

Data File : BN007506.D
Acq On : 29 Aug 2019 17:30
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 30 01:58:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5414	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	22155	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	11605	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	25364	0.40	ng	0.00
27) Chrysene-d12	21.02	240	28602	0.40	ng	0.00
34) Perylene-d12	23.12	264	31765	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	6936	0.37	ng	0.00
5) Phenol-d6	6.59	99	8449	0.35	ng	0.00
8) Nitrobenzene-d5	8.53	82	7664	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	13920	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2446	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.65	172	18391	0.39	ng	0.00
25) Fluoranthene-d10	18.84	212	33575	0.41	ng	0.00
29) Terphenyl-d14	19.46	244	27062	0.36	ng	0.00

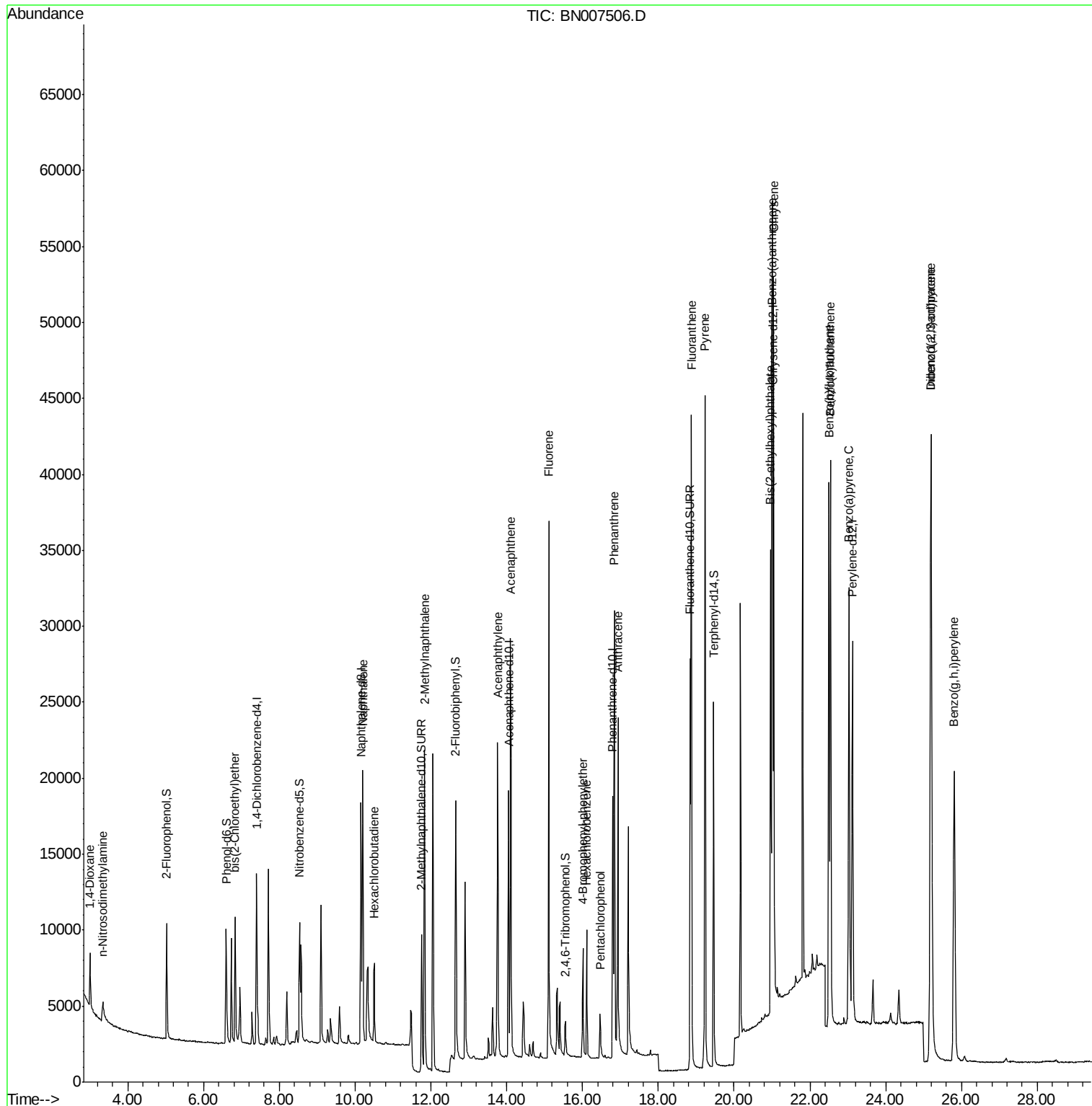
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.01	88	3608	0.401	ng	# 77
3) n-Nitrosodimethylamine	3.33	42	1148	0.275	ng	# 74
6) bis(2-Chloroethyl)ether	6.83	93	7631	0.390	ng	96
9) Naphthalene	10.20	128	24868	0.393	ng	# 89
10) Hexachlorobutadiene	10.51	225	4784	0.369	ng	# 98
12) 2-Methylnaphthalene	11.83	142	16325	0.379	ng	95
16) Acenaphthylene	13.76	152	24942	0.363	ng	99
17) Acenaphthene	14.10	154	15389	0.383	ng	98
18) Fluorene	15.10	166	19162	0.377	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	3217	0.322	ng	94
21) Hexachlorobenzene	16.11	284	7247	0.426	ng	95
22) Pentachlorophenol	16.46	266	2052	0.388	ng	# 66
23) Phenanthrene	16.84	178	30985	0.406	ng	99
24) Anthracene	16.93	178	28912	0.377	ng	99
26) Fluoranthene	18.87	202	40226	0.411	ng	99
28) Pyrene	19.23	202	42055	0.366	ng	99
30) Benzo(a)anthracene	20.99	228	41806	0.372	ng	98
31) Chrysene	21.05	228	41814	0.386	ng	99
32) Bis(2-ethylhexyl)phthalate	20.96	149	27063	0.353	ng	99
33) Indeno(1,2,3-cd)pyrene	25.19	276	51686	0.396	ng	98
35) Benzo(b)fluoranthene	22.50	252	43484	0.378	ng	97
36) Benzo(k)fluoranthene	22.54	252	46082	0.405	ng	99
37) Benzo(a)pyrene	23.03	252	42467	0.388	ng	97
38) Dibenzo(a,h)anthracene	25.20	278	41731	0.382	ng	99
39) Benzo(g,h,i)perylene	25.80	276	42763	0.393	ng	99

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

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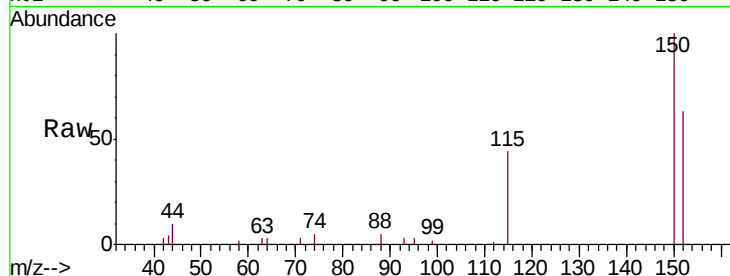


#1

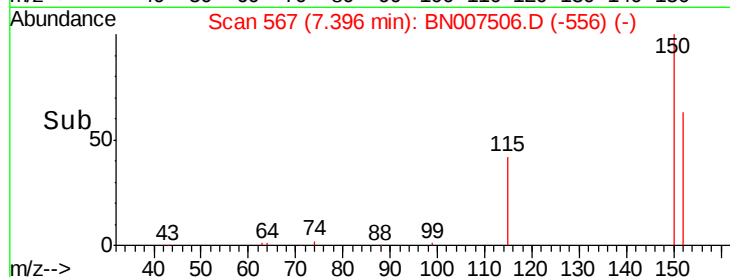
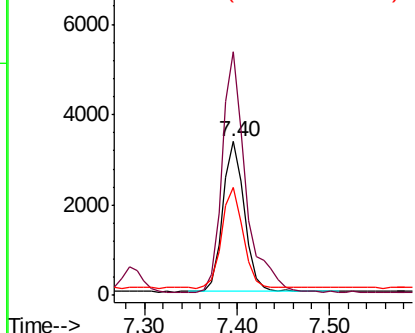
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007506.D
Acq: 29 Aug 2019 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5414
Ion Ratio Lower Upper
152 100
150 158.2 109.1 163.7
115 69.9 59.6 89.4



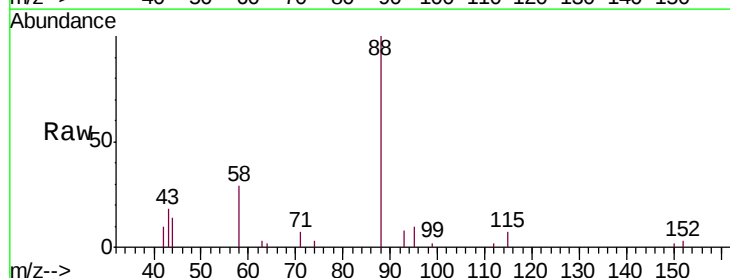
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



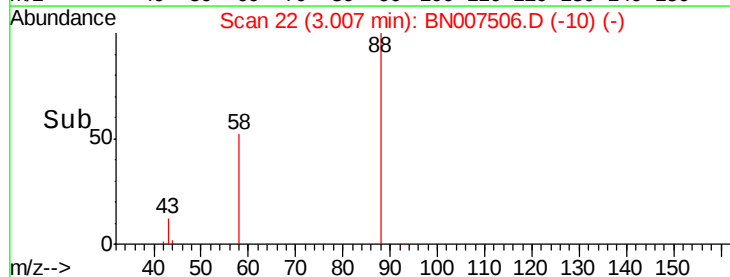
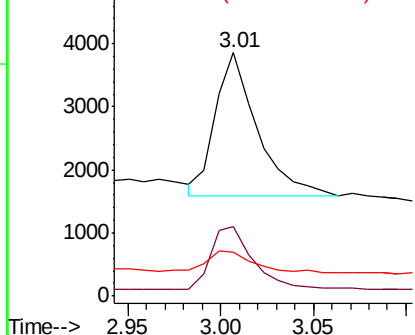
#2

1,4-Dioxane
Concen: 0.401 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007506.D
Acq: 29 Aug 2019 17:30

Tgt Ion: 88 Resp: 3608
Ion Ratio Lower Upper
88 100
58 45.6 50.5 75.7#
43 17.4 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: 0.275 ng

RT: 3.33 min Scan# 62

Delta R.T. -0.00 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

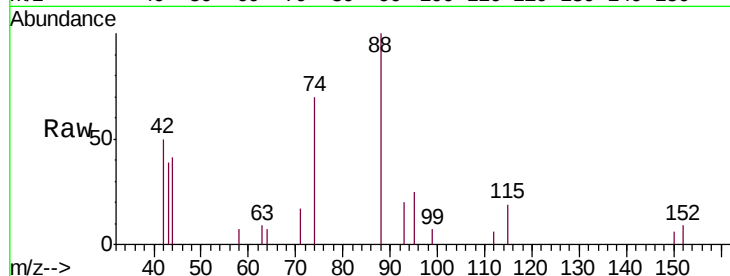
Tgt Ion: 42 Resp: 1148

Ion Ratio Lower Upper

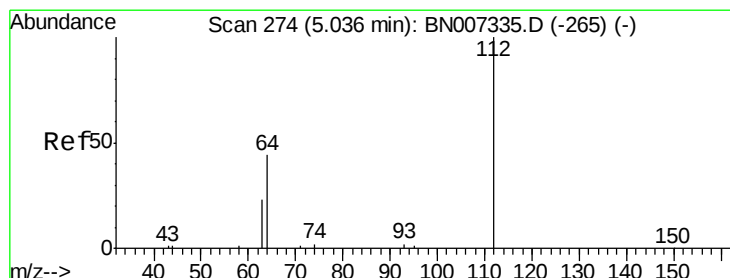
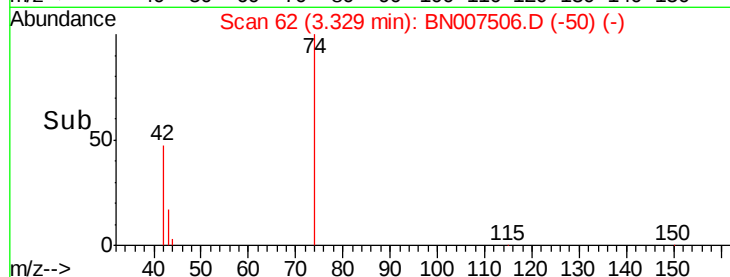
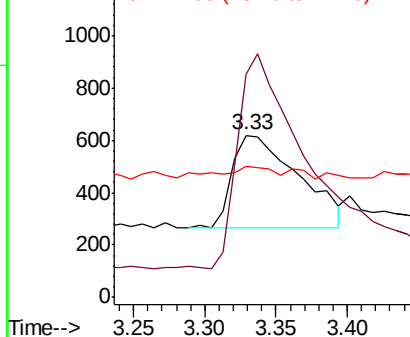
42 100

