

Data File : BN007513.D
Acq On : 29 Aug 2019 21:42
Operator : HP/JU
Sample : PB122289BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122289BSD

Quant Time: Aug 30 02:01:04 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	5018	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	22192	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	14059	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	37209	0.40	ng	0.00
27) Chrysene-d12	21.02	240	39014	0.40	ng	0.00
34) Perylene-d12	23.12	264	34890	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	5997	0.34	ng	0.00
5) Phenol-d6	6.59	99	8321	0.37	ng	0.00
8) Nitrobenzene-d5	8.53	82	6178	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	14675	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2497	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	18015	0.32	ng	0.00
25) Fluoranthene-d10	18.84	212	42004	0.35	ng	0.00
29) Terphenyl-d14	19.46	244	32237	0.32	ng	0.00

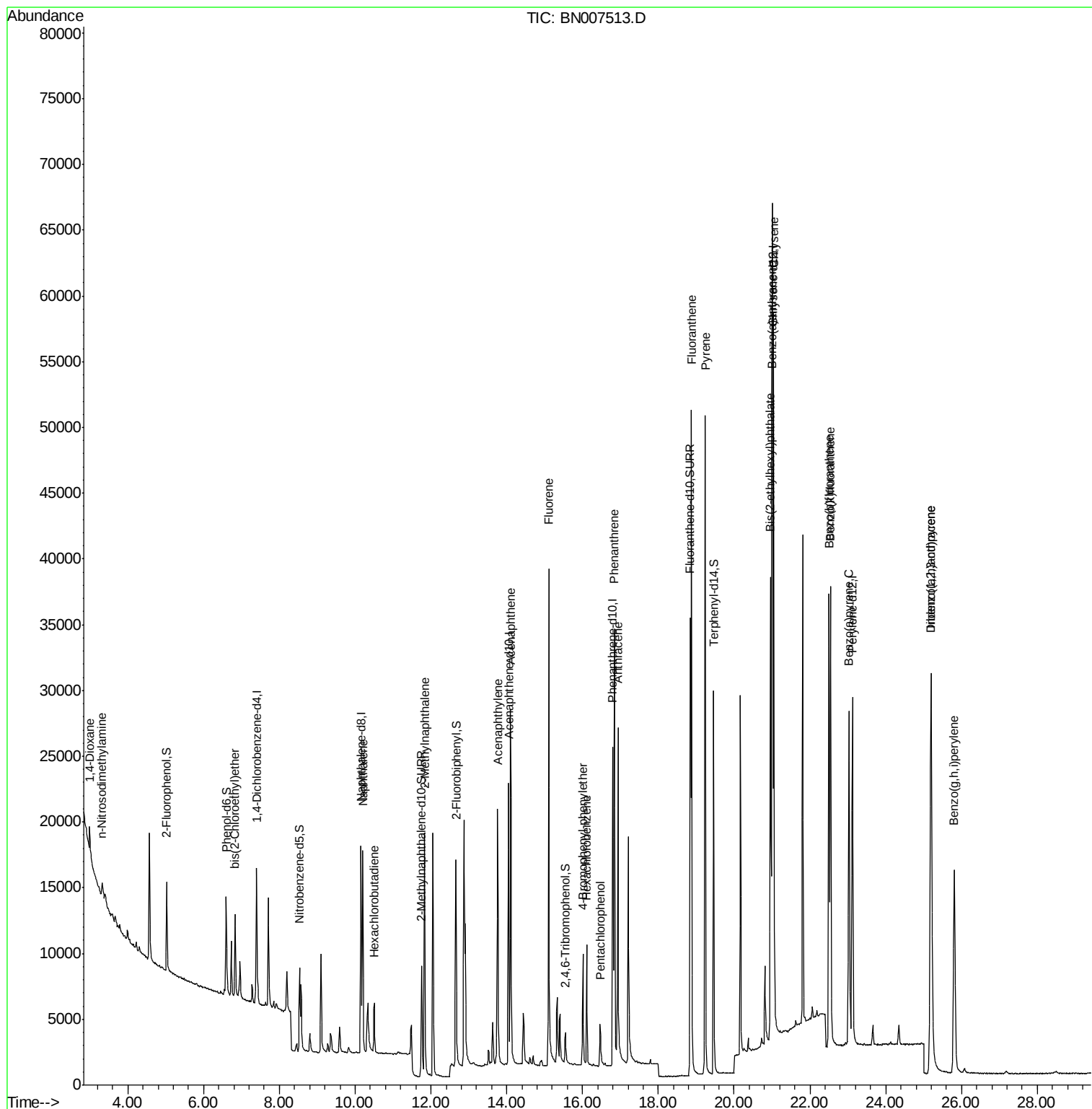
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.00	88	2012	0.241	ng	# 92
3) n-Nitrosodimethylamine	3.32	42	926	0.239	ng	# 67
6) bis(2-Chloroethyl)ether	6.83	93	5733	0.316	ng	97
9) Naphthalene	10.20	128	20625	0.325	ng	# 90
10) Hexachlorobutadiene	10.51	225	3489	0.269	ng	# 100
12) 2-Methylnaphthalene	11.83	142	14577	0.337	ng	95
16) Acenaphthylene	13.76	152	24346	0.293	ng	99
17) Acenaphthene	14.10	154	15142	0.311	ng	98
18) Fluorene	15.10	166	20174	0.328	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	3704	0.252	ng	94
21) Hexachlorobenzene	16.11	284	7669	0.307	ng	95
22) Pentachlorophenol	16.46	266	2459	0.317	ng	# 65
23) Phenanthrene	16.84	178	35216	0.315	ng	99
24) Anthracene	16.93	178	33136	0.294	ng	99
26) Fluoranthene	18.87	202	47703	0.332	ng	99
28) Pyrene	19.24	202	48679	0.310	ng	99
30) Benzo(a)anthracene	20.99	228	45424	0.296	ng	99
31) Chrysene	21.05	228	46446	0.314	ng	98
32) Bis(2-ethylhexyl)phthalate	20.96	149	25958	0.243	ng	99
33) Indeno(1,2,3-cd)pyrene	25.19	276	41156	0.231	ng	97
35) Benzo(b)fluoranthene	22.50	252	40637	0.321	ng	97
36) Benzo(k)fluoranthene	22.54	252	44213	0.354	ng	97
37) Benzo(a)pyrene	23.03	252	39151	0.325	ng	97
38) Dibenzo(a,h)anthracene	25.20	278	32937	0.274	ng	99
39) Benzo(g,h,i)perylene	25.81	276	34531	0.289	ng	100

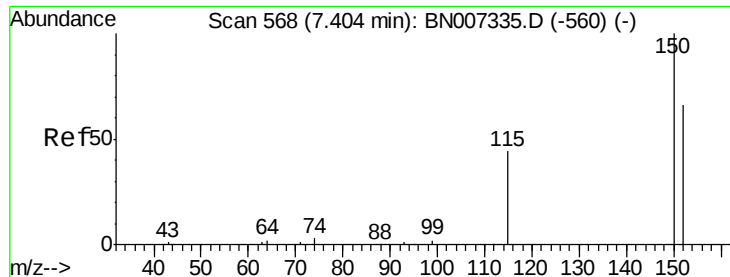
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN007513.D
Acq On : 29 Aug 2019 21:42
Operator : HP/JU
Sample : PB122289BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122289BSD

Quant Time: Aug 30 02:01:04 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



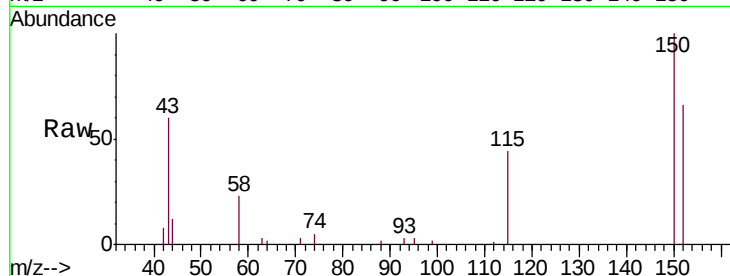


#1

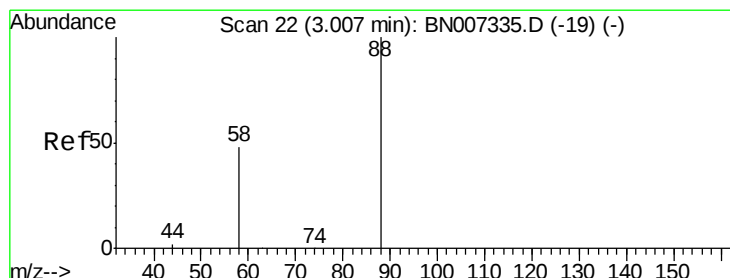
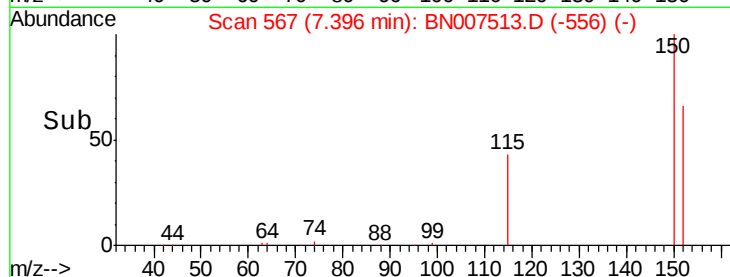
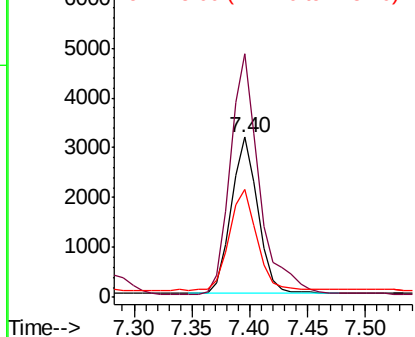
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007513.D
Acq: 29 Aug 2019 21:42

Instrument :
BNA_N
ClientSampleId :
PB122289BSD

Tgt Ion:152 Resp: 5018
Ion Ratio Lower Upper
152 100
150 152.0 109.1 163.7
115 67.6 59.6 89.4



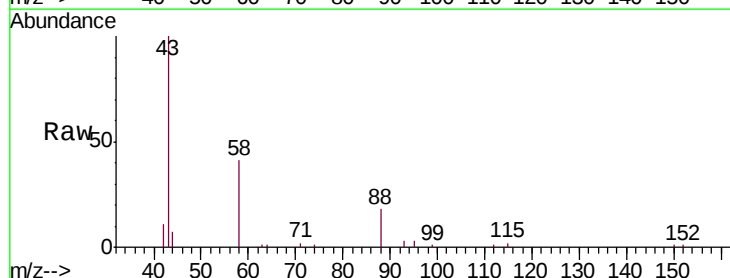
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



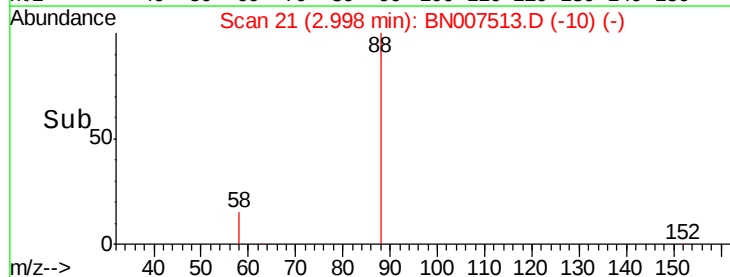
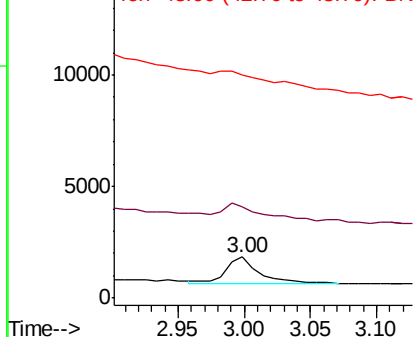
#2

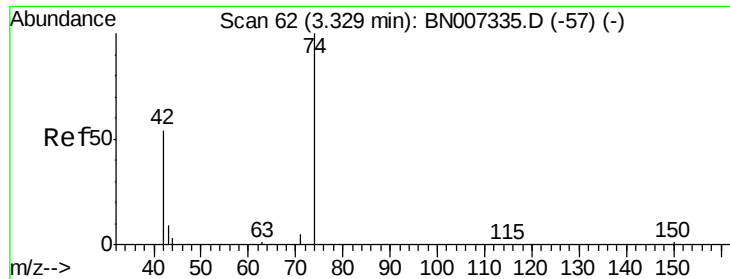
1,4-Dioxane
Concen: 0.241 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007513.D
Acq: 29 Aug 2019 21:42

Tgt Ion: 88 Resp: 2012
Ion Ratio Lower Upper
88 100
58 68.9 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: 0.239 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.01 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB122289BSD

