	0.366	ng	# 80
3) n-Nitrosodimethylamine	3.33	42	1799	0.369	ng	# 92
6) bis(2-Chloroethyl)ether	6.84	93	9244	0.405	ng	94
9) Naphthalene	10.20	128	31121	0.415	ng	# 90
10) Hexachlorobutadiene	10.51	225	6384	0.416	ng	# 100
12) 2-Methylnaphthalene	11.83	142	21239	0.416	ng	96
16) Acenaphthylene	13.76	152	34782	0.413	ng	99
17) Acenaphthene	14.11	154	20689	0.420	ng	97
18) Fluorene	15.10	166	26243	0.421	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	4767	0.382	ng	92
21) Hexachlorobenzene	16.11	284	9463	0.446	ng	96
22) Pentachlorophenol	16.46	266	3561	0.540	ng	# 64
23) Phenanthrene	16.84	178	41110	0.431	ng	99
24) Anthracene	16.93	178	40185	0.419	ng	99
26) Fluoranthene	18.87	202	51708	0.423	ng	100
28) Pyrene	19.24	202	53294	0.422	ng	100
30) Benzo(a)anthracene	21.00	228	51727	0.419	ng	100
31) Chrysene	21.05	228	50506	0.424	ng	98
32) Bis(2-ethylhexyl)phthalate	20.97	149	31373	0.374	ng	99
33) Indeno(1,2,3-cd)pyrene	25.19	276	60523	0.422	ng	98
35) Benzo(b)fluoranthene	22.50	252	52522	0.426	ng	# 95
36) Benzo(k)fluoranthene	22.54	252	52268	0.429	ng	99
37) Benzo(a)pyrene	23.03	252	48540	0.414	ng	# 94
38) Dibenzo(a,h)anthracene	25.20	278	48363	0.413	ng	# 68
39) Benzo(g,h,i)perylene	25.81	276	48545	0.416	ng	97

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

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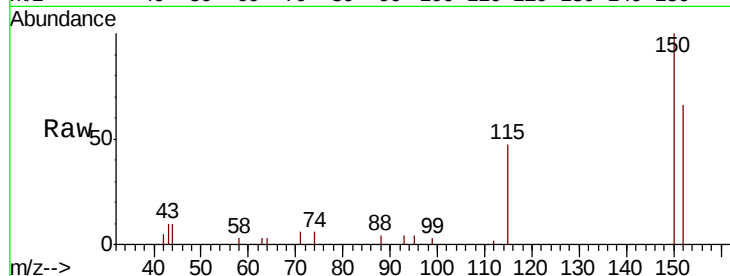


#1

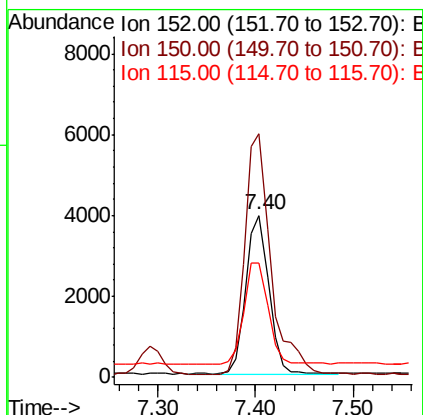
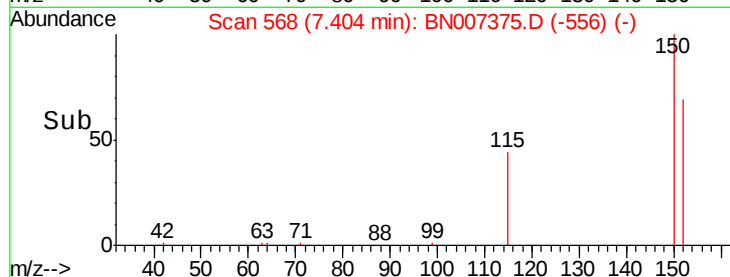
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6319
Ion Ratio Lower Upper
152 100
150 150.4 109.1 163.7
115 71.0 59.6 89.4



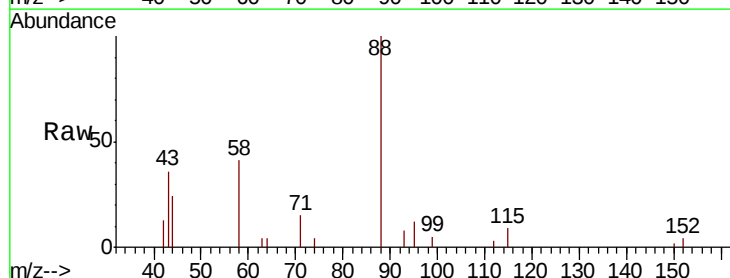
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



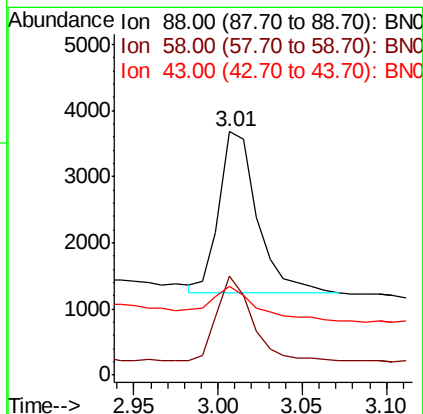
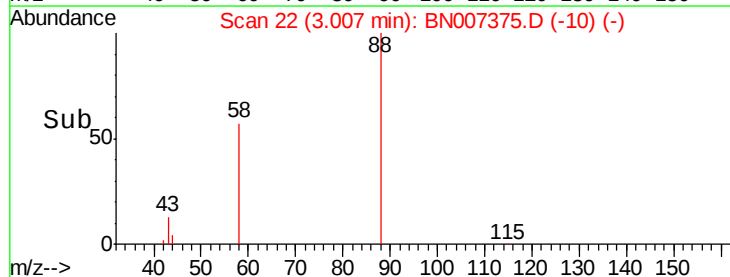
#2

1,4-Dioxane
Concen: 0.366 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Tgt Ion: 88 Resp: 3847
Ion Ratio Lower Upper
88 100
58 47.4 50.5 75.7#
43 27.1 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: 0.369 ng

RT: 3.33 min Scan# 62

Delta R.T. -0.00 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

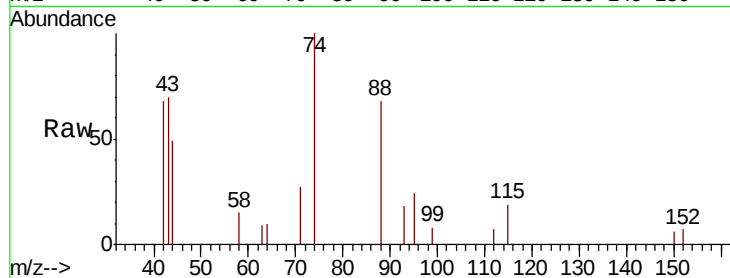
Tgt Ion: 42 Resp: 1799

Ion Ratio Lower Upper

42 100

74 192.1 144.7 217.1

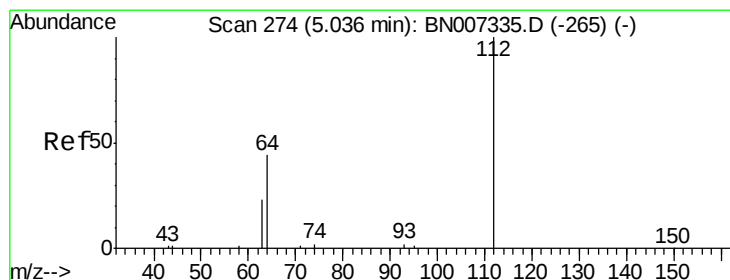
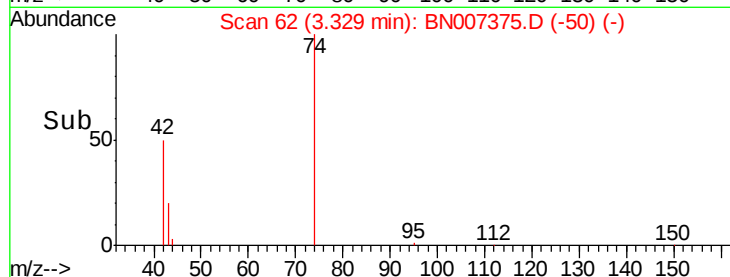
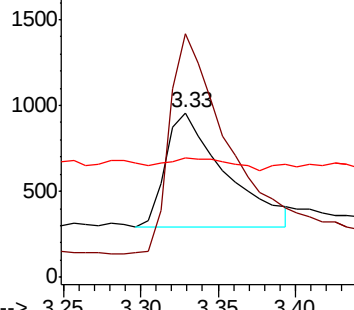
44 12.2 3.2 4.8#



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: 0.390 ng

RT: 5.04 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

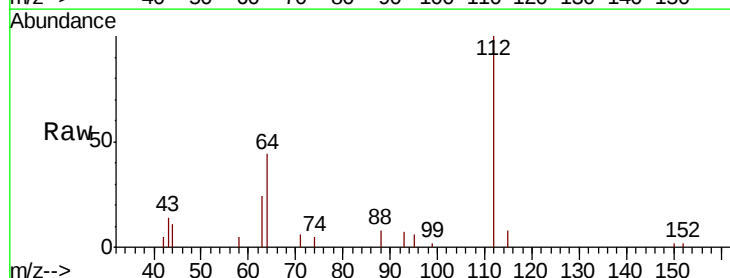
Tgt Ion: 112 Resp: 8563

Ion Ratio Lower Upper

112 100

64 52.2 42.3 63.5

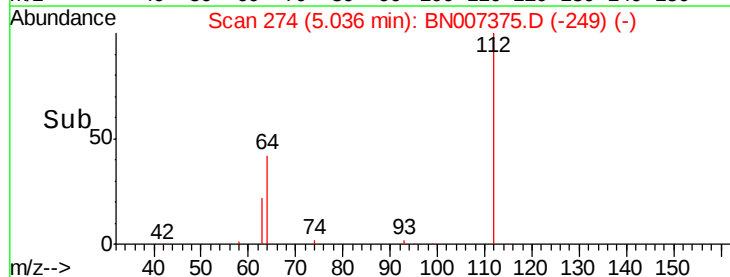
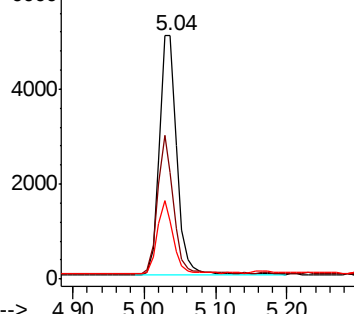
63 27.8 23.6 35.4

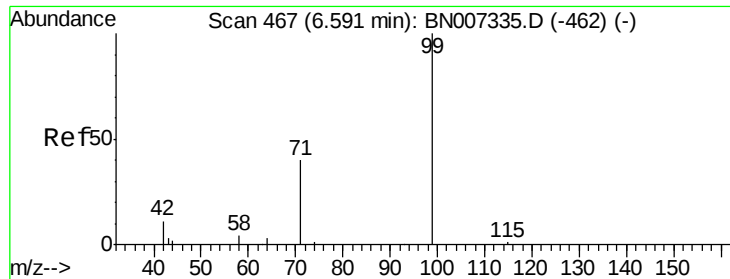


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.381 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