74 218.4 144.7 217.1#

44 9.1 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: 0.367 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

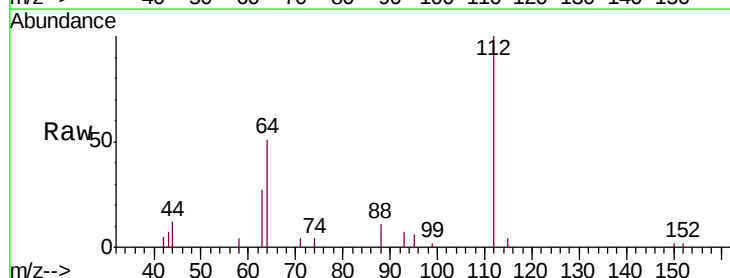
Tgt Ion: 112 Resp: 6936

Ion Ratio Lower Upper

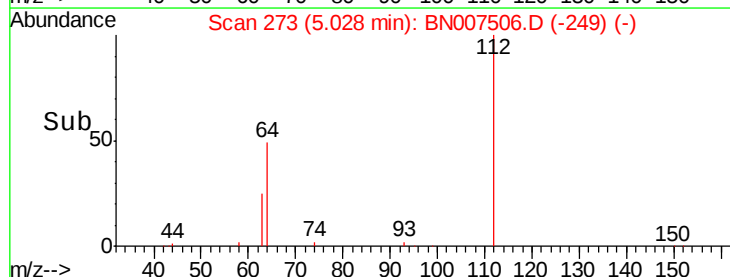
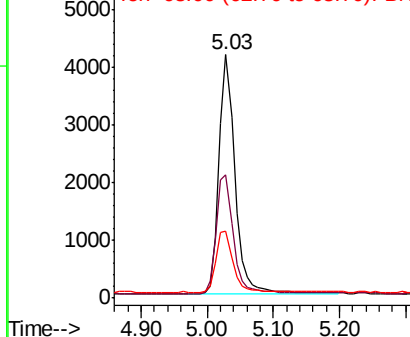
112 100

64 52.3 42.3 63.5

63 27.6 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: 0.350 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

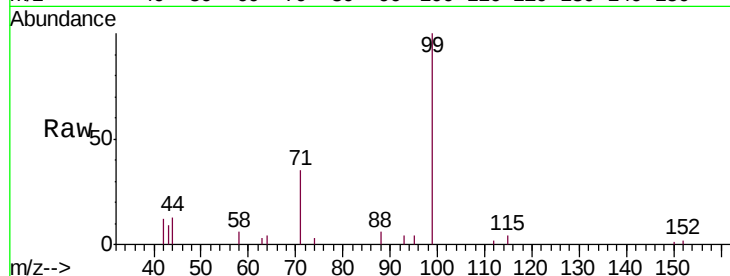
Tgt Ion: 99 Resp: 8449

Ion Ratio Lower Upper

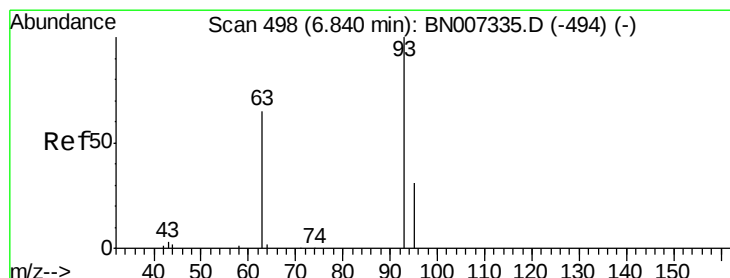
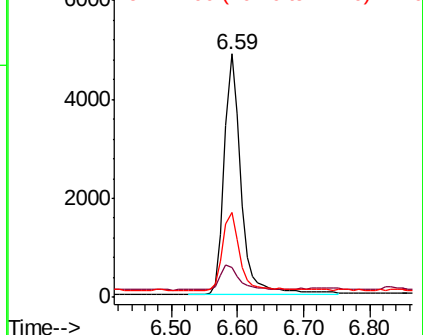
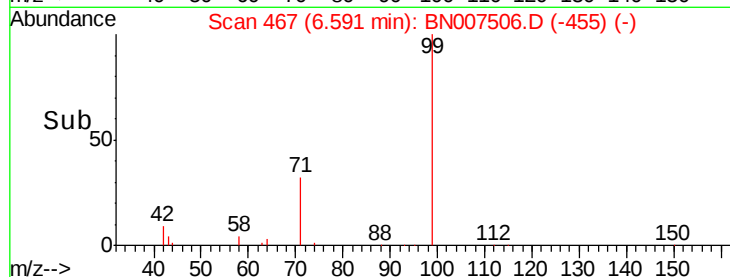
99 100

42 11.1 11.2 16.8#

71 33.2 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007506.D (-455) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.390 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

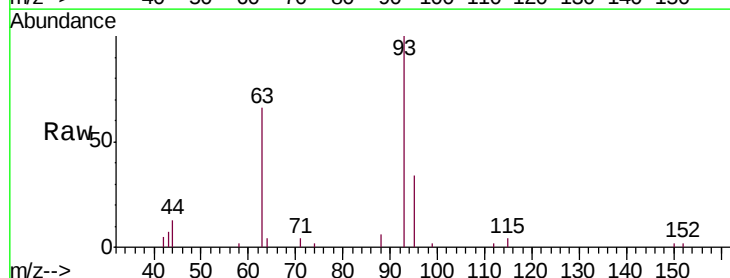
Tgt Ion: 93 Resp: 7631

Ion Ratio Lower Upper

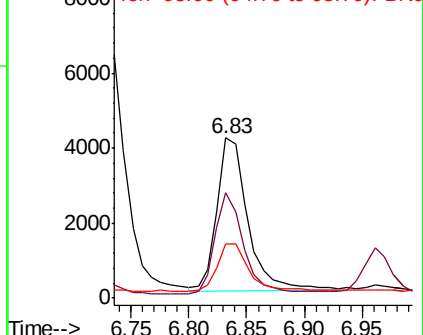
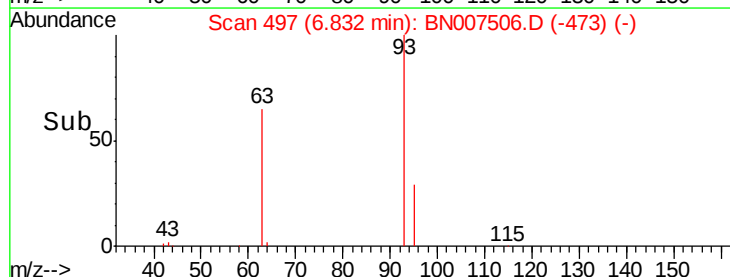
93 100

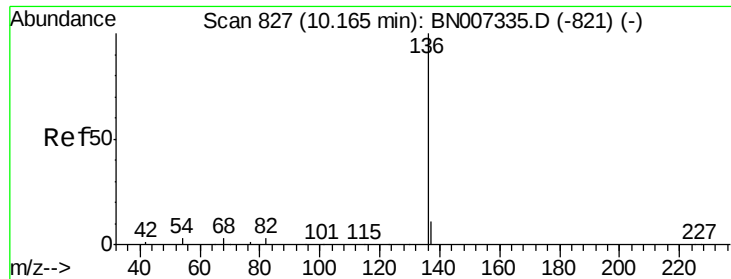
63 61.9 51.9 77.9

95 31.4 27.7 41.5



Abundance Ion 93.00 (92.70 to 93.70): BN007506.D (-473) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

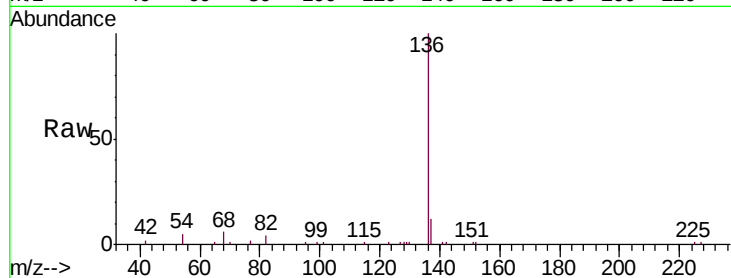
Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	136	Resp:	22155
Ion	Ratio	Lower	Upper
136	100		
137	11.6	12.9	19.3#
54	4.5	8.6	12.8#
68	6.0	17.0	25.4#



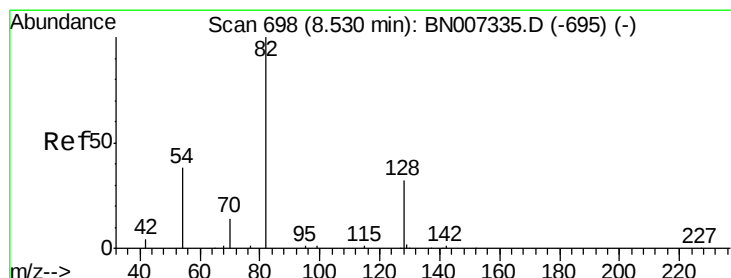
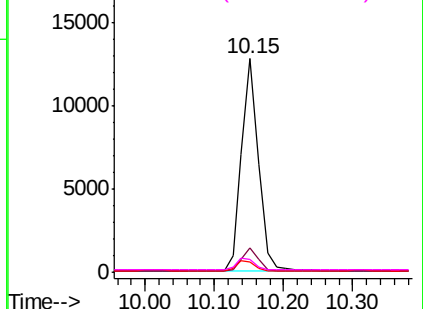
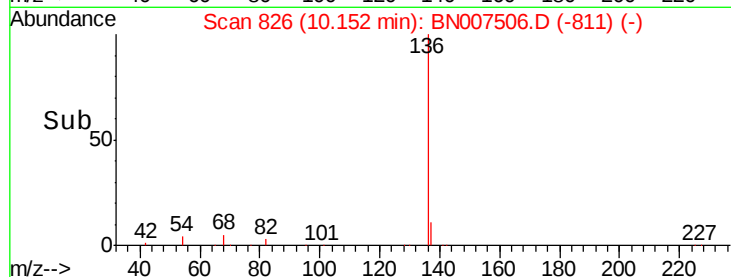
Abundance

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: 0.397 ng

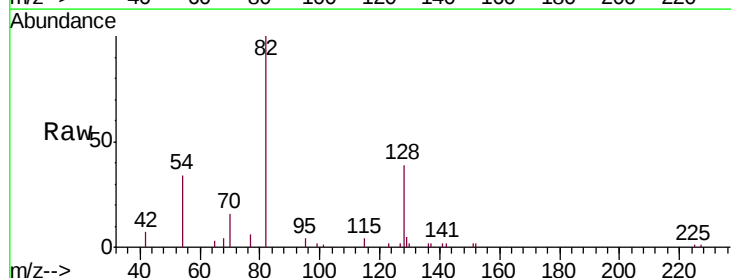
RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