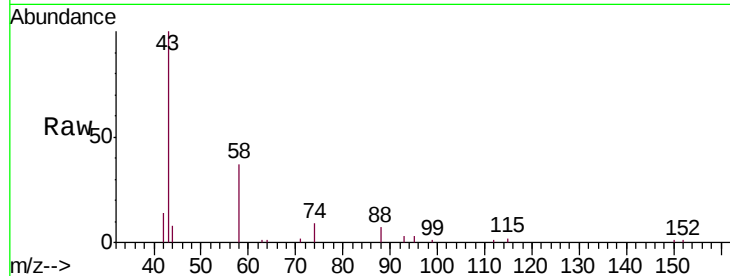
Tgt Ion: 42 Resp: 926

Ion Ratio Lower Upper

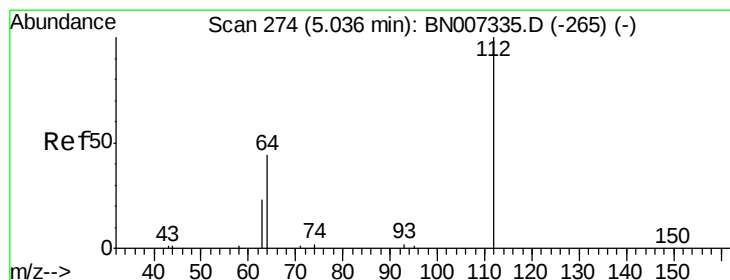
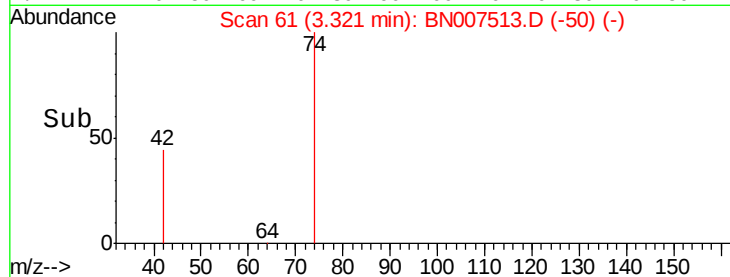
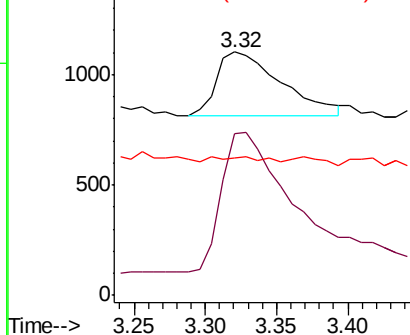
42 100

74 228.6 144.7 217.1#

44 6.9 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: 0.340 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

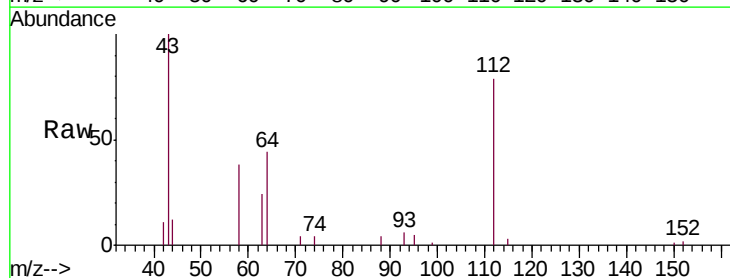
Tgt Ion: 112 Resp: 5997

Ion Ratio Lower Upper

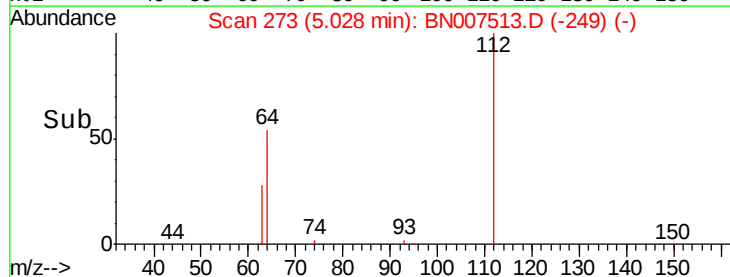
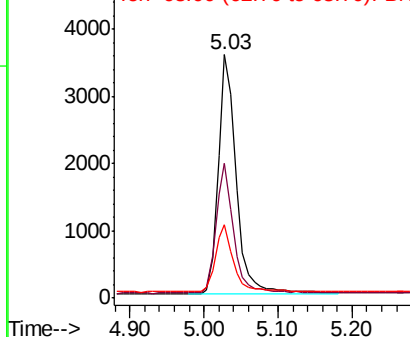
112 100

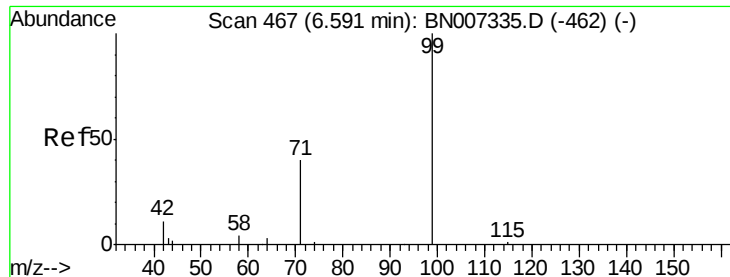
64 52.6 42.3 63.5

63 27.7 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: 0.374 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB122289BSD

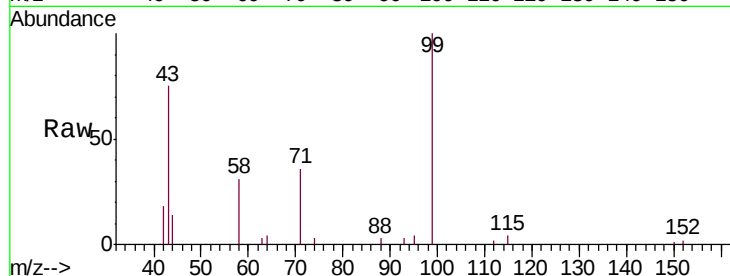
Tgt Ion: 99 Resp: 8321

Ion Ratio Lower Upper

99 100

42 10.8 11.2 16.8#

71 33.8 31.8 47.8

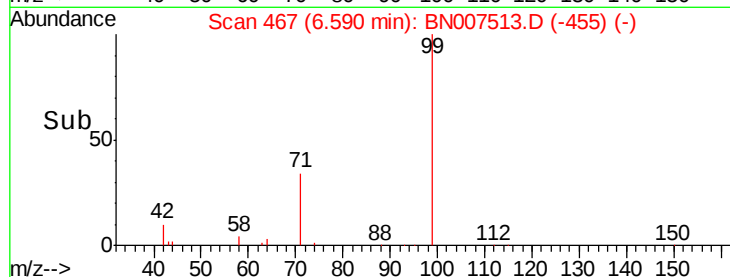


Abundance Ion 99.00 (98.70 to 99.70): BN007513.D (-462) (-)

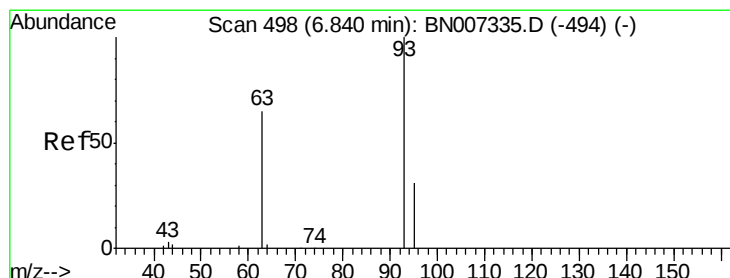
Ion 42.00 (41.70 to 42.70): BN007513.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007513.D (-462) (-)

Time-->



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.316 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

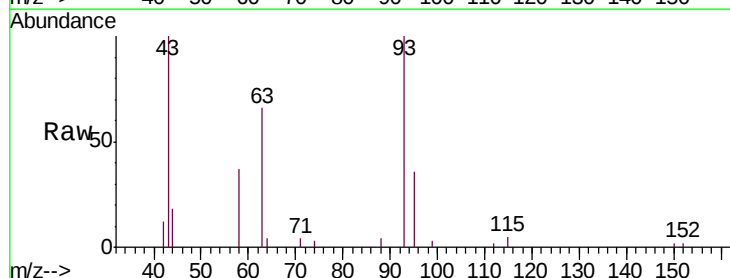
Tgt Ion: 93 Resp: 5733

Ion Ratio Lower Upper

93 100

63 62.6 51.9 77.9

95 32.5 27.7 41.5

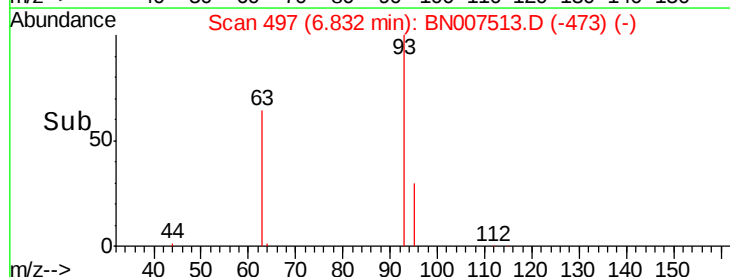


Abundance Ion 93.00 (92.70 to 93.70): BN007513.D (-494) (-)

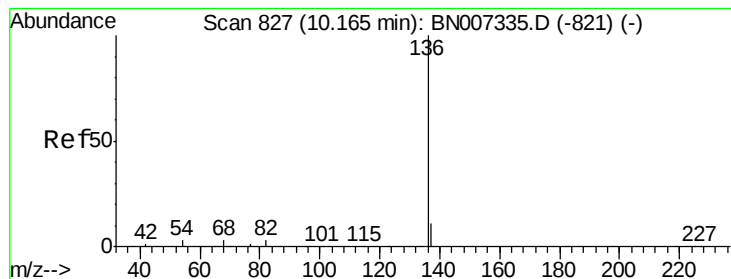
Ion 63.00 (62.70 to 63.70): BN007513.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007513.D (-494) (-)

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB122289BSD

Tgt Ion:136 Resp: 22192

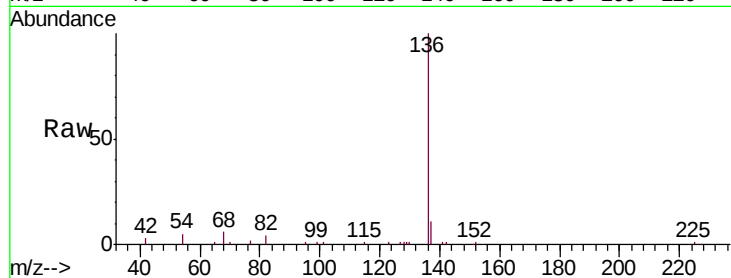
Ion Ratio Lower Upper

136 100

137 11.3 12.9 19.3#

54 4.5 8.6 12.8#

68 5.9 17.0 25.4#

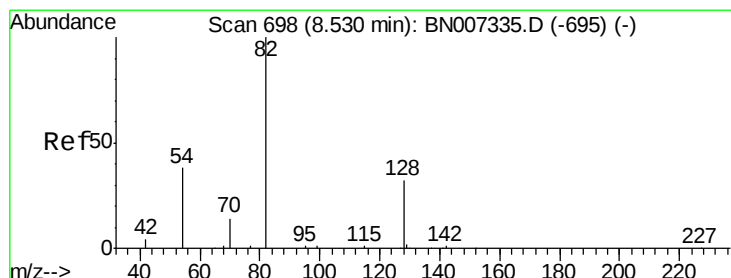
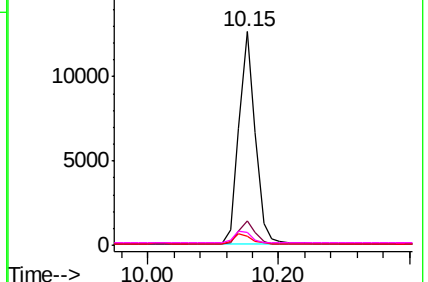
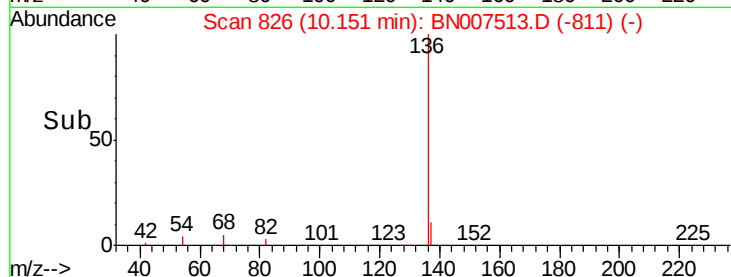


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.320 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

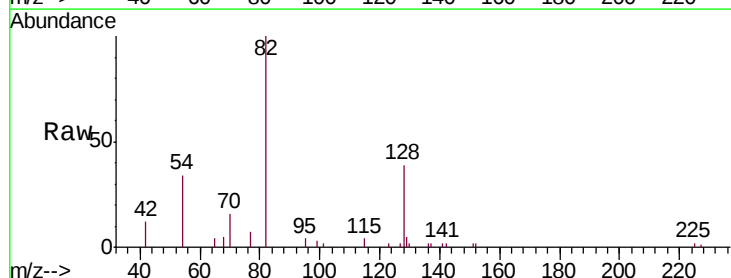
Tgt Ion: 82 Resp: 6178

Ion Ratio Lower Upper

82 100

128 39.3 19.7 29.5#

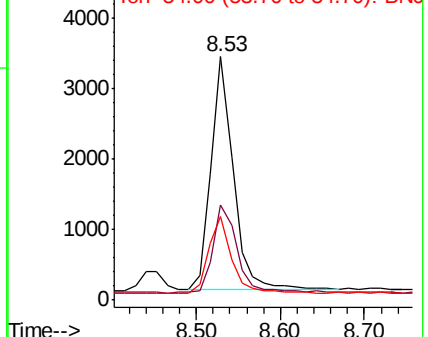
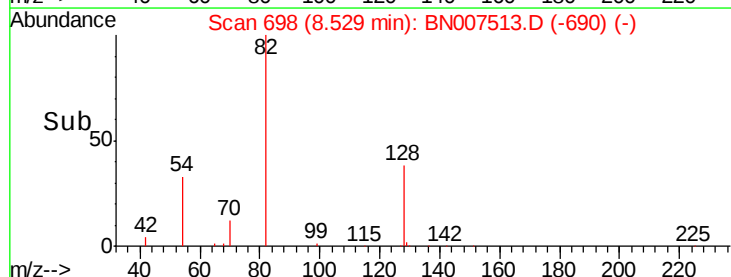
54 34.2 25.8 38.6

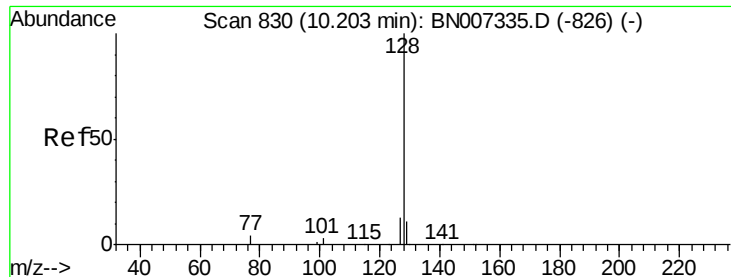


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.325 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB122289BSD