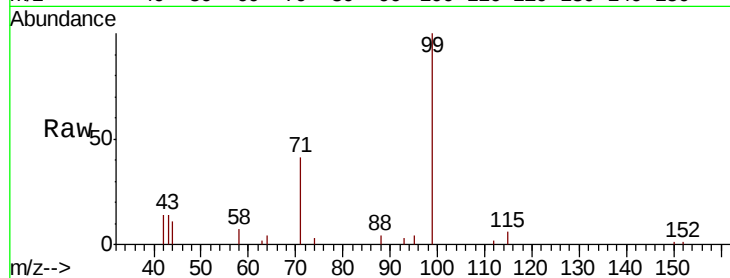
Tgt Ion: 99 Resp: 10663

Ion Ratio Lower Upper

99 100

42 11.8 11.2 16.8

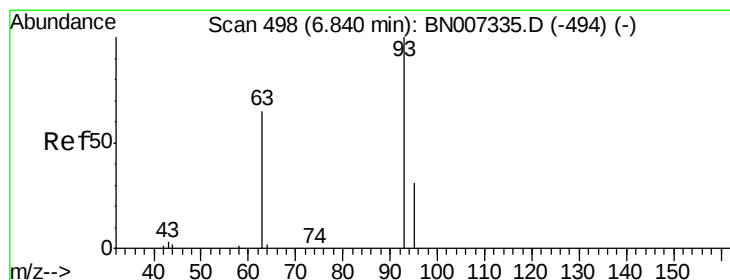
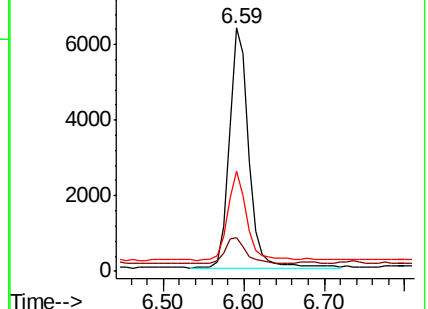
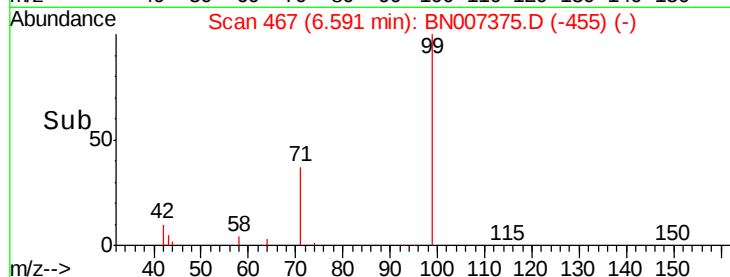
71 36.1 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007335.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007335.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007335.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.405 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.00 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

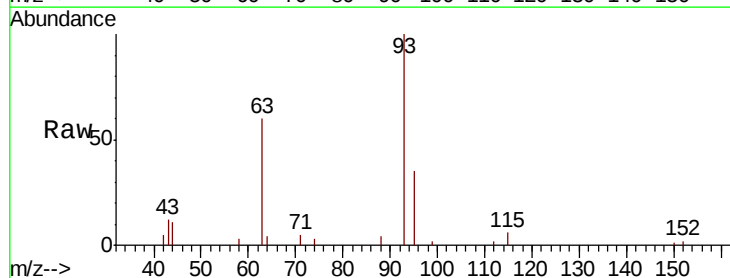
Tgt Ion: 93 Resp: 9244

Ion Ratio Lower Upper

93 100

63 60.7 51.9 77.9

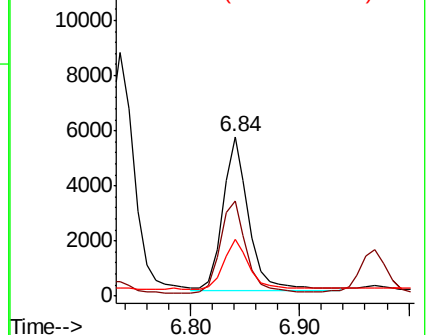
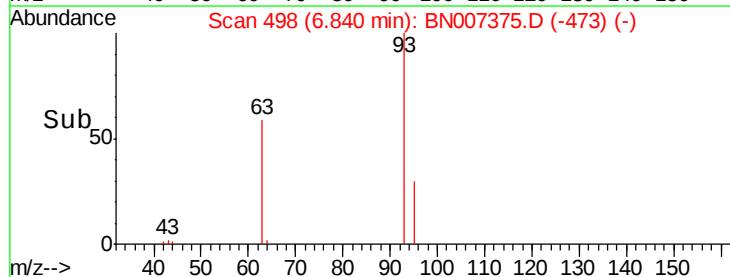
95 30.8 27.7 41.5



Abundance Ion 93.00 (92.70 to 93.70): BN007335.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN007335.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007335.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 26243

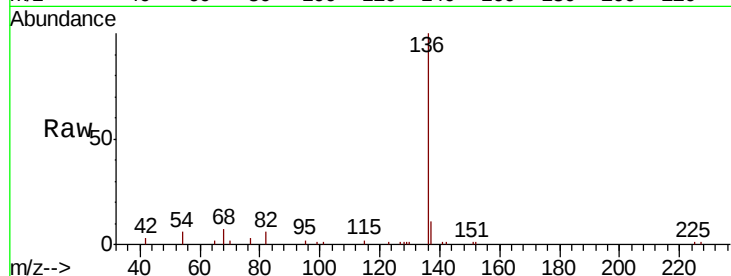
Ion Ratio Lower Upper

136 100

137 11.3 12.9 19.3#

54 5.7 8.6 12.8#

68 7.4 17.0 25.4#

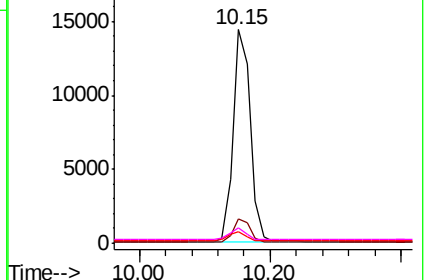
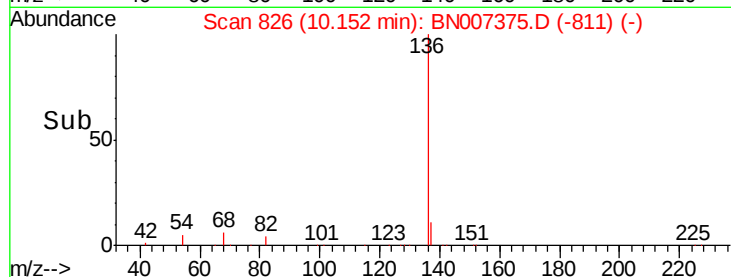


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.391 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

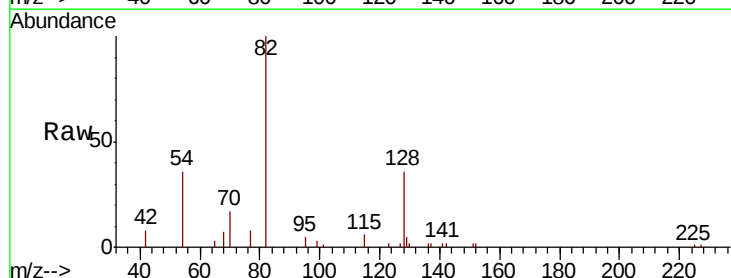
Tgt Ion: 82 Resp: 8932

Ion Ratio Lower Upper

82 100

128 36.3 19.7 29.5#

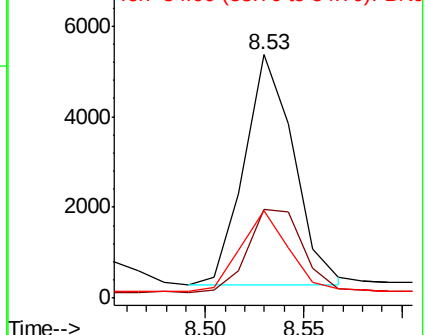
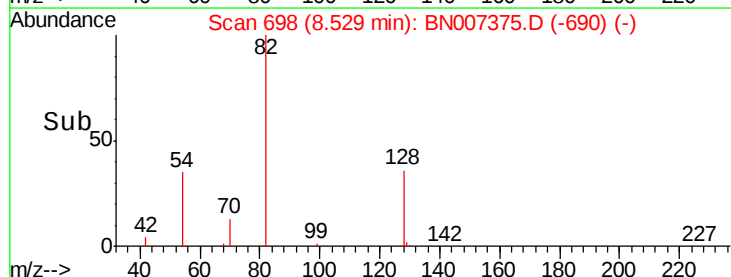
54 35.8 25.8 38.6



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: 0.415 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

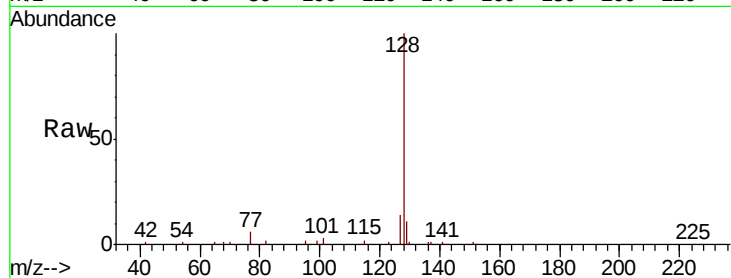
Tgt Ion:128 Resp: 31121

Ion Ratio Lower Upper

128 100

129 11.2 11.1 16.7

127 13.6 15.5 23.3#

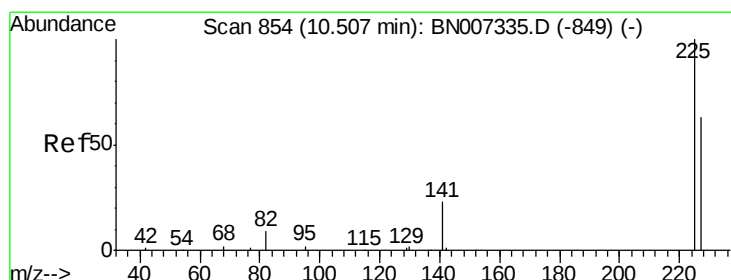
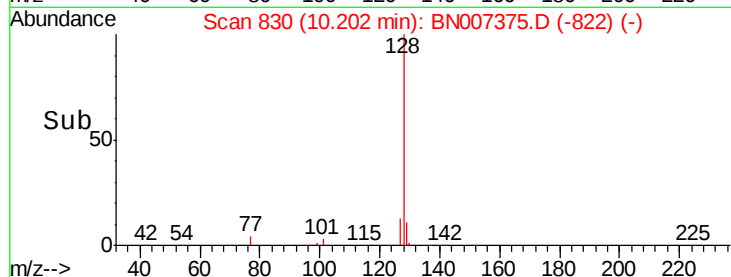
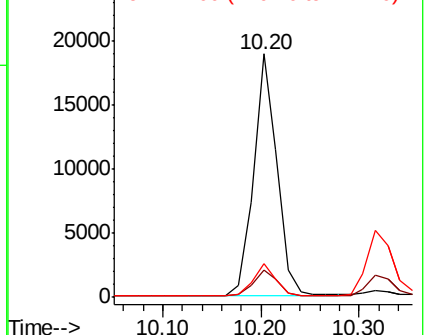


Abundance

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: 0.416 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