Tgt Ion:	82	Resp:	7664
Ion	Ratio	Lower	Upper
82	100		
128	39.0	19.7	29.5#
54	33.9	25.8	38.6

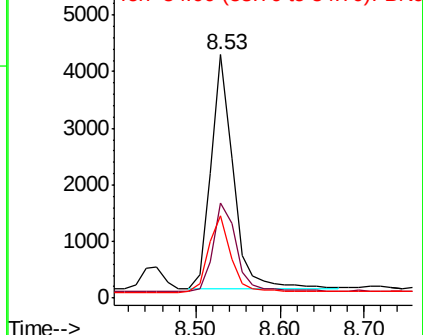
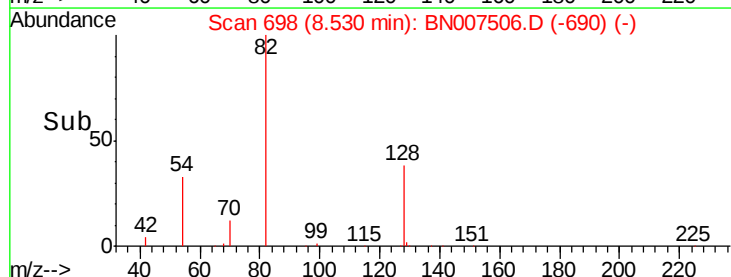


Abundance

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: 0.393 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

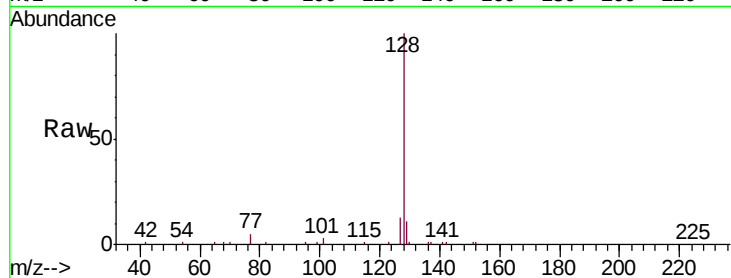
Tgt Ion:128 Resp: 24868

Ion Ratio Lower Upper

128 100

129 11.3 11.1 16.7

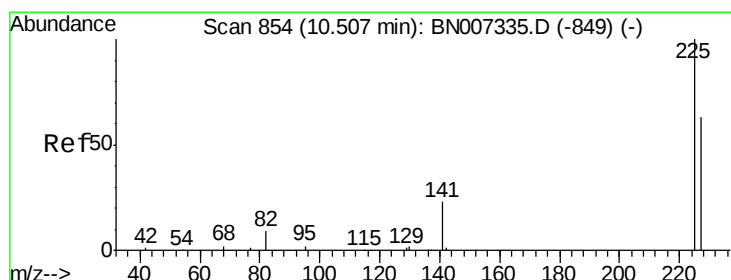
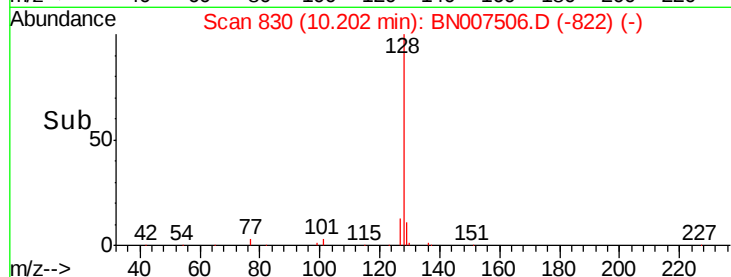
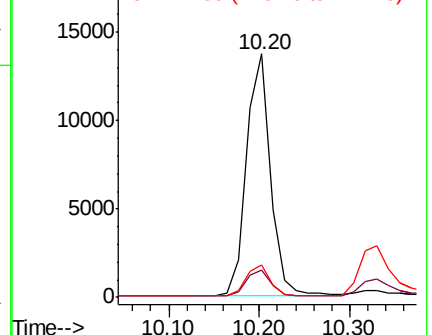
127 13.3 15.5 23.3#



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: 0.369 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

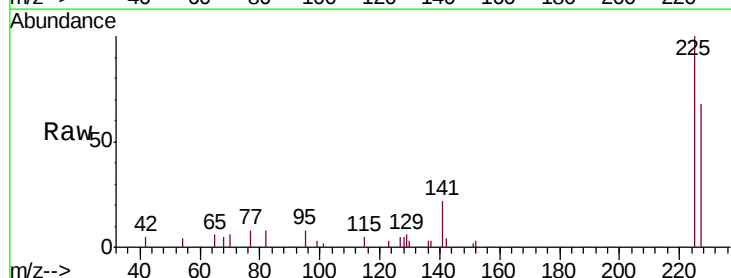
Tgt Ion:225 Resp: 4784

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

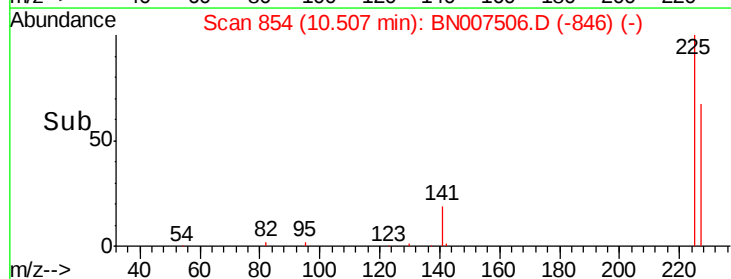
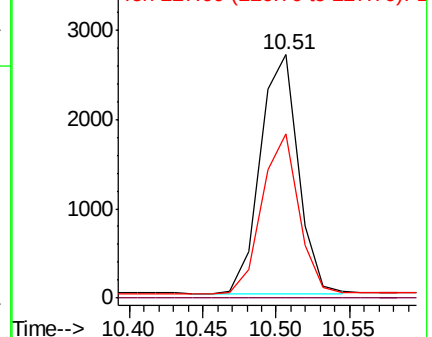
227 64.9 50.7 76.1



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: 0.378 ng

RT: 11.75 min Scan# 988

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

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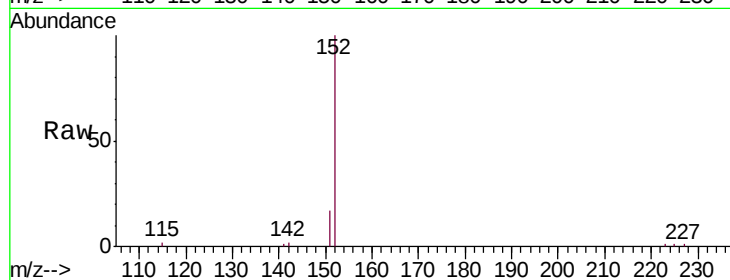
SSTDCCC0.4

Tgt Ion:152 Resp: 13920

Ion Ratio Lower Upper

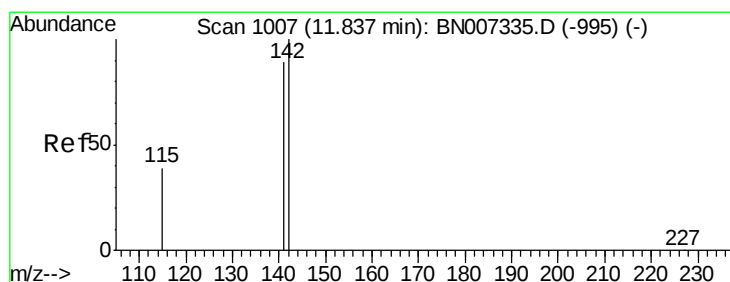
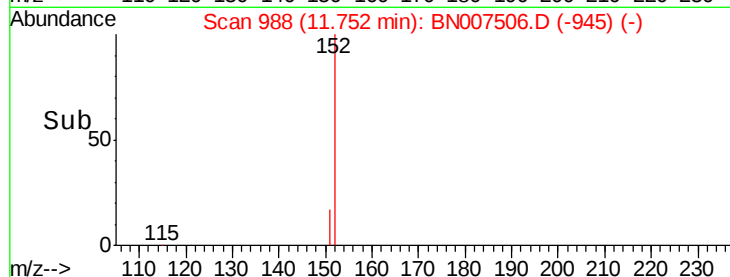
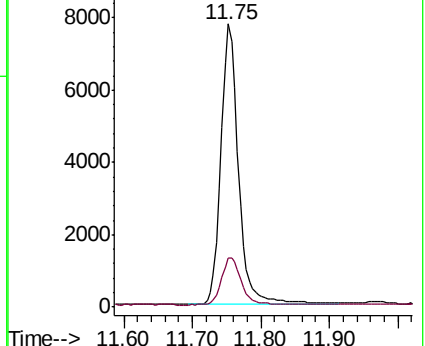
152 100

151 18.9 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: 0.379 ng

RT: 11.83 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

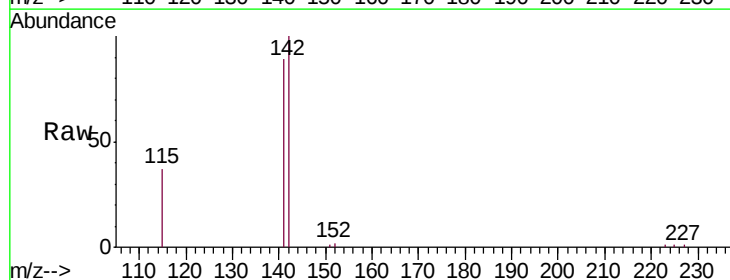
Tgt Ion:142 Resp: 16325

Ion Ratio Lower Upper

142 100

141 88.6 72.8 109.2

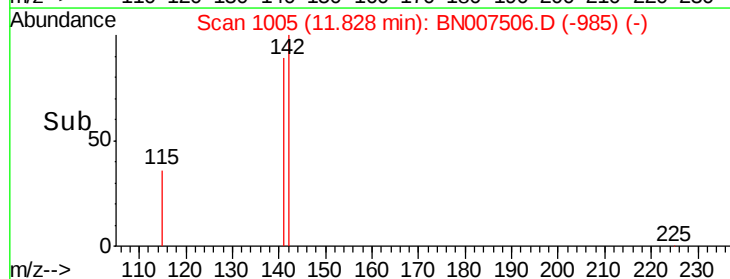
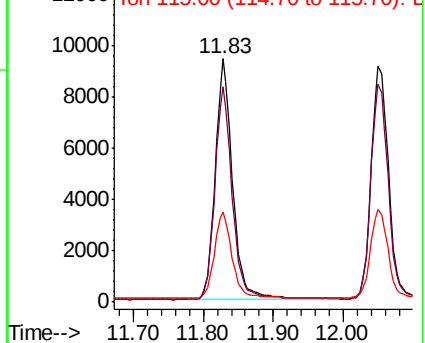
115 37.2 35.2 52.8



