

Data File : BN007342.D
Acq On : 24 Aug 2019 00:25
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 24 07:33:20 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	4877	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	20390	0.40	ng	0.00
13) Acenaphthene-d10	14.05	164	11095	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	25389	0.40	ng	0.00
27) Chrysene-d12	21.02	240	25100	0.40	ng	0.00
34) Perylene-d12	23.12	264	27220	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.03	112	6639	0.39	ng	0.00
5) Phenol-d6	6.59	99	8187	0.38	ng	0.00
8) Nitrobenzene-d5	8.53	82	7059	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	14000	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2144	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	18399	0.41	ng	0.00
25) Fluoranthene-d10	18.84	212	34163	0.42	ng	0.00
29) Terphenyl-d14	19.47	244	27688	0.42	ng	0.00

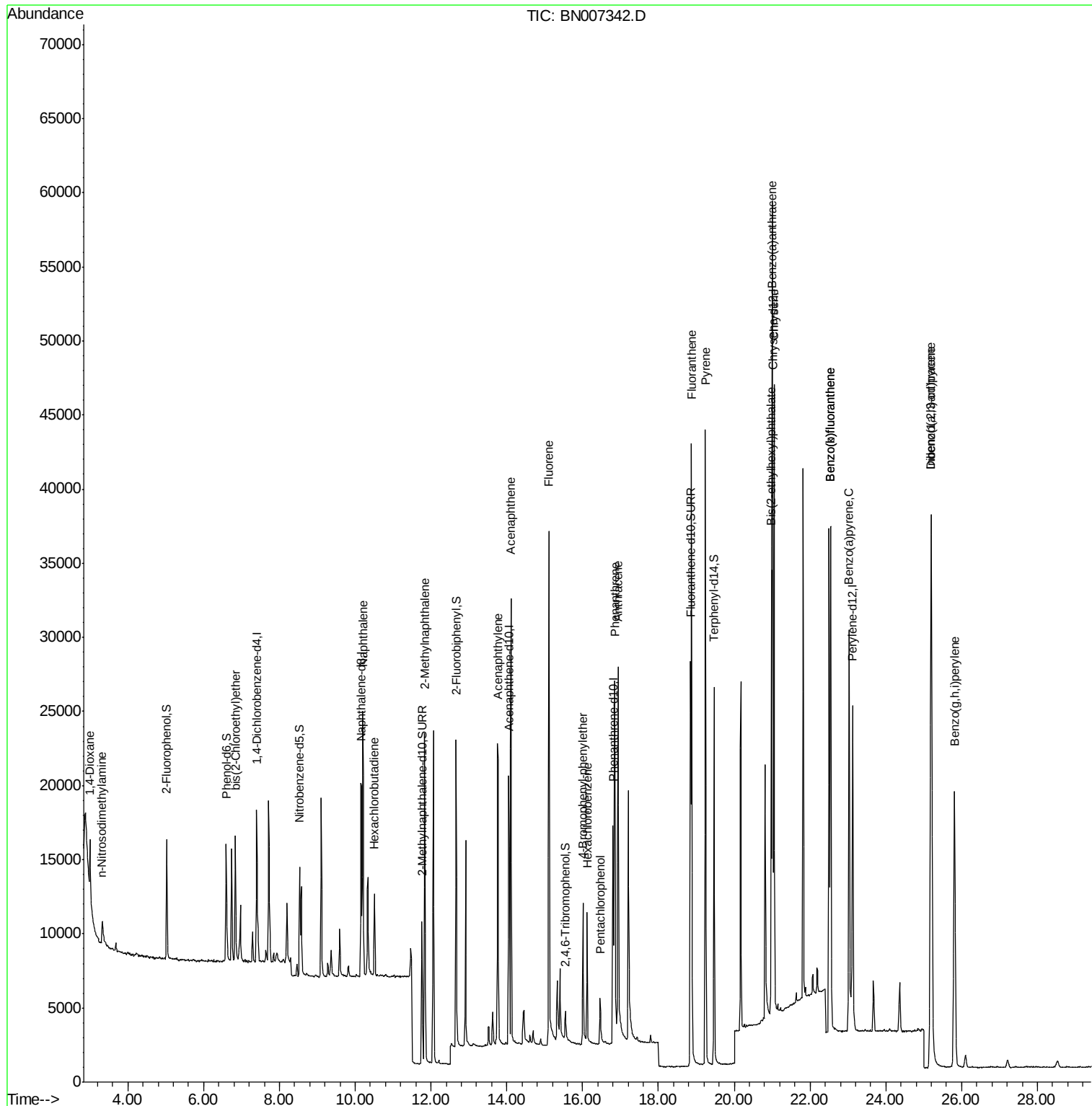
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	3130	0.386	ng	# 86
3) n-Nitrosodimethylamine	3.32	42	1372	0.364	ng	# 91
6) bis(2-Chloroethyl)ether	6.84	93	7196	0.408	ng	# 97
9) Naphthalene	10.20	128	24022	0.412	ng	# 93
10) Hexachlorobutadiene	10.51	225	4914	0.412	ng	# 99
12) 2-Methylnaphthalene	11.84	142	16314	0.411	ng	98
16) Acenaphthylene	13.76	152	26304	0.401	ng	99
17) Acenaphthene	14.11	154	15650	0.407	ng	98
18) Fluorene	15.10	166	19498	0.401	ng	98
20) 4-Bromophenyl-phenylether	16.01	248	4578	0.457	ng	# 89
21) Hexachlorobenzene	16.11	284	7137	0.419	ng	98
22) Pentachlorophenol	16.46	266	2105	0.398	ng	# 69
23) Phenanthrene	16.85	178	30525	0.400	ng	100
24) Anthracene	16.93	178	30250	0.394	ng	99
26) Fluoranthene	18.87	202	40553	0.414	ng	99
28) Pyrene	19.24	202	41724	0.413	ng	99
30) Benzo(a)anthracene	21.00	228	40323	0.409	ng	99
31) Chrysene	21.06	228	40084	0.421	ng	99
32) Bis(2-ethylhexyl)phthalate	20.97	149	27609	0.414	ng	99
33) Indeno(1,2,3-cd)pyrene	25.19	276	47062	0.411	ng	98
35) Benzo(b)fluoranthene	22.54	252	41805	0.424	ng	98
36) Benzo(k)fluoranthene	22.54	252	41805	0.429	ng	98
37) Benzo(a)pyrene	23.03	252	38578	0.411	ng	# 96
38) Dibenzo(a,h)anthracene	25.20	278	38122	0.407	ng	97
39) Benzo(g,h,i)perylene	25.81	276	38118	0.409	ng	98

(#) = 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

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Acq: 24 Aug 2019 00:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

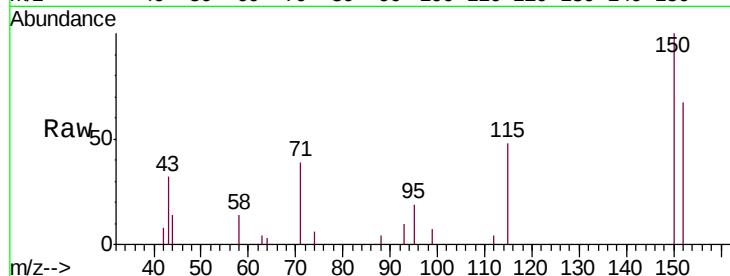
Tgt Ion:152 Resp: 4877

Ion Ratio Lower Upper

152 100

150 149.2 109.1 163.7

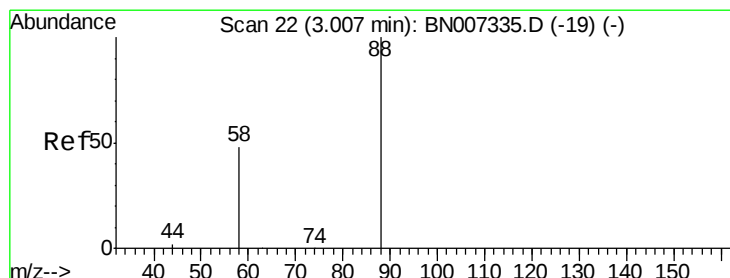
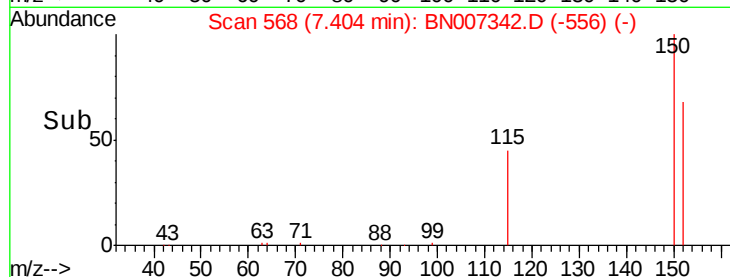
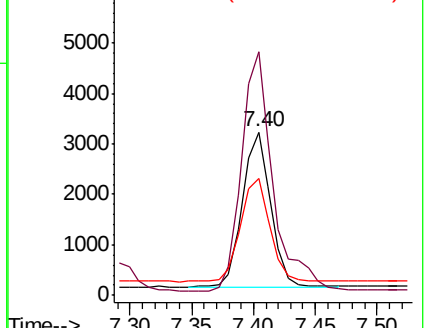
115 72.0 59.6 89.4



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: 0.386 ng

RT: 3.01 min Scan# 22

Delta R.T. -0.00 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

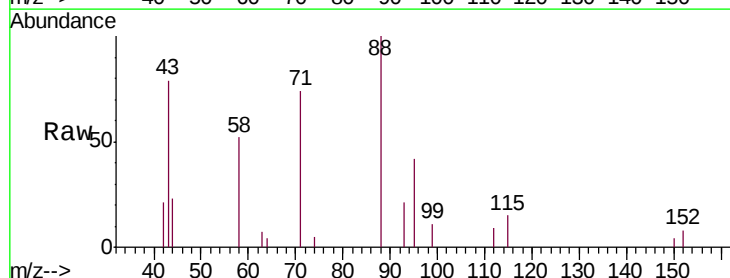
Tgt Ion: 88 Resp: 3130

Ion Ratio Lower Upper

88 100

58 52.0 50.5 75.7

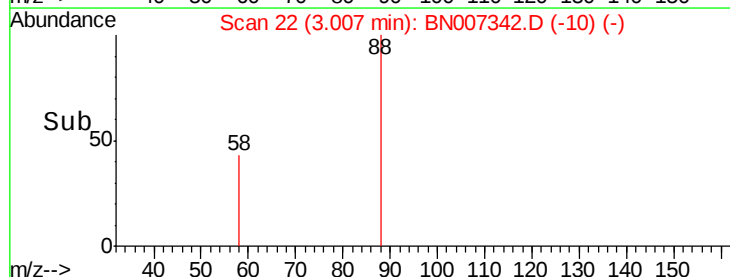
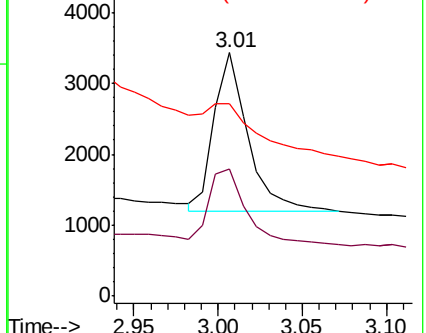
43 0.0 0.0 0.0



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: 0.364 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.01 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