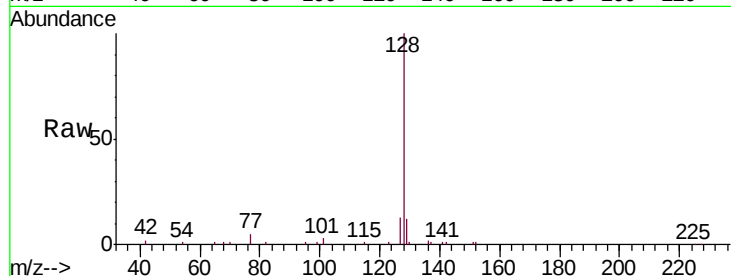
Tgt Ion:128 Resp: 20625

Ion Ratio Lower Upper

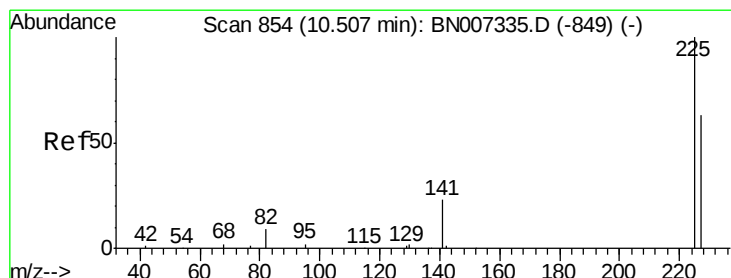
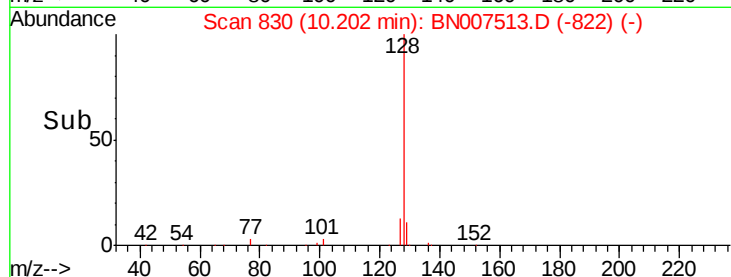
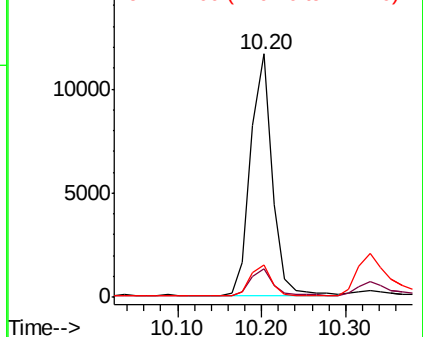
128 100

129 11.8 11.1 16.7

127 13.2 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: 0.269 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

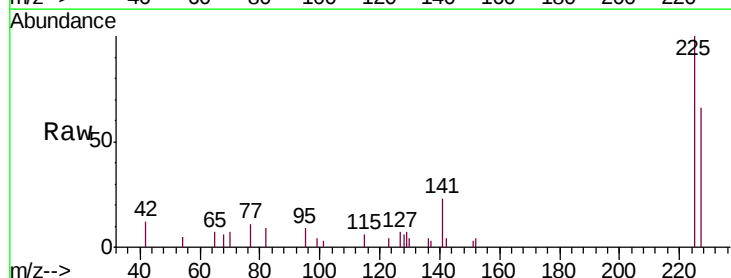
Tgt Ion:225 Resp: 3489

Ion Ratio Lower Upper

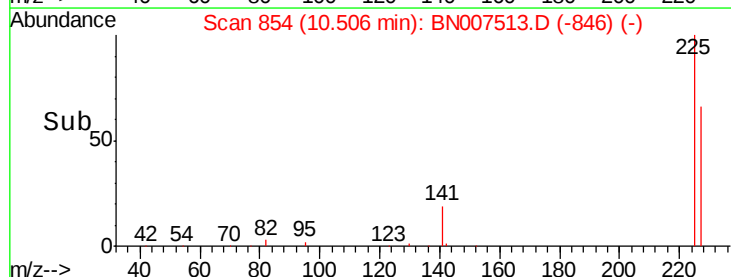
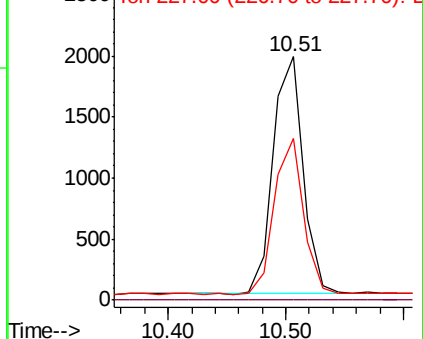
225 100

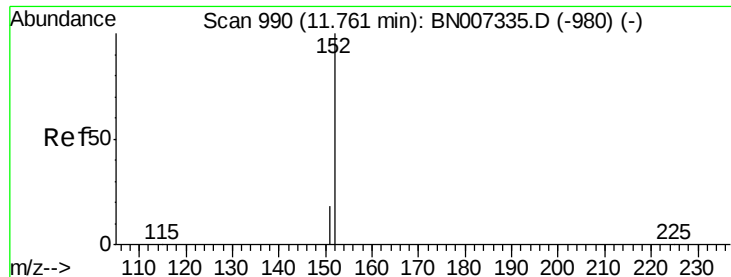
223 0.0 0.0 0.0

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

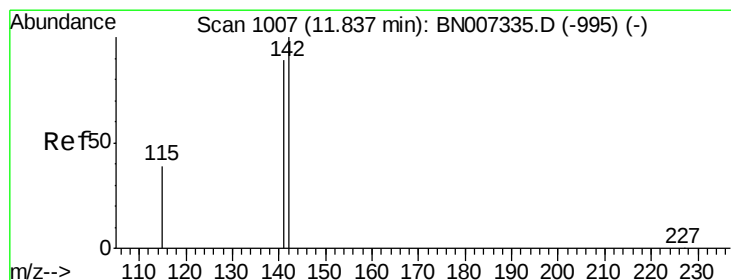
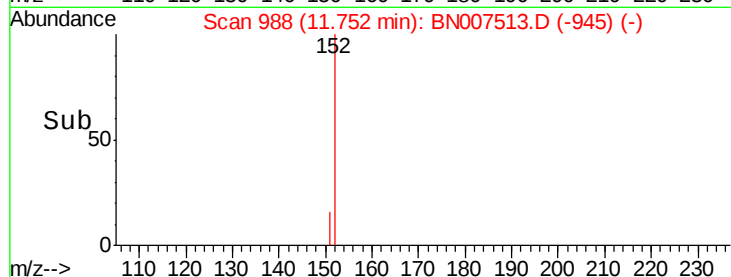
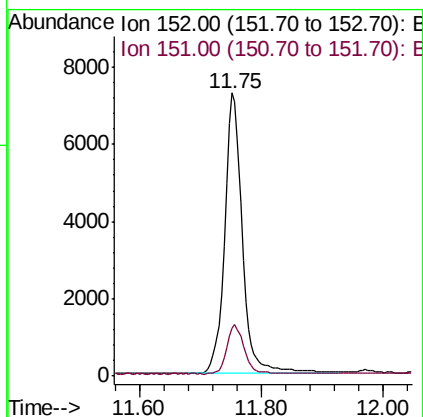
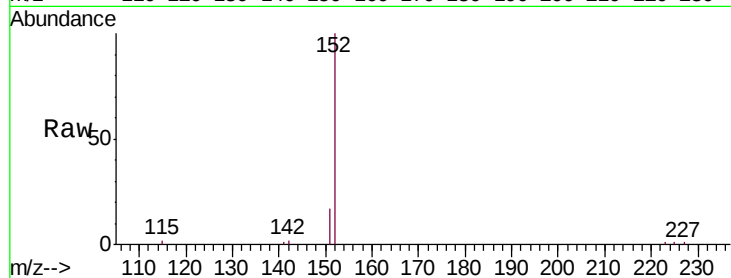




#11
 2-Methylnaphthalene-d10
 Concen: 0.398 ng
 RT: 11.75 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BN007513.D
 Acq: 29 Aug 2019 21:42

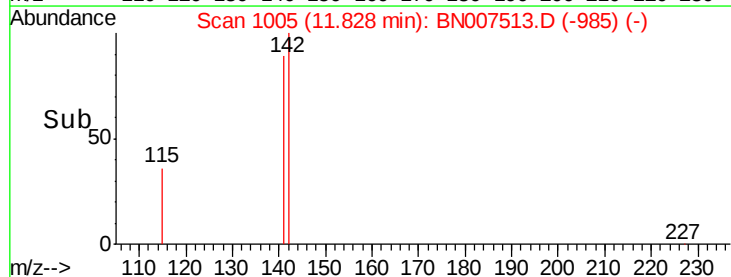
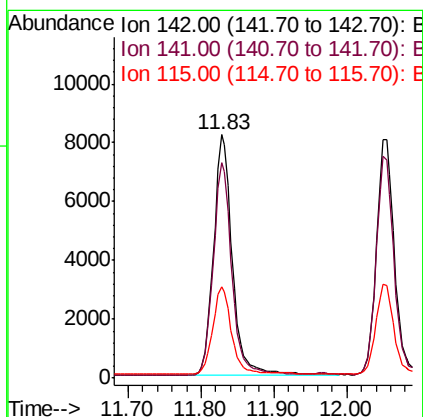
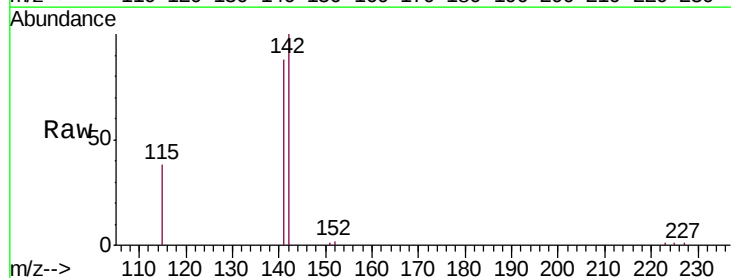
Instrument :
 BNA_N
 ClientSampleId :
 PB122289BSD

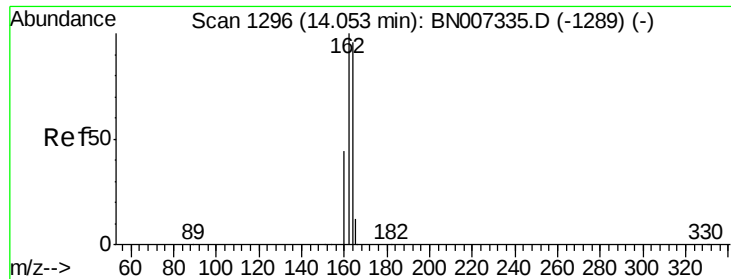
Tgt Ion:152 Resp: 14675
 Ion Ratio Lower Upper
 152 100
 151 17.0 16.2 24.2



#12
 2-Methylnaphthalene
 Concen: 0.337 ng
 RT: 11.83 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BN007513.D
 Acq: 29 Aug 2019 21:42

Tgt Ion:142 Resp: 14577
 Ion Ratio Lower Upper
 142 100
 141 88.4 72.8 109.2
 115 37.6 35.2 52.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB122289BSD

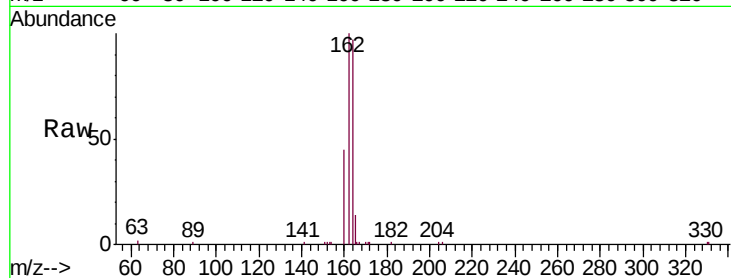
Tgt Ion:164 Resp: 14059

Ion Ratio Lower Upper

164 100

162 103.0 83.5 125.3

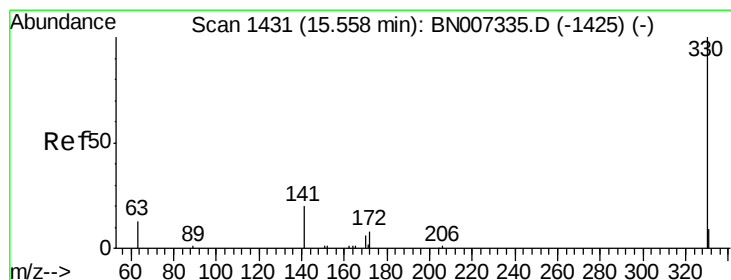
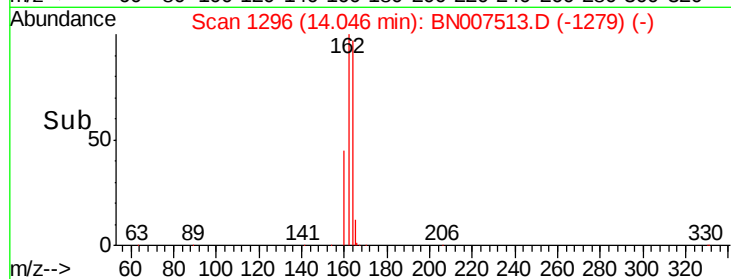
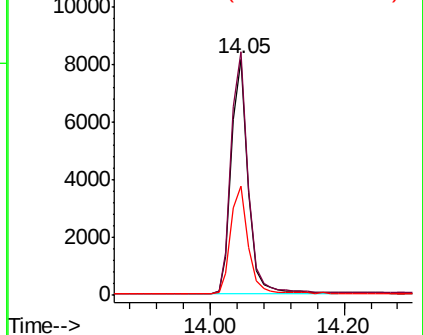
160 46.3 38.2 57.4