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: BN007506.D

Acq: 29 Aug 2019 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

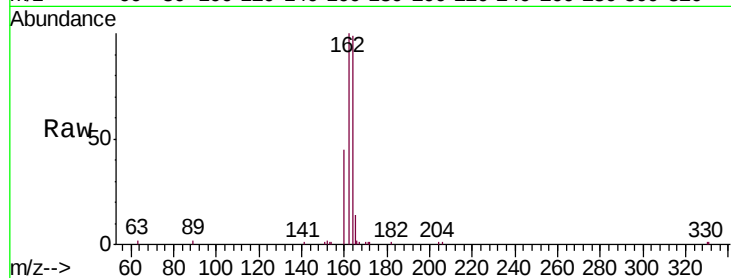
Tgt Ion:164 Resp: 11605

Ion Ratio Lower Upper

164 100

162 101.0 83.5 125.3

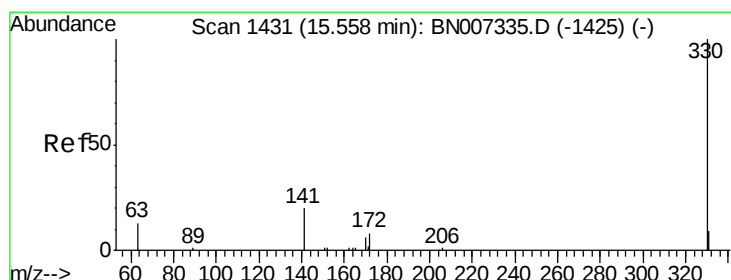
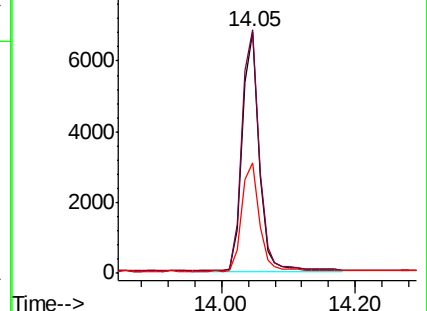
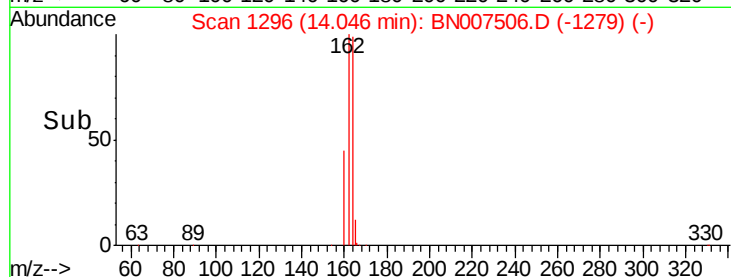
160 45.6 38.2 57.4



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: 0.403 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

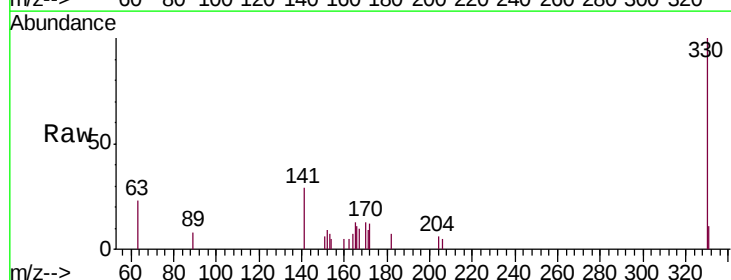
Tgt Ion:330 Resp: 2446

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

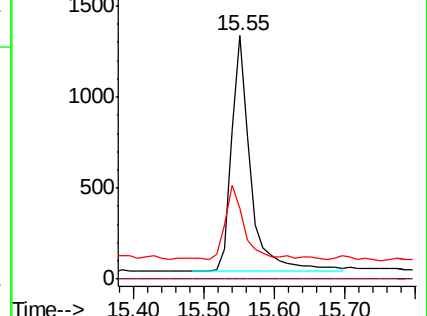
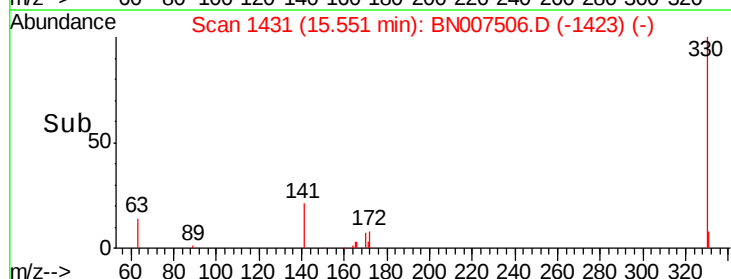
141 30.4 26.9 40.3



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

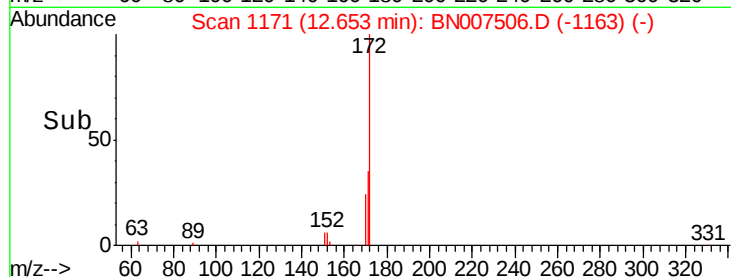
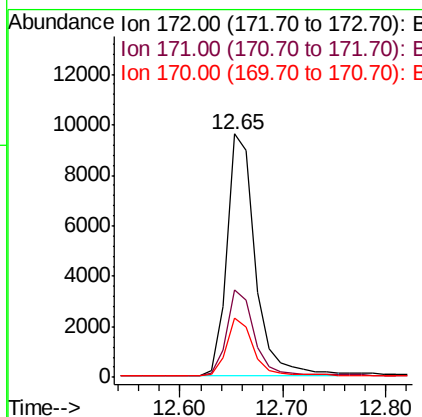
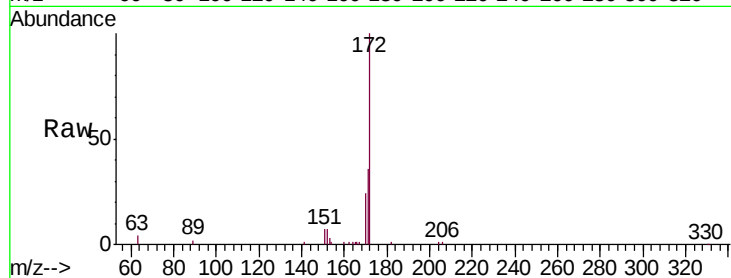




#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007506.D
Acq: 29 Aug 2019 17:30

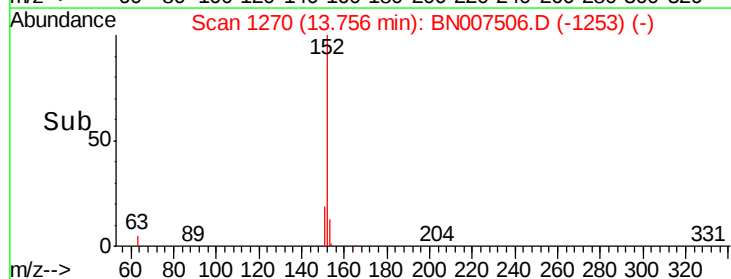
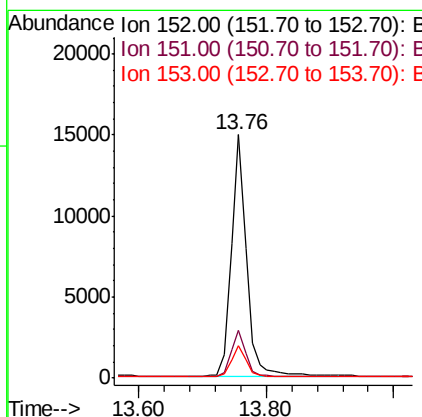
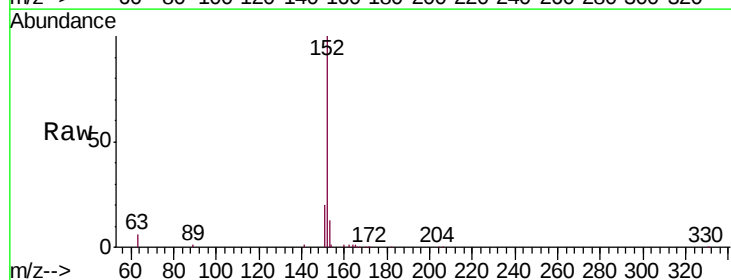
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 18391
Ion Ratio Lower Upper
172 100
171 35.9 30.3 45.5
170 24.4 20.7 31.1



#16
Acenaphthylene
Concen: 0.363 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007506.D
Acq: 29 Aug 2019 17:30

Tgt Ion:152 Resp: 24942
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.383 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

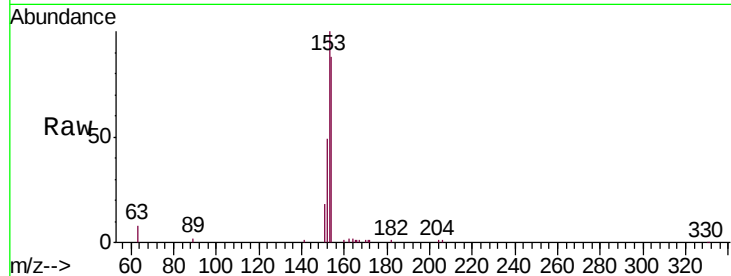
Tgt Ion:154 Resp: 15389

Ion Ratio Lower Upper

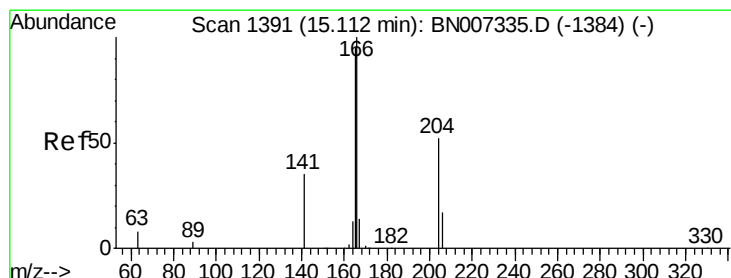
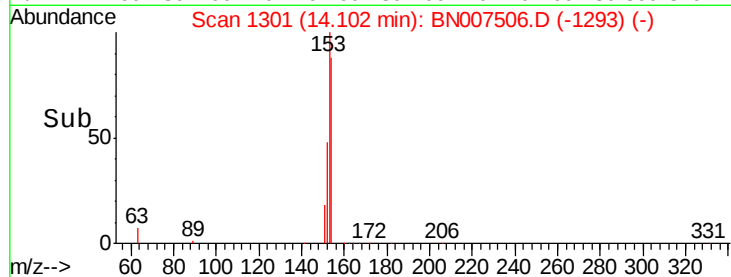
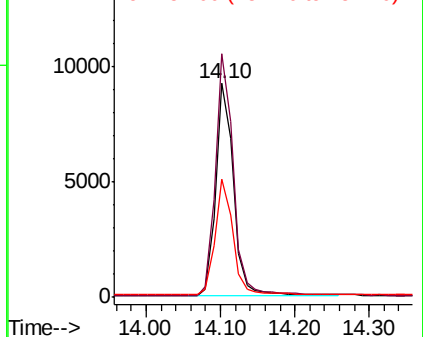
154 100

153 113.8 92.8 139.2

152 53.8 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: 0.377 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

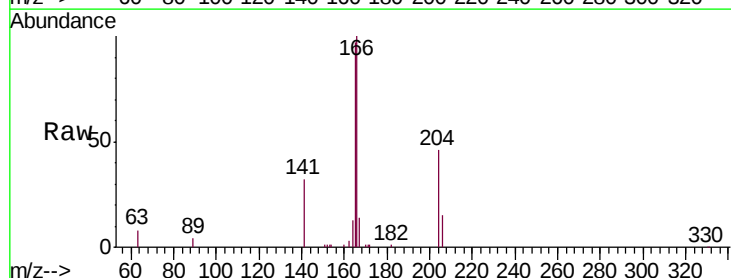
Tgt Ion:166 Resp: 19162

Ion Ratio Lower Upper

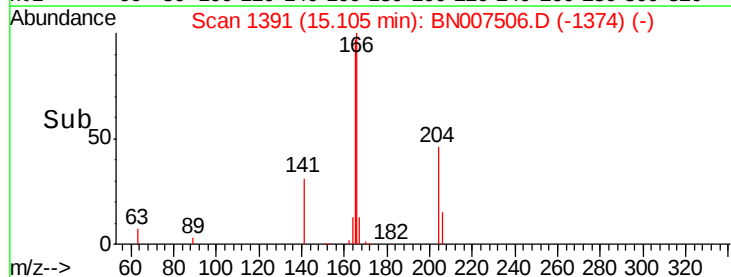
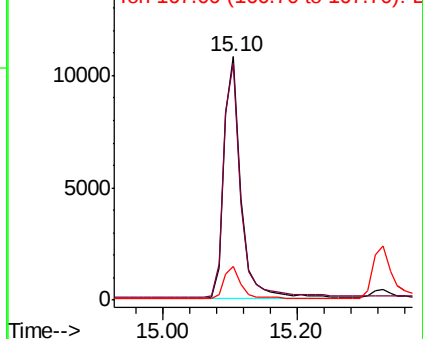
166 100