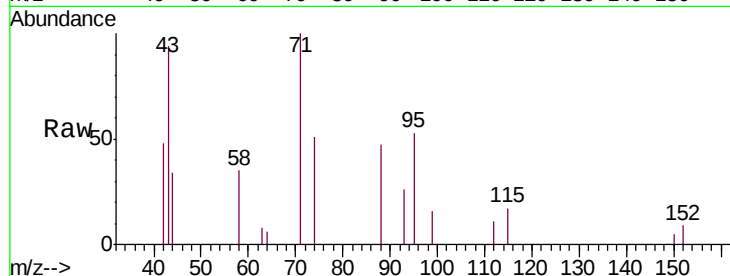
Tgt Ion: 42 Resp: 1372

Ion Ratio Lower Upper

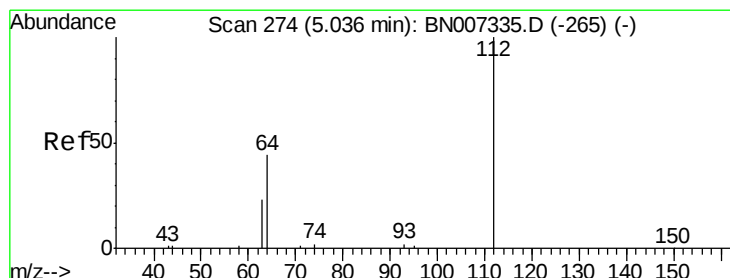
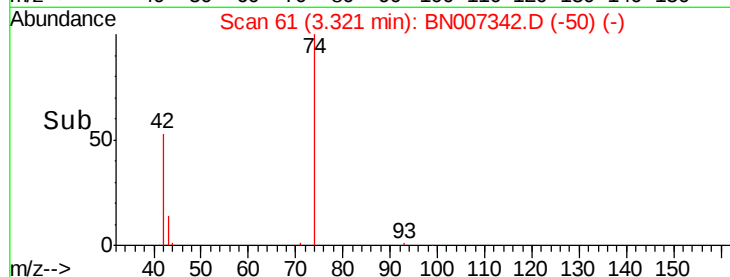
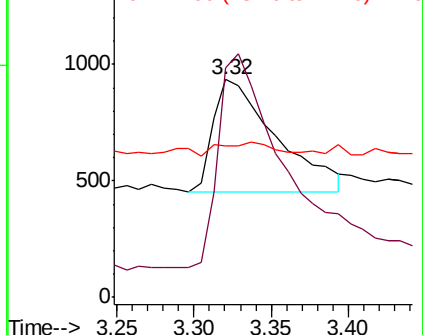
42 100

74 193.3 144.7 217.1

44 10.6 3.2 4.8#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.391 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

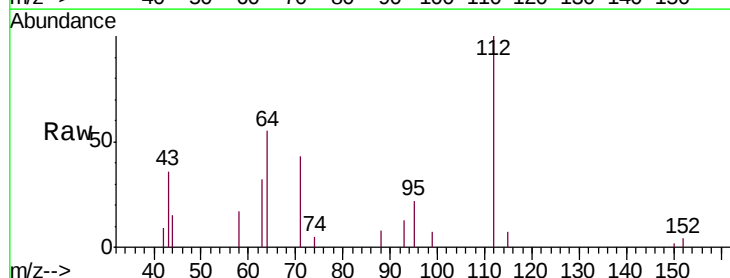
Tgt Ion: 112 Resp: 6639

Ion Ratio Lower Upper

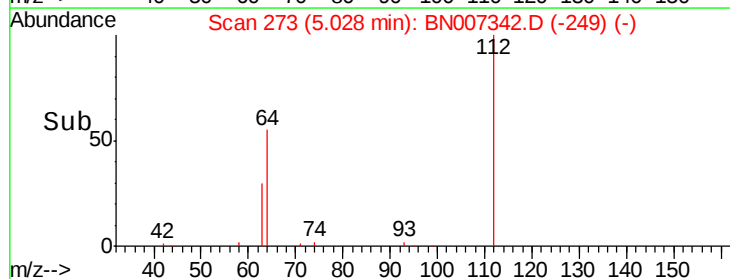
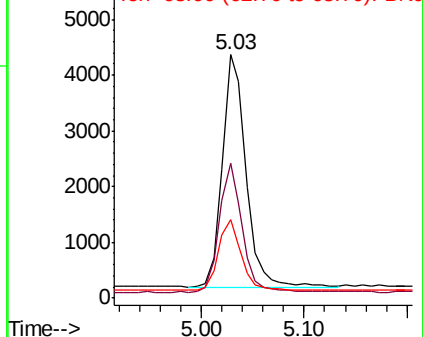
112 100

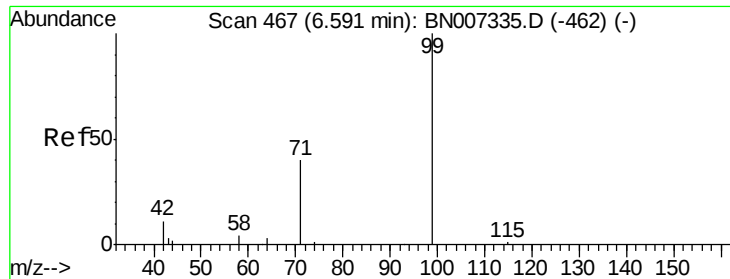
64 54.6 42.3 63.5

63 29.4 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BNC
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.379 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

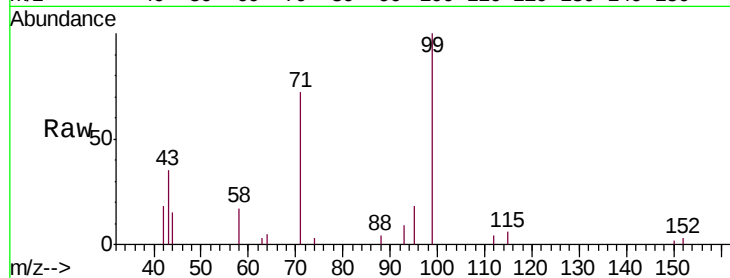
Tgt Ion: 99 Resp: 8187

Ion Ratio Lower Upper

99 100

42 12.7 11.2 16.8

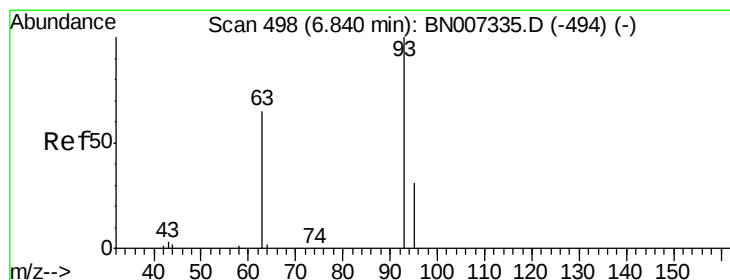
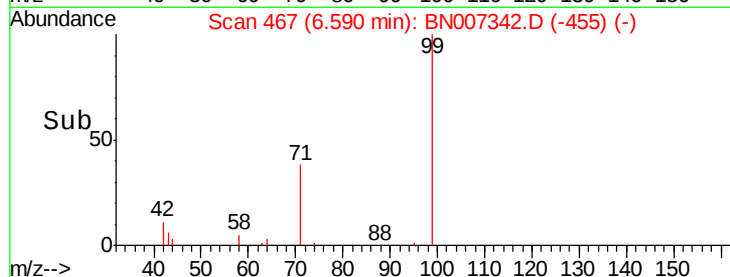
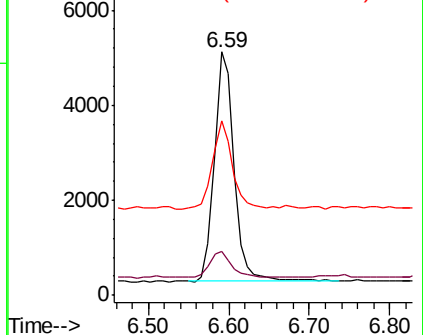
71 38.9 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007342.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007342.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007342.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.408 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.00 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

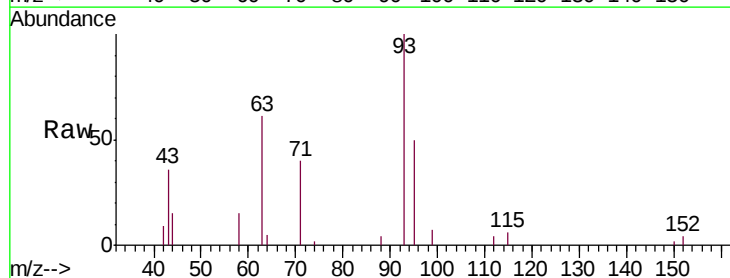
Tgt Ion: 93 Resp: 7196

Ion Ratio Lower Upper

93 100

63 62.7 51.9 77.9

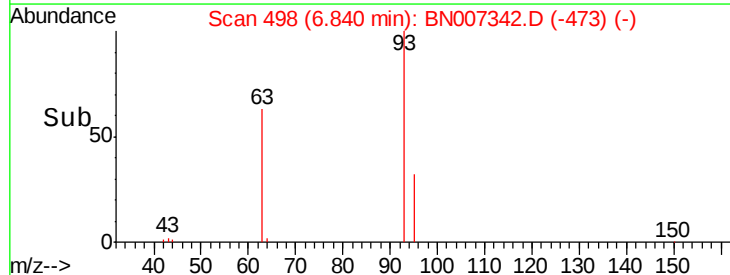
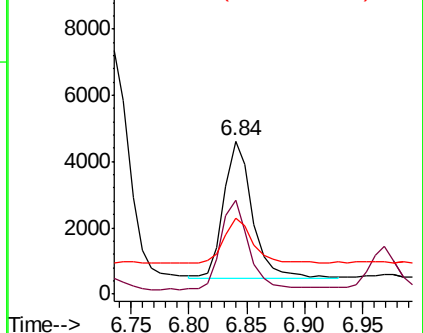
95 32.8 27.7 41.5



Abundance Ion 93.00 (92.70 to 93.70): BN007342.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN007342.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007342.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 20390

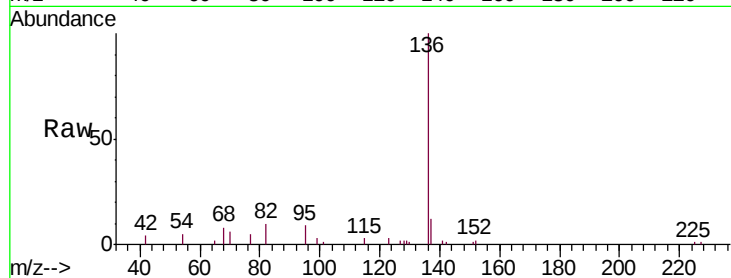
Ion Ratio Lower Upper

136 100

137 12.4 12.9 19.3#

54 5.3 8.6 12.8#

68 8.4 17.0 25.4#

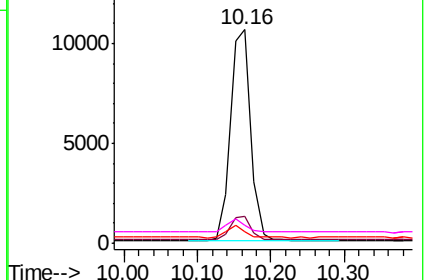
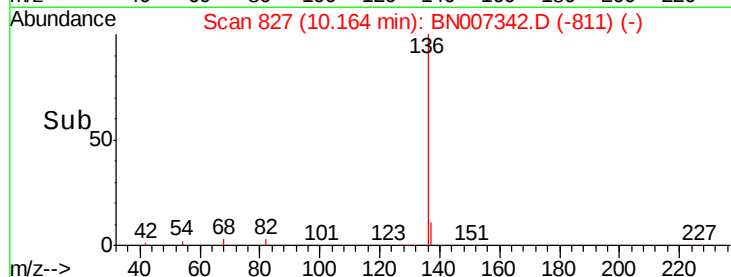


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.398 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

