

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091019\
 Data File : BN007573.D
 Acq On : 10 Sep 2019 13:05
 Operator : HP/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

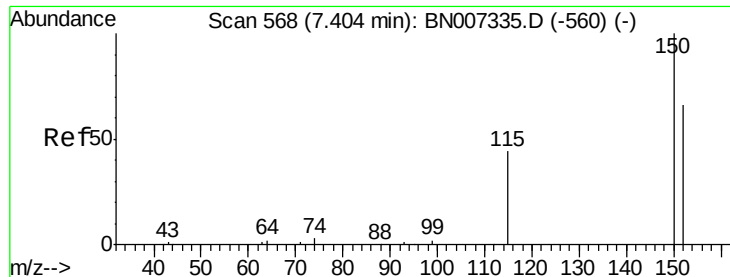
Quant Time: Sep 10 14:24:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 14:17:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	5935	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	24848	0.40	ng	0.00
13) Acenaphthene-d10	14.35	164	14477	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	36147	0.40	ng	0.00
27) Chrysene-d12	21.29	240	36769	0.40	ng	0.00
34) Perylene-d12	23.52	264	38458	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	4633	0.21	ng	0.00
5) Phenol-d6	6.90	99	7720	0.27	ng	0.00
8) Nitrobenzene-d5	8.86	82	2743	0.13	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	8291	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	1146	0.15	ng	0.00
15) 2-Fluorobiphenyl	12.98	172	11768	0.20	ng	0.00
25) Fluoranthene-d10	19.13	212	22392	0.19	ng	0.00
29) Terphenyl-d14	19.74	244	19389	0.20	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	746	0.076	ng	# 90
3) n-Nitrosodimethylamine	3.03	42	1781	0.389	ng	# 100
6) bis(2-Chloroethyl)ether	7.19	93	1283	0.060	ng	# 83
9) Naphthalene	10.54	128	13759	0.194	ng	99
10) Hexachlorobutadiene	10.85	225	2779	0.191	ng	# 99
12) 2-Methylnaphthalene	12.17	142	9498	0.196	ng	99
16) Acenaphthylene	14.07	152	14767	0.172	ng	100
17) Acenaphthene	14.41	154	9464	0.189	ng	100
18) Fluorene	15.39	166	12416	0.196	ng	99
20) 4-Bromophenyl-phenylether	16.29	248	4082	0.286	ng	100
21) Hexachlorobenzene	16.40	284	4317	0.178	ng	99
22) Pentachlorophenol	16.74	266	941	0.125	ng	97
23) Phenanthrene	17.13	178	21449	0.197	ng	100
24) Anthracene	17.22	178	19498	0.178	ng	100
26) Fluoranthene	19.16	202	25823	0.185	ng	100
28) Pyrene	19.52	202	26294	0.178	ng	100
30) Benzo(a)anthracene	21.27	228	25654	0.178	ng	100
31) Chrysene	21.32	228	25855	0.185	ng	99
32) Bis(2-ethylhexyl)phthalate	21.24	149	7907	0.073	ng	98
33) Indeno(1,2,3-cd)pyrene	25.75	276	27356	0.163	ng	# 100
35) Benzo(b)fluoranthene	22.85	252	25242	0.181	ng	98
36) Benzo(k)fluoranthene	22.90	252	25253	0.183	ng	98
37) Benzo(a)pyrene	23.42	252	22286	0.168	ng	97
38) Dibenzo(a,h)anthracene	25.77	278	22503	0.170	ng	99
39) Benzo(g,h,i)perylene	26.42	276	23097	0.175	ng	98