165 98.2 79.0 118.4

167 13.4 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: BN007506.D

Acq: 29 Aug 2019 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

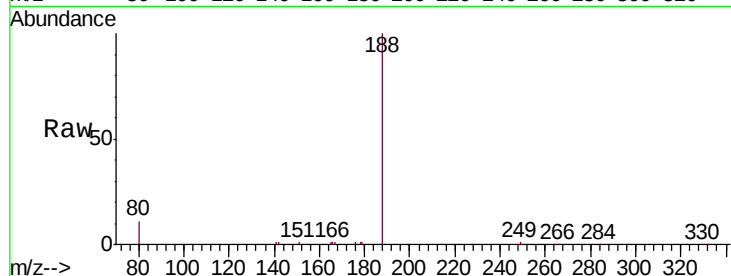
Tgt Ion:188 Resp: 25364

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

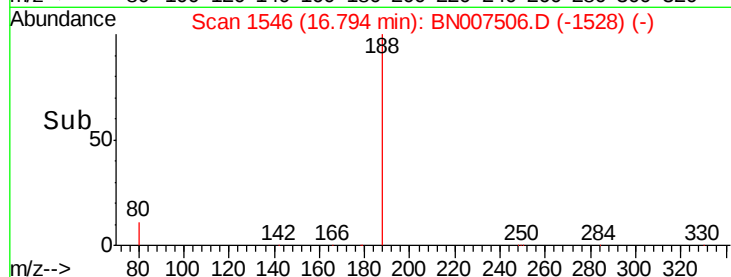
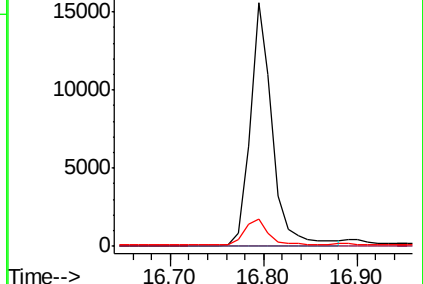
80 11.4 11.8 17.8#



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: 0.322 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

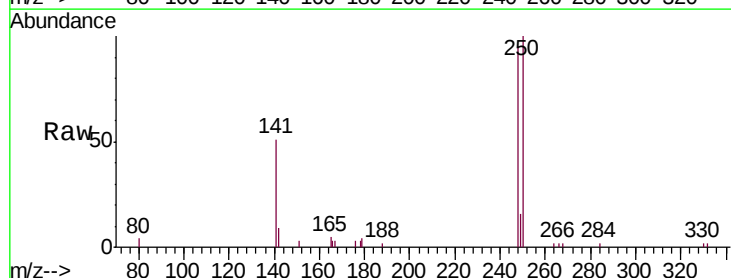
Tgt Ion:248 Resp: 3217

Ion Ratio Lower Upper

248 100

250 105.3 85.0 127.6

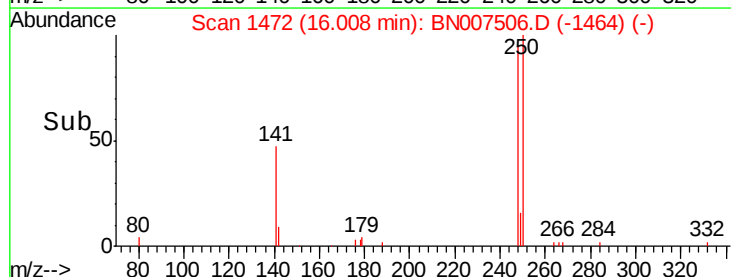
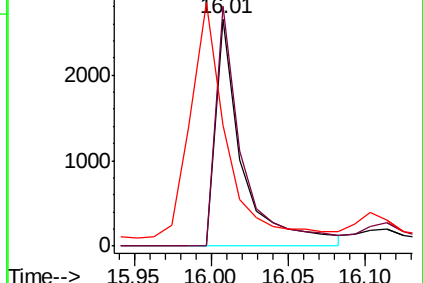
141 53.5 51.7 77.5

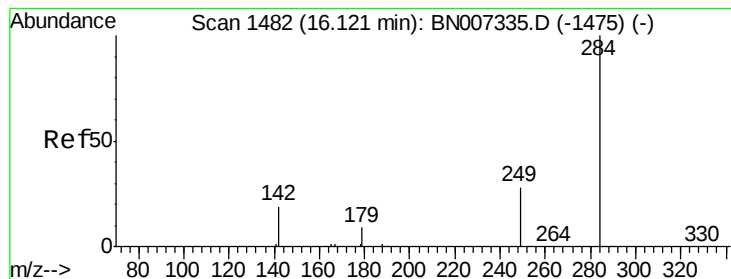


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.426 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

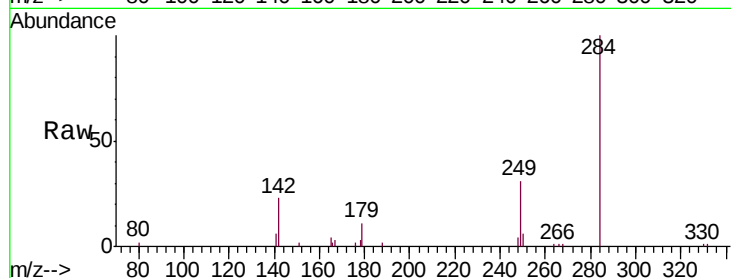
Tgt Ion:284 Resp: 7247

Ion Ratio Lower Upper

284 100

142 32.2 29.0 43.6

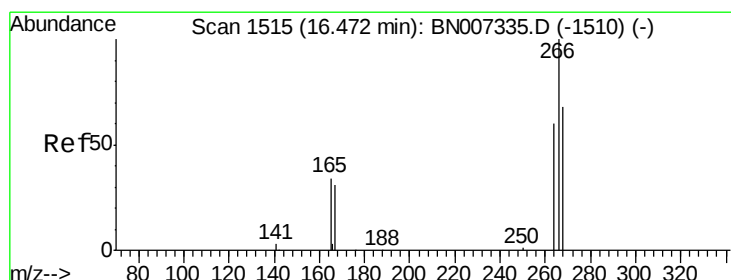
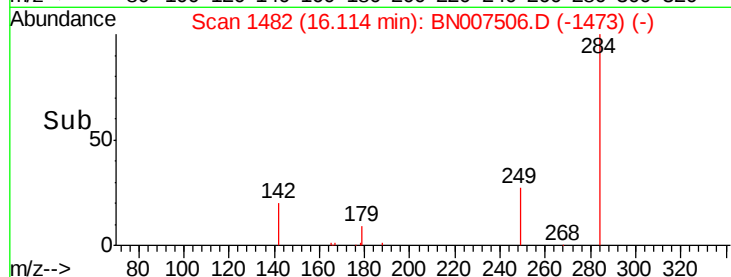
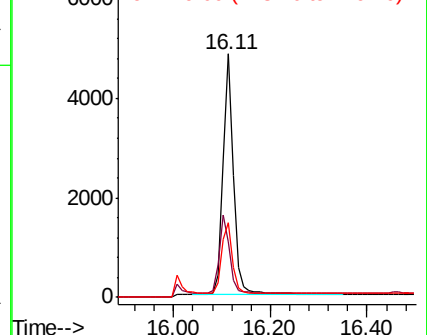
249 29.9 24.9 37.3



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: 0.388 ng

RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

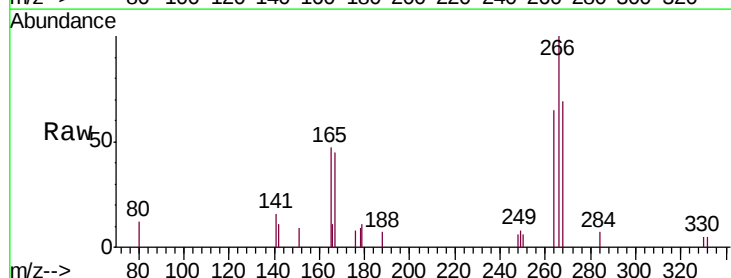
Tgt Ion:266 Resp: 2052

Ion Ratio Lower Upper

266 100

264 64.6 57.8 86.8

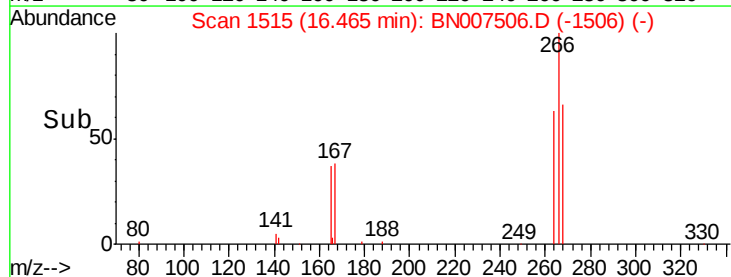
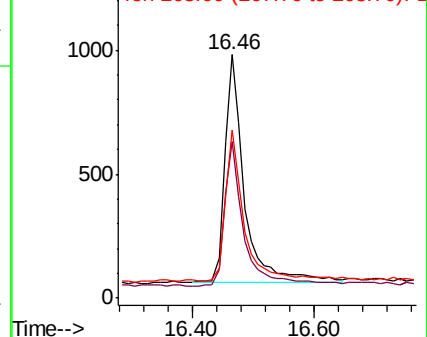
268 69.1 99.7 149.5#



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: 0.406 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

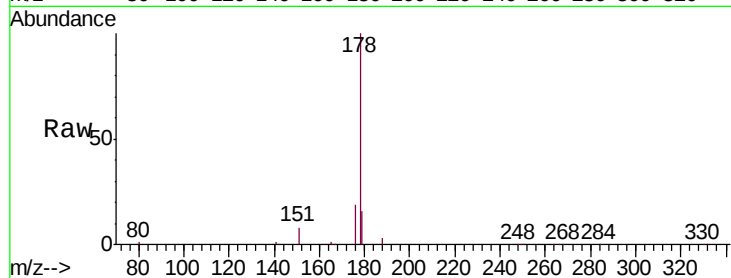
Tgt Ion:178 Resp: 30985

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

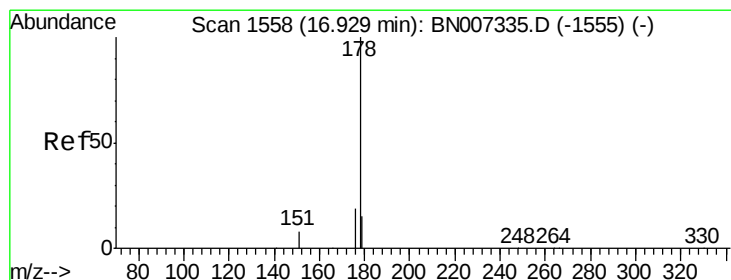
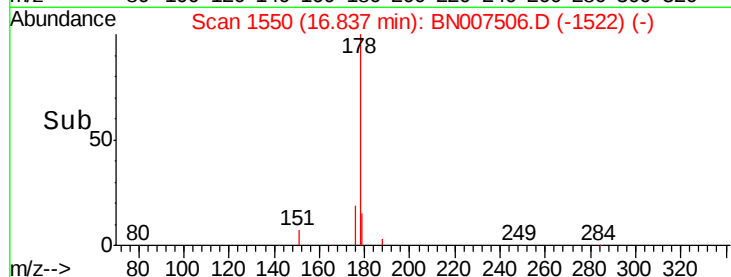
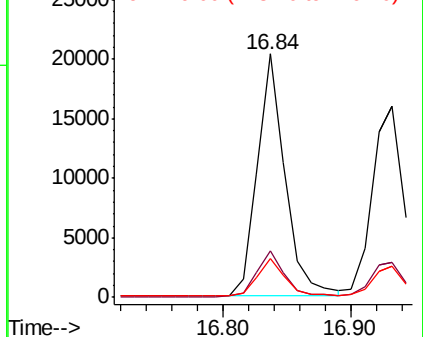
179 15.4 12.6 19.0