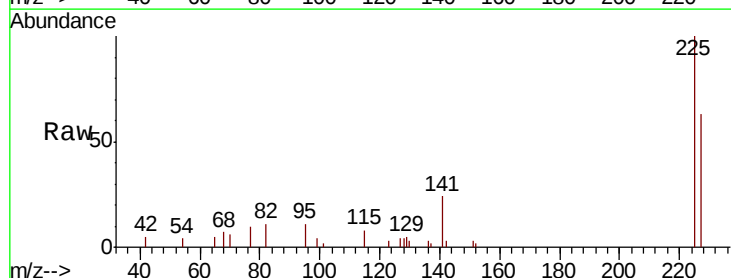
Tgt Ion:225 Resp: 6384

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.7 50.7 76.1

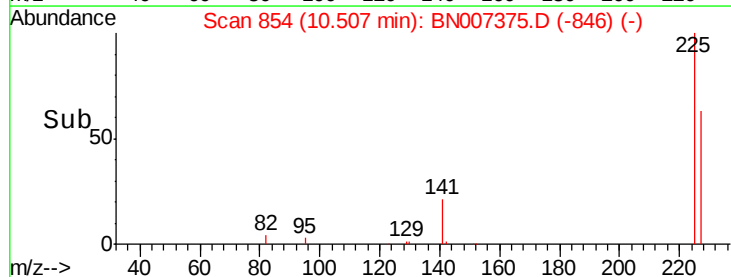
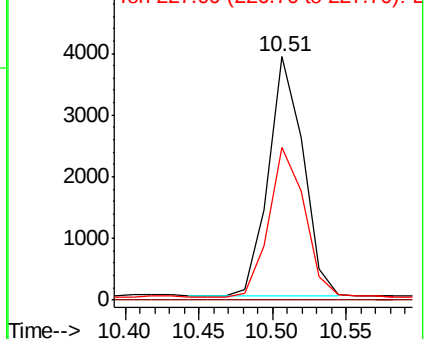


Abundance

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: 0.418 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

Instrument :

BNA_N

ClientSampleId :

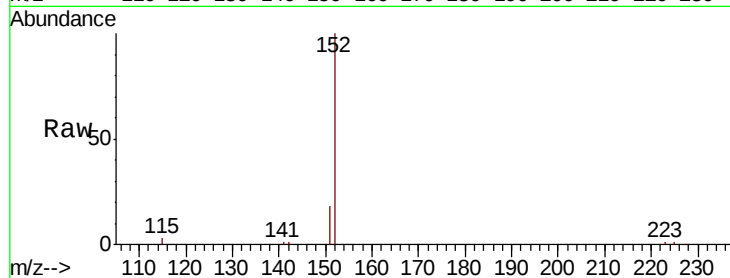
SSTDCCC0.4EC

Tgt Ion:152 Resp: 18212

Ion Ratio Lower Upper

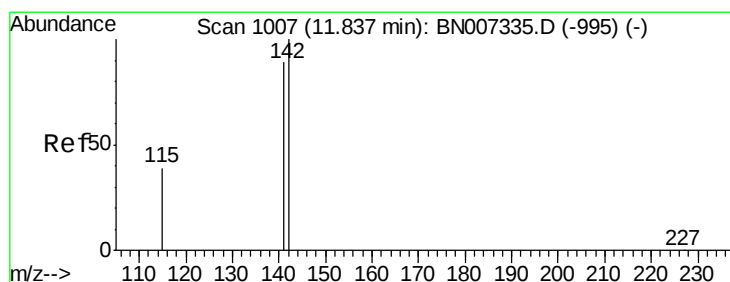
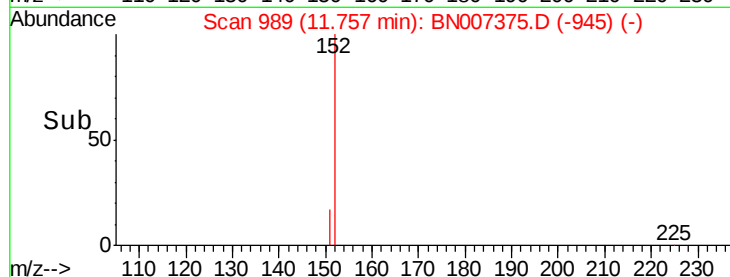
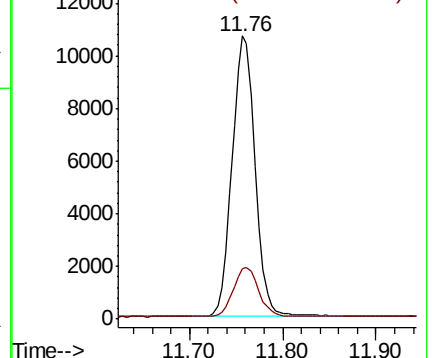
152 100

151 19.4 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.416 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

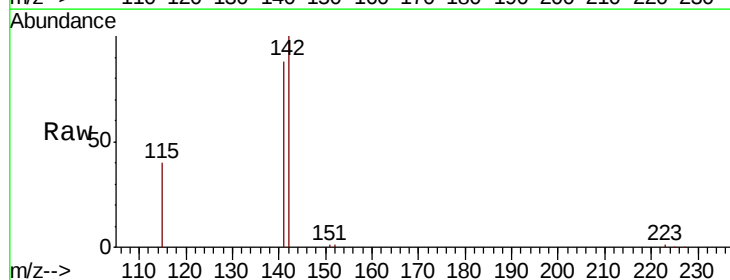
Tgt Ion:142 Resp: 21239

Ion Ratio Lower Upper

142 100

141 88.3 72.8 109.2

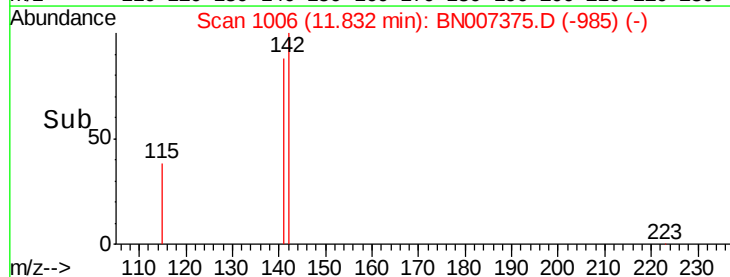
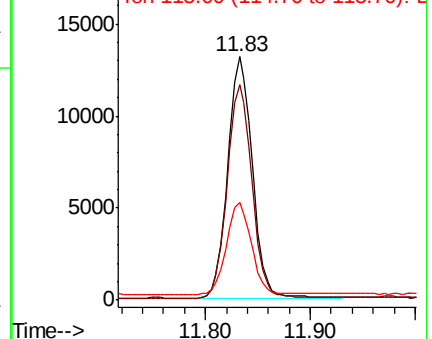
115 40.3 35.2 52.8



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





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

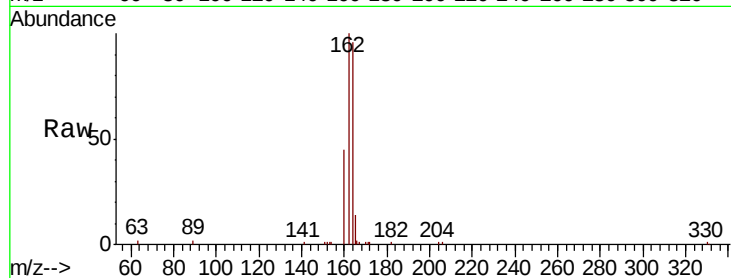
Tgt Ion:164 Resp: 14241

Ion Ratio Lower Upper

164 100

162 104.1 83.5 125.3

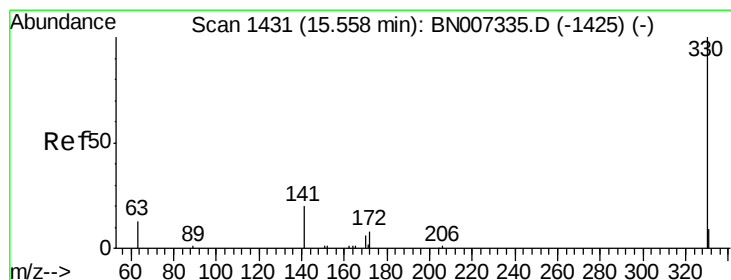
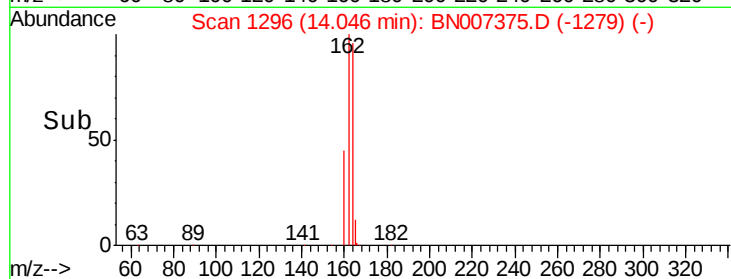
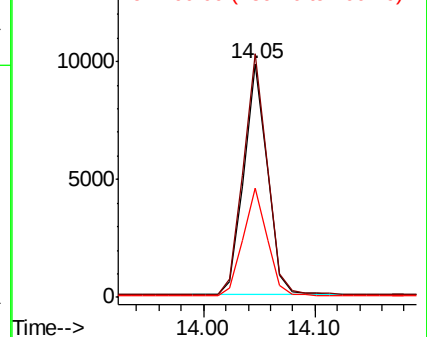
160 46.7 38.2 57.4



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: 0.445 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

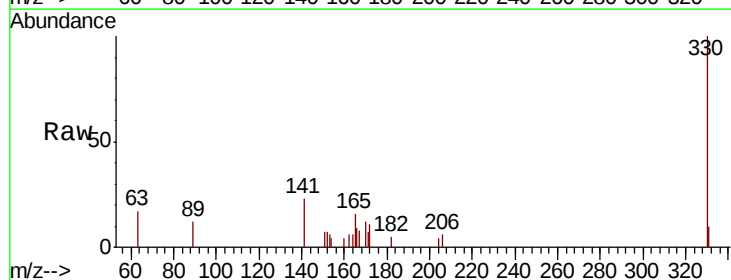
Tgt Ion:330 Resp: 3314

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

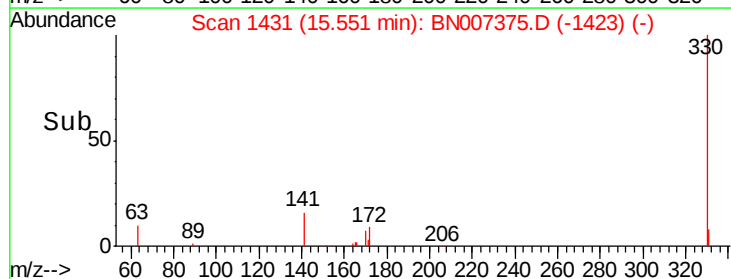
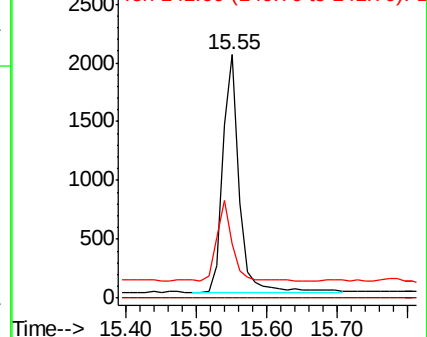
141 34.2 26.9 40.3