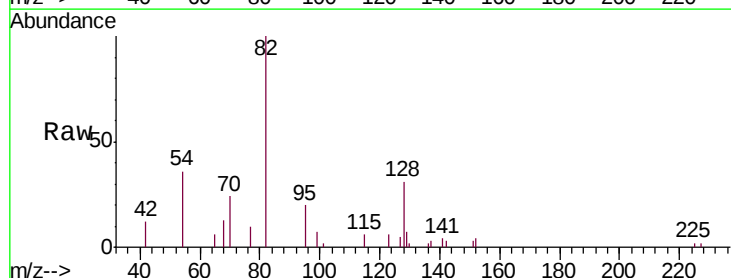
Tgt Ion: 82 Resp: 7059

Ion Ratio Lower Upper

82 100

128 31.0 19.7 29.5#

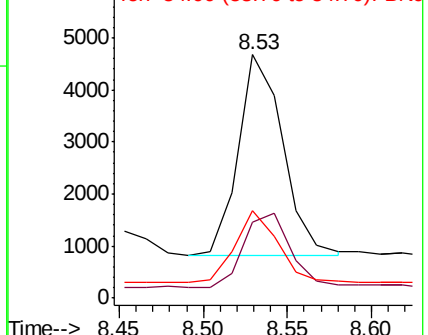
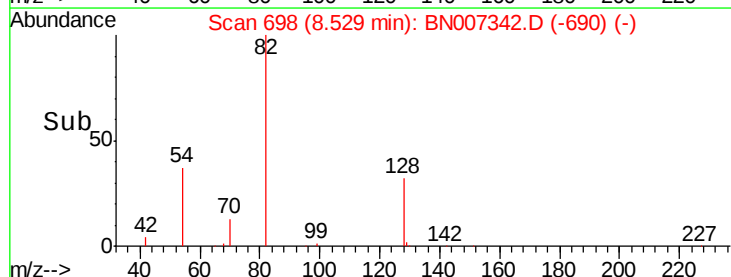
54 35.9 25.8 38.6



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: 0.412 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

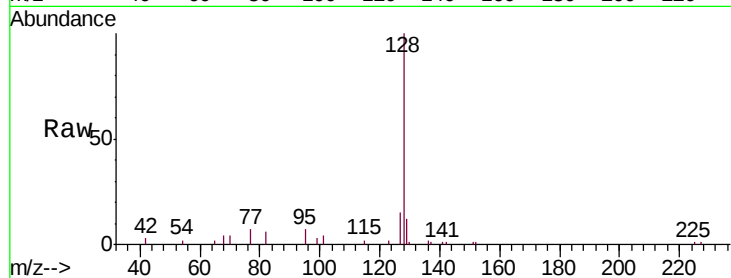
Tgt Ion:128 Resp: 24022

Ion Ratio Lower Upper

128 100

129 12.5 11.1 16.7

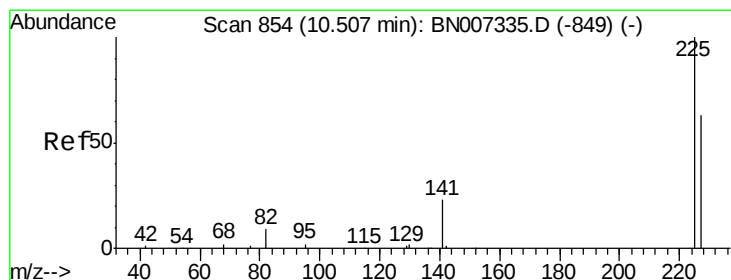
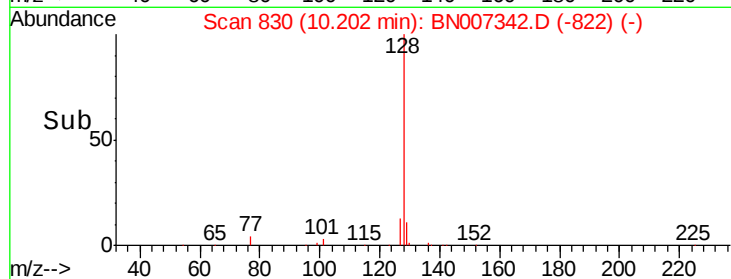
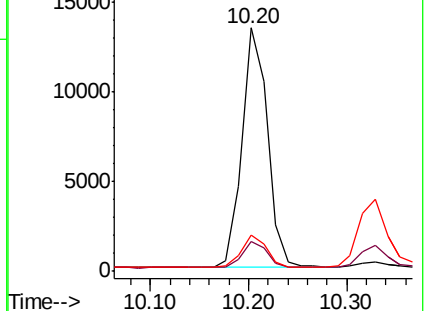
127 14.9 15.5 23.3#



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: 0.412 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

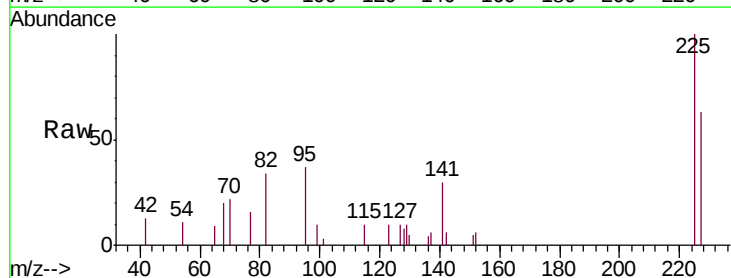
Tgt Ion:225 Resp: 4914

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

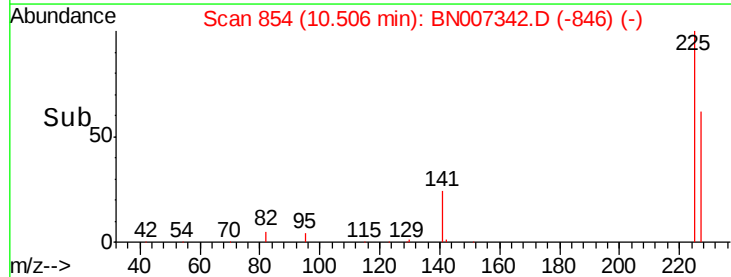
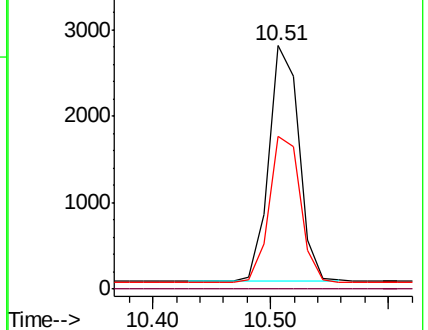
227 63.8 50.7 76.1



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: 0.413 ng

RT: 11.76 min Scan# 990

Delta R.T. -0.00 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

Instrument :

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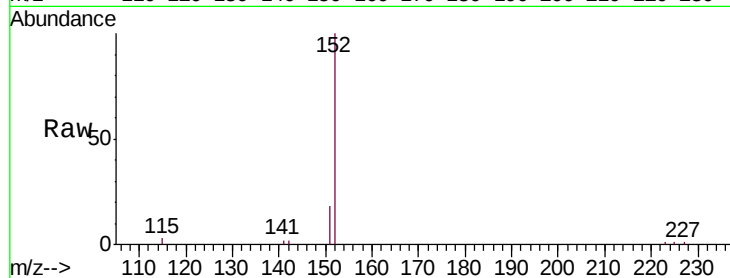
SSTDCCC0.4

Tgt Ion:152 Resp: 14000

Ion Ratio Lower Upper

152 100

151 18.8 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

8000

6000

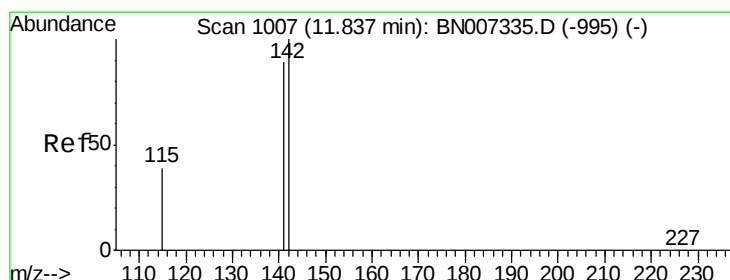
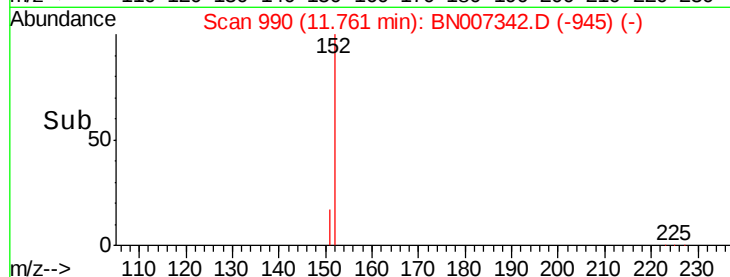
4000

2000

0

Time-->

11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.411 ng

RT: 11.84 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

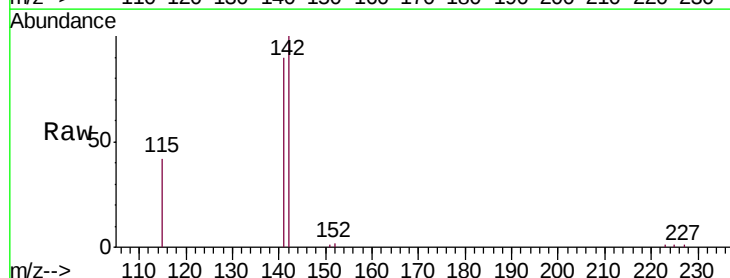
Tgt Ion:142 Resp: 16314

Ion Ratio Lower Upper

142 100

141 90.2 72.8 109.2

115 41.7 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

11.84

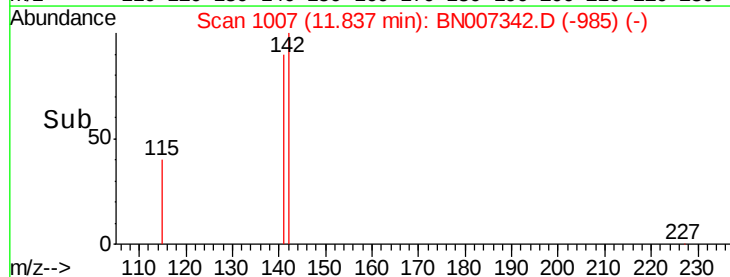
10000

5000

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: BN007342.D

Acq: 24 Aug 2019 00:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

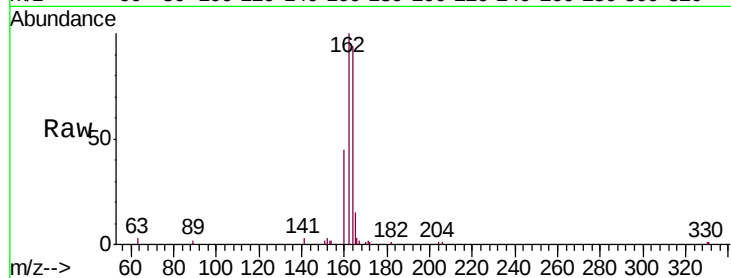
Tgt Ion:164 Resp: 11095

Ion Ratio Lower Upper

164 100

162 106.2 83.5 125.3

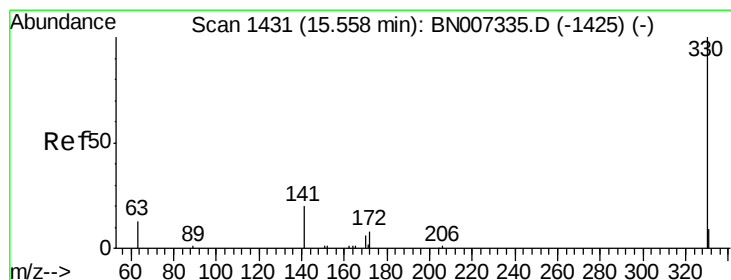
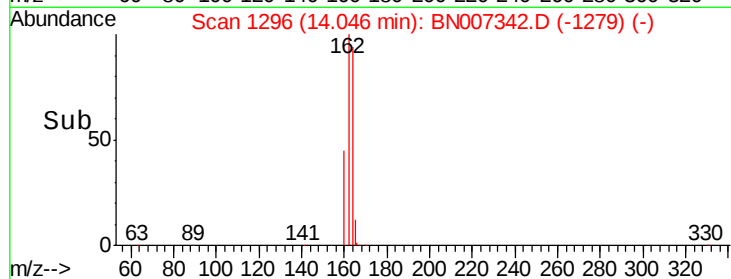
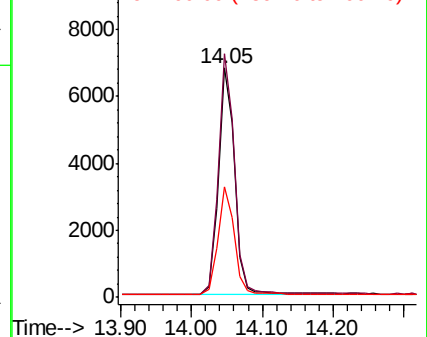
160 47.9 38.2 57.4