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

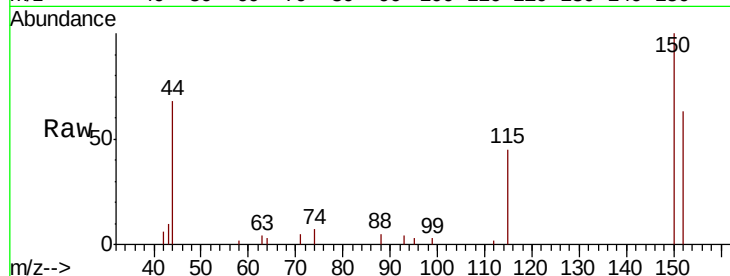


#1

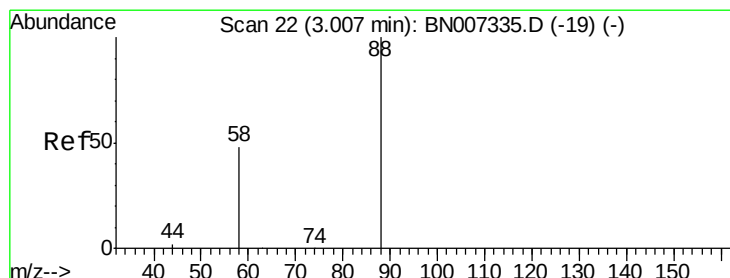
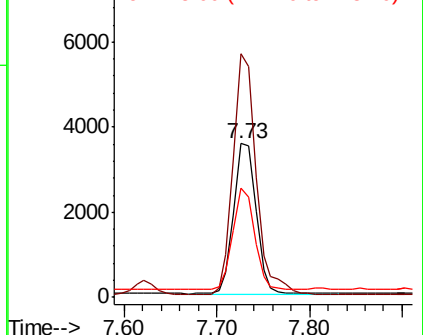
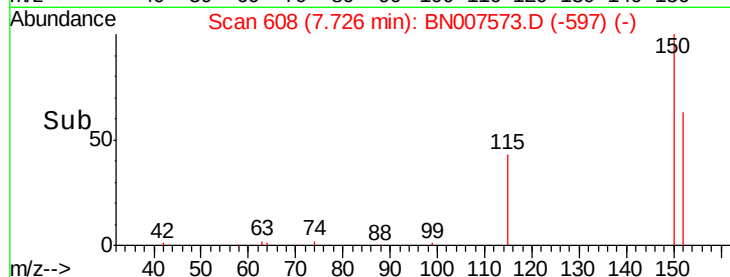
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.01 min
Lab File: BN007573.D
Acq: 10 Sep 2019 13:05

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5935
Ion Ratio Lower Upper
152 100
150 158.5 119.5 179.3
115 70.7 53.0 79.6



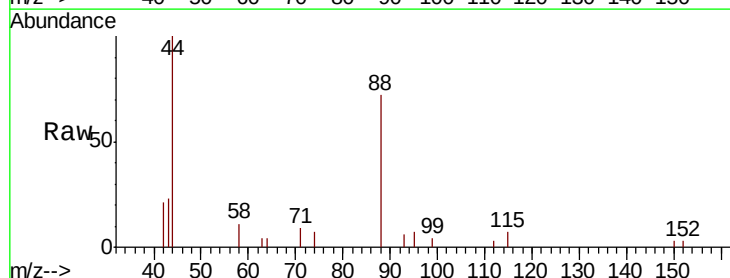
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



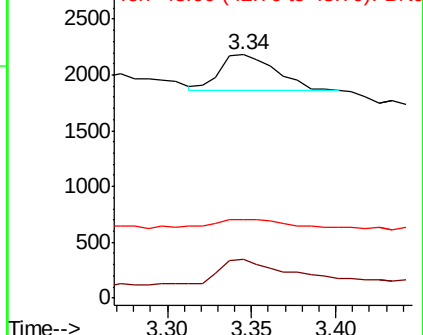
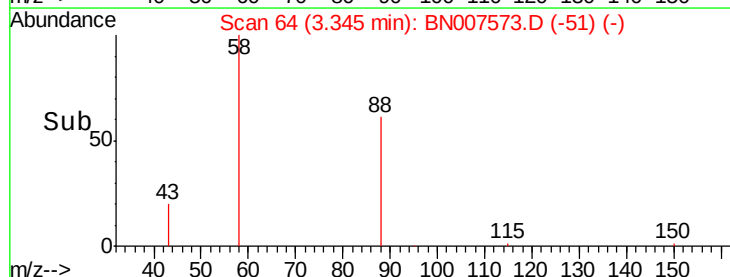
#2

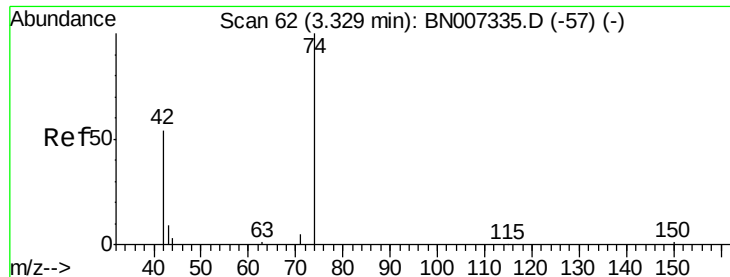
1,4-Dioxane
Concen: 0.076 ng
RT: 3.34 min Scan# 64
Delta R.T. 0.01 min
Lab File: BN007573.D
Acq: 10 Sep 2019 13:05