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

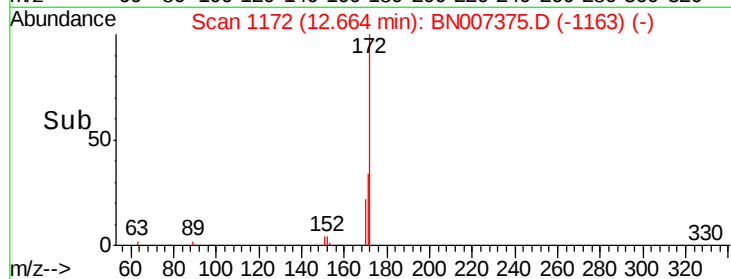
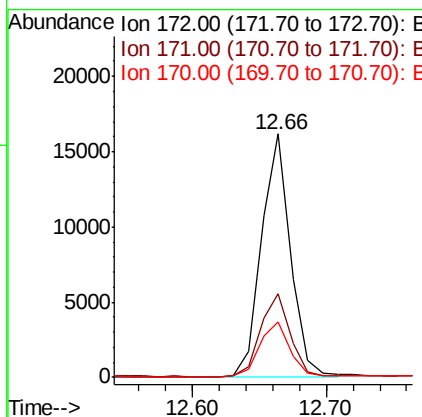
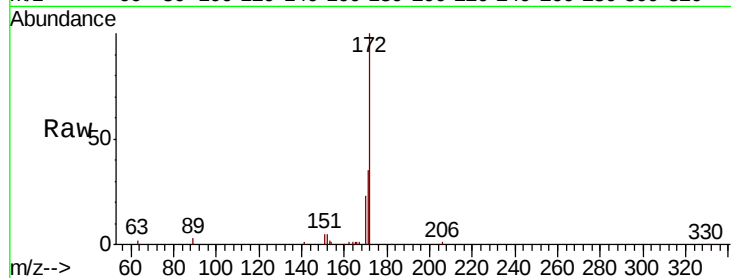




#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

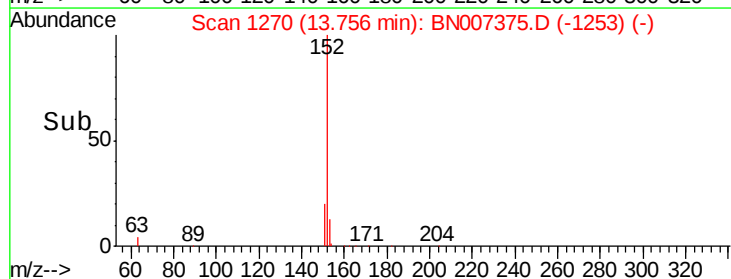
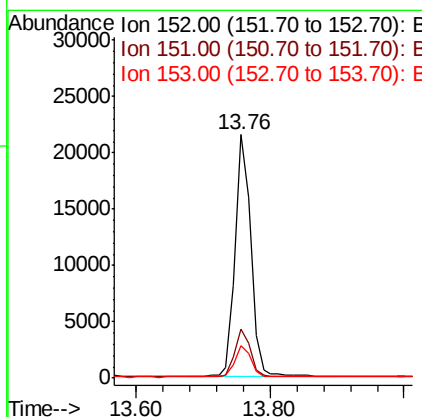
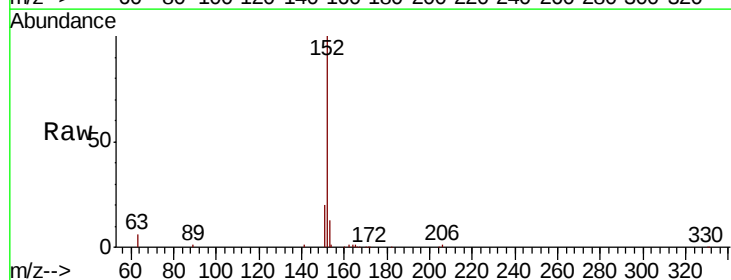
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 24398
Ion Ratio Lower Upper
172 100
171 34.6 30.3 45.5
170 22.5 20.7 31.1



#16
Acenaphthylene
Concen: 0.413 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Tgt Ion:152 Resp: 34782
Ion Ratio Lower Upper
152 100
151 19.5 16.1 24.1
153 12.9 10.6 15.8





#17

Acenaphthene

Concen: 0.420 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

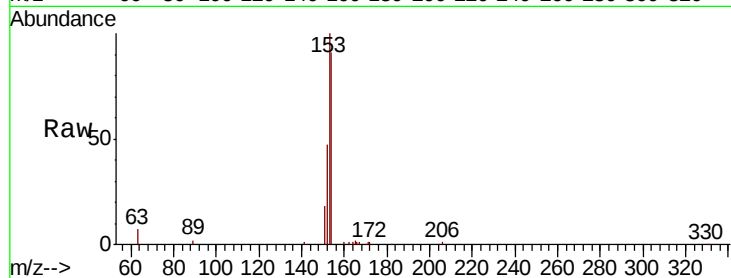
Tgt Ion:154 Resp: 20689

Ion Ratio Lower Upper

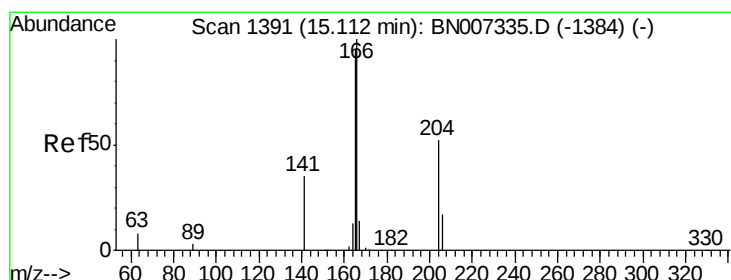
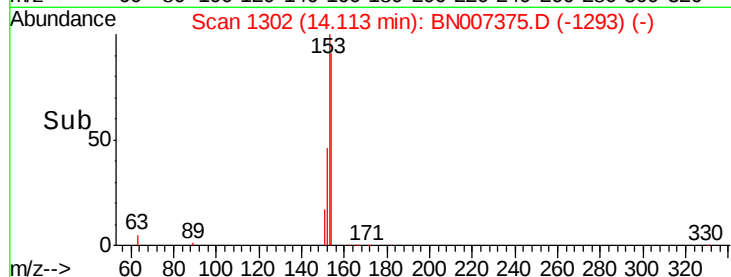
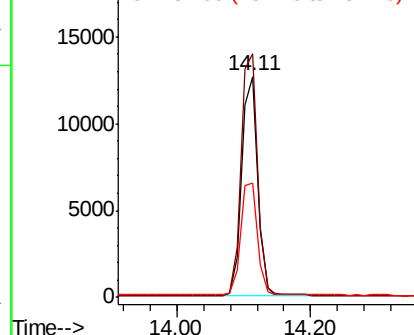
154 100

153 112.5 92.8 139.2

152 53.2 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: 0.421 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

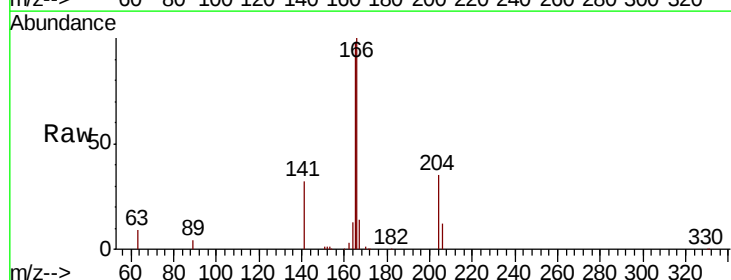
Tgt Ion:166 Resp: 26243

Ion Ratio Lower Upper

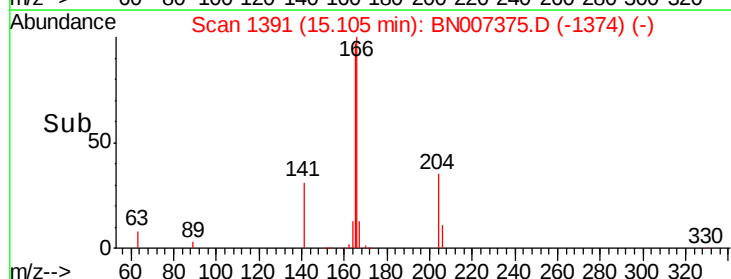
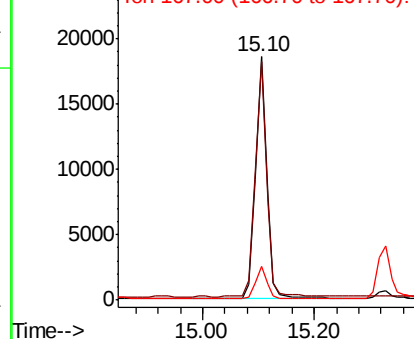
166 100

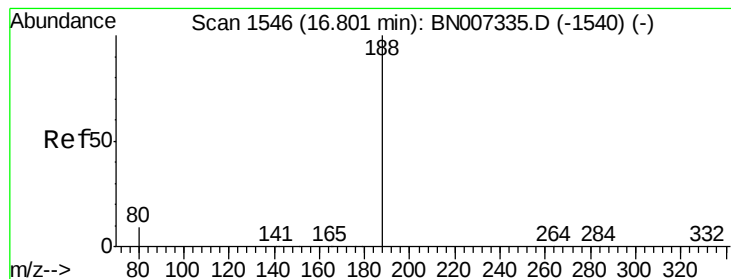
165 97.6 79.0 118.4

167 13.3 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: BN007375.D

Acq: 24 Aug 2019 22:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

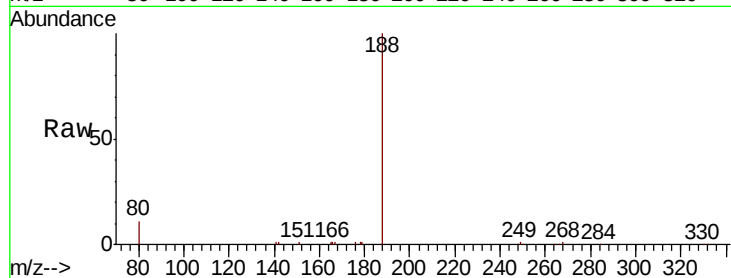
Tgt Ion:188 Resp: 31682

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

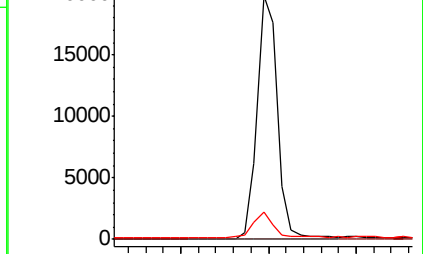
80 11.2 11.8 17.8#



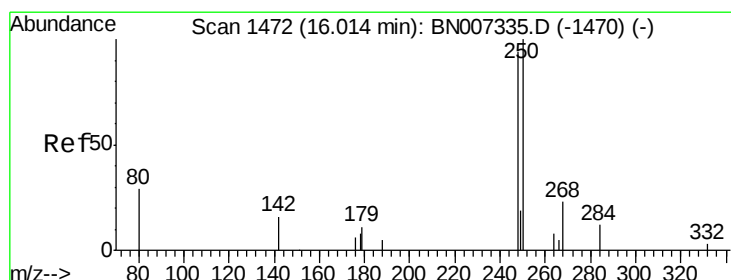
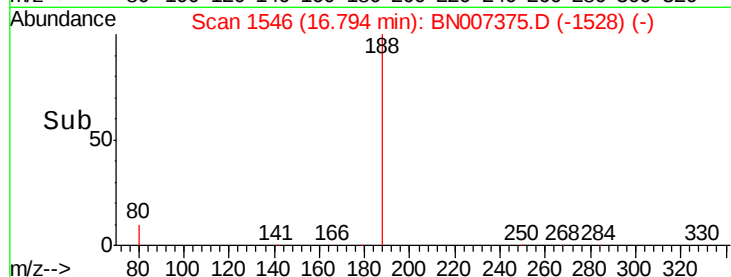
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.382 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