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: 0.369 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

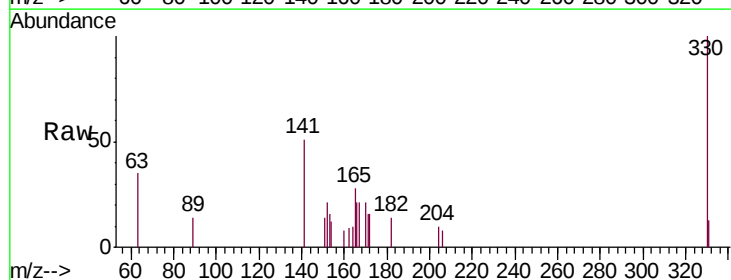
Tgt Ion:330 Resp: 2144

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

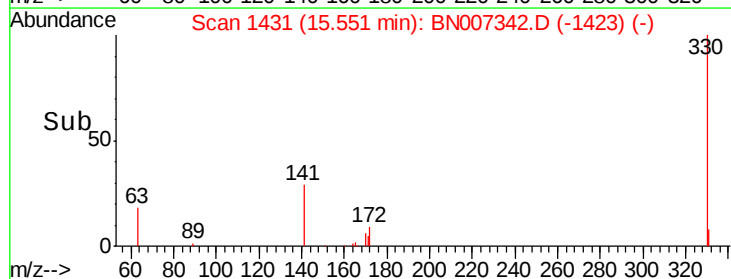
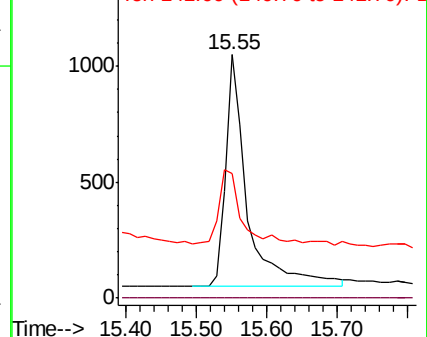
141 35.9 26.9 40.3



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

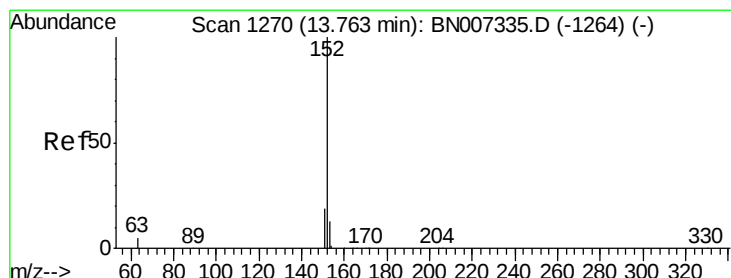
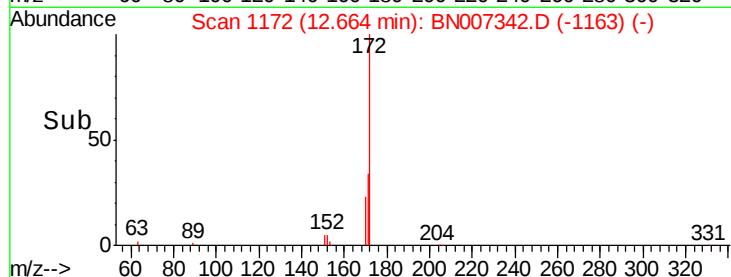
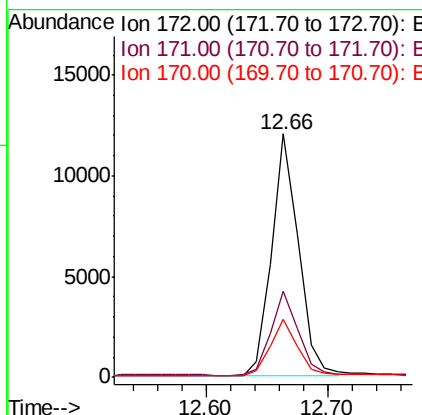
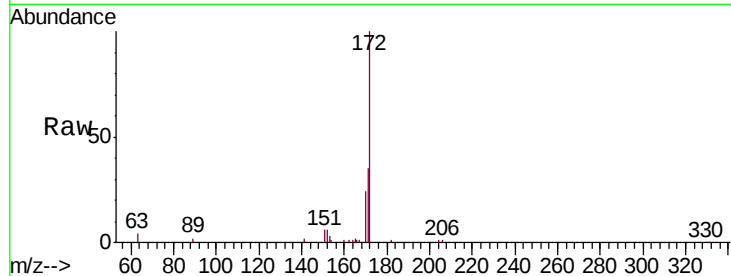




#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

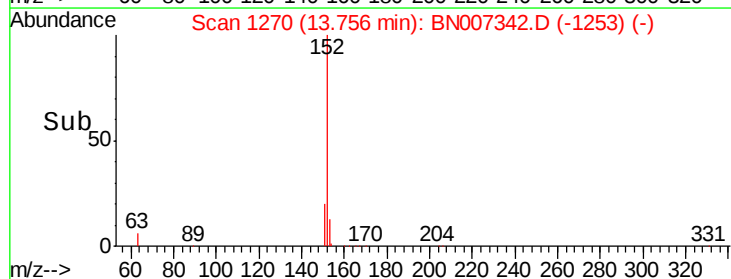
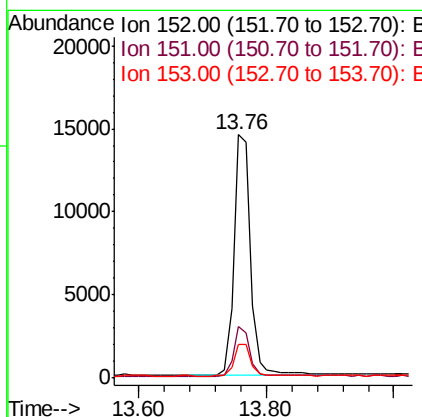
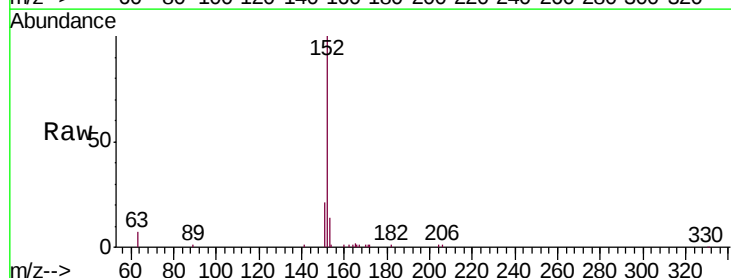
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.3	45.5
170	23.6	20.7	31.1



#16
Acenaphthylene
Concen: 0.401 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	13.3	10.6	15.8





#17

Acenaphthene

Concen: 0.407 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

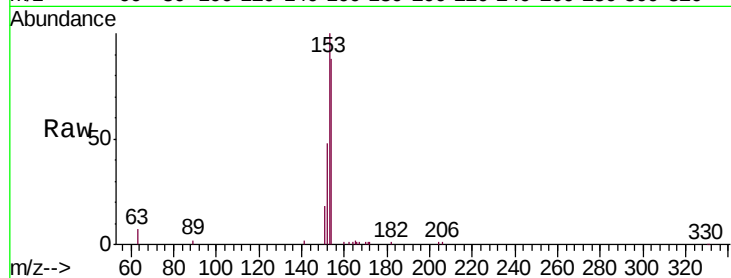
Tgt Ion:154 Resp: 15650

Ion Ratio Lower Upper

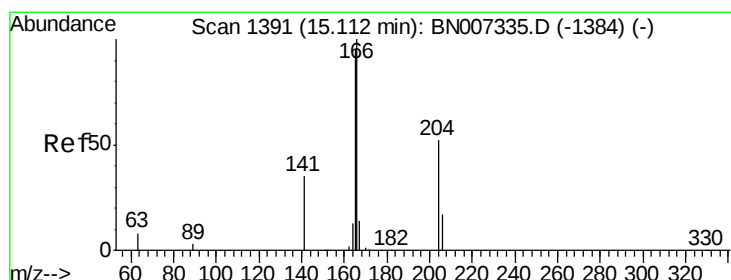
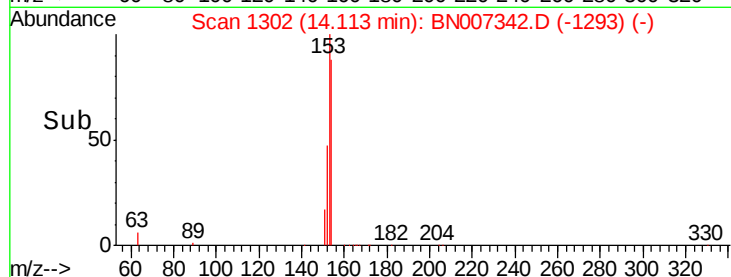
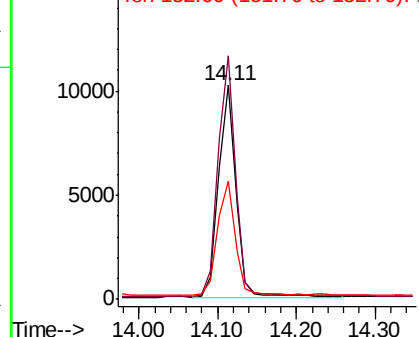
154 100

153 114.2 92.8 139.2

152 53.6 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: 0.401 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

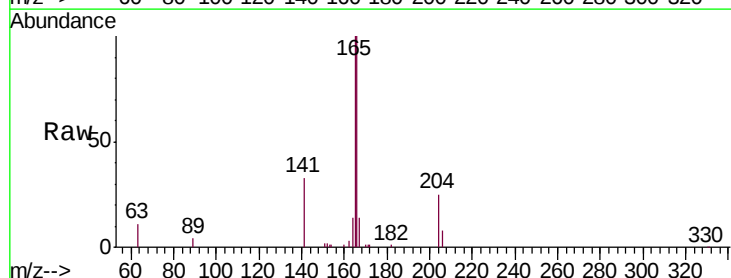
Tgt Ion:166 Resp: 19498

Ion Ratio Lower Upper

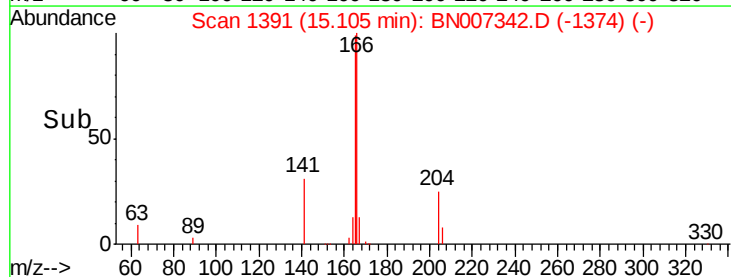
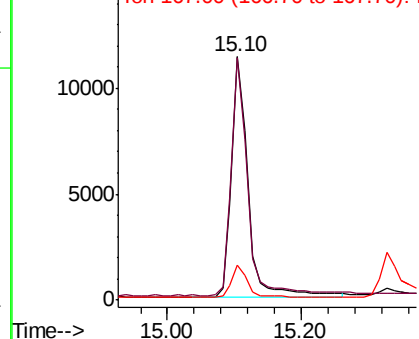
166 100

165 97.1 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: 16.80 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