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: 0.340 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

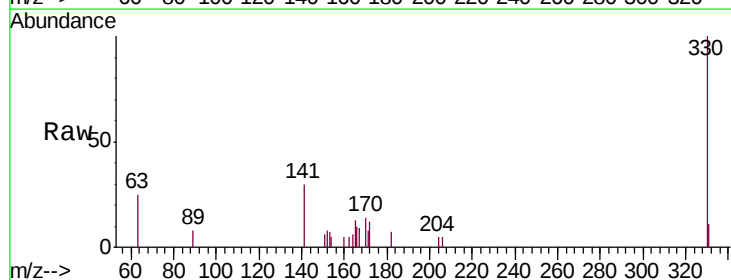
Tgt Ion:330 Resp: 2497

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

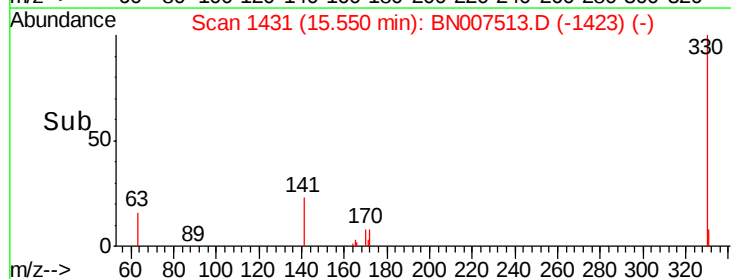
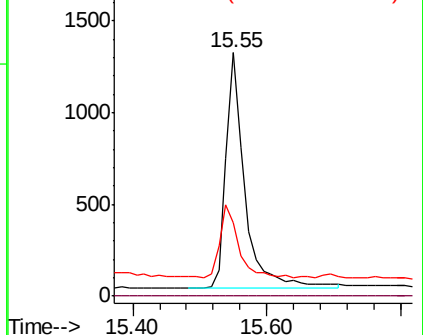
141 30.0 26.9 40.3

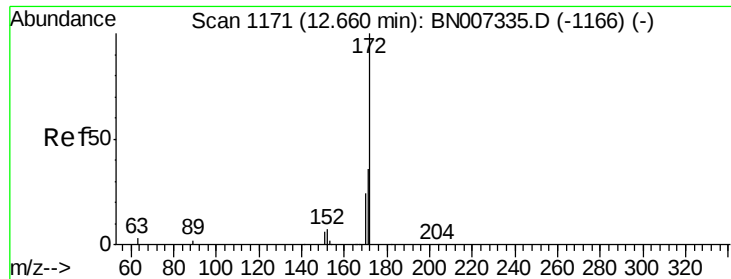


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

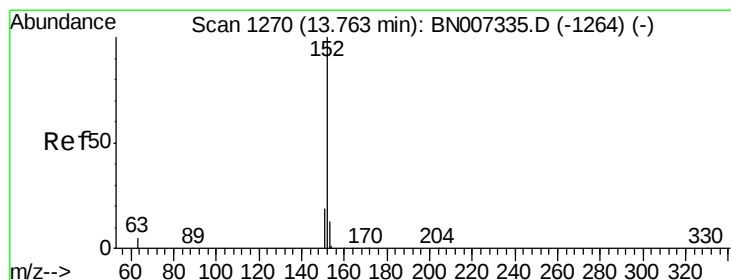
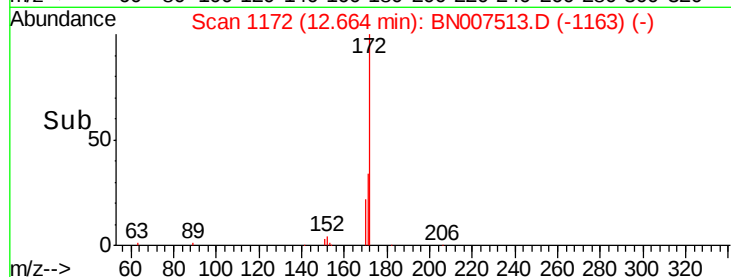
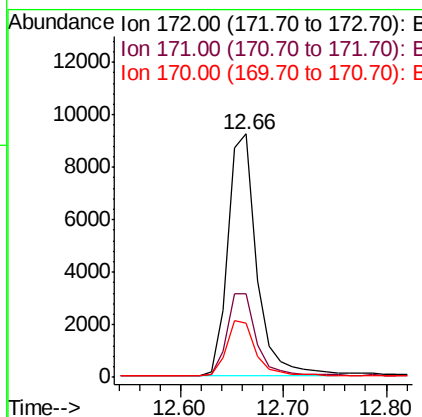
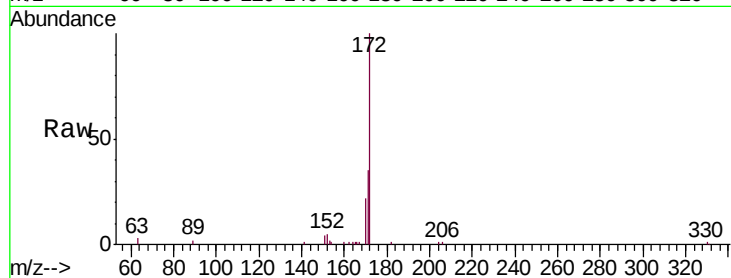




#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007513.D
Acq: 29 Aug 2019 21:42

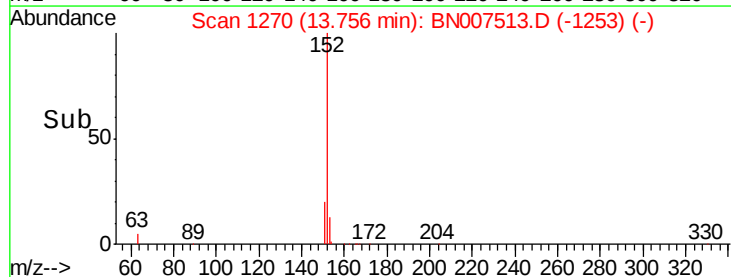
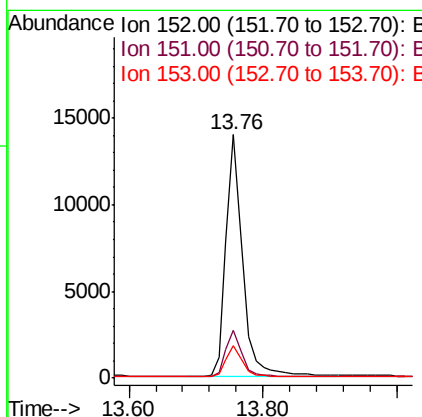
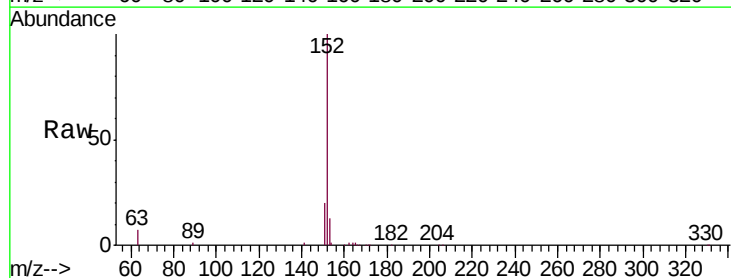
Instrument :
BNA_N
ClientSampleId :
PB122289BSD

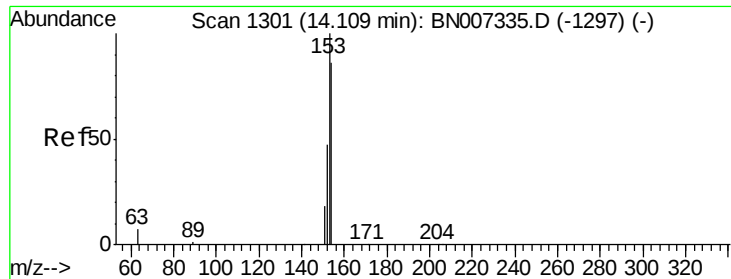
Tgt Ion:172 Resp: 18015
Ion Ratio Lower Upper
172 100
171 34.5 30.3 45.5
170 22.4 20.7 31.1



#16
Acenaphthylene
Concen: 0.293 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007513.D
Acq: 29 Aug 2019 21:42

Tgt Ion:152 Resp: 24346
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 12.9 10.6 15.8

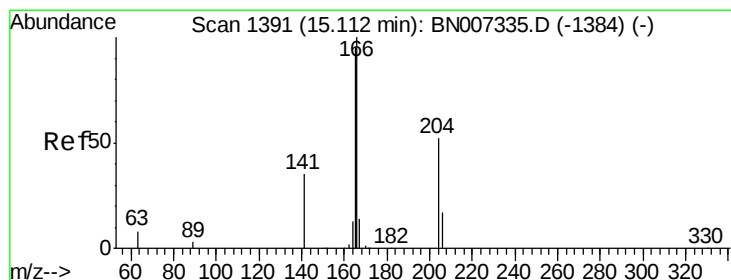
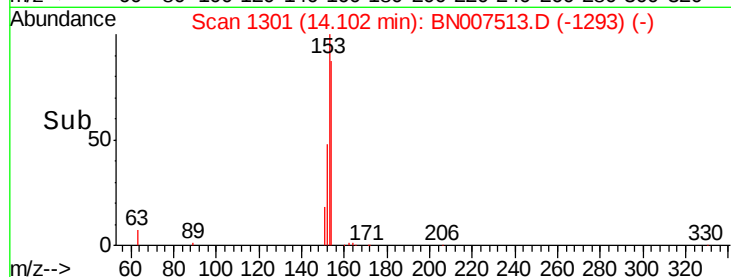
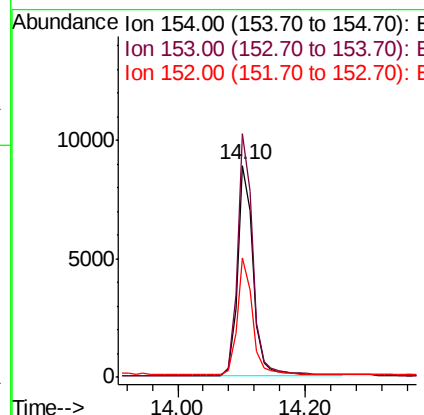
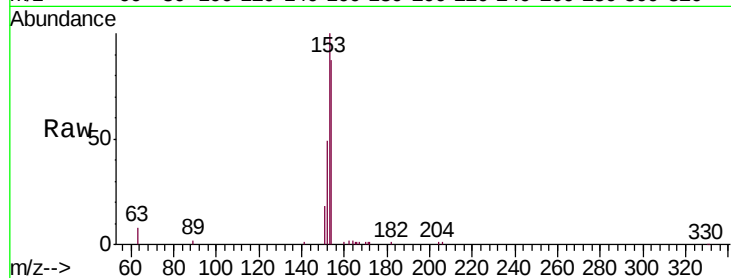




#17
Acenaphthene
Concen: 0.311 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007513.D
Acq: 29 Aug 2019 21:42

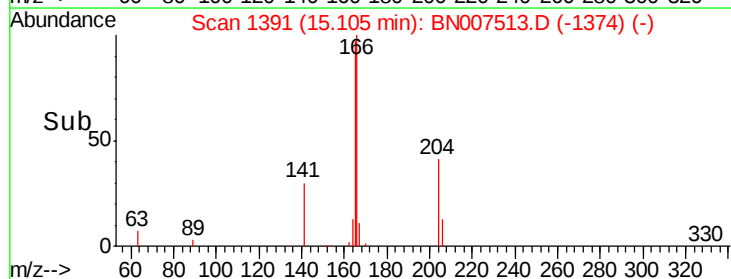
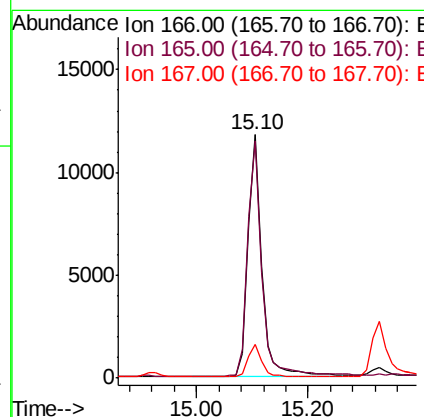
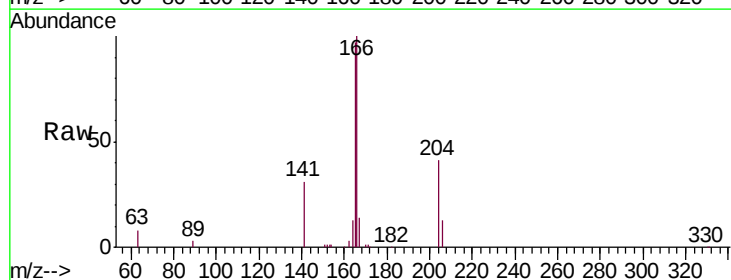
Instrument :
BNA_N
ClientSampleId :
PB122289BSD

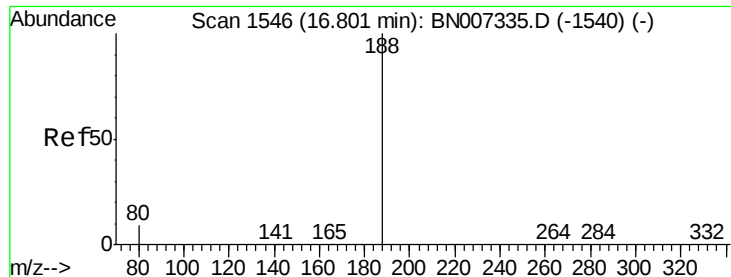
Tgt Ion:154 Resp: 15142
Ion Ratio Lower Upper
154 100
153 113.5 92.8 139.2
152 54.1 43.8 65.8