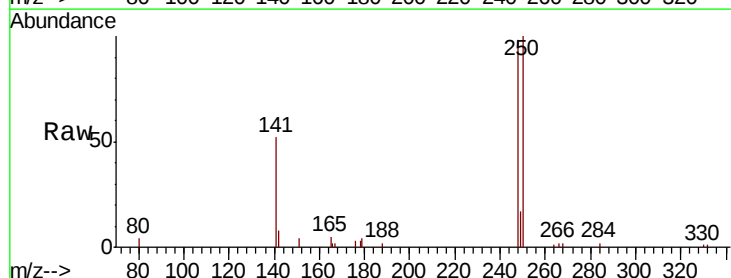
Tgt Ion:248 Resp: 4767

Ion Ratio Lower Upper

248 100

250 102.2 85.0 127.6

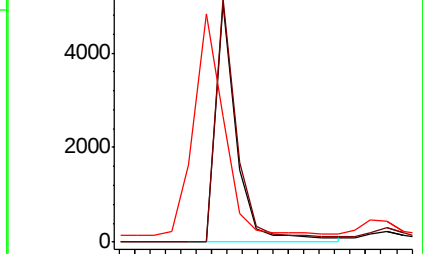
141 52.9 51.7 77.5



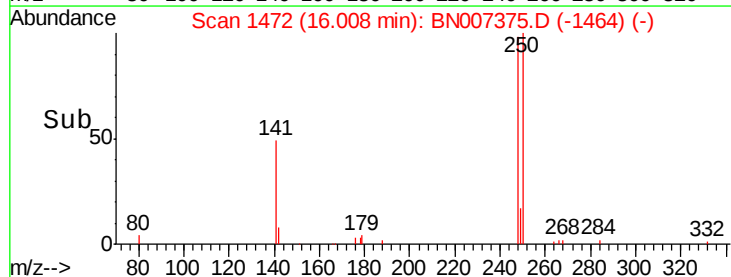
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

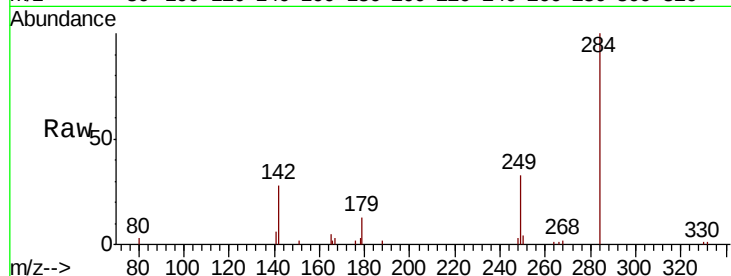




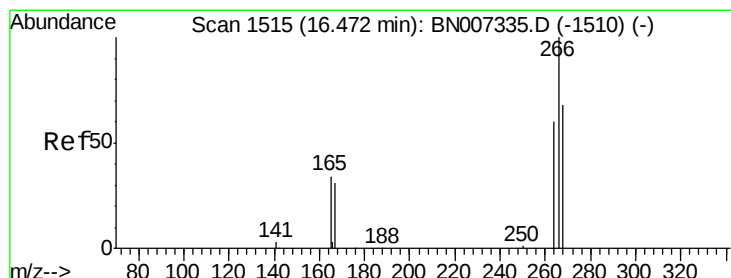
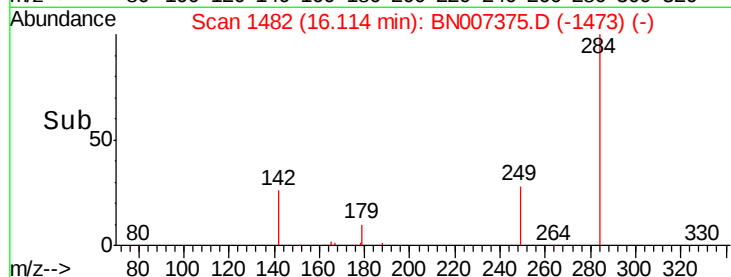
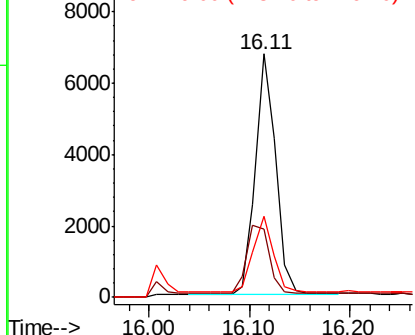
#21
Hexachlorobenzene
Concen: 0.446 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 9463
Ion Ratio Lower Upper
284 100
142 31.9 29.0 43.6
249 31.0 24.9 37.3

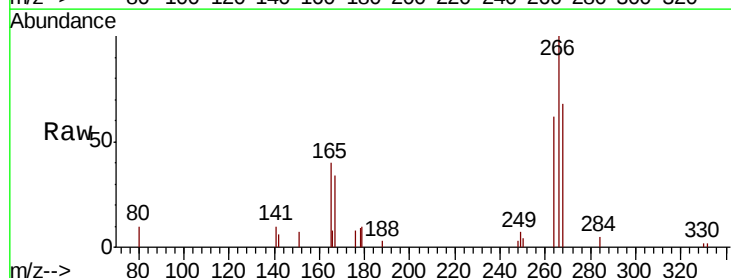


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

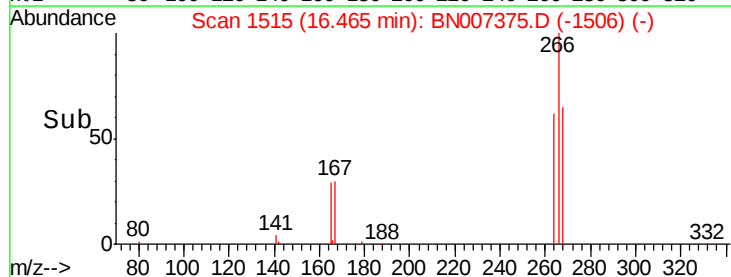
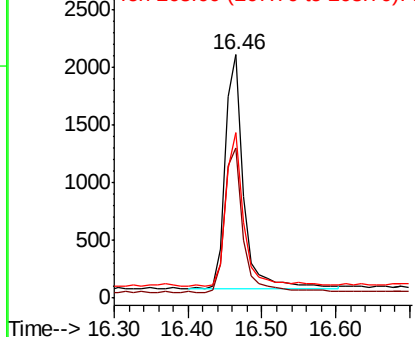


#22
Pentachlorophenol
Concen: 0.540 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Tgt Ion:266 Resp: 3561
Ion Ratio Lower Upper
266 100
264 61.7 57.8 86.8
268 68.0 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: 0.431 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

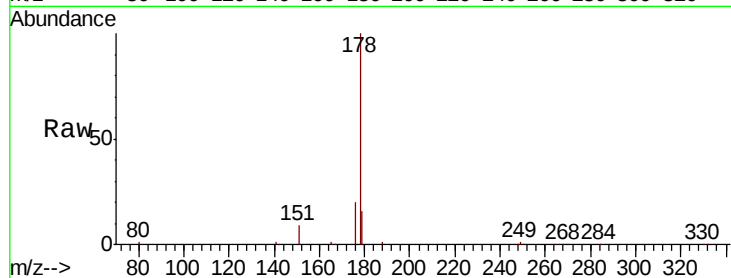
Tgt Ion:178 Resp: 41110

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

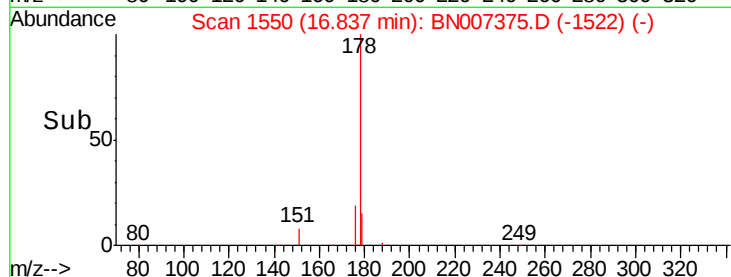
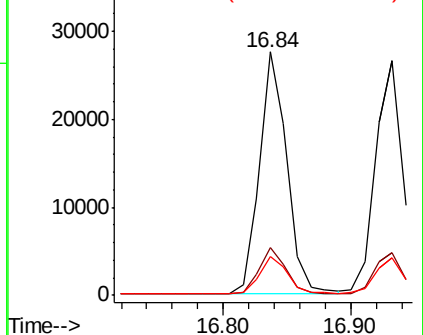
179 15.5 12.6 19.0



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: 0.419 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

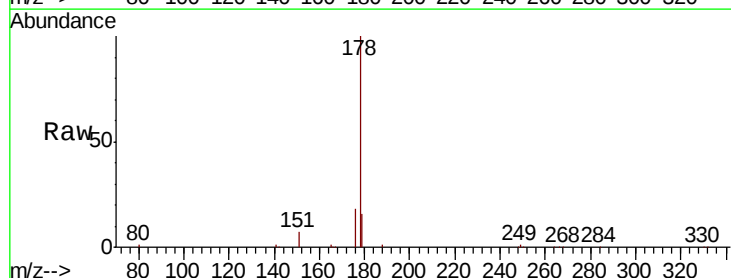
Tgt Ion:178 Resp: 40185

Ion Ratio Lower Upper

178 100

176 18.1 14.9 22.3

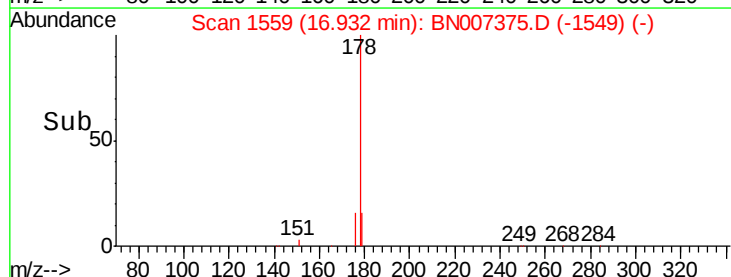
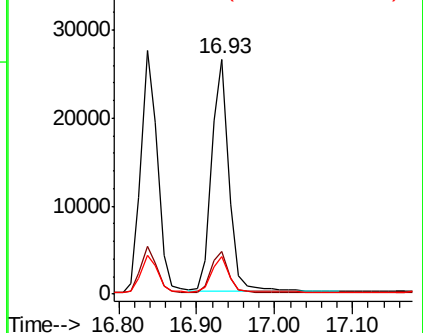
179 15.4 12.4 18.6

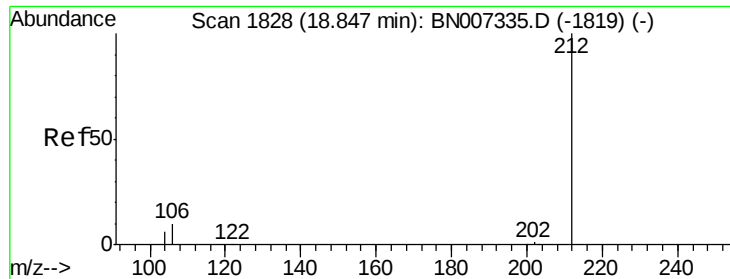


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

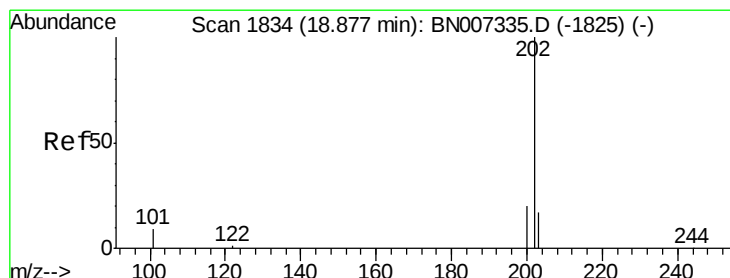
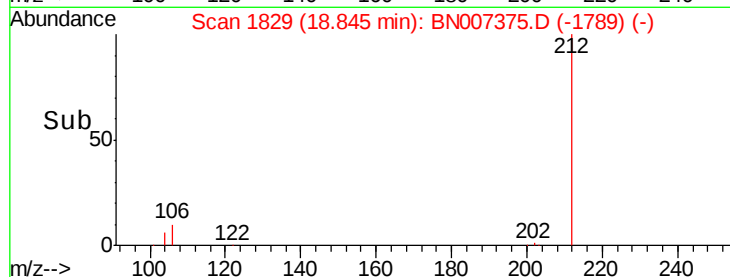
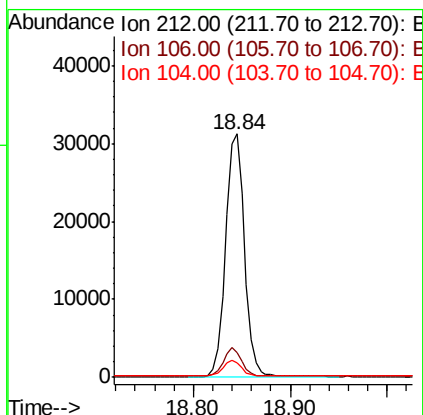
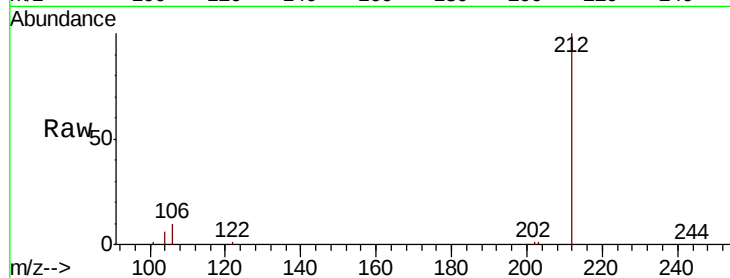