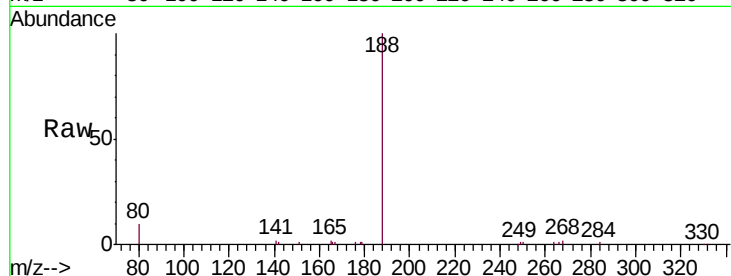
Tgt Ion:188 Resp: 25389

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

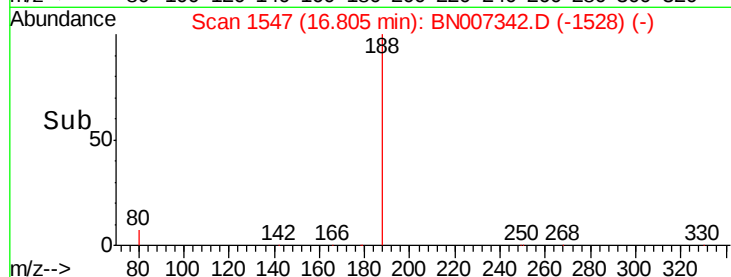
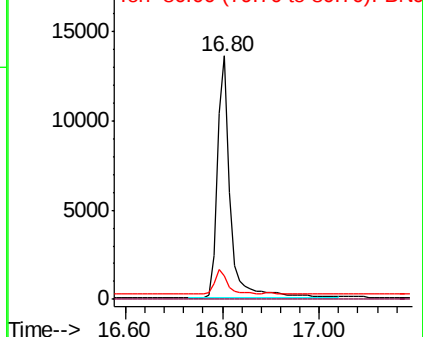
80 9.8 11.8 17.8#



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: 0.457 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

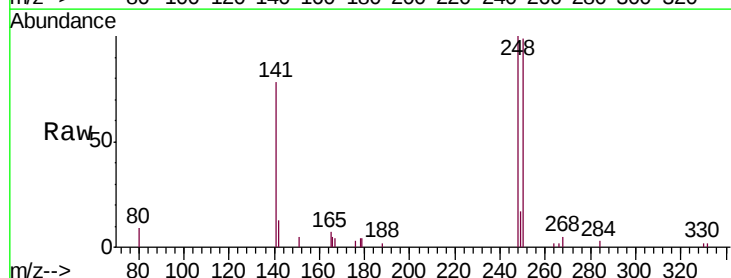
Tgt Ion:248 Resp: 4578

Ion Ratio Lower Upper

248 100

250 98.9 85.0 127.6

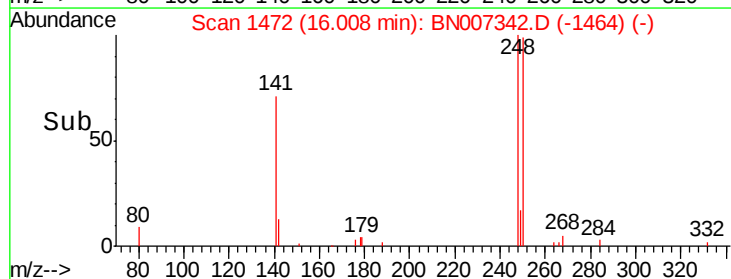
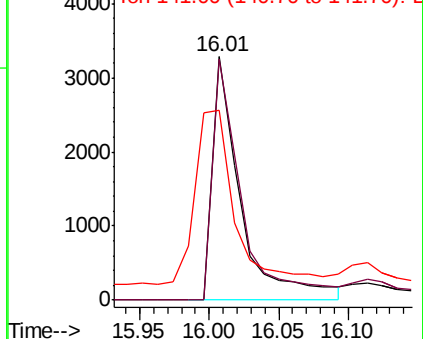
141 77.9 51.7 77.5#



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





#21

Hexachlorobenzene

Concen: 0.419 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

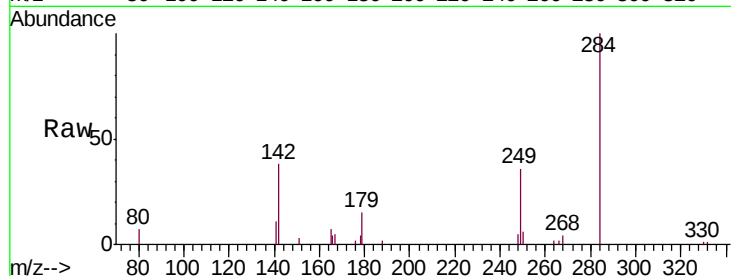
Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

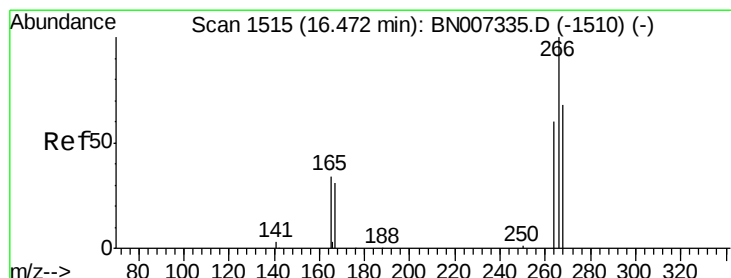
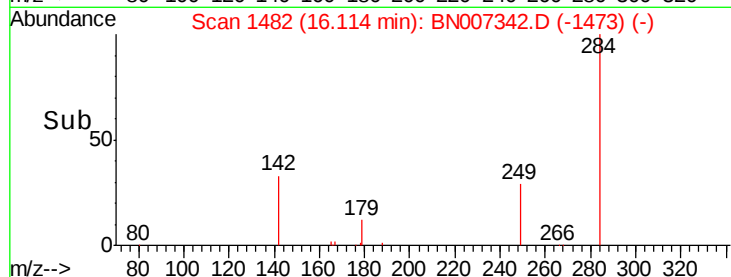
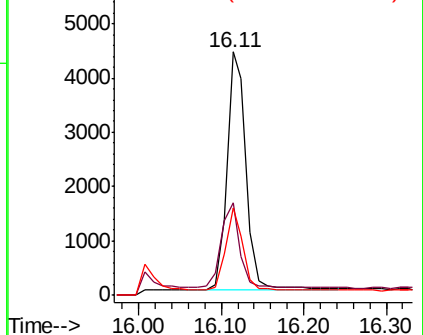
Tgt Ion:	284	Resp:	7137
Ion	Ratio	Lower	Upper
284	100		
142	34.6	29.0	43.6
249	30.8	24.9	37.3



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: 0.398 ng

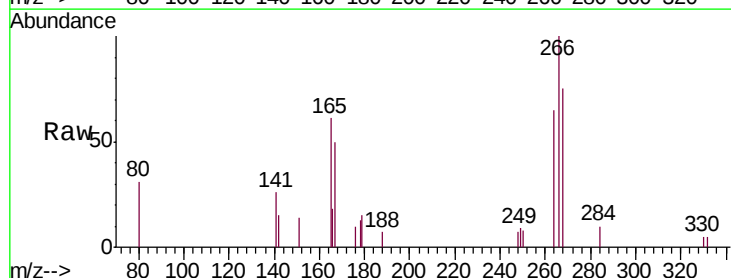
RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

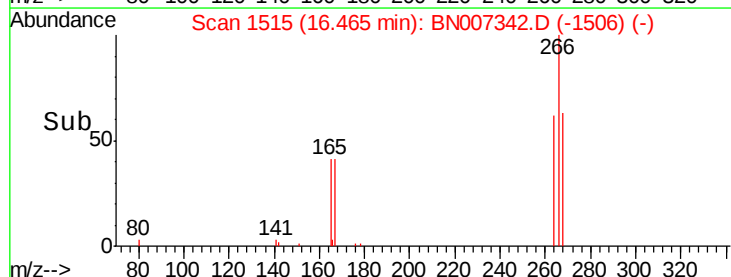
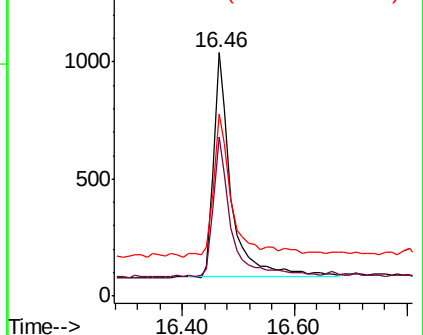
Tgt Ion:	266	Resp:	2105
Ion	Ratio	Lower	Upper
266	100		
264	65.3	57.8	86.8
268	75.0	99.7	149.5#



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: 0.400 ng

RT: 16.85 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

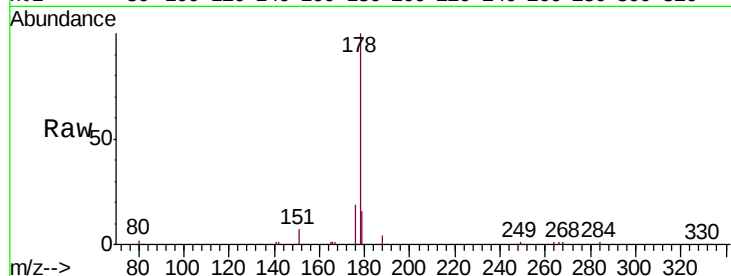
Tgt Ion:178 Resp: 30525

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.4 12.6 19.0

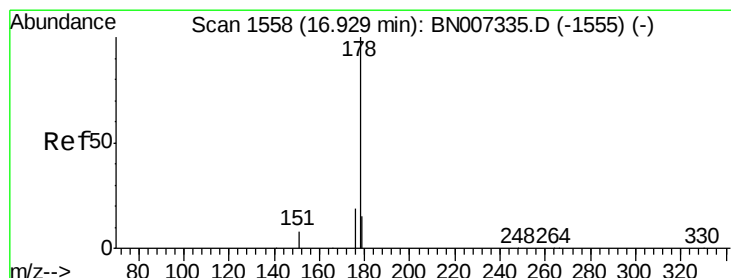
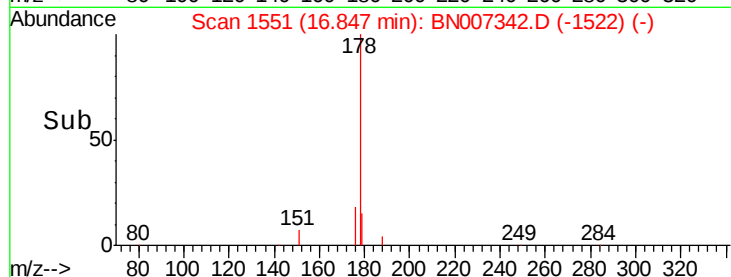
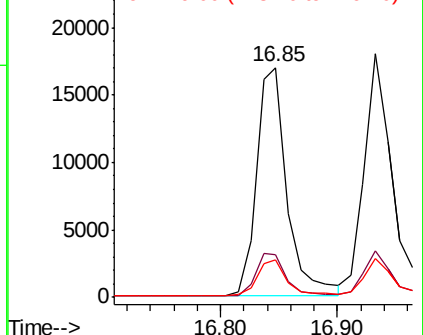


Abundance

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: 0.394 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

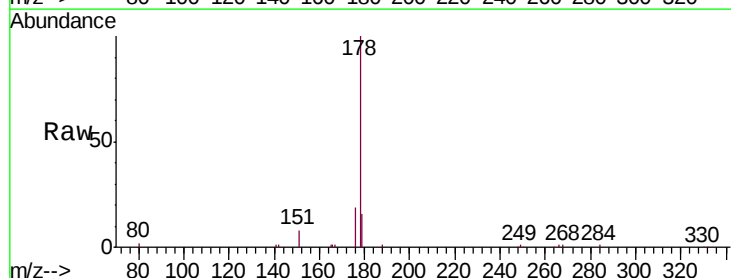
Tgt Ion:178 Resp: 30250

Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

179 15.3 12.4 18.6

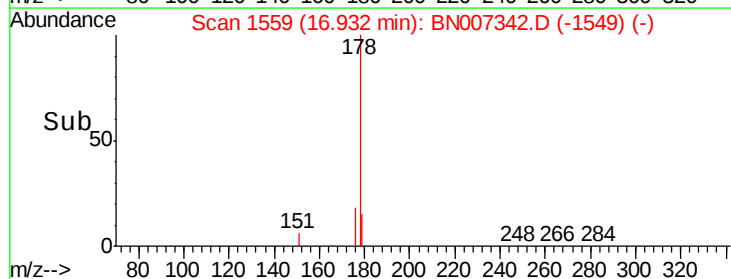
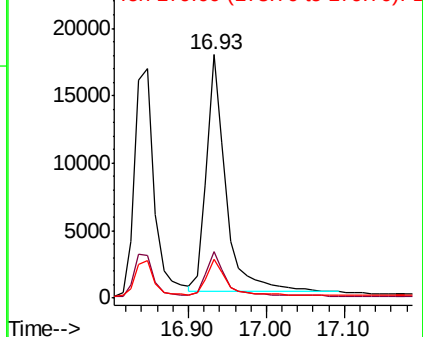