Tgt Ion: 88 Resp: 746
Ion Ratio Lower Upper
88 100
58 87.7 64.6 96.8
43 32.4 19.2 28.8#



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: 0.389 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

Instrument :

BNA_N

ClientSampleId :

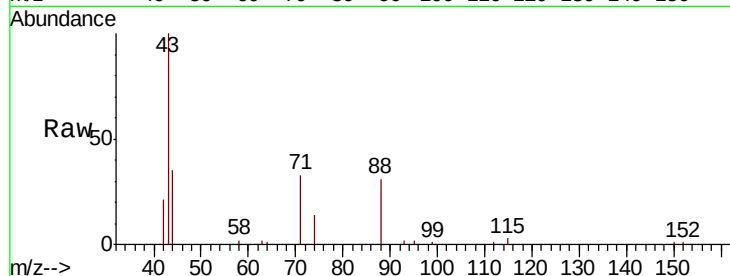
Tot Ion: 42 Resp: 1781

Ion Ratio Lower Upper

42 100

74 112.4 0.0 0.0#

44 31.1 0.0 0.0#

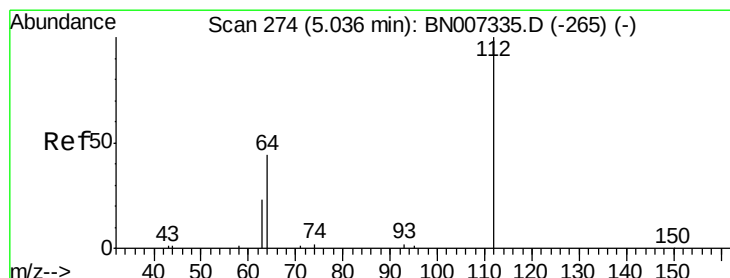
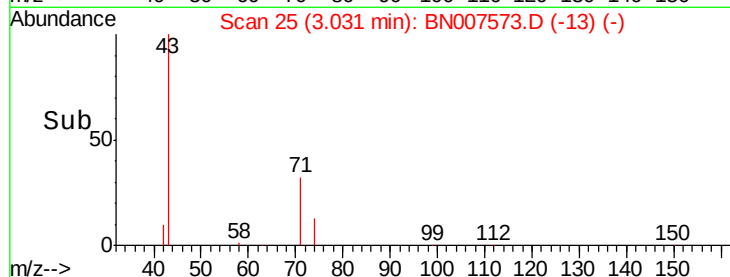
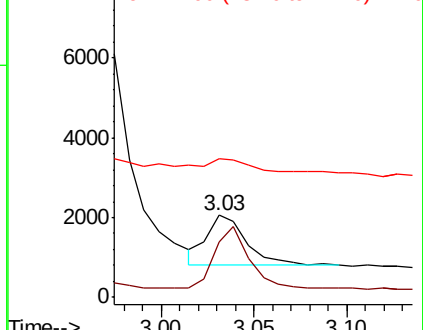