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: 0.377 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

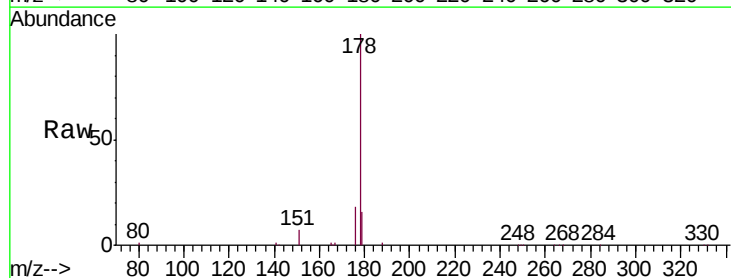
Tgt Ion:178 Resp: 28912

Ion Ratio Lower Upper

178 100

176 18.1 14.9 22.3

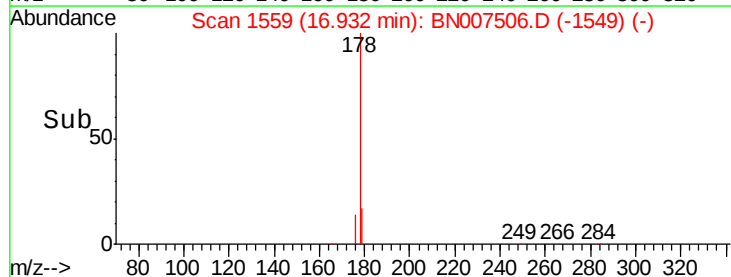
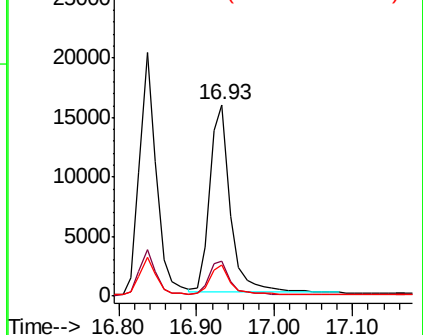
179 15.4 12.4 18.6

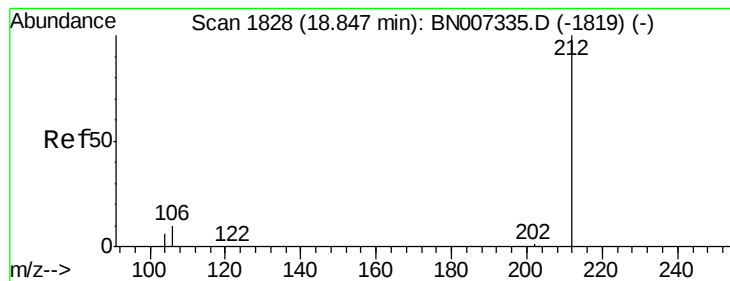


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.411 ng

RT: 18.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

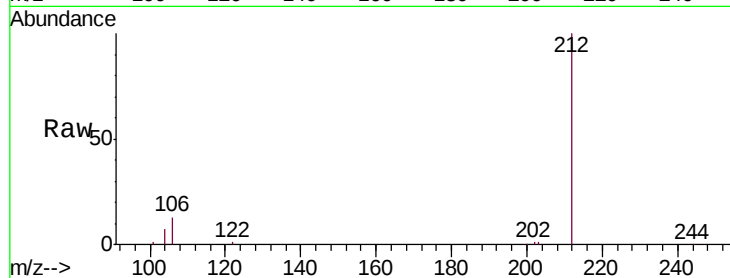
Tgt Ion:212 Resp: 33575

Ion Ratio Lower Upper

212 100

106 12.5 9.0 13.4

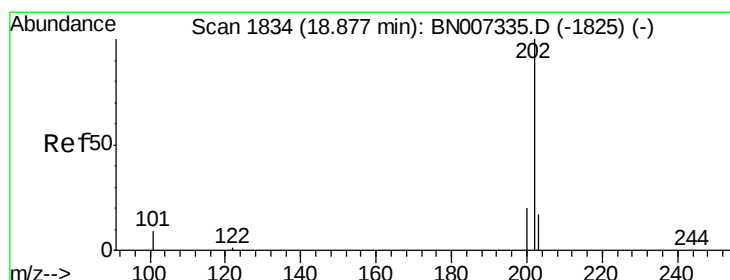
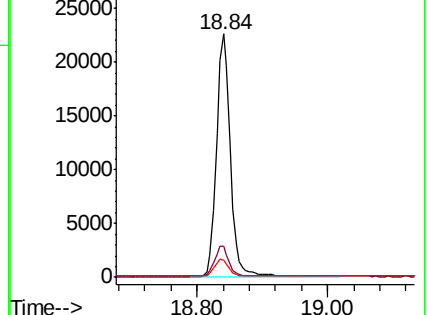
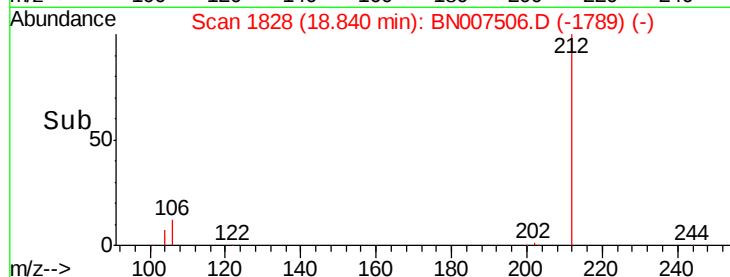
104 7.0 5.4 8.2



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: 0.411 ng

RT: 18.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

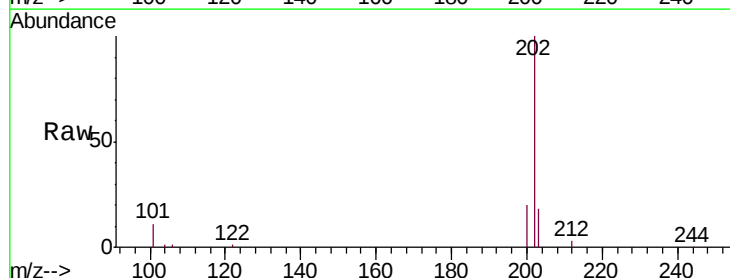
Tgt Ion:202 Resp: 40226

Ion Ratio Lower Upper

202 100

101 10.7 7.7 11.5

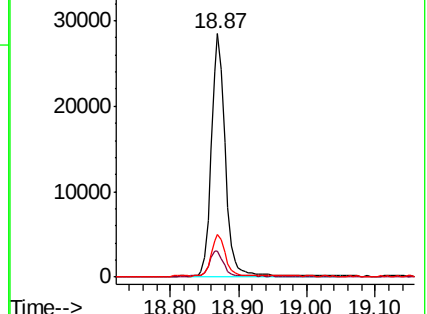
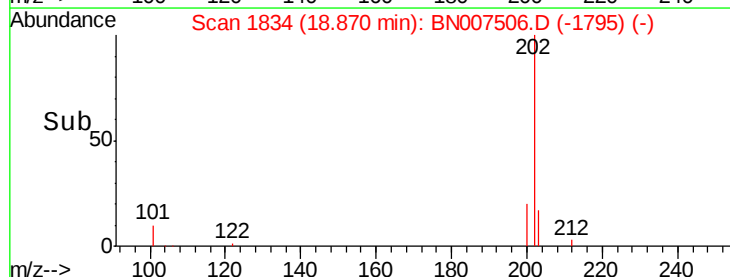
203 17.2 13.7 20.5



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: BN007506.D

Acq: 29 Aug 2019 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

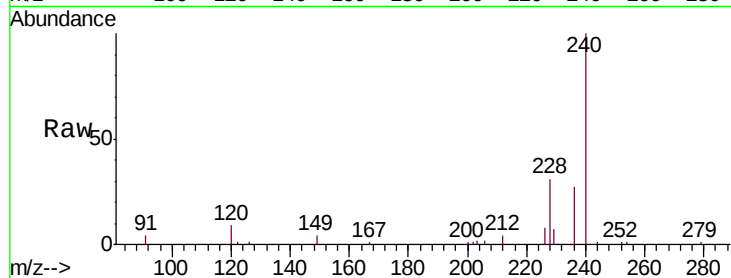
Tgt Ion:240 Resp: 28602

Ion Ratio Lower Upper

240 100

120 9.1 9.6 14.4#

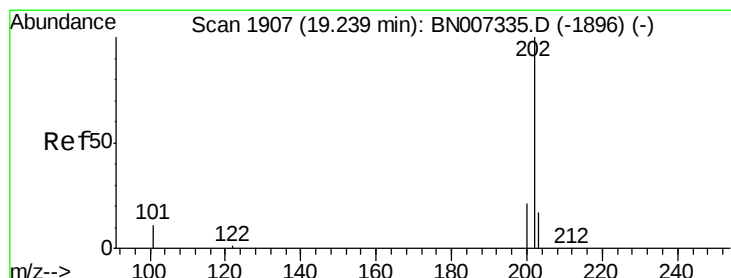
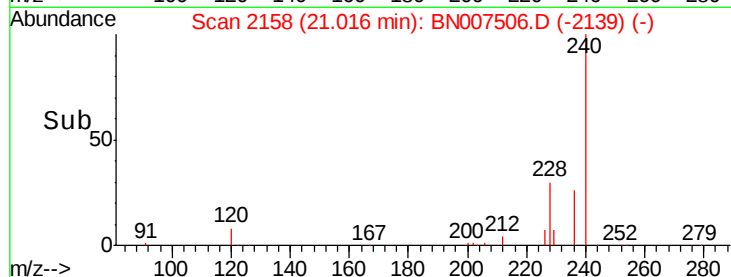
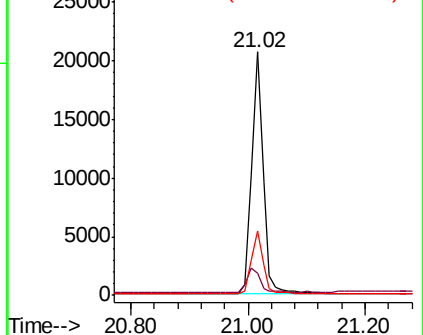
236 26.7 22.2 33.2



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: 0.366 ng

RT: 19.23 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

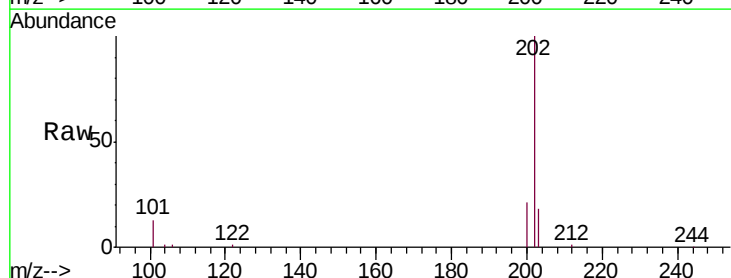
Tgt Ion:202 Resp: 42055

Ion Ratio Lower Upper

202 100

200 20.1 16.6 25.0

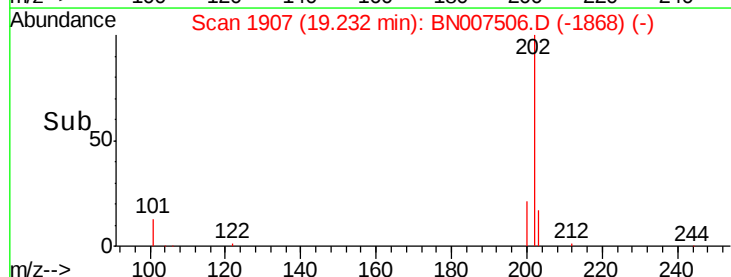
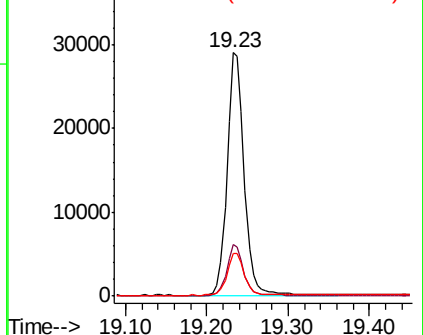
203 17.6 14.2 21.4