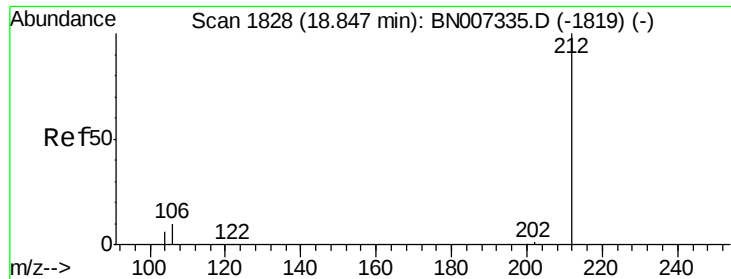
Abundance

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





#25

Fluoranthene-d10

Concen: 0.418 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

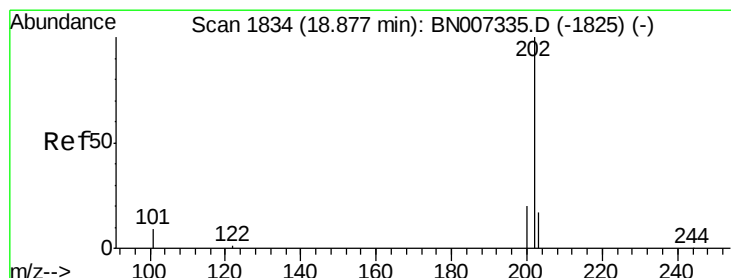
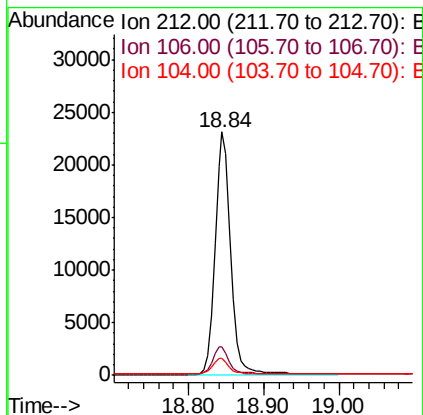
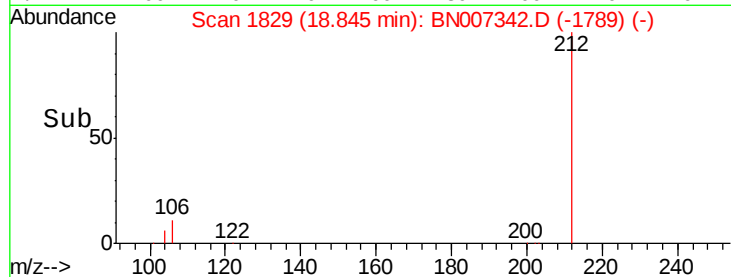
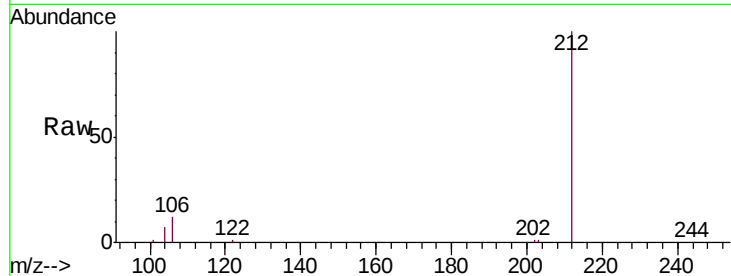
Tgt Ion:212 Resp: 34163

Ion Ratio Lower Upper

212 100

106 11.1 9.0 13.4

104 6.3 5.4 8.2



#26

Fluoranthene

Concen: 0.414 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

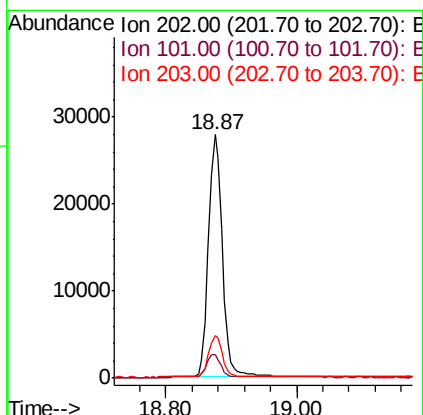
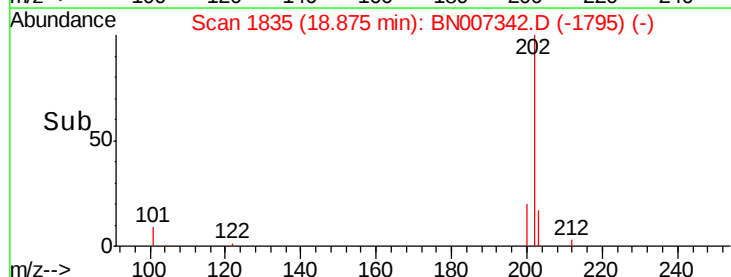
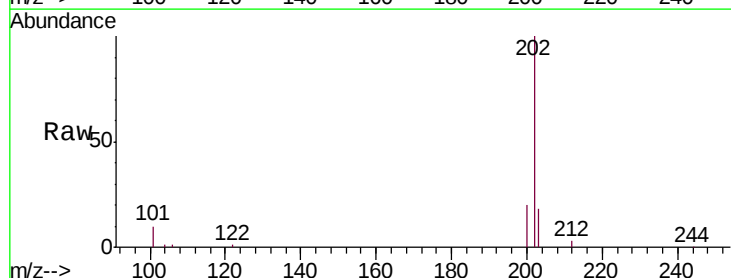
Tgt Ion:202 Resp: 40553

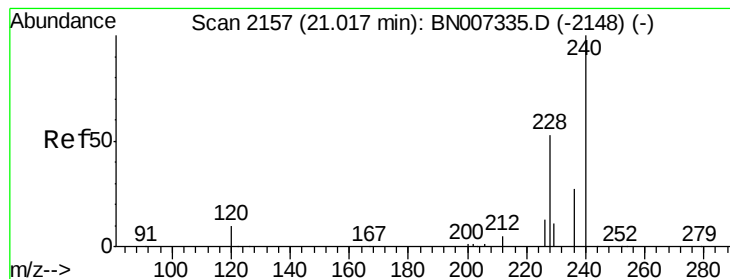
Ion Ratio Lower Upper

202 100

101 9.3 7.7 11.5

203 16.9 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: BN007342.D

Acq: 24 Aug 2019 00:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

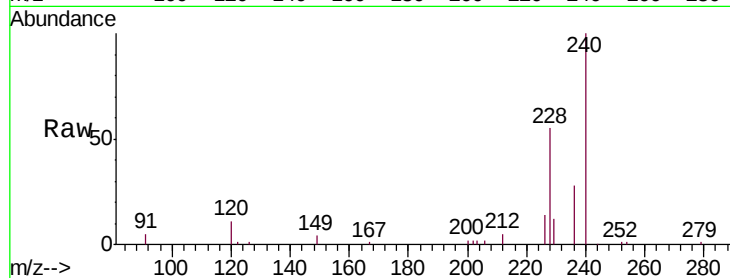
Tgt Ion:240 Resp: 25100

Ion Ratio Lower Upper

240 100

120 11.1 9.6 14.4

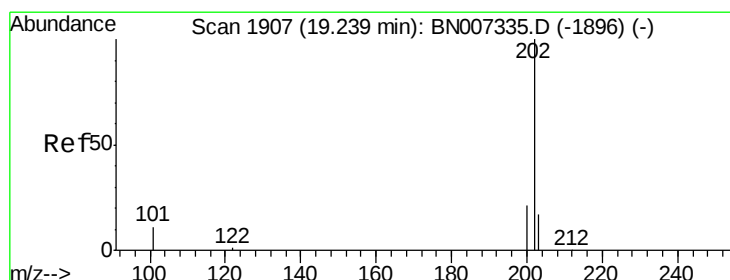
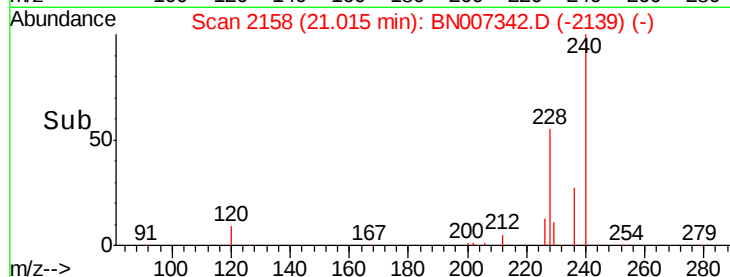
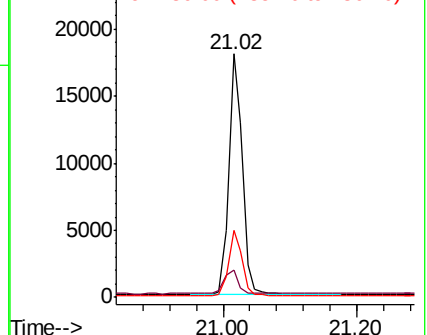
236 27.6 22.2 33.2



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: 0.413 ng

RT: 19.24 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

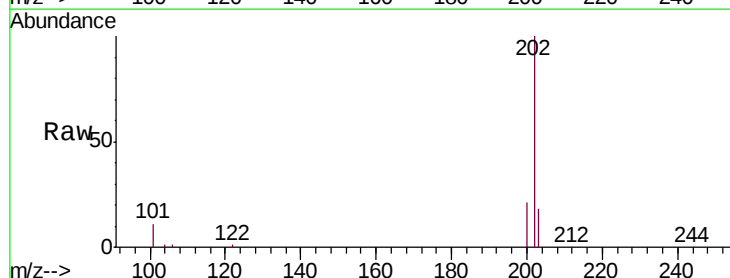
Tgt Ion:202 Resp: 41724

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

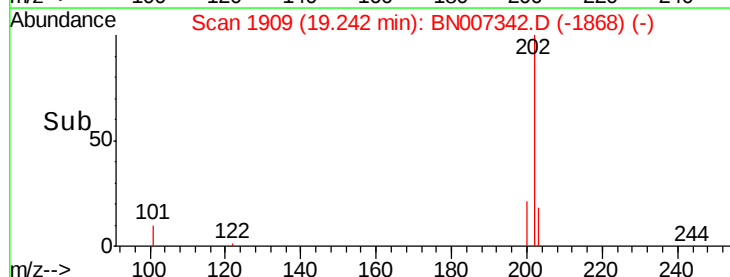
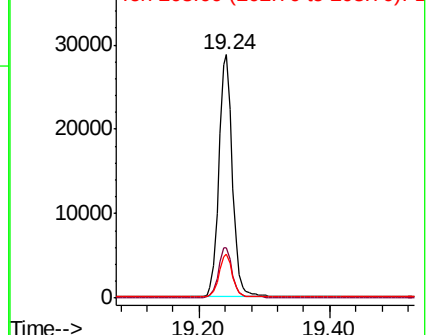
203 17.5 14.2 21.4



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: 0.422 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