Abundance

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: 0.210 ng

RT: 5.34 min Scan# 312

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

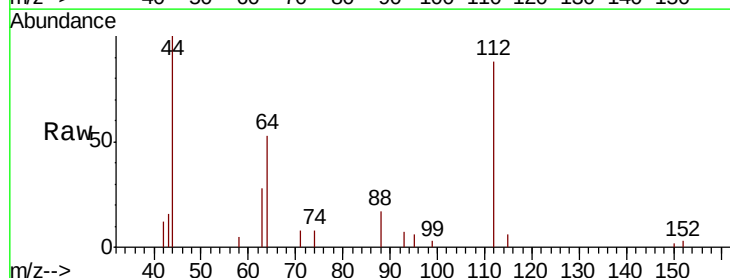
Tgt Ion: 112 Resp: 4633

Ion Ratio Lower Upper

112 100

64 61.6 49.2 73.8

63 31.5 26.0 39.0

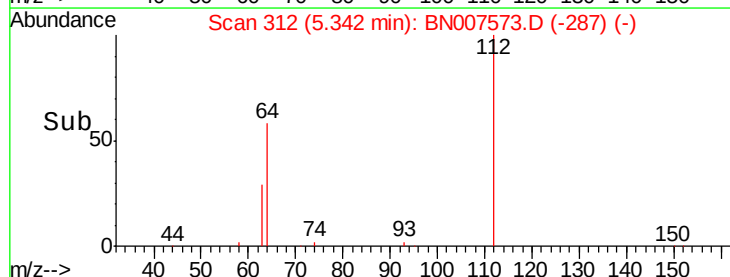
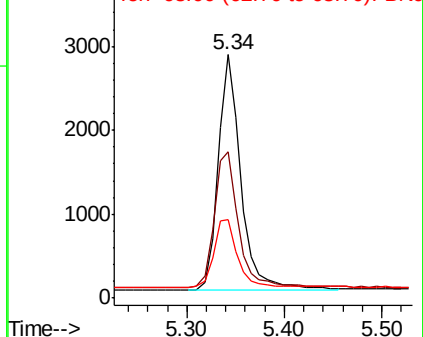


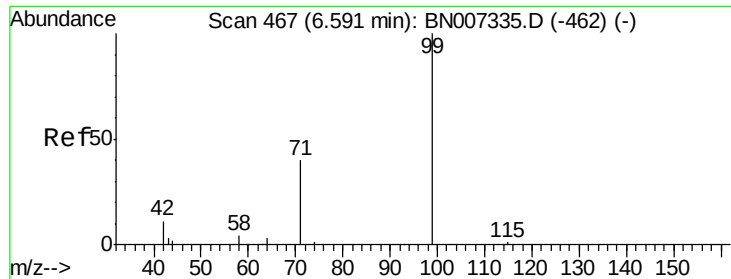
Abundance

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: 0.266 ng

RT: 6.90 min Scan# 505

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

Instrument :

BNA_N

ClientSampled :

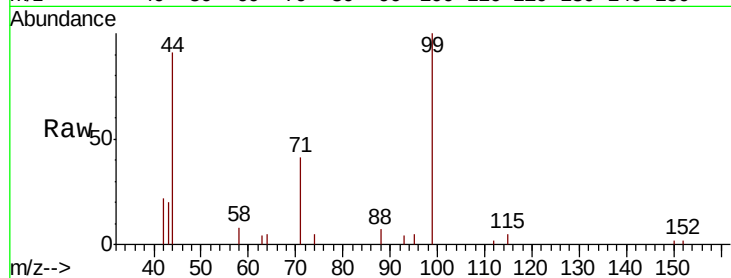
Tot Ion: 99 Resp: 7720

Ion Ratio Lower Upper

99 100

42 15.4 11.8 17.8

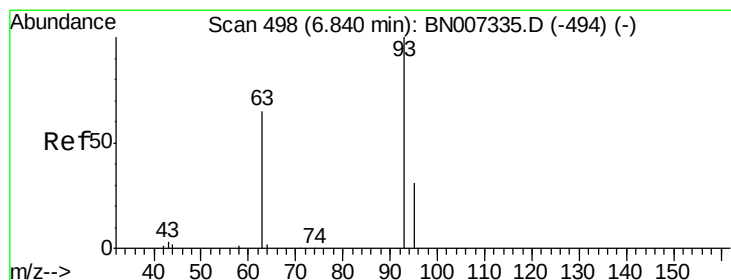
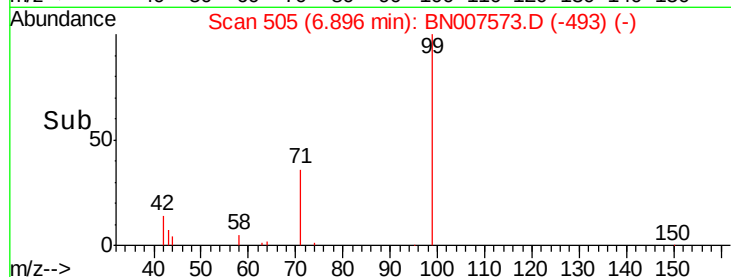
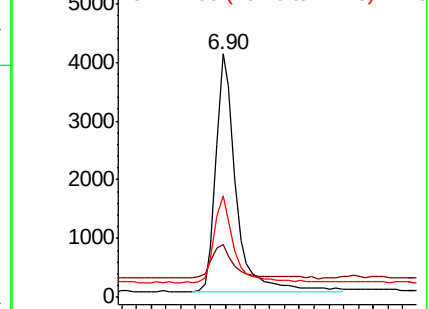
71 35.7 28.8 43.2