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: 0.362 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

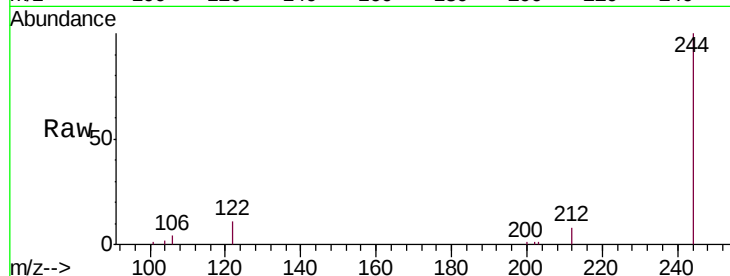
Tgt Ion:244 Resp: 27062

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.6

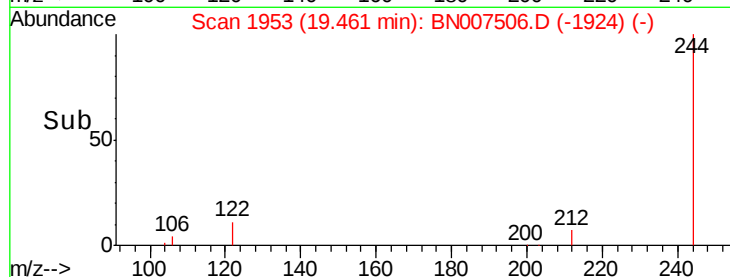
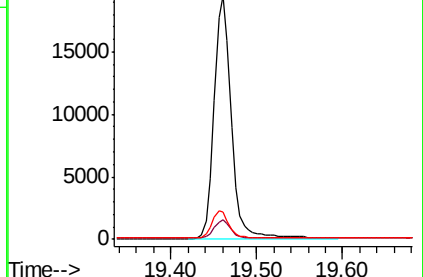
122 11.3 9.6 14.4



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: 0.372 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

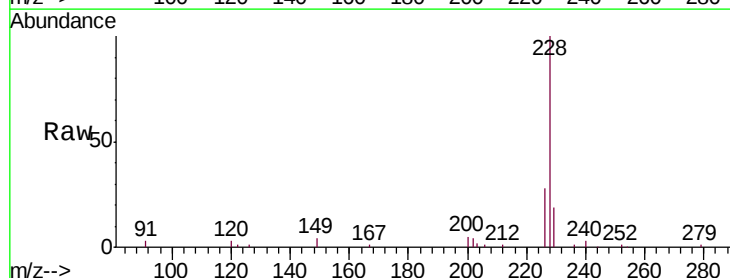
Tgt Ion:228 Resp: 41806

Ion Ratio Lower Upper

228 100

226 27.6 21.3 31.9

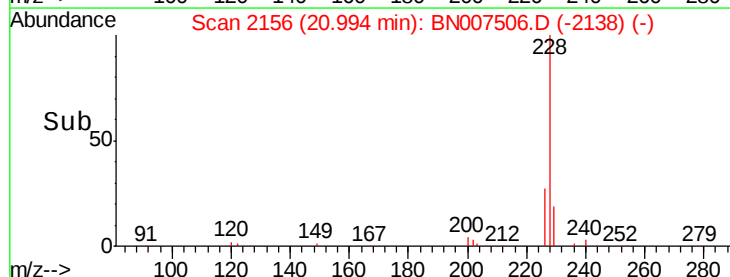
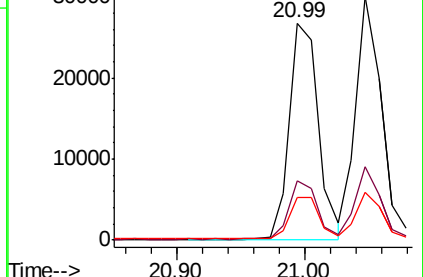
229 19.5 16.1 24.1



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: 0.386 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

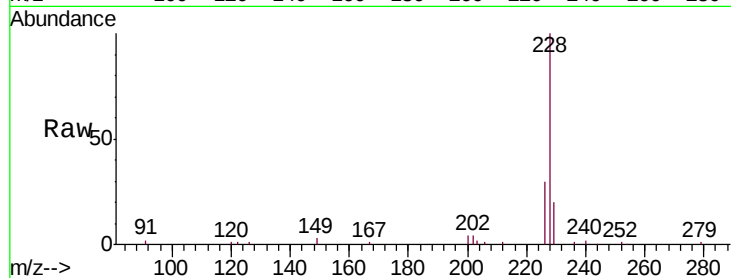
Tgt Ion:228 Resp: 41814

Ion Ratio Lower Upper

228 100

226 29.9 23.5 35.3

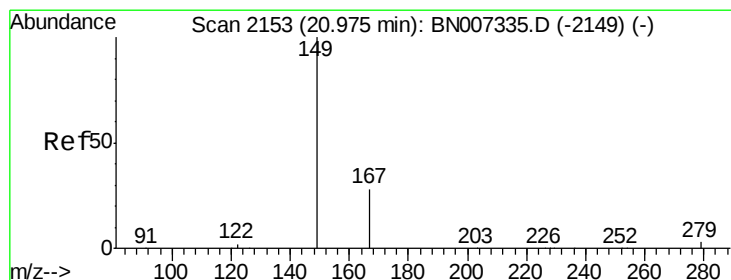
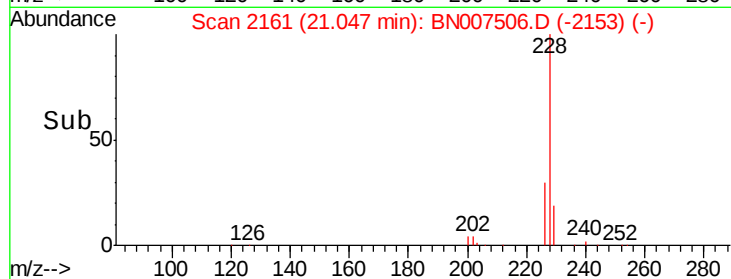
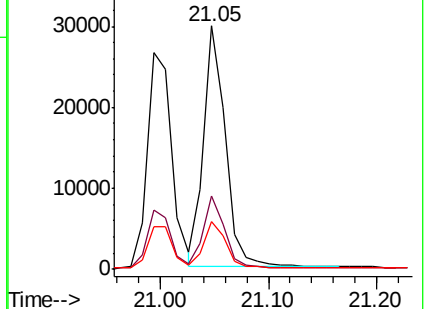
229 19.6 16.6 24.8



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: 0.353 ng

RT: 20.96 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

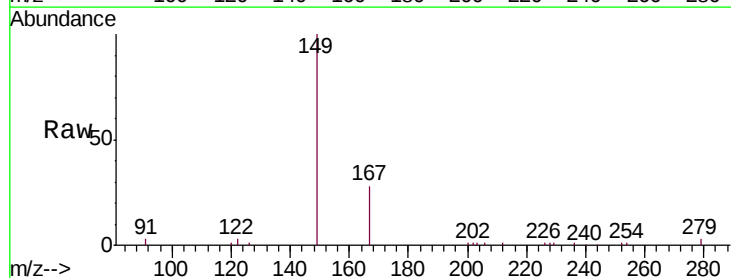
Tgt Ion:149 Resp: 27063

Ion Ratio Lower Upper

149 100

167 28.0 22.8 34.2

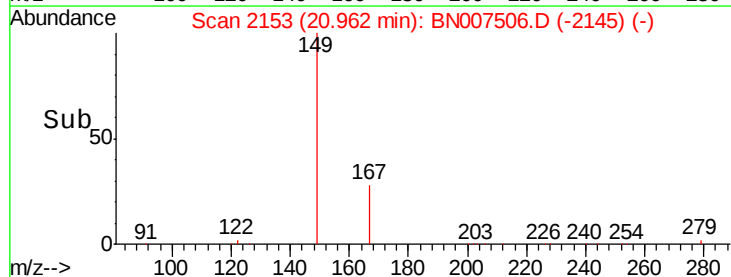
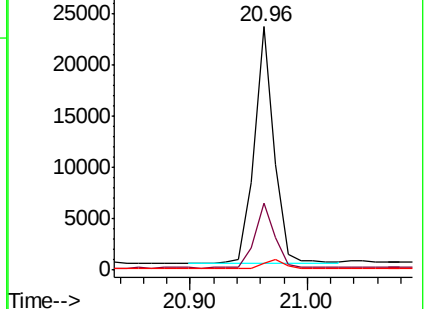
279 4.8 3.5 5.3



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: 0.396 ng

RT: 25.19 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

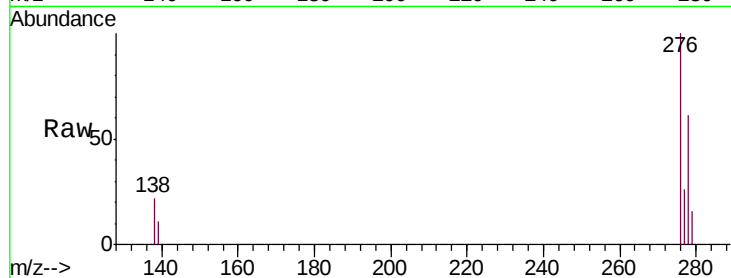
Tgt Ion:276 Resp: 51686

Ion Ratio Lower Upper

276 100

138 21.1 15.1 22.7

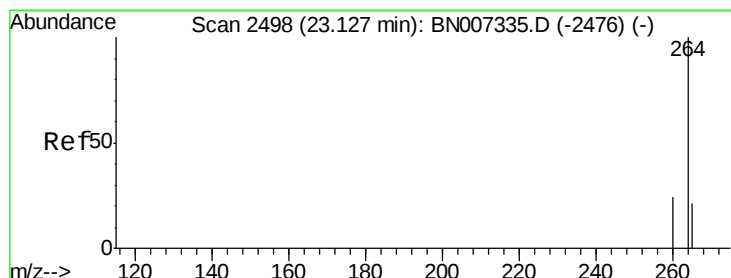
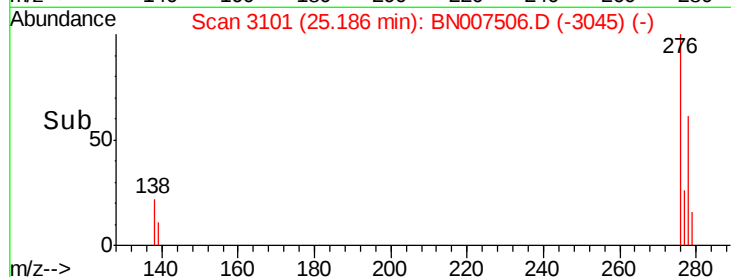
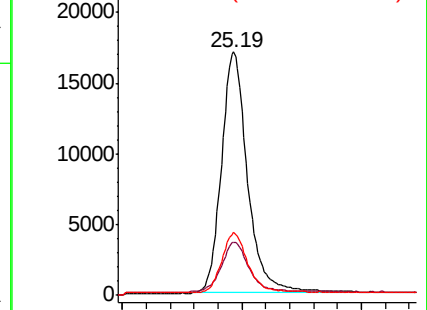
277 24.7 19.7 29.5