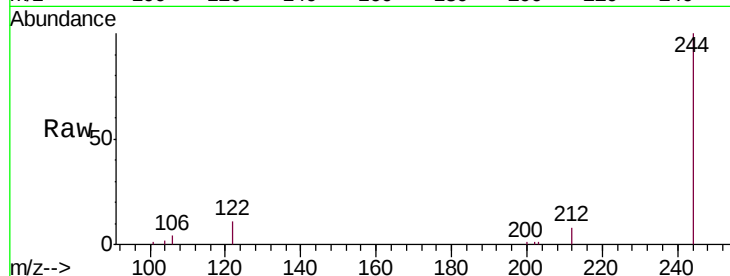
Tgt Ion:244 Resp: 27688

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

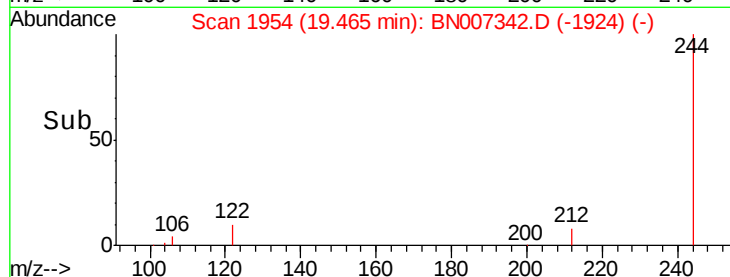
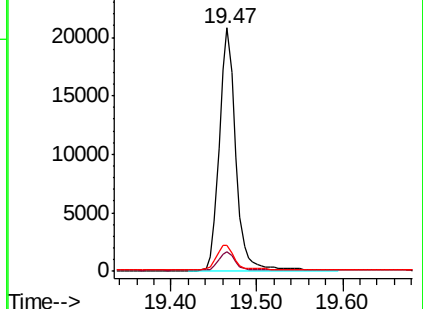
122 10.8 9.6 14.4



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: 0.409 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

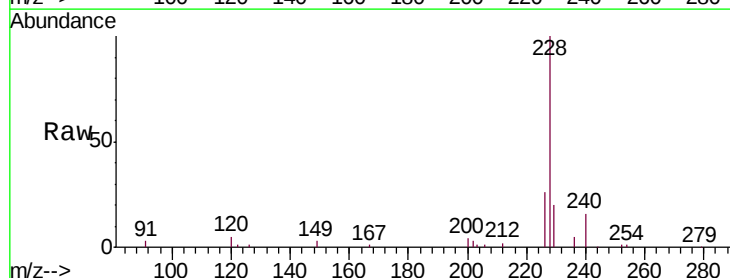
Tgt Ion:228 Resp: 40323

Ion Ratio Lower Upper

228 100

226 26.2 21.3 31.9

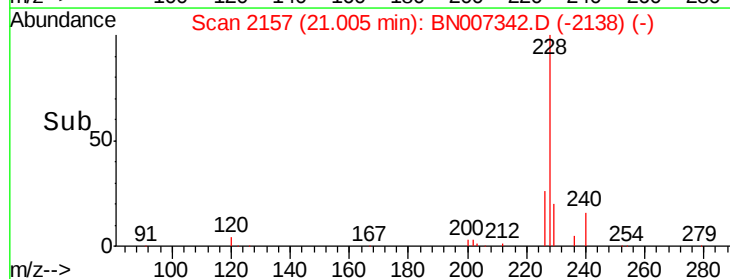
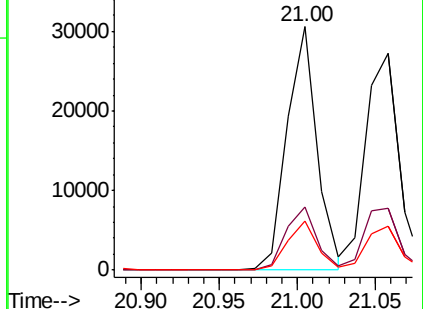
229 20.3 16.1 24.1



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: 0.421 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

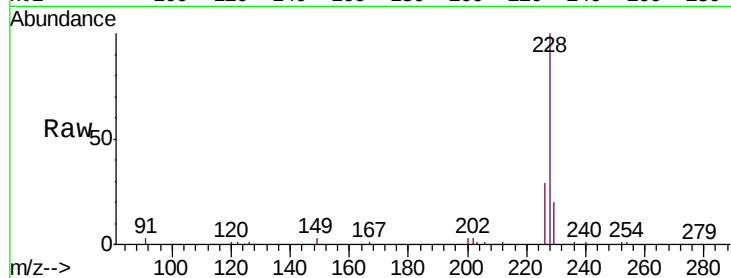
Tgt Ion:228 Resp: 40084

Ion Ratio Lower Upper

228 100

226 28.6 23.5 35.3

229 20.3 16.6 24.8

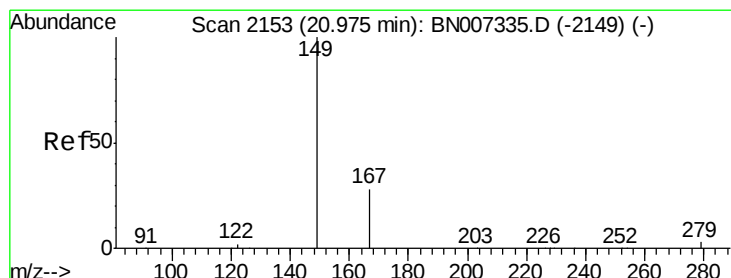
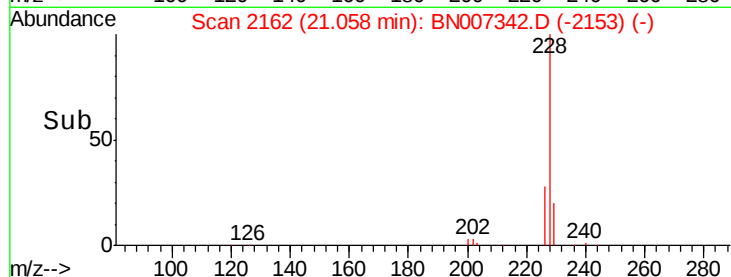
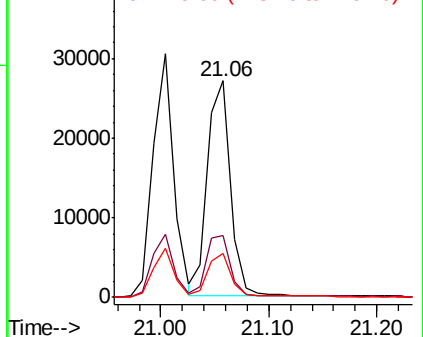


Abundance

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: 0.414 ng

RT: 20.97 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

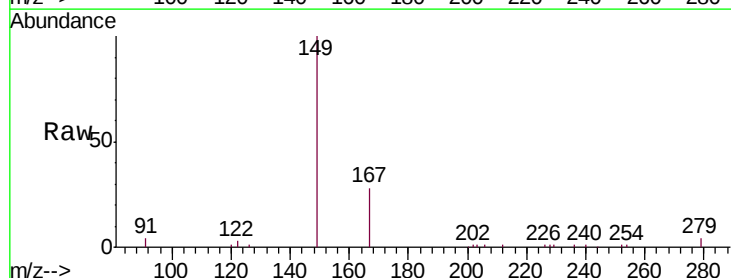
Tgt Ion:149 Resp: 27609

Ion Ratio Lower Upper

149 100

167 27.8 22.8 34.2

279 4.8 3.5 5.3

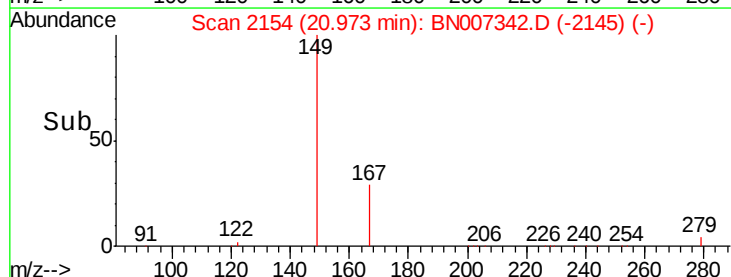
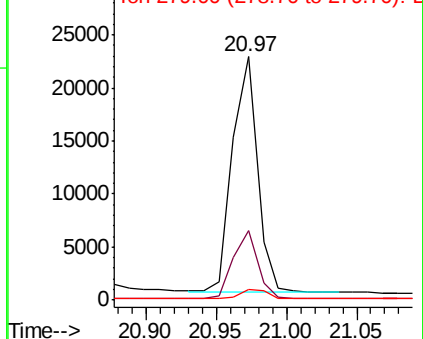


Abundance

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: 0.411 ng

RT: 25.19 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

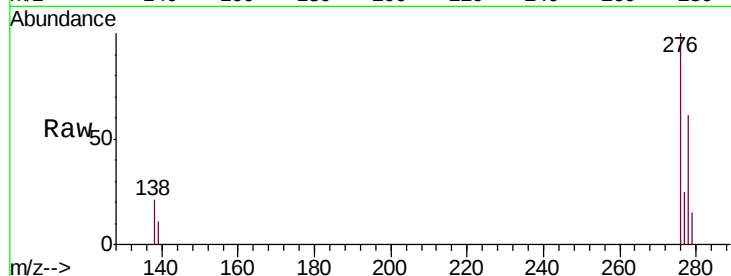
Tgt Ion:276 Resp: 47062

Ion Ratio Lower Upper

276 100

138 20.6 15.1 22.7

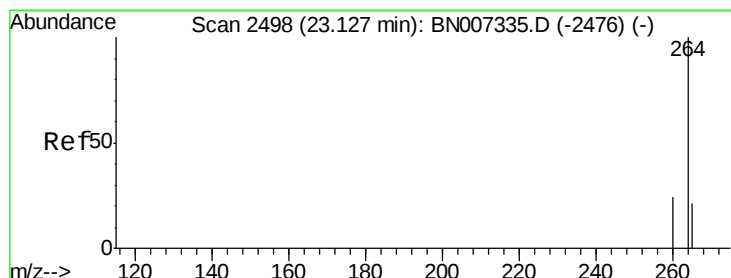
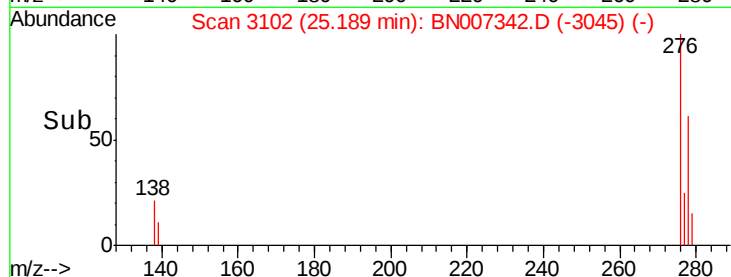
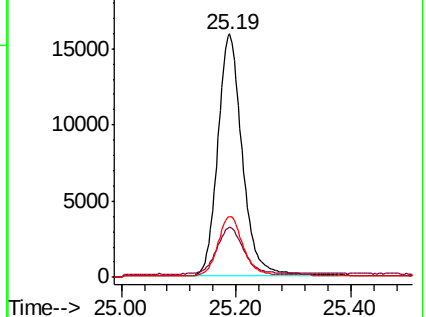
277 24.7 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.12 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

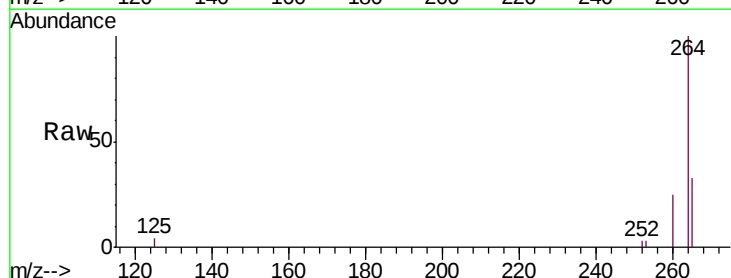
Tgt Ion:264 Resp: 27220

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

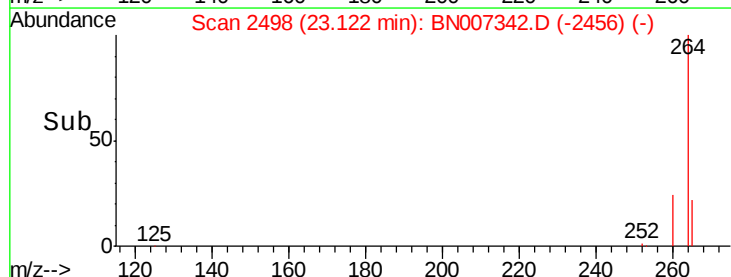
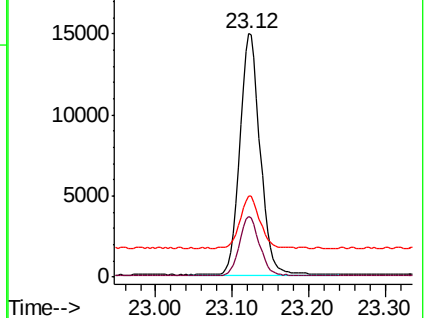
265 33.5 29.9 44.9