Abundance Ion 99.00 (98.70 to 99.70): BN007573.D (-505) (-)

Ion 42.00 (41.70 to 42.70): BN007573.D (-505) (-)

Ion 71.00 (70.70 to 71.70): BN007573.D (-505) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.060 ng

RT: 7.19 min Scan# 542

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

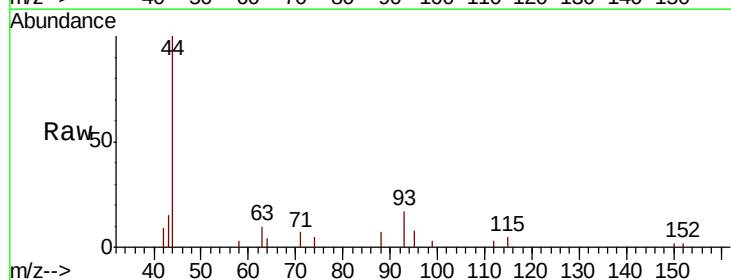
Tgt Ion: 93 Resp: 1283

Ion Ratio Lower Upper

93 100

63 74.0 69.8 104.6

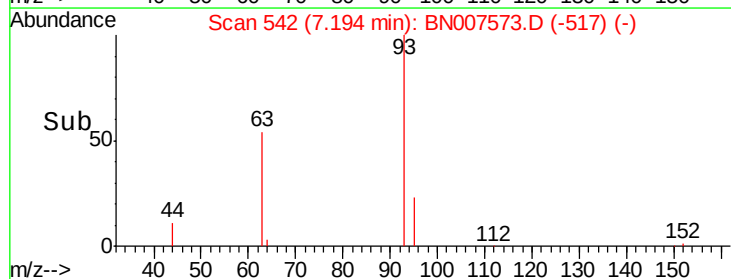
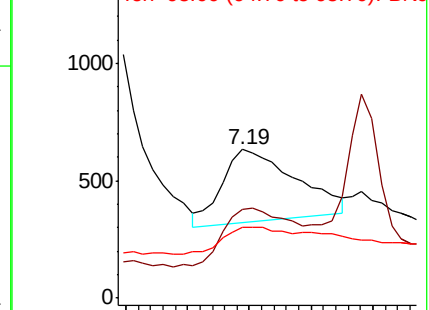
95 69.7 42.8 64.2#

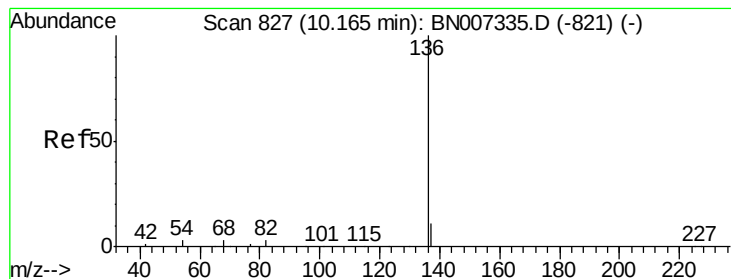


Abundance Ion 93.00 (92.70 to 93.70): BN007573.D (-542) (-)

Ion 63.00 (62.70 to 63.70): BN007573.D (-542) (-)

Ion 95.00 (94.70 to 95.70): BN007573.D (-542) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 24848

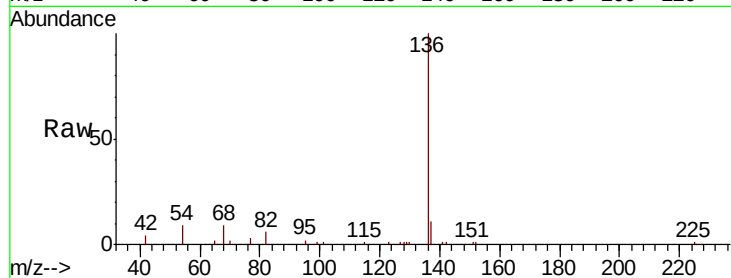
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.0 7.5 11.3