#25
 Fluoranthene-d10
 Concen: 0.413 ng
 RT: 18.84 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BN007375.D
 Acq: 24 Aug 2019 22:06

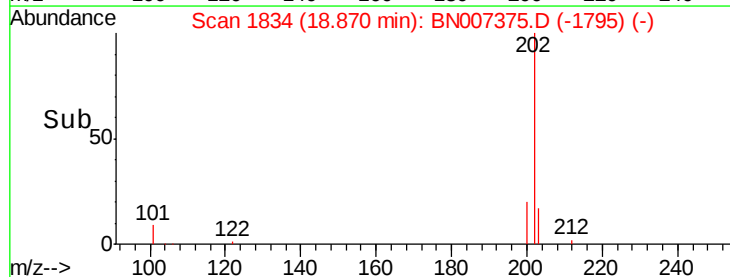
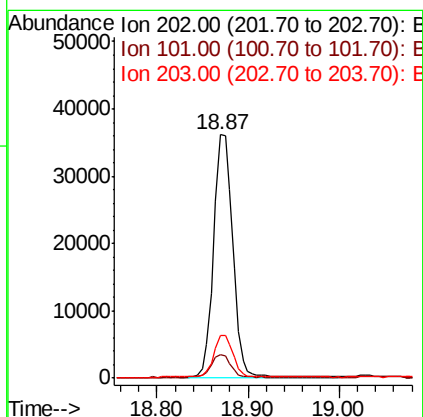
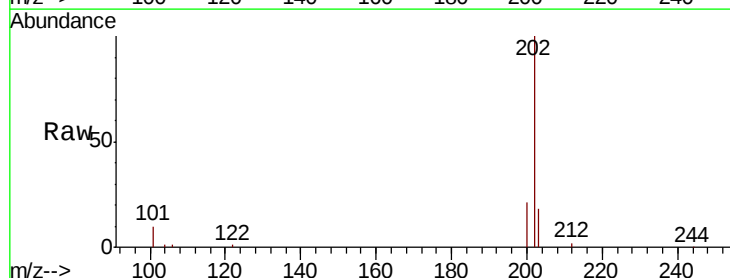
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 212 Resp: 42184
 Ion Ratio Lower Upper
 212 100
 106 11.1 9.0 13.4
 104 6.2 5.4 8.2



#26
 Fluoranthene
 Concen: 0.423 ng
 RT: 18.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BN007375.D
 Acq: 24 Aug 2019 22:06

Tgt Ion: 202 Resp: 51708
 Ion Ratio Lower Upper
 202 100
 101 9.5 7.7 11.5
 203 17.0 13.7 20.5

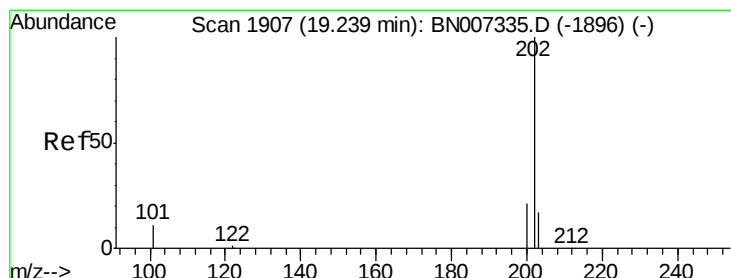
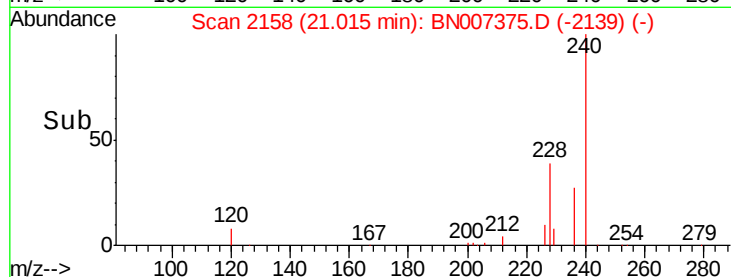
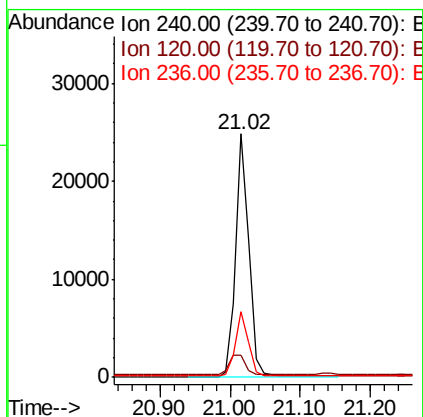
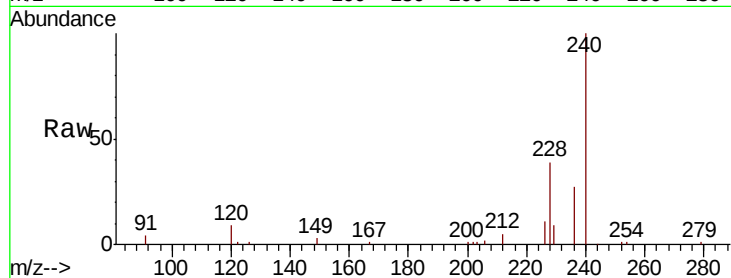




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.02 min Scan# 2158
 Delta R.T. -0.00 min
 Lab File: BN007375.D
 Acq: 24 Aug 2019 22:06

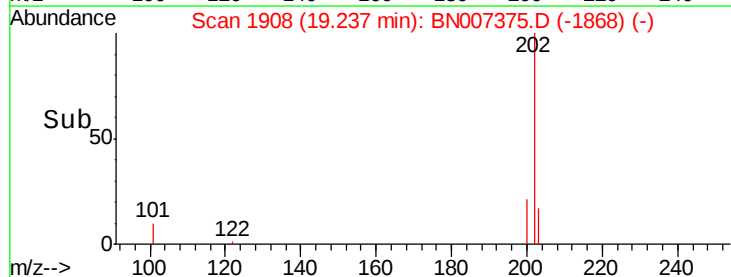
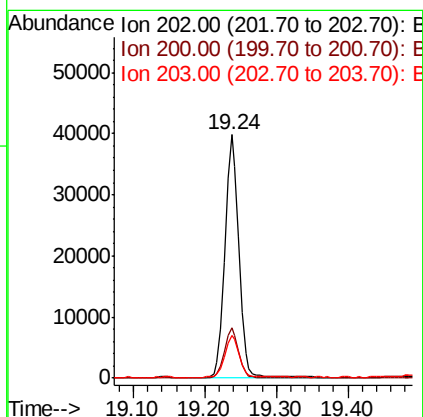
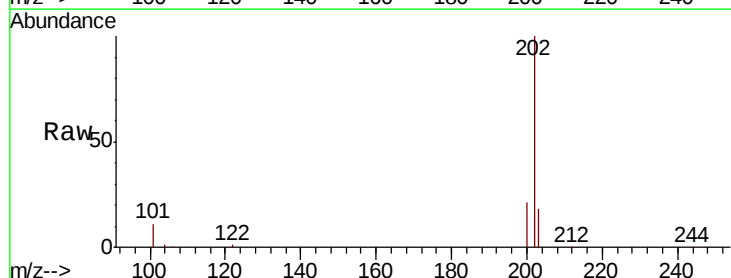
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:240 Resp: 31417
 Ion Ratio Lower Upper
 240 100
 120 9.1 9.6 14.4#
 236 27.1 22.2 33.2



#28
 Pyrene
 Concen: 0.422 ng
 RT: 19.24 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BN007375.D
 Acq: 24 Aug 2019 22:06

Tgt Ion:202 Resp: 53294
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.6 25.0
 203 17.7 14.2 21.4





#29

Terphenyl-d14

Concen: 0.413 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

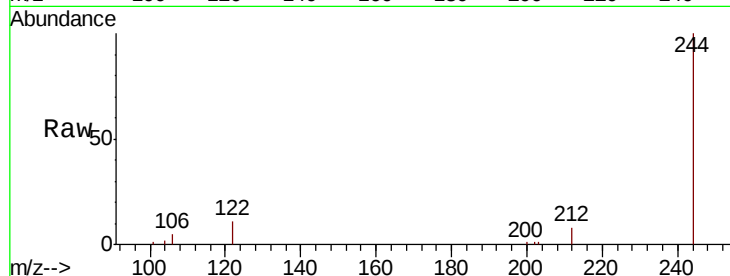
Tgt Ion:244 Resp: 33943

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

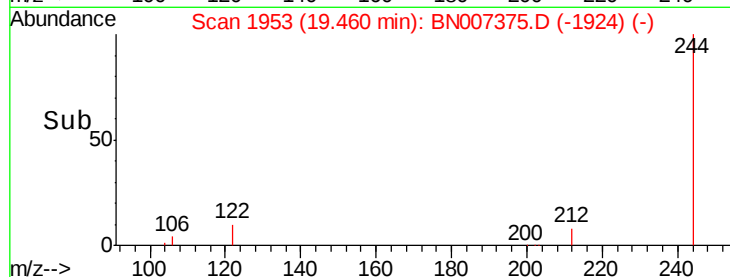
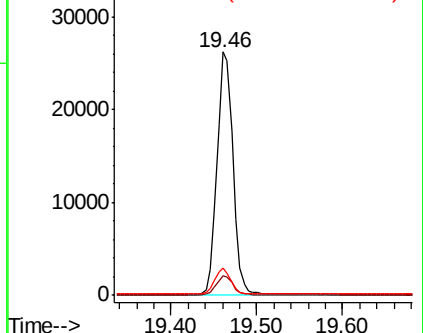
122 11.0 9.6 14.4



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: 0.419 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