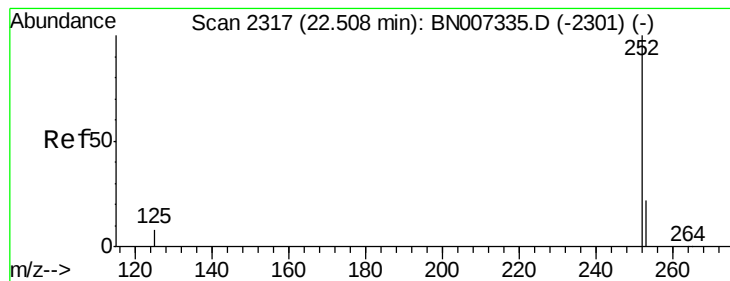


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.424 ng

RT: 22.54 min Scan# 2329

Delta R.T. 0.04 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

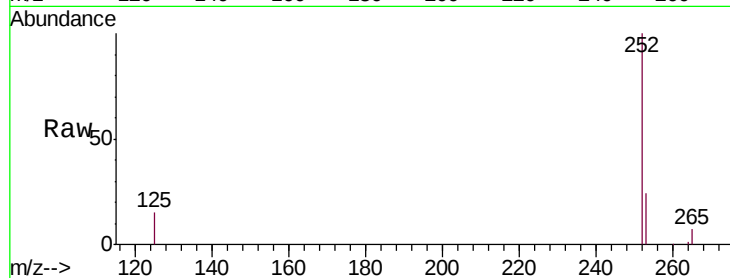
Tgt Ion:252 Resp: 41805

Ion Ratio Lower Upper

252 100

253 23.6 19.2 28.8

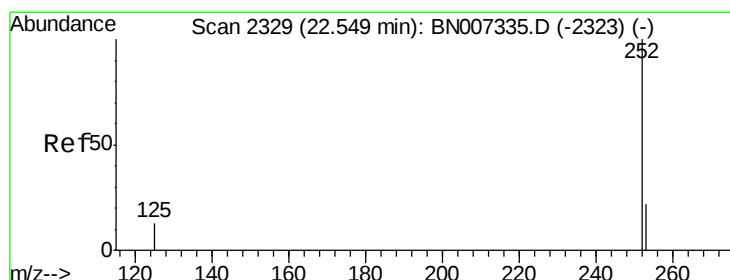
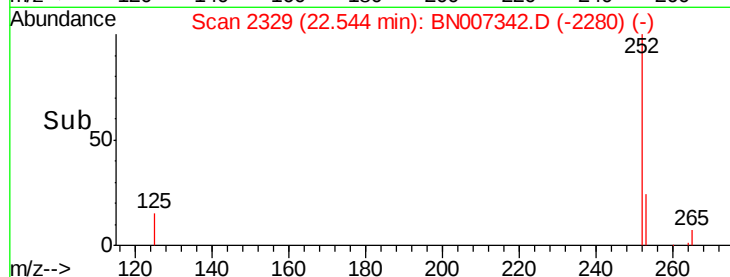
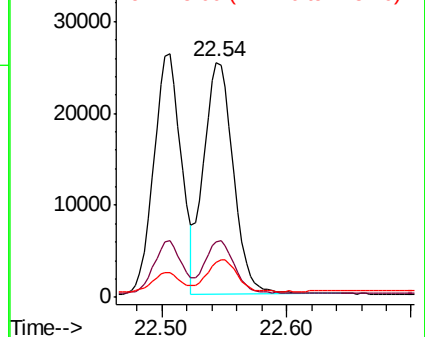
125 15.1 10.6 16.0



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: BN007342.D

Acq: 24 Aug 2019 00:25

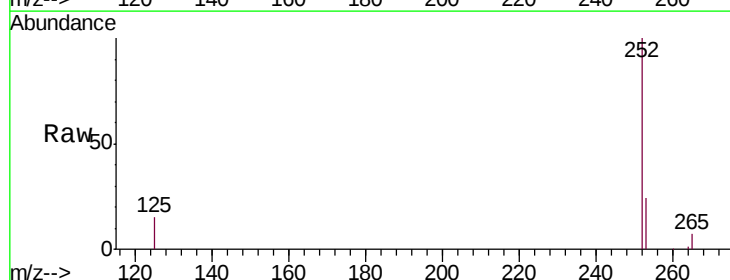
Tgt Ion:252 Resp: 41805

Ion Ratio Lower Upper

252 100

253 23.6 19.4 29.2

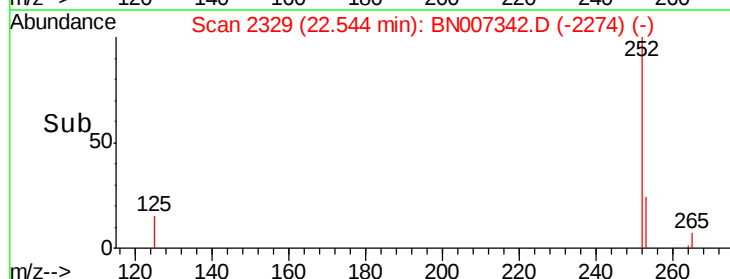
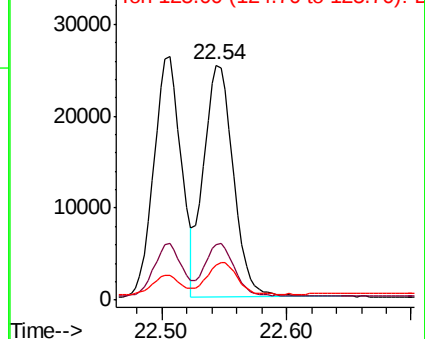
125 15.1 13.1 19.7



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: 0.411 ng

RT: 23.03 min Scan# 2471

Delta R.T. -0.01 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

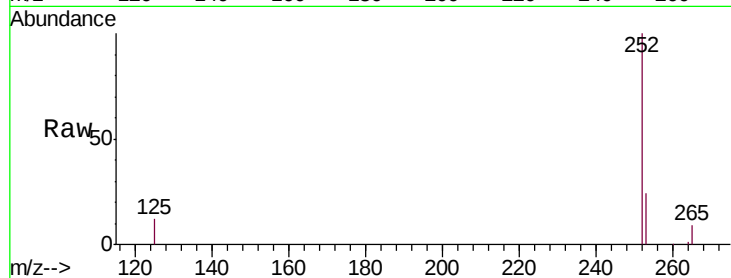
Tgt Ion:252 Resp: 38578

Ion Ratio Lower Upper

252 100

253 23.6 19.5 29.3

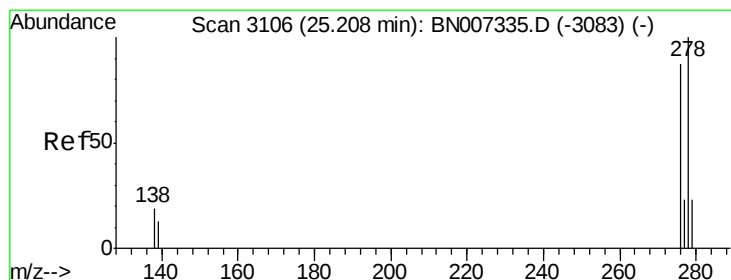
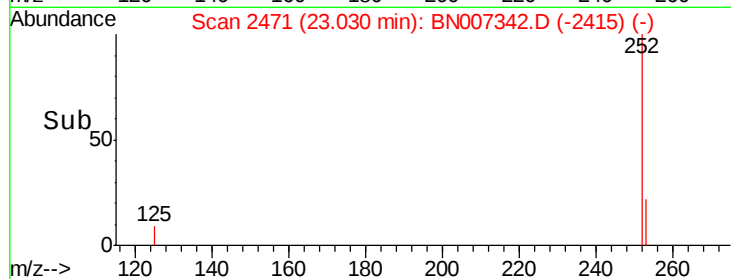
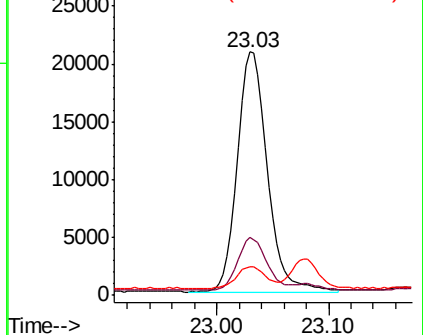
125 11.9 12.1 18.1#



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: 0.407 ng

RT: 25.20 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN007342.D

Acq: 24 Aug 2019 00:25

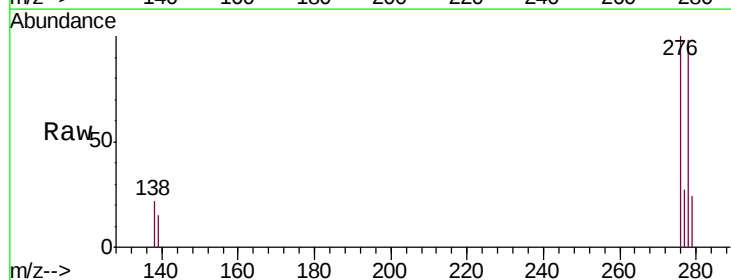
Tgt Ion:278 Resp: 38122

Ion Ratio Lower Upper

278 100

139 15.2 13.7 20.5

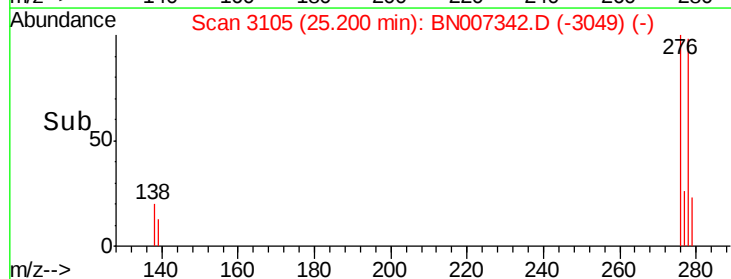
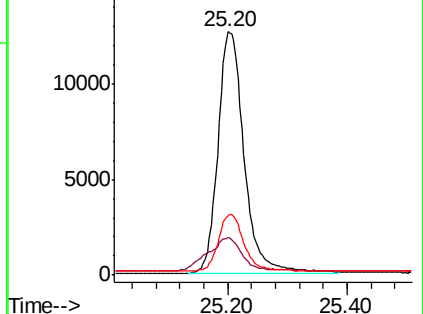
279 24.4 20.2 30.4



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: 0.409 ng

RT: 25.81 min Scan# 3283

Delta R.T. -0.01 min

Lab File: BN007342.D

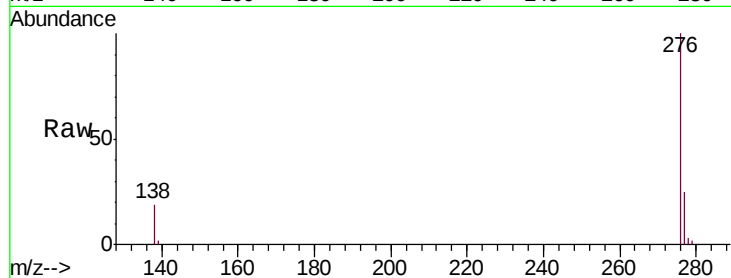
Acq: 24 Aug 2019 00:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 38118

Ion Ratio Lower Upper

276 100

277 24.6 19.6 29.4

138 18.5 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