68 9.3 7.9 11.9

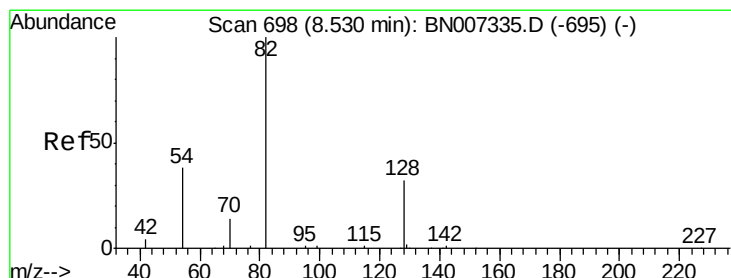
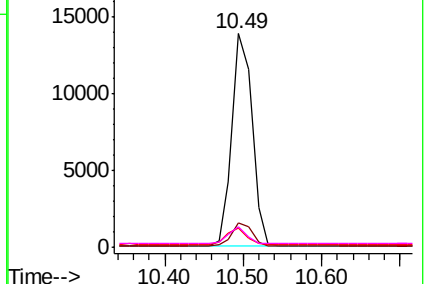
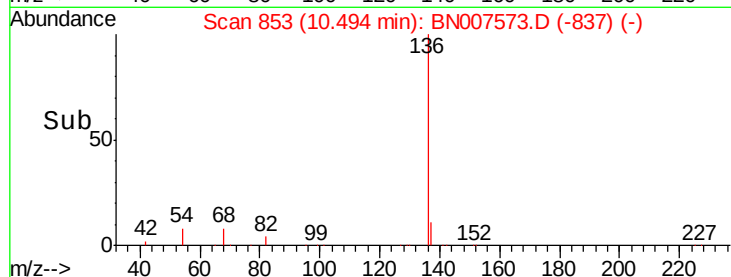


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.127 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

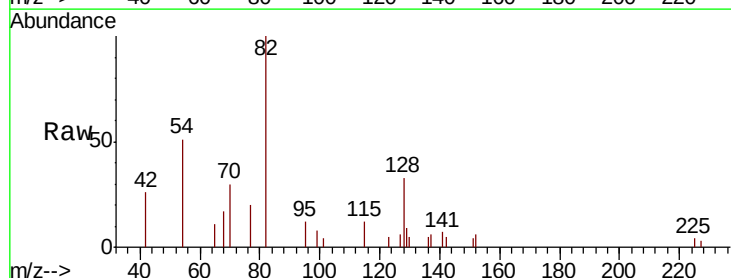
Tgt Ion: 82 Resp: 2743

Ion Ratio Lower Upper

82 100

128 32.8 23.4 35.2

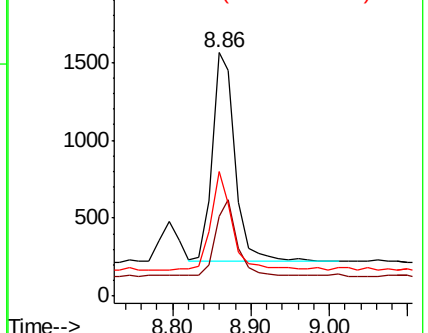
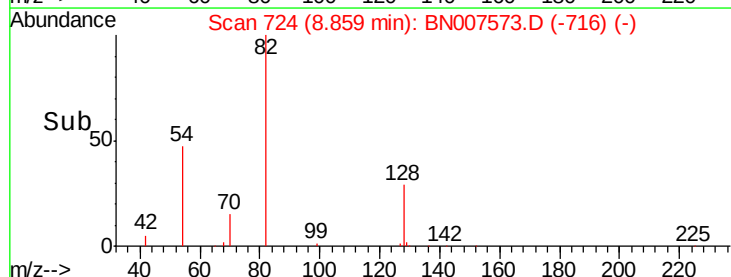
54 51.0 38.2 57.2

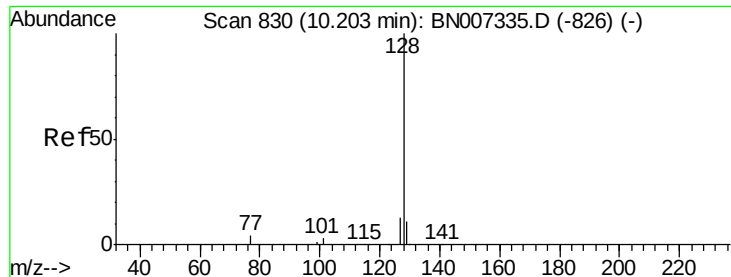


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.194 ng

RT: 10.54 min Scan# 857

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

Instrument :