#18
Fluorene
Concen: 0.328 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007513.D
Acq: 29 Aug 2019 21:42

Tgt Ion:166 Resp: 20174
Ion Ratio Lower Upper
166 100
165 98.1 79.0 118.4
167 13.4 10.6 15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB122289BSD

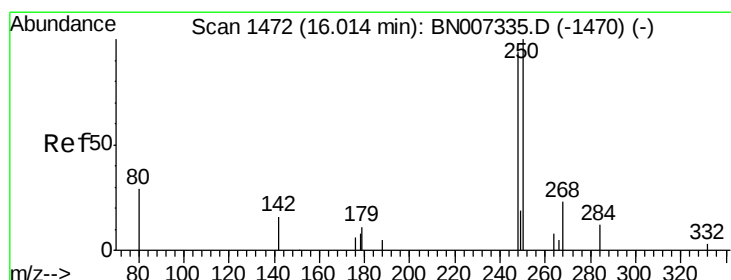
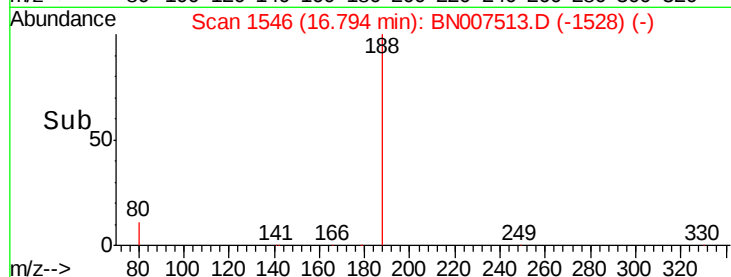
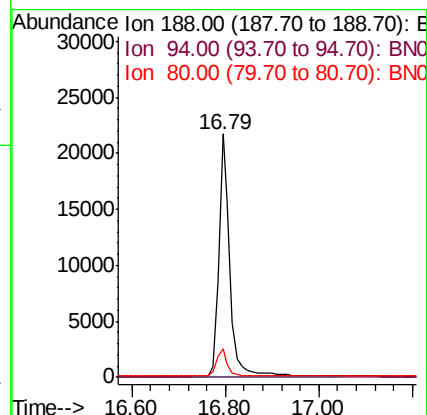
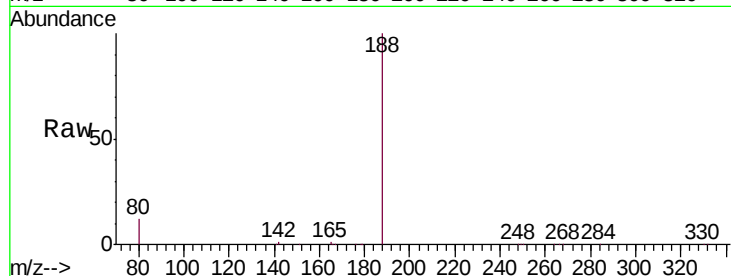
Tgt Ion:188 Resp: 37209

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.5 11.8 17.8#



#20

4-Bromophenyl-phenylether

Concen: 0.252 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

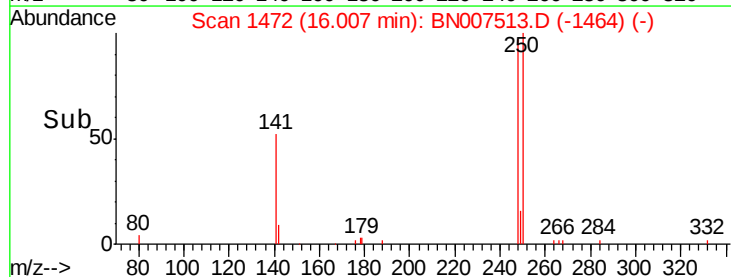
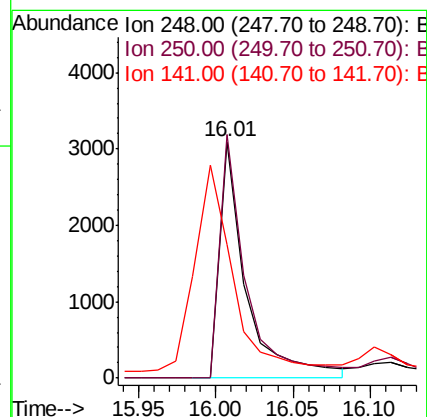
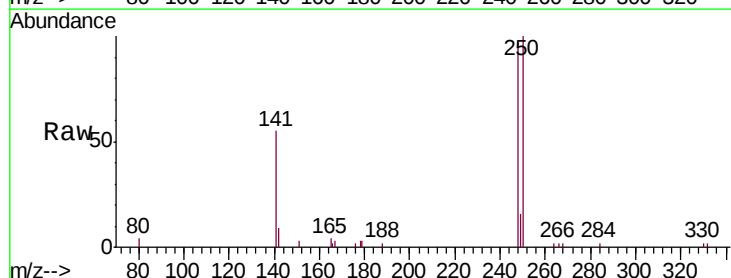
Tgt Ion:248 Resp: 3704

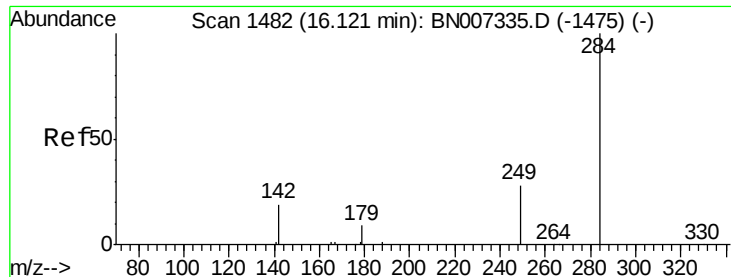
Ion Ratio Lower Upper

248 100

250 103.1 85.0 127.6

141 56.7 51.7 77.5

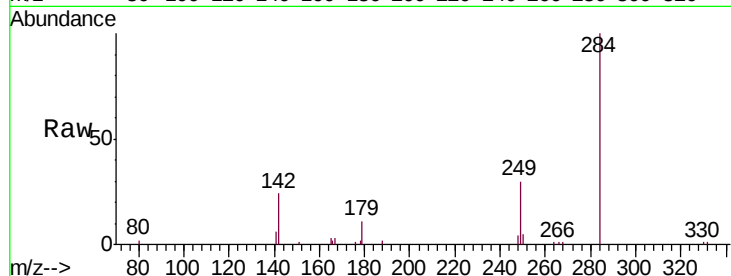




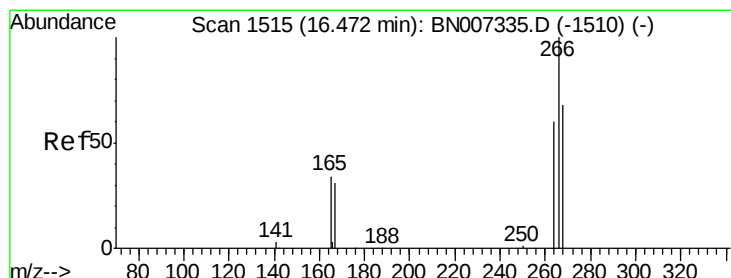
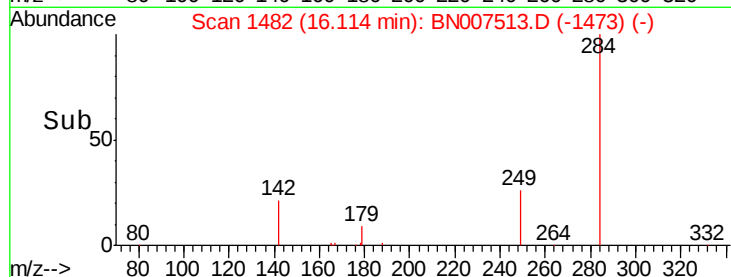
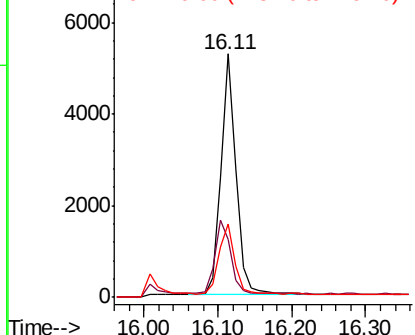
#21
Hexachlorobenzene
Concen: 0.307 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007513.D
Acq: 29 Aug 2019 21:42

Instrument :
BNA_N
ClientSampleId :
PB122289BSD

Tgt Ion:284 Resp: 7669
Ion Ratio Lower Upper
284 100
142 32.1 29.0 43.6
249 29.7 24.9 37.3

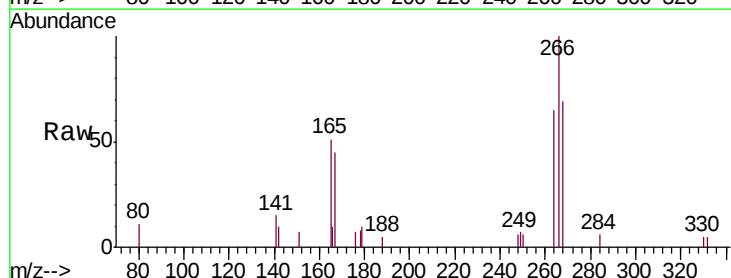


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

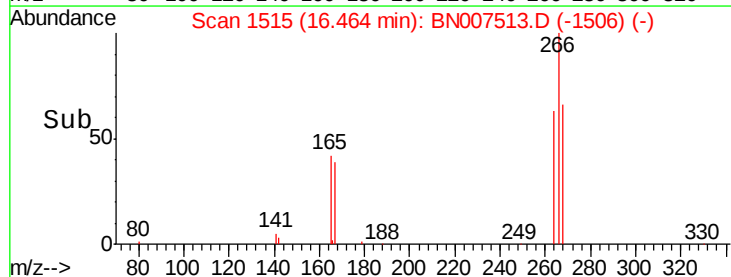
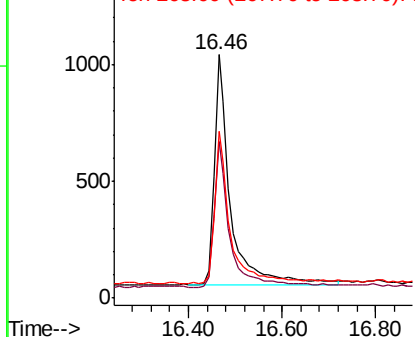


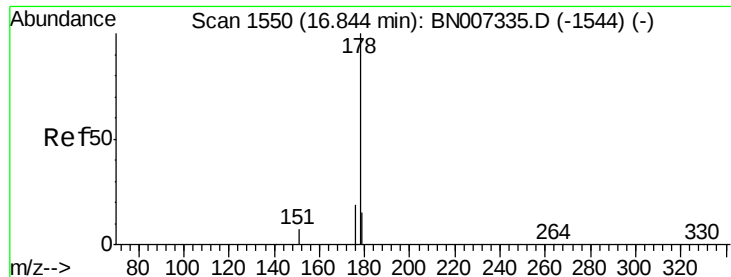
#22
Pentachlorophenol
Concen: 0.317 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007513.D
Acq: 29 Aug 2019 21:42

Tgt Ion:266 Resp: 2459
Ion Ratio Lower Upper
266 100
264 64.6 57.8 86.8
268 68.6 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: 0.315 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB122289BSD

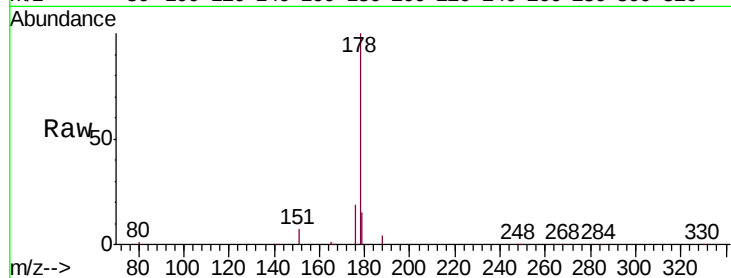
Tgt Ion:178 Resp: 35216

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

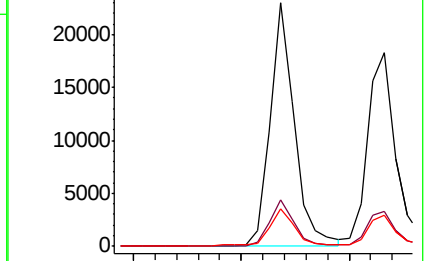
179 15.4 12.6 19.0



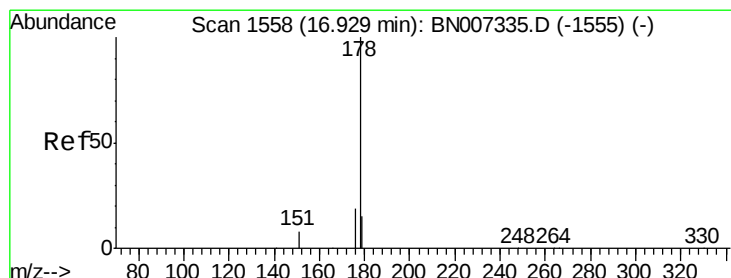
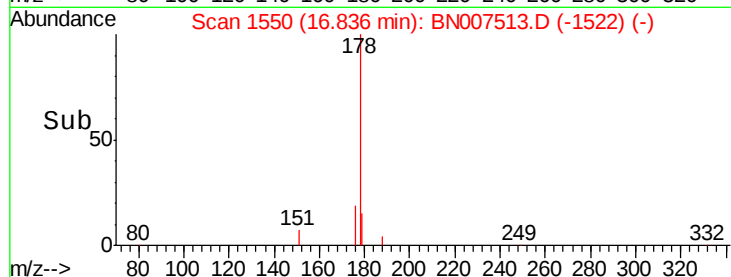
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 16.70 16.80 16.90