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# 2497

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

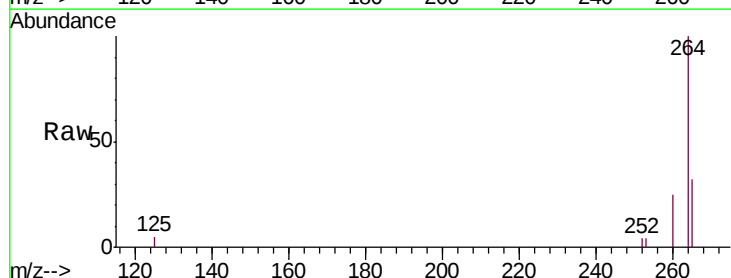
Tgt Ion:264 Resp: 31765

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

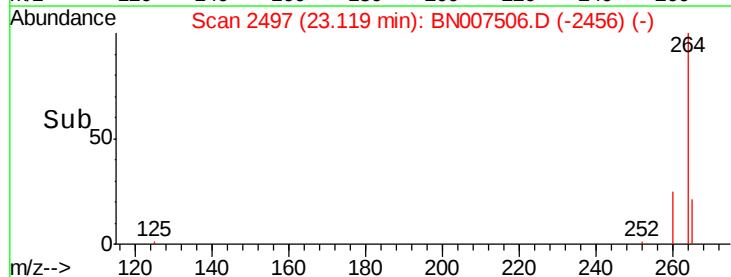
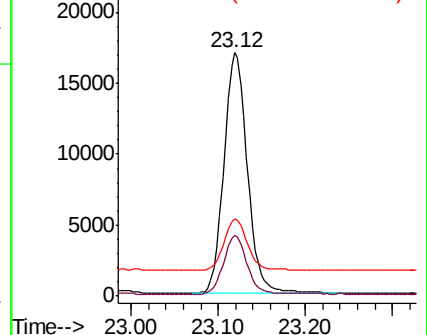
265 31.6 29.9 44.9



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

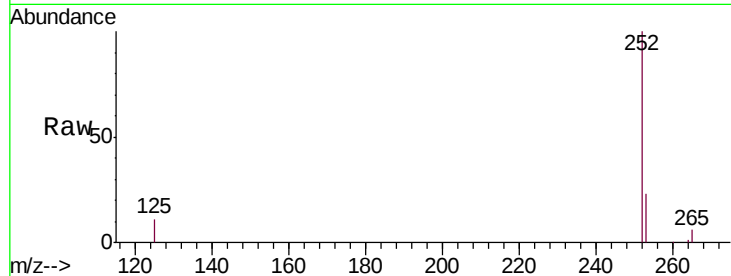




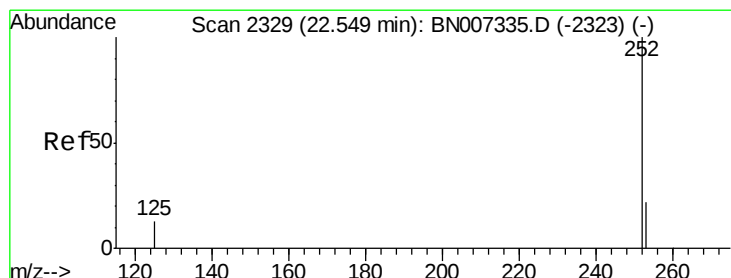
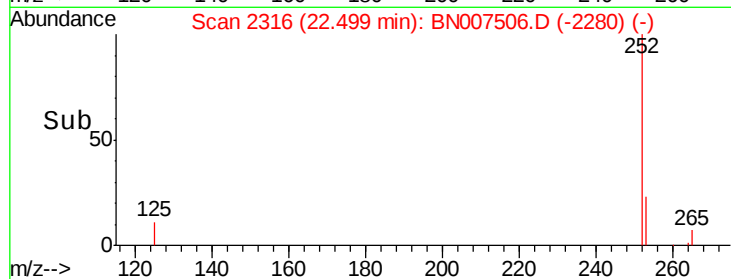
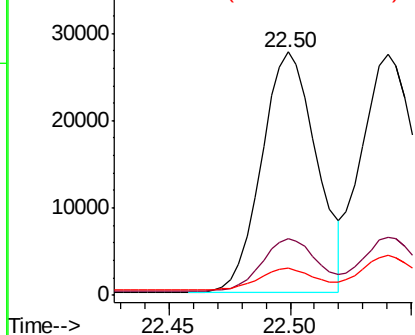
#35
Benzo(b)fluoranthene
Concen: 0.378 ng
RT: 22.50 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BN007506.D
Acq: 29 Aug 2019 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 43484
Ion Ratio Lower Upper
252 100
253 23.1 19.2 28.8
125 11.1 10.6 16.0

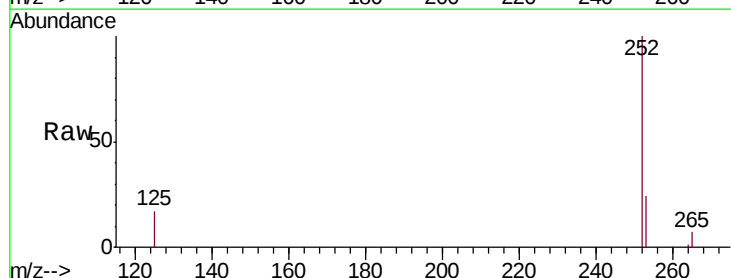


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

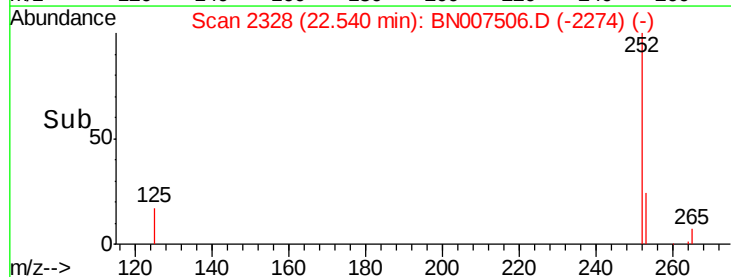
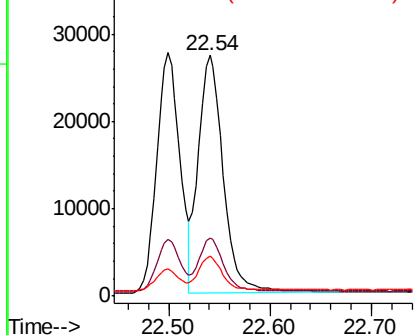


#36
Benzo(k)fluoranthene
Concen: 0.405 ng
RT: 22.54 min Scan# 2328
Delta R.T. -0.01 min
Lab File: BN007506.D
Acq: 29 Aug 2019 17:30

Tgt Ion:252 Resp: 46082
Ion Ratio Lower Upper
252 100
253 24.1 19.4 29.2
125 16.8 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: 23.03 min Scan# 2471

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

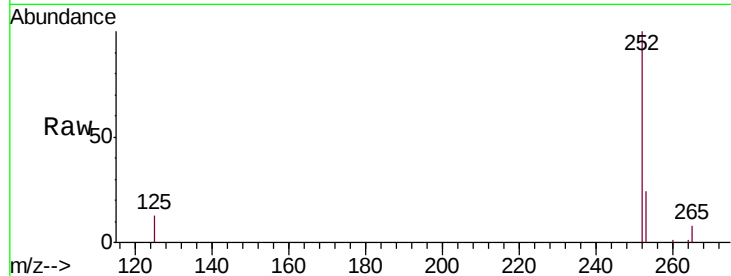
Tgt Ion:252 Resp: 42467

Ion Ratio Lower Upper

252 100

253 23.6 19.5 29.3

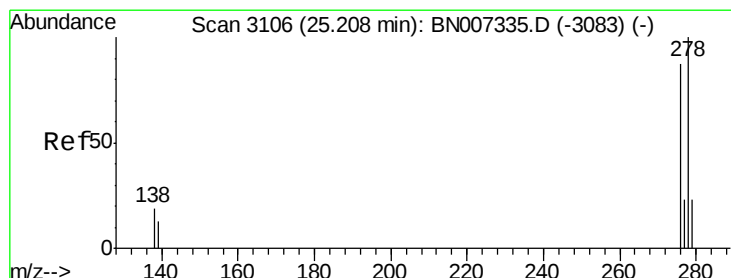
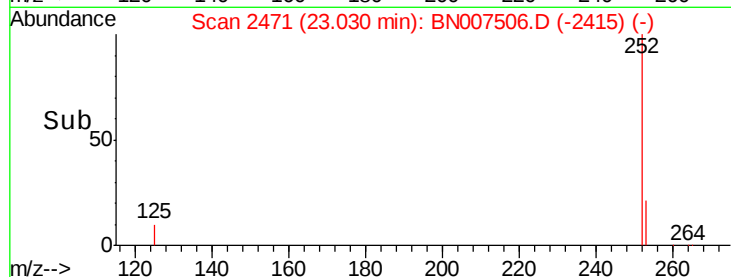
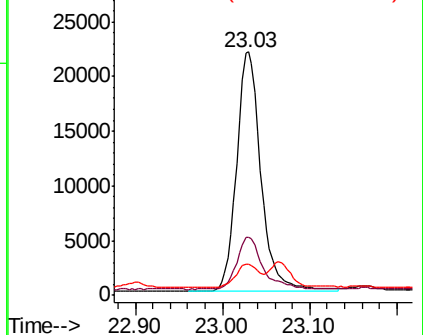
125 12.9 12.1 18.1



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: 0.382 ng

RT: 25.20 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN007506.D

Acq: 29 Aug 2019 17:30

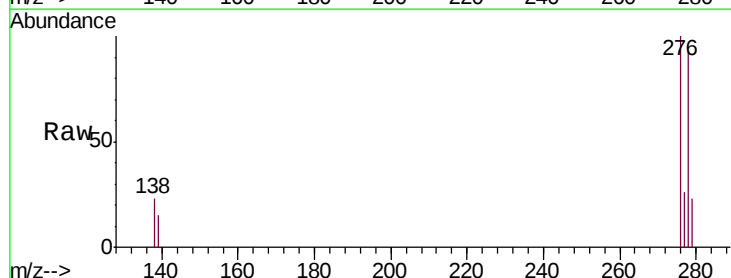
Tgt Ion:278 Resp: 41731

Ion Ratio Lower Upper

278 100

139 16.4 13.7 20.5

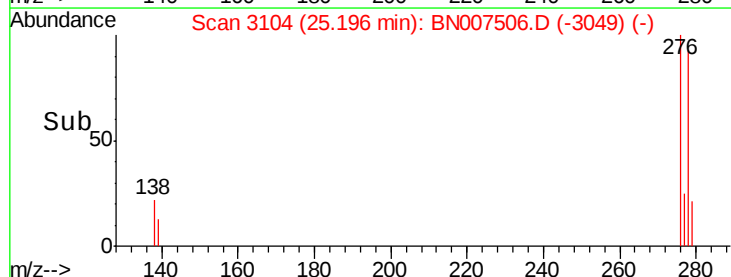
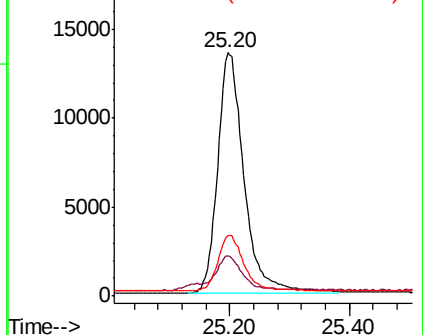
279 24.9 20.2 30.4



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(g,h,i)perylene

Concen: 0.393 ng

RT: 25.80 min Scan# 3281

Delta R.T. -0.02 min

Lab File: BN007506.D

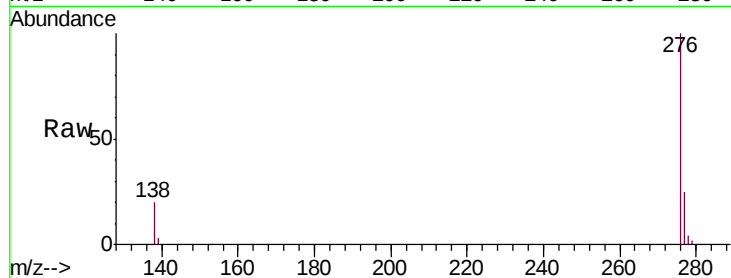
Acq: 29 Aug 2019 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 42763

Ion Ratio Lower Upper

276 100

277 24.8 19.6 29.4

138 19.9 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