BNA_N

ClientSampled :

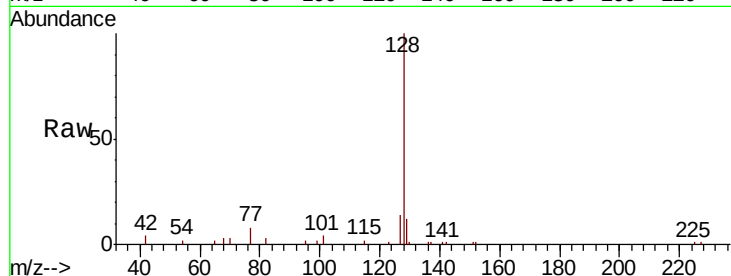
Tot Ion:128 Resp: 13759

Ion Ratio Lower Upper

128 100

129 12.1 9.3 13.9

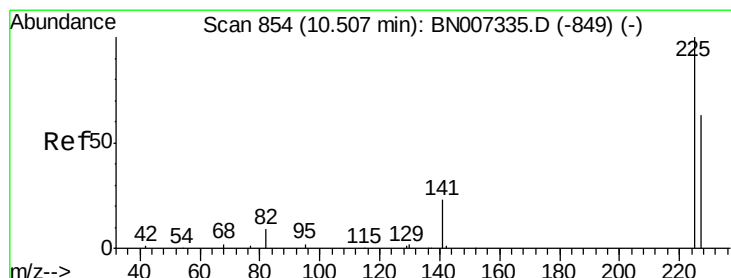
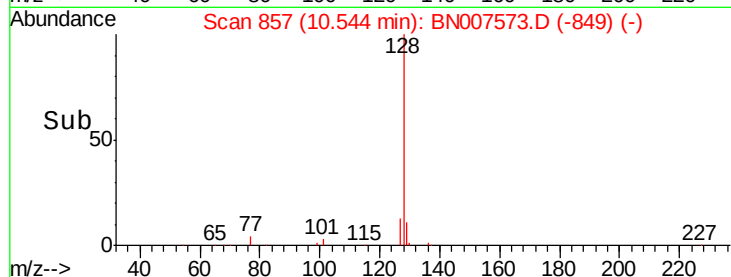
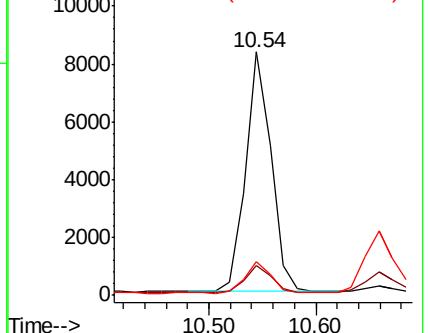
127 13.8 11.0 16.4



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: 0.191 ng

RT: 10.85 min Scan# 881

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

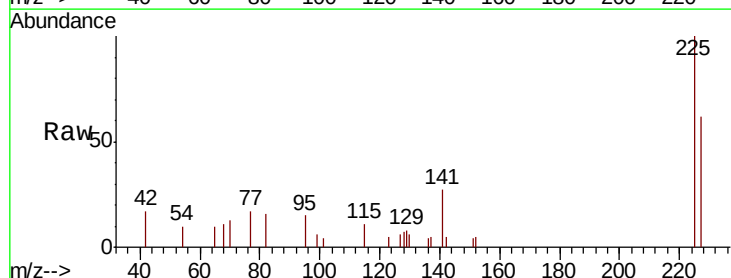
Tgt Ion:225 Resp: 2779

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

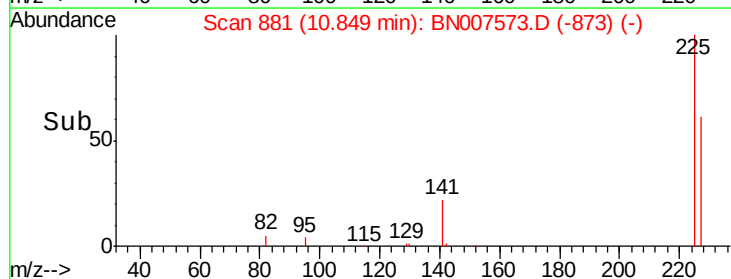
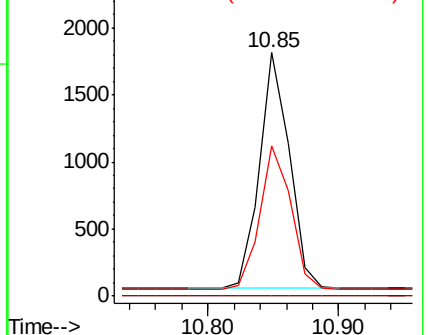
227 63.5 50.4 75.6