#24

Anthracene

Concen: 0.294 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

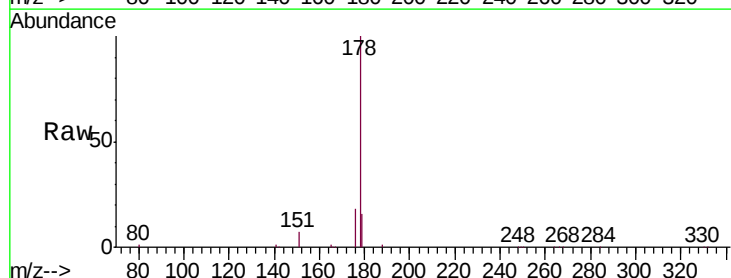
Tgt Ion:178 Resp: 33136

Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

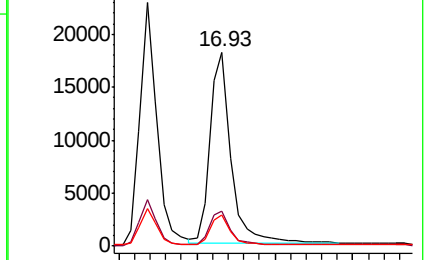
179 15.4 12.4 18.6



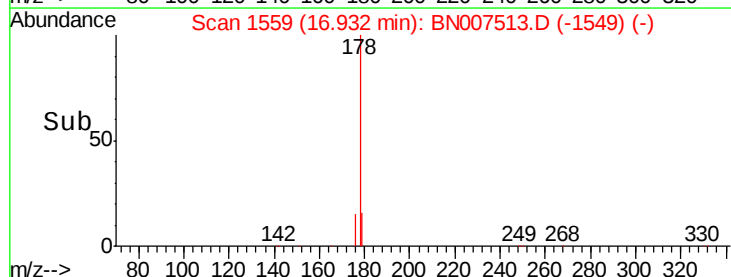
Abundance Ion 178.00 (177.70 to 178.70): E

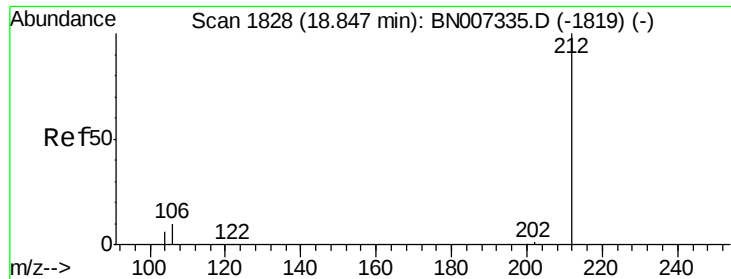
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 16.80 16.90 17.00 17.10





#25

Fluoranthene-d10

Concen: 0.351 ng

RT: 18.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB122289BSD

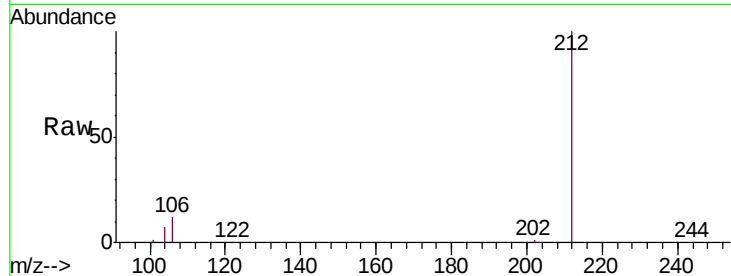
Tgt Ion:212 Resp: 42004

Ion Ratio Lower Upper

212 100

106 12.6 9.0 13.4

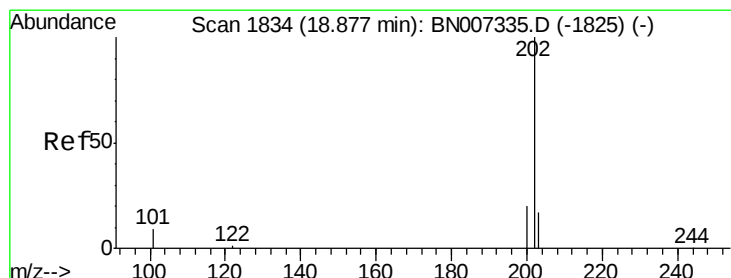
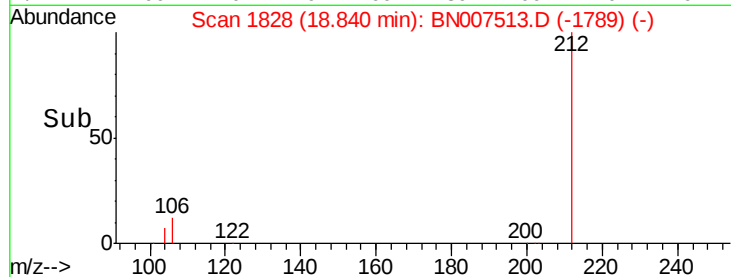
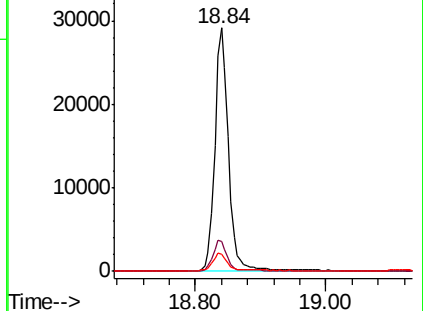
104 7.1 5.4 8.2



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: 0.332 ng

RT: 18.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

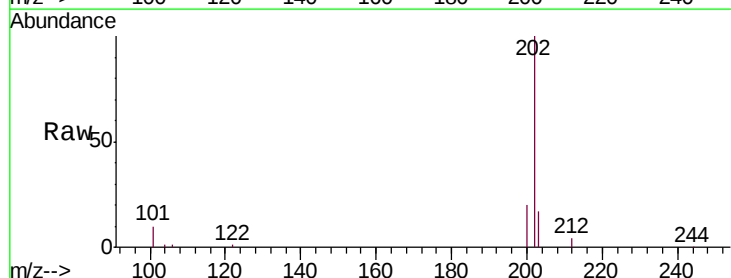
Tgt Ion:202 Resp: 47703

Ion Ratio Lower Upper

202 100

101 10.8 7.7 11.5

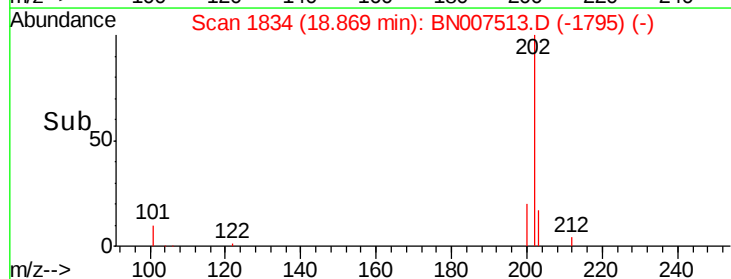
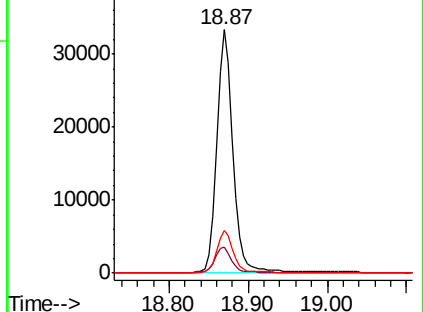
203 17.1 13.7 20.5

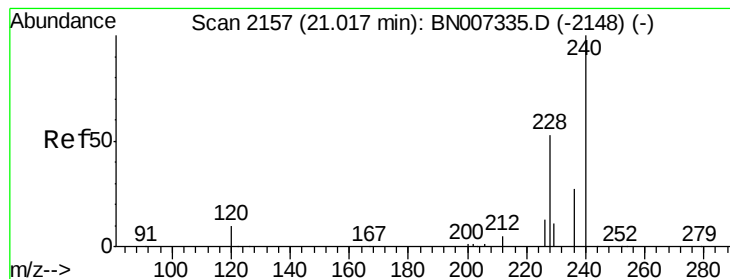


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN007513.D

Acq: 29 Aug 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB122289BSD

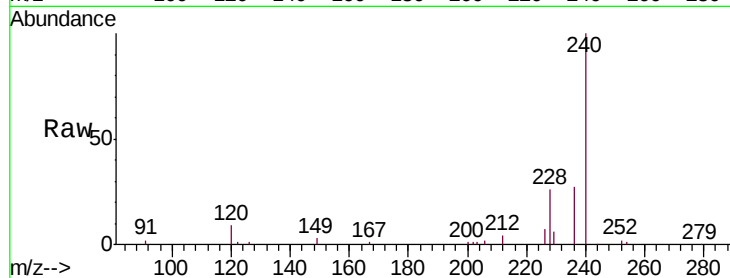
Tgt Ion:240 Resp: 39014

Ion Ratio Lower Upper

240 100

120 9.1 9.6 14.4#

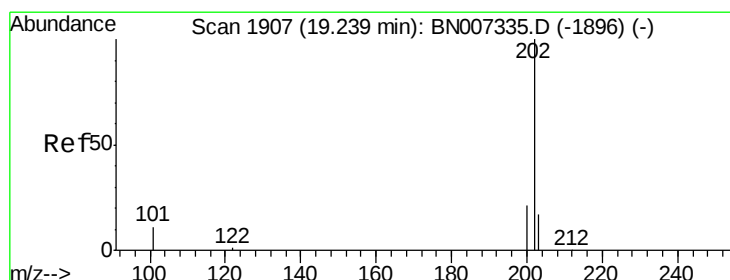
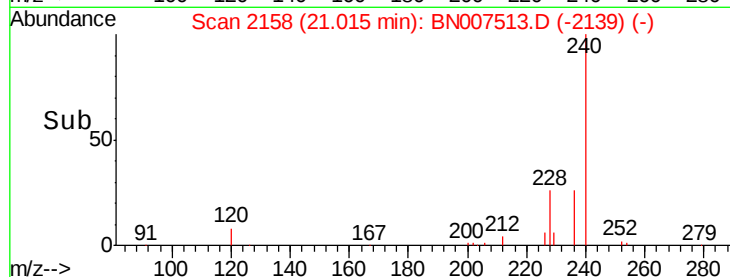
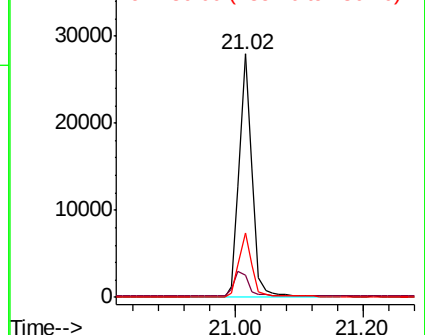
236 26.6 22.2 33.2



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: 0.310 ng

RT: 19.24 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

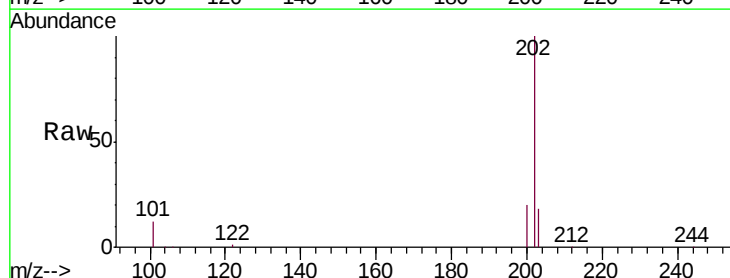
Tgt Ion:202 Resp: 48679

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

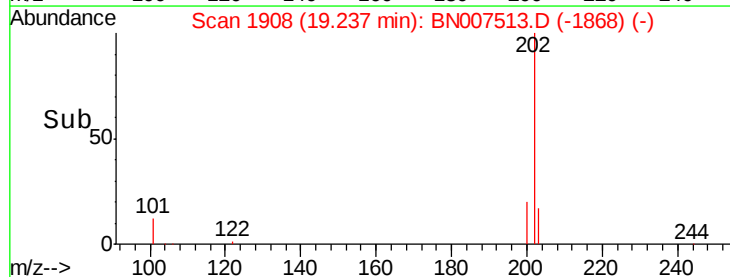
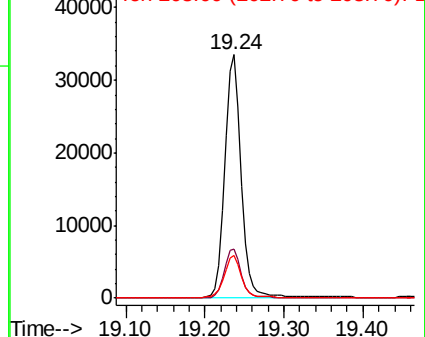
203 18.1 14.2 21.4

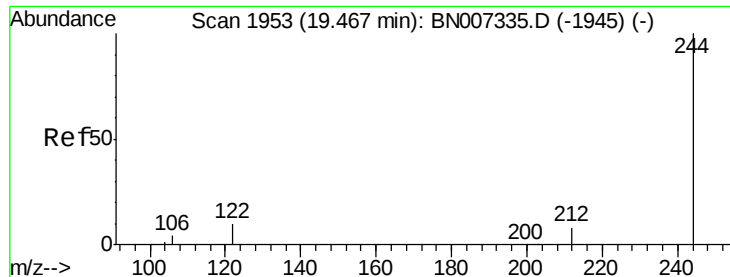


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.316 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB122289BSD