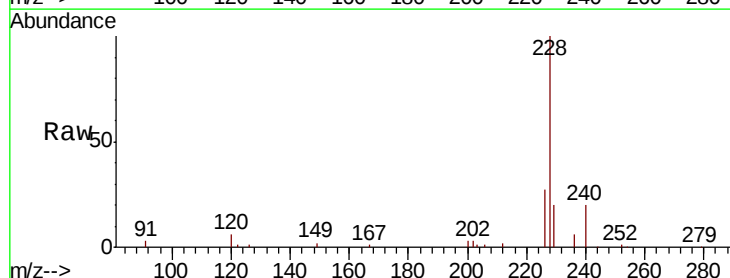
Tgt Ion:228 Resp: 51727

Ion Ratio Lower Upper

228 100

226 26.8 21.3 31.9

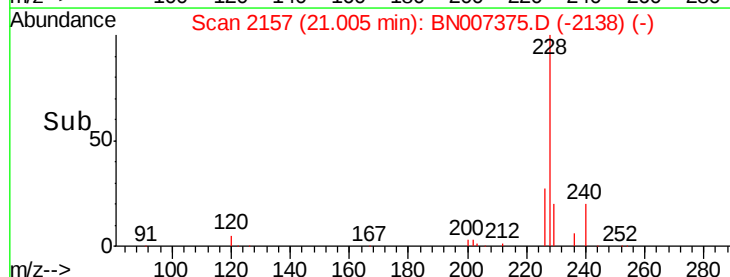
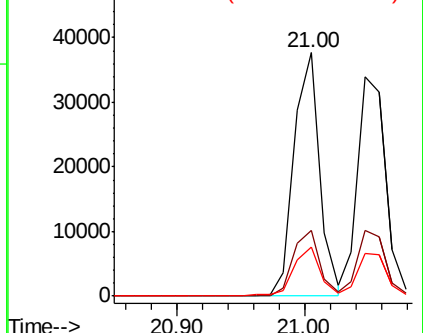
229 20.2 16.1 24.1



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: 0.424 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

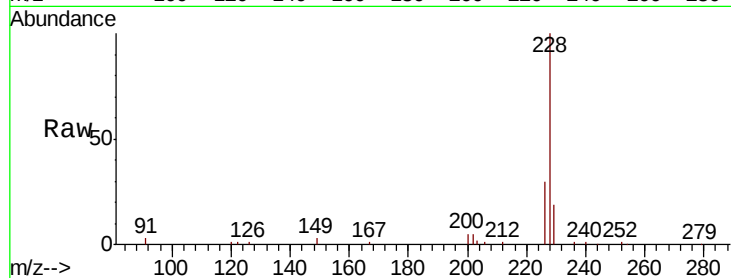
Tgt Ion:228 Resp: 50506

Ion Ratio Lower Upper

228 100

226 30.2 23.5 35.3

229 19.4 16.6 24.8

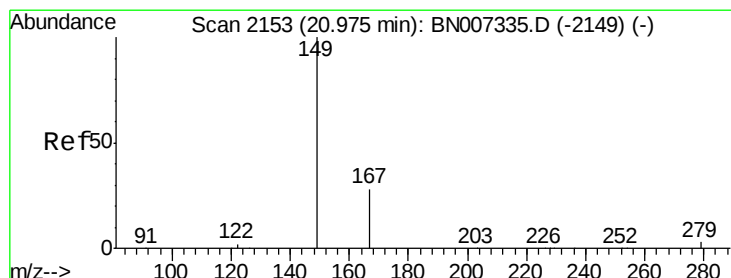
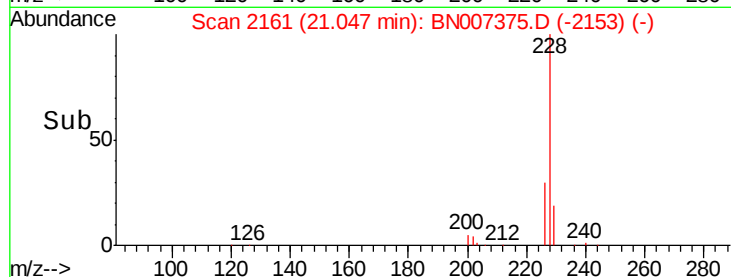
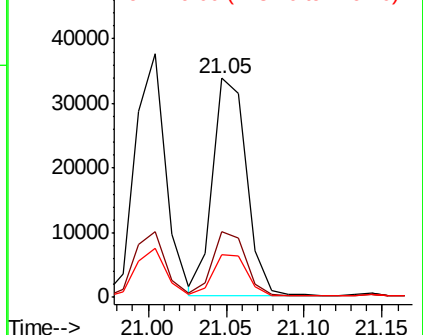


Abundance

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: 0.374 ng

RT: 20.97 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

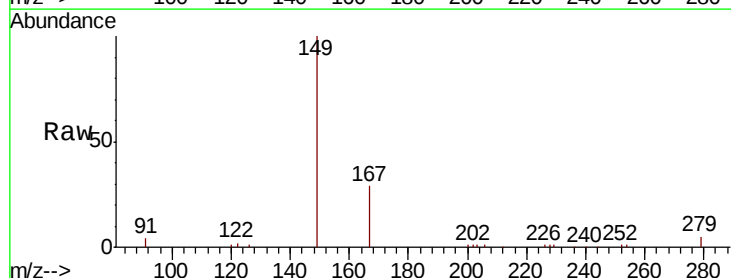
Tgt Ion:149 Resp: 31373

Ion Ratio Lower Upper

149 100

167 28.0 22.8 34.2

279 4.5 3.5 5.3

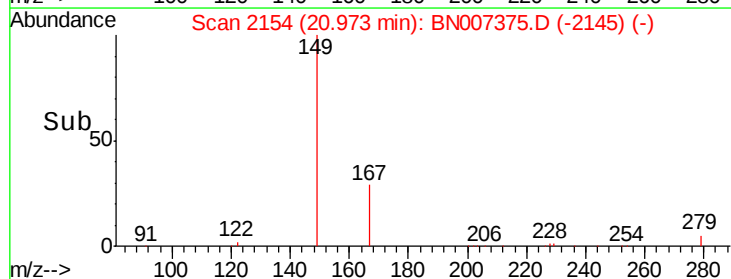
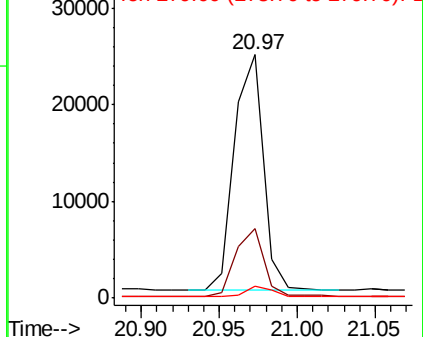


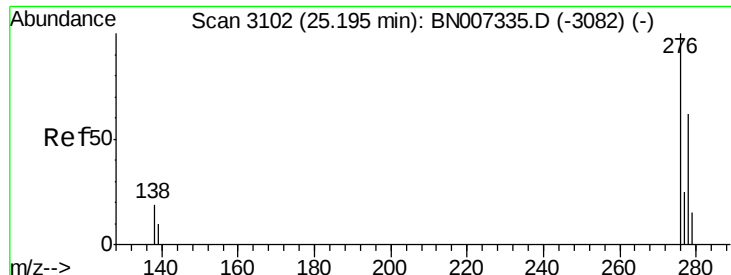
Abundance

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

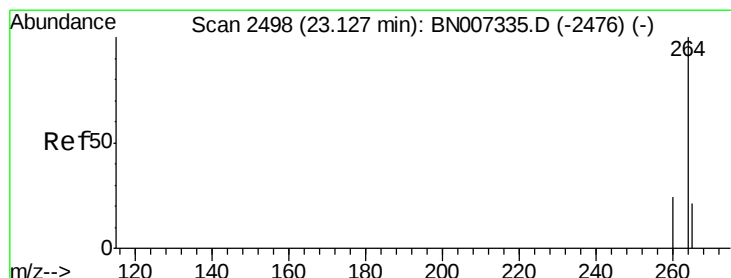
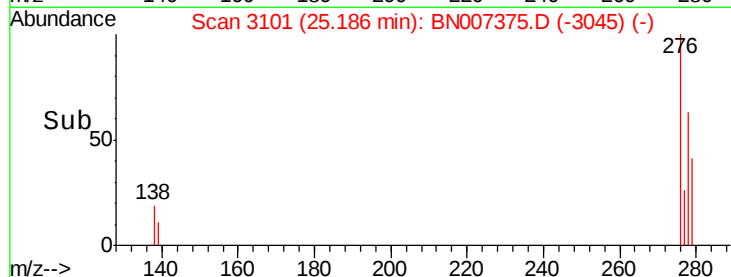
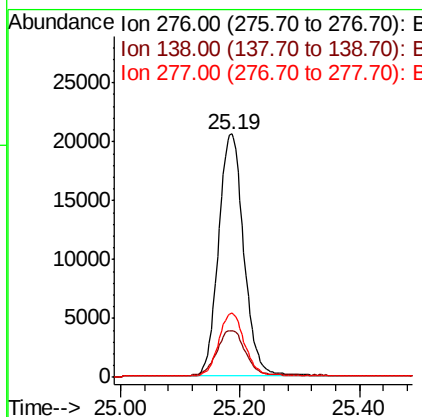
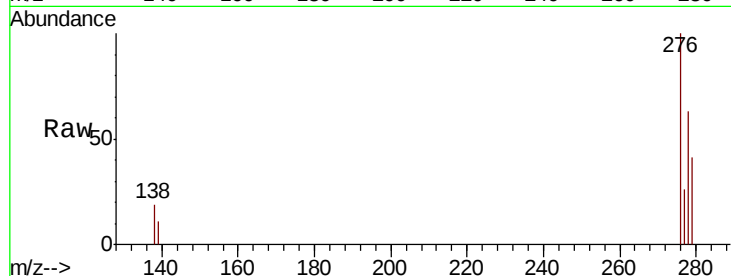




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.422 ng
 RT: 25.19 min Scan# 3101
 Delta R.T. -0.01 min
 Lab File: BN007375.D
 Acq: 24 Aug 2019 22:06

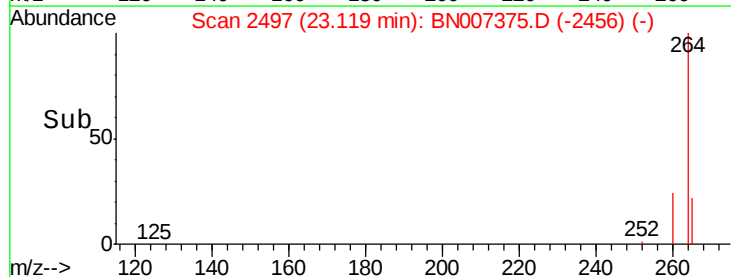
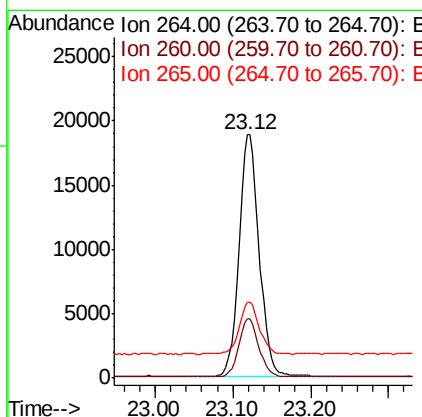
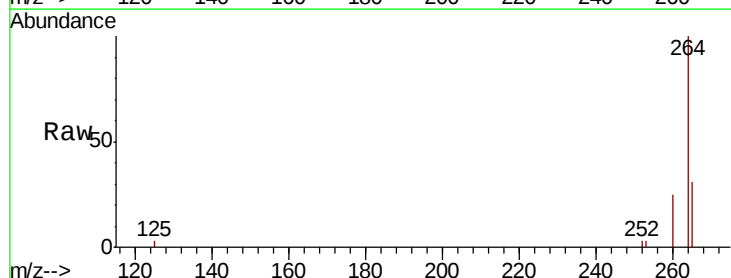
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

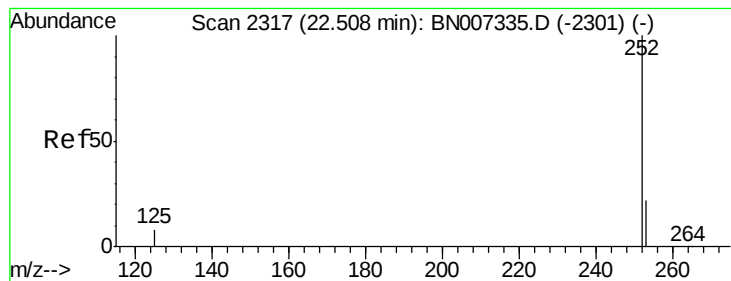
Tgt Ion: 276 Resp: 60523
 Ion Ratio Lower Upper
 276 100
 138 20.1 15.1 22.7
 277 25.7 19.7 29.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.12 min Scan# 2497
 Delta R.T. -0.01 min
 Lab File: BN007375.D
 Acq: 24 Aug 2019 22:06

Tgt Ion: 264 Resp: 34033
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.7 29.5
 265 31.2 29.9 44.9





#35

Benzo(b)fluoranthene

Concen: 0.426 ng

RT: 22.50 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

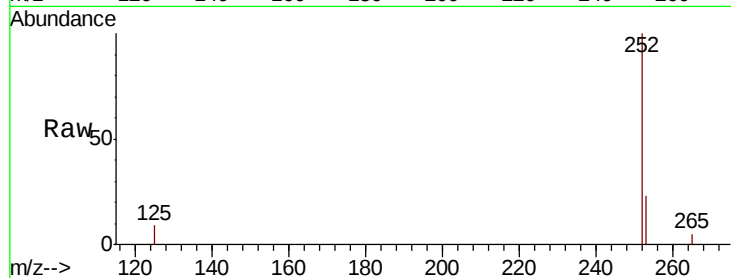
Tgt Ion:252 Resp: 52522

Ion Ratio Lower Upper

252 100

253 22.9 19.2 28.8

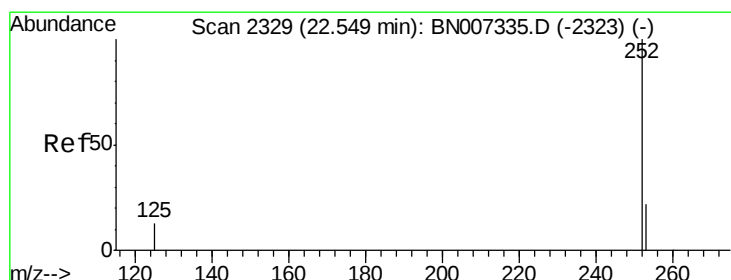
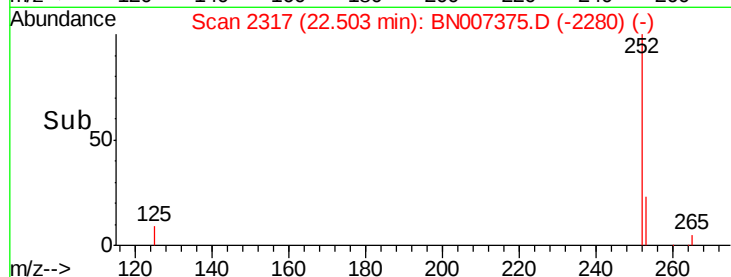
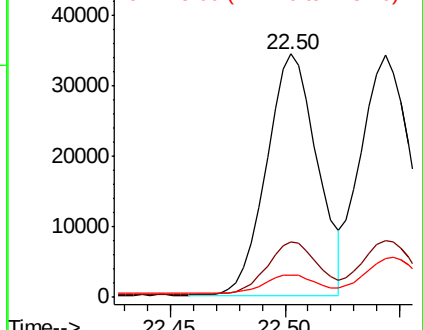
125 9.3 10.6 16.0#



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: 0.429 ng

RT: 22.54 min Scan# 2329

Delta R.T. -0.01 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

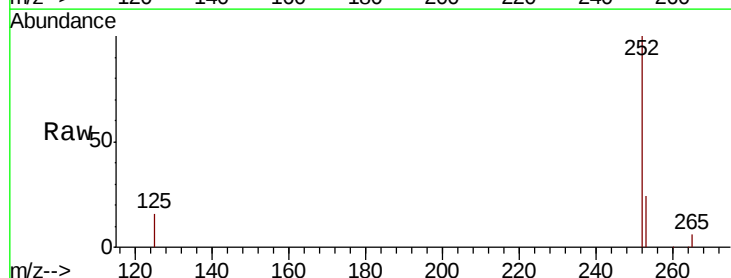
Tgt Ion:252 Resp: 52268

Ion Ratio Lower Upper

252 100

253 23.7 19.4 29.2

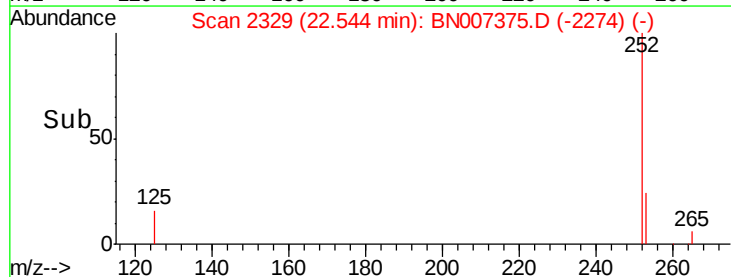
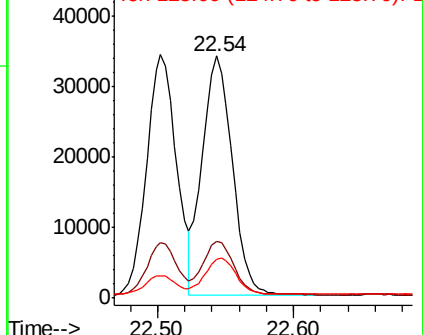
125 16.0 13.1 19.7



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: 0.414 ng

RT: 23.03 min Scan# 2471

Delta R.T. -0.01 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

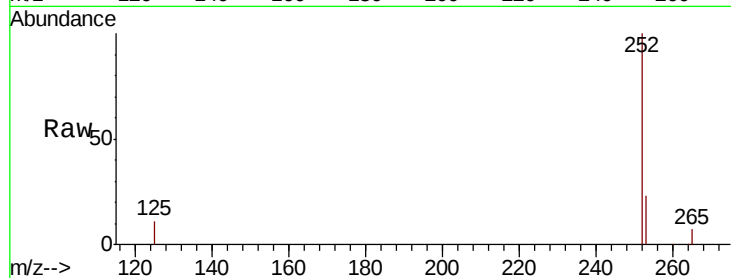
Tgt Ion: 252 Resp: 48540

Ion Ratio Lower Upper

252 100

253 22.9 19.5 29.3

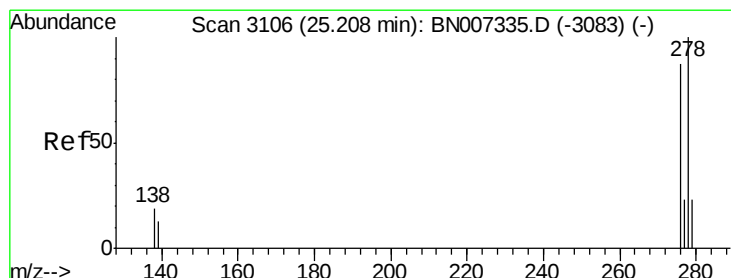
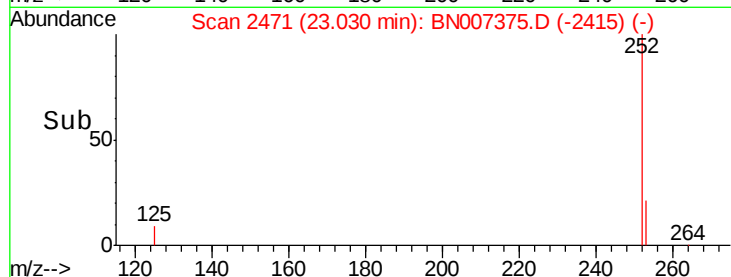
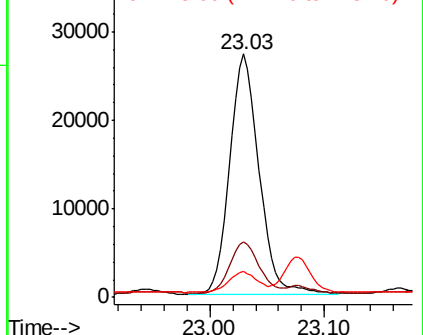
125 10.5 12.1 18.1#



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: 0.413 ng

RT: 25.20 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN007375.D

Acq: 24 Aug 2019 22:06

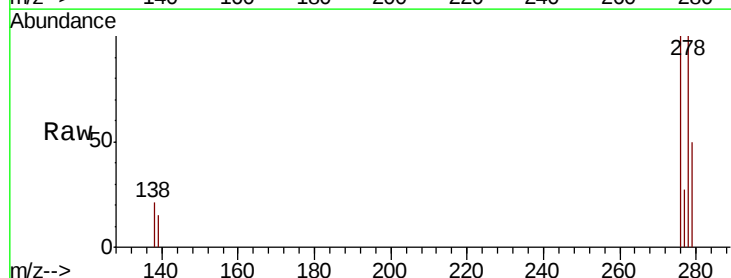
Tgt Ion: 278 Resp: 48363

Ion Ratio Lower Upper

278 100

139 14.6 13.7 20.5

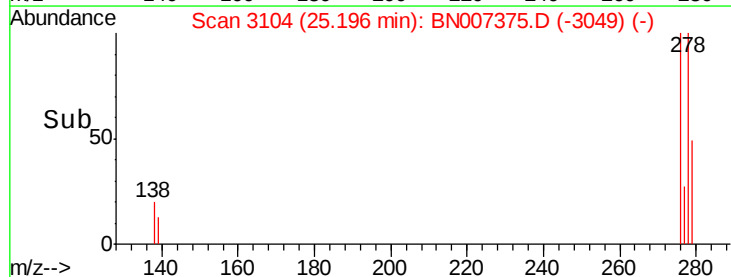
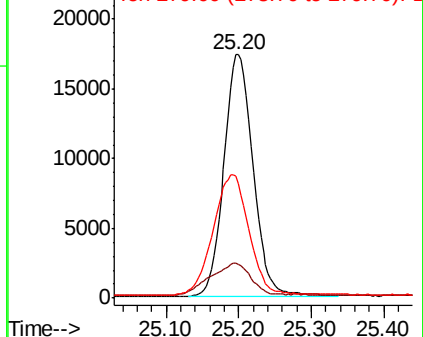
279 50.2 20.2 30.4#



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(g,h,i)perylene

Concen: 0.416 ng

RT: 25.81 min Scan# 3282

Delta R.T. -0.01 min

Lab File: BN007375.D

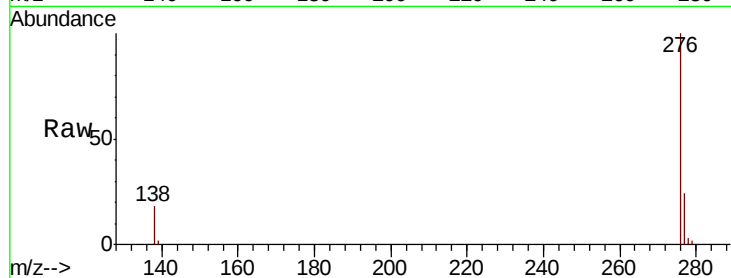
Acq: 24 Aug 2019 22:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 48545

Ion Ratio Lower Upper

276 100

277 24.1 19.6 29.4

138 17.6 16.3 24.5

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