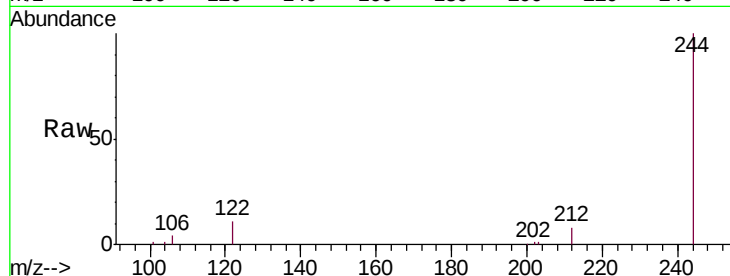
Tgt Ion:244 Resp: 32237

Ion Ratio Lower Upper

244 100

212 7.8 7.0 10.6

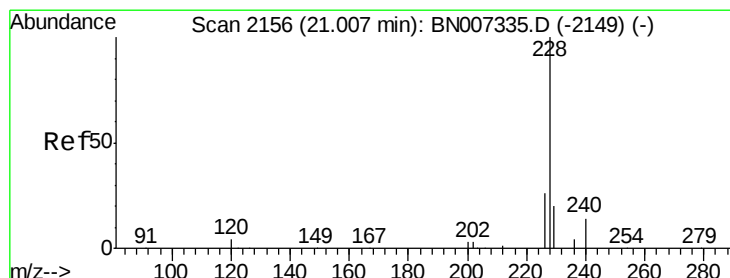
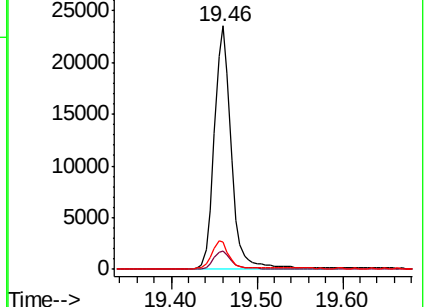
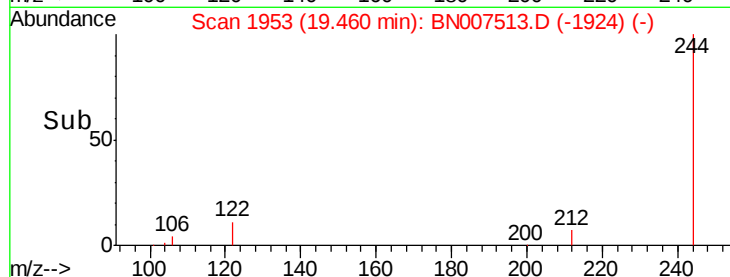
122 11.2 9.6 14.4



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: 0.296 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

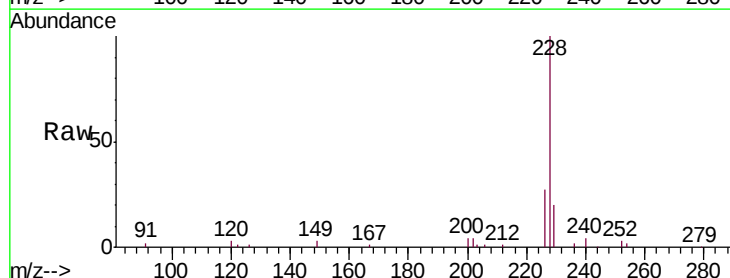
Tgt Ion:228 Resp: 45424

Ion Ratio Lower Upper

228 100

226 27.1 21.3 31.9

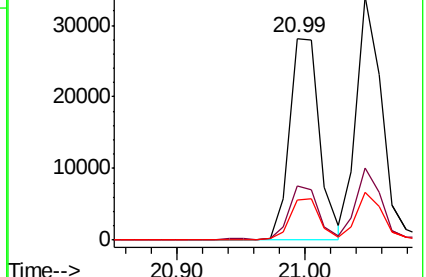
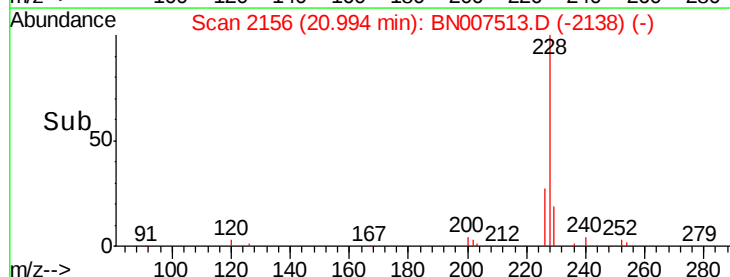
229 19.6 16.1 24.1

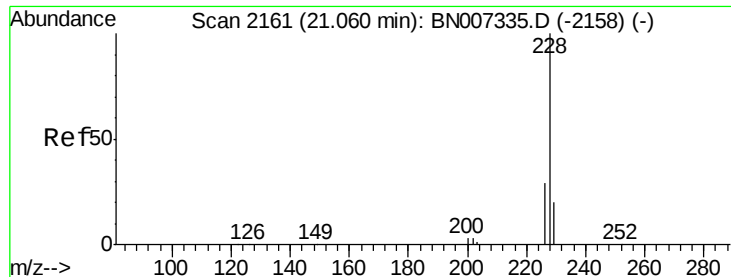


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.314 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB122289BSD

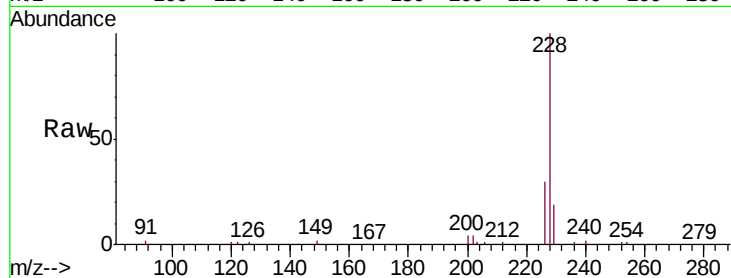
Tgt Ion:228 Resp: 46446

Ion Ratio Lower Upper

228 100

226 29.8 23.5 35.3

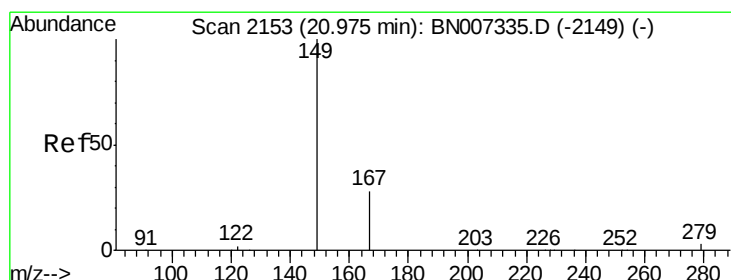
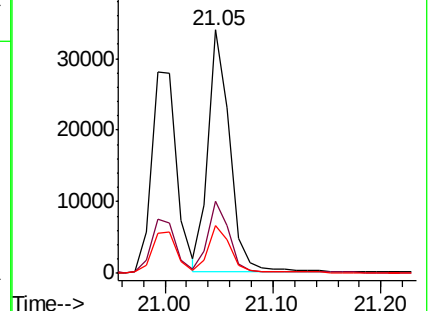
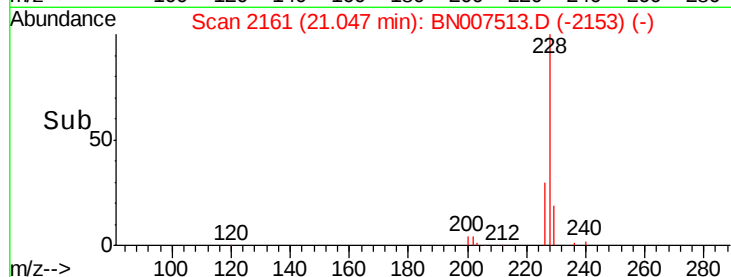
229 19.4 16.6 24.8



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: 0.243 ng

RT: 20.96 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

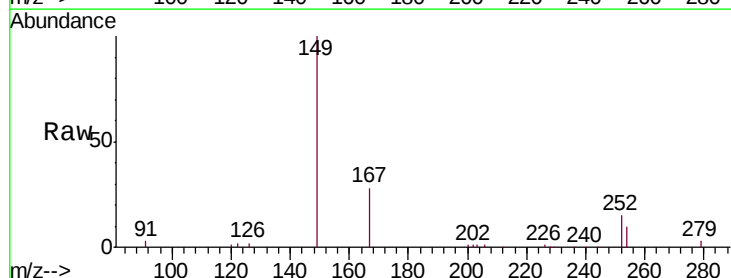
Tgt Ion:149 Resp: 25958

Ion Ratio Lower Upper

149 100

167 27.9 22.8 34.2

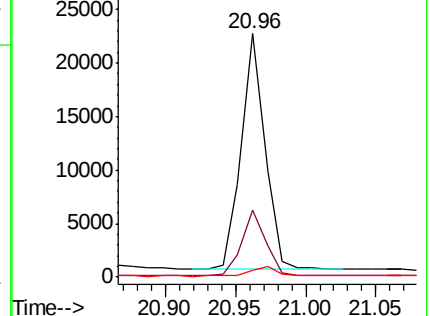
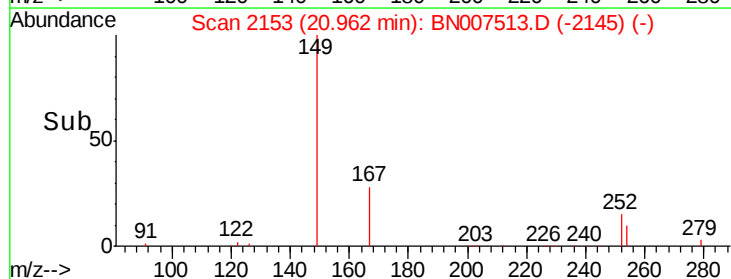
279 4.6 3.5 5.3

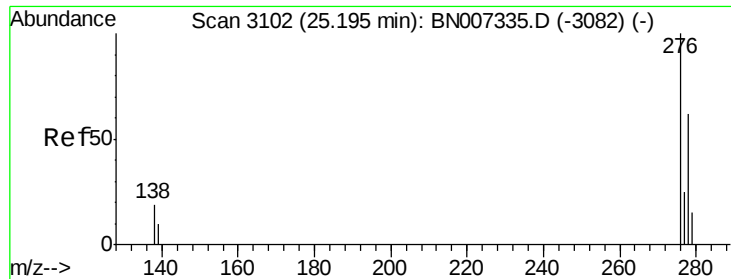


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.231 ng

RT: 25.19 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB122289BSD

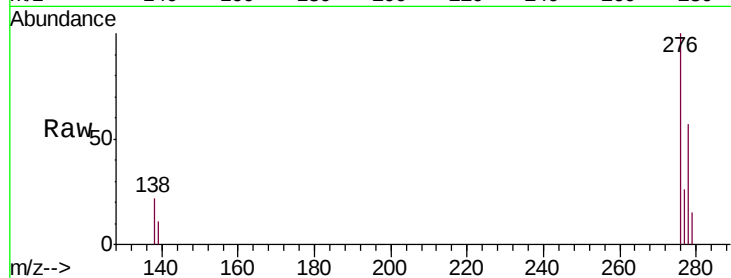
Tgt Ion:276 Resp: 41156

Ion Ratio Lower Upper

276 100

138 21.0 15.1 22.7

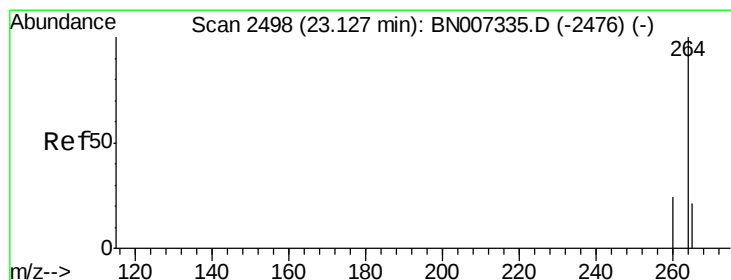
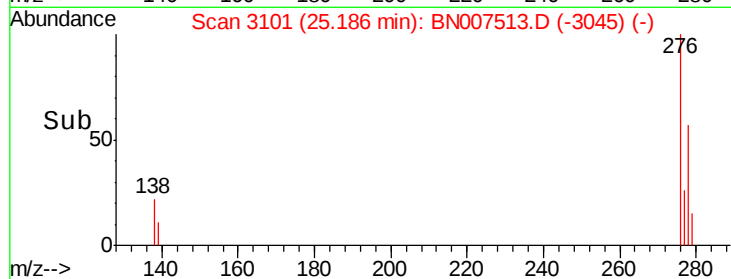
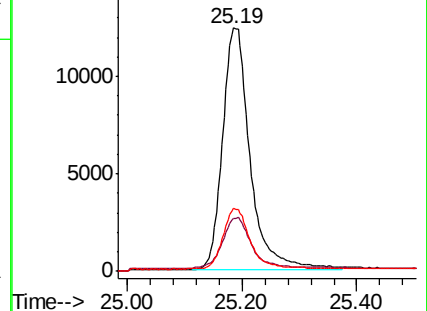
277 24.0 19.7 29.5



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: BN007513.D

Acq: 29 Aug 2019 21:42

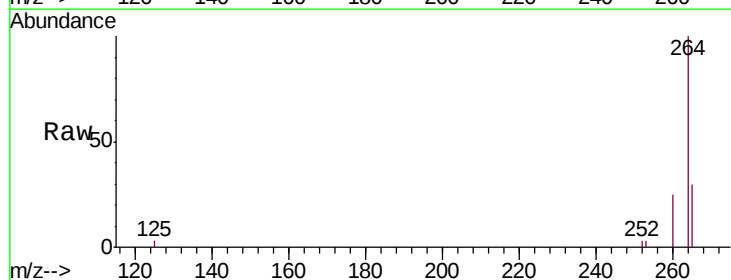
Tgt Ion:264 Resp: 34890

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

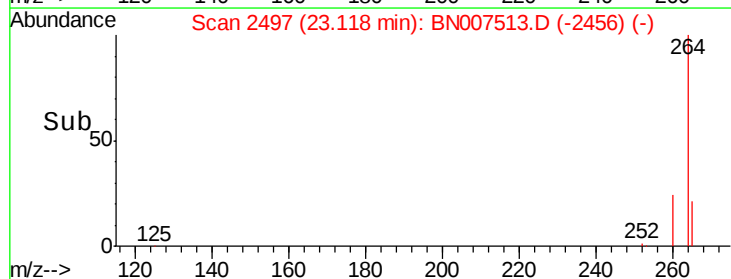
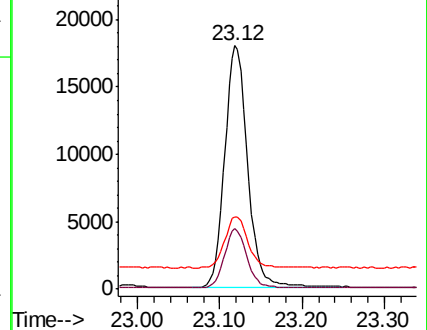
265 29.7 29.9 44.9#

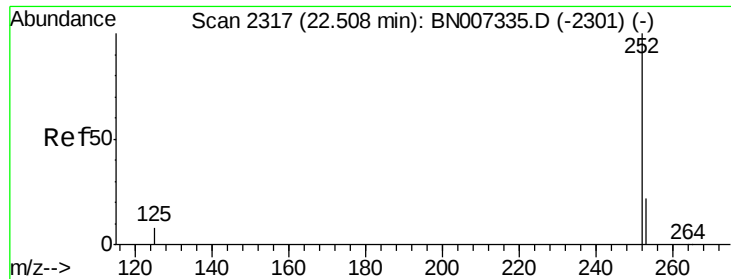


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

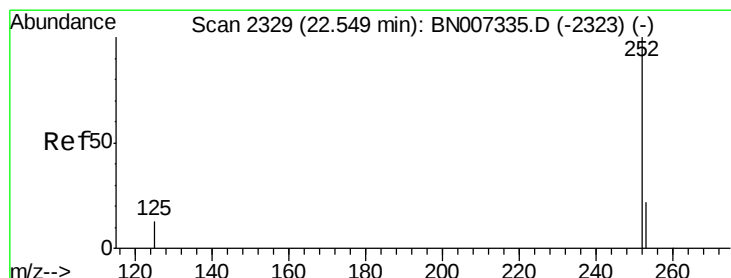
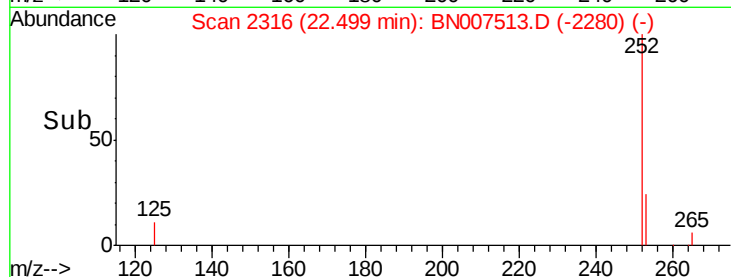
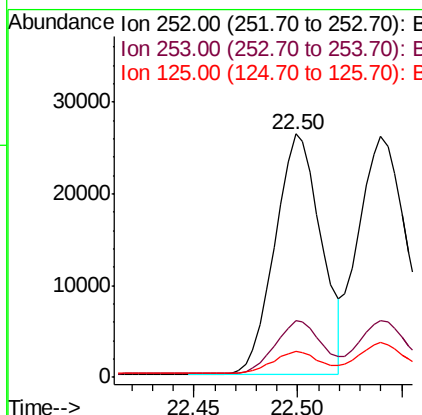
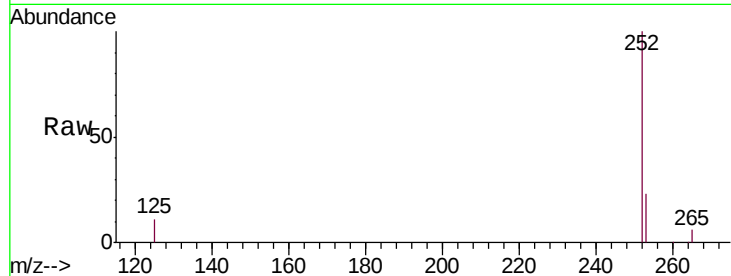




#35
Benzo(b)fluoranthene
Concen: 0.321 ng
RT: 22.50 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BN007513.D
Acq: 29 Aug 2019 21:42

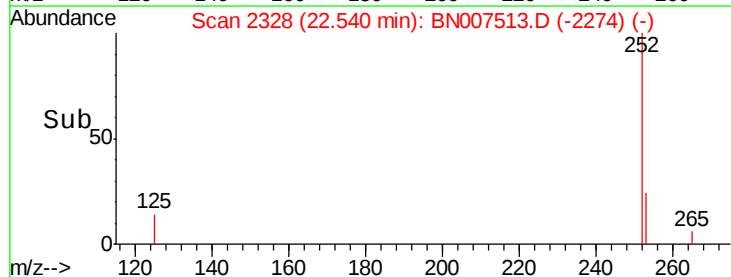
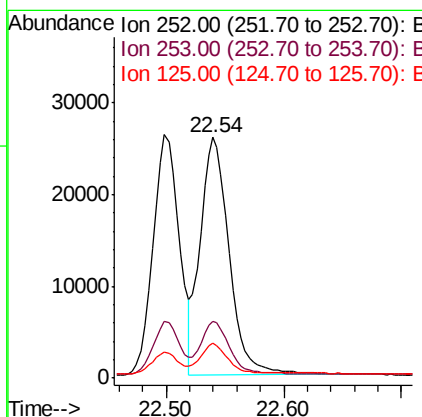
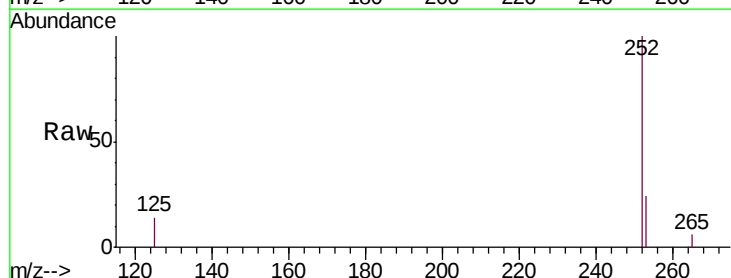
Instrument :
BNA_N
ClientSampleId :
PB122289BSD

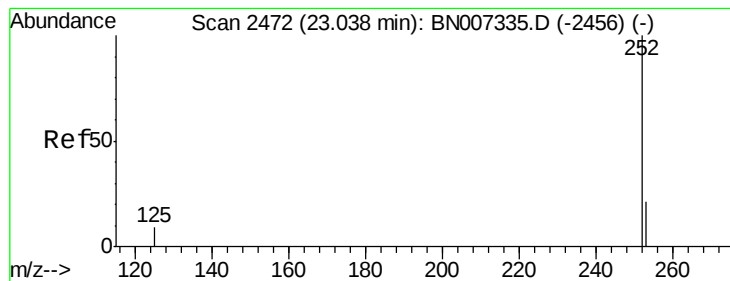
Tgt Ion:252 Resp: 40637
Ion Ratio Lower Upper
252 100
253 23.3 19.2 28.8
125 10.8 10.6 16.0



#36
Benzo(k)fluoranthene
Concen: 0.354 ng
RT: 22.54 min Scan# 2328
Delta R.T. -0.01 min
Lab File: BN007513.D
Acq: 29 Aug 2019 21:42

Tgt Ion:252 Resp: 44213
Ion Ratio Lower Upper
252 100
253 23.6 19.4 29.2
125 14.3 13.1 19.7





#37

Benzo(a)pyrene

Concen: 0.325 ng

RT: 23.03 min Scan# 2471

Delta R.T. -0.01 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB122289BSD

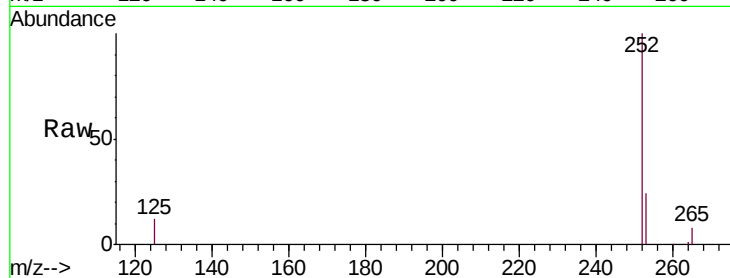
Tgt Ion:252 Resp: 39151

Ion Ratio Lower Upper

252 100

253 23.7 19.5 29.3

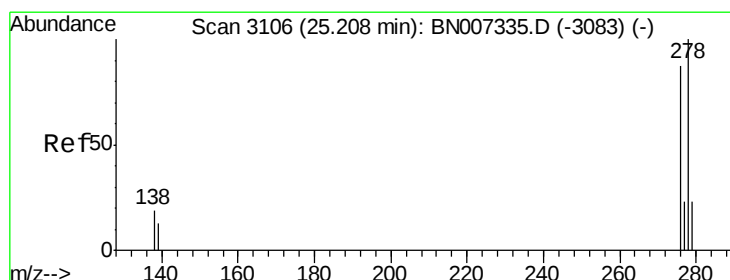
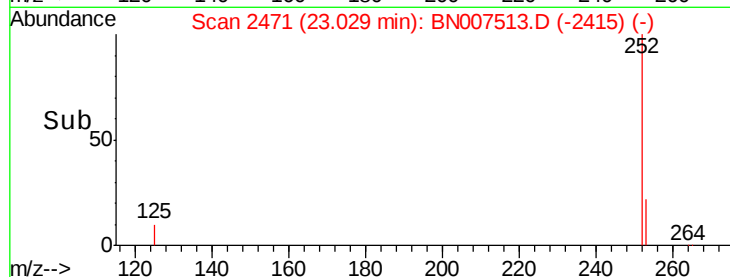
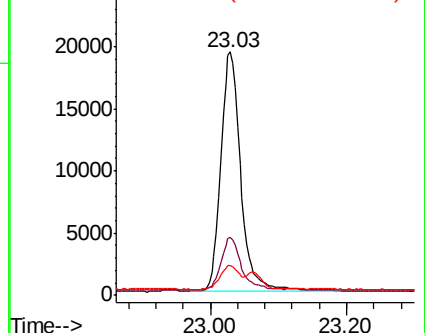
125 12.3 12.1 18.1



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: 0.274 ng

RT: 25.20 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BN007513.D

Acq: 29 Aug 2019 21:42

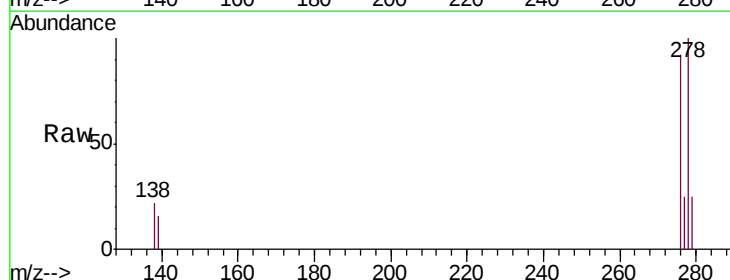
Tgt Ion:278 Resp: 32937

Ion Ratio Lower Upper

278 100

139 15.7 13.7 20.5

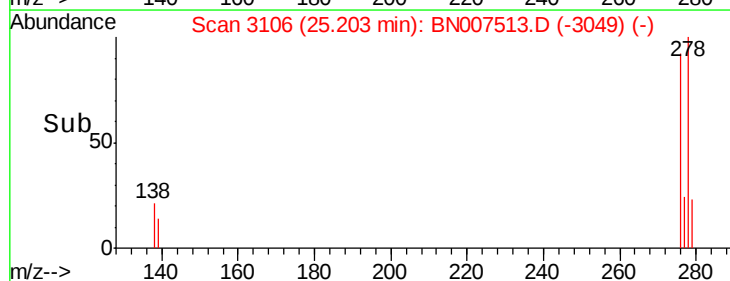
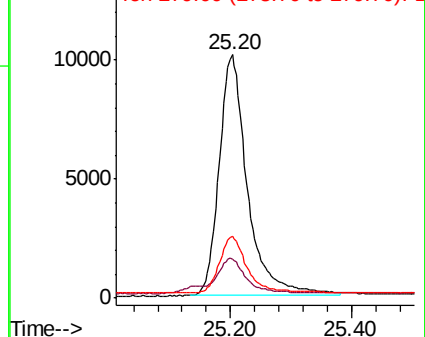
279 25.3 20.2 30.4

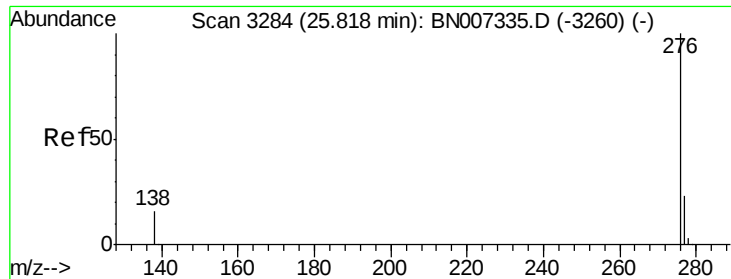


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.289 ng

RT: 25.81 min Scan# 3283

Delta R.T. -0.01 min

Lab File: BN007513.D

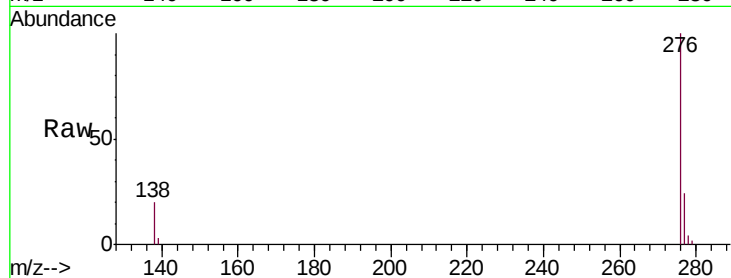
Acq: 29 Aug 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB122289BSD



Tgt Ion:276 Resp: 34531

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 20.4 16.3 24.5