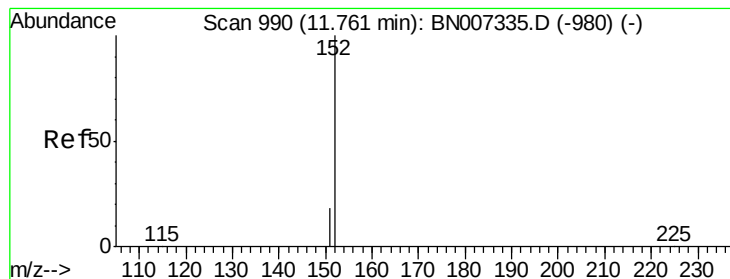


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.201 ng

RT: 12.09 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

Instrument :

BNA_N

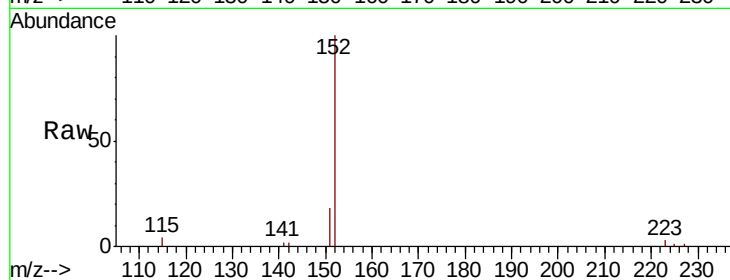
ClientSampleId :

Tot Ion:152 Resp: 8291

Ion Ratio Lower Upper

152 100

151 19.0 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.09

6000

5000

4000

3000

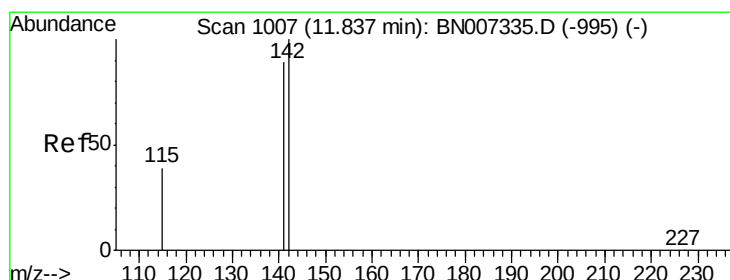
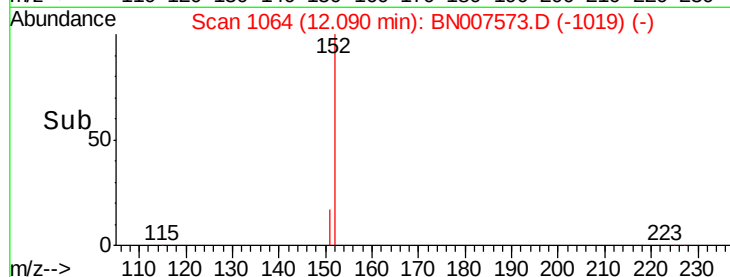
2000

1000

0

Time-->

12.00 12.05 12.10 12.15



#12

2-Methylnaphthalene

Concen: 0.196 ng

RT: 12.17 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

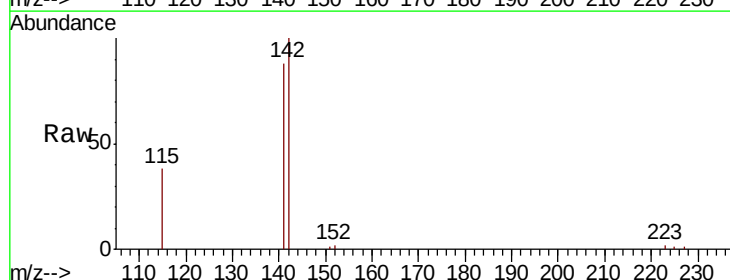
Tgt Ion:142 Resp: 9498

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.6

115 37.6 29.1 43.7



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

12.17

8000

6000

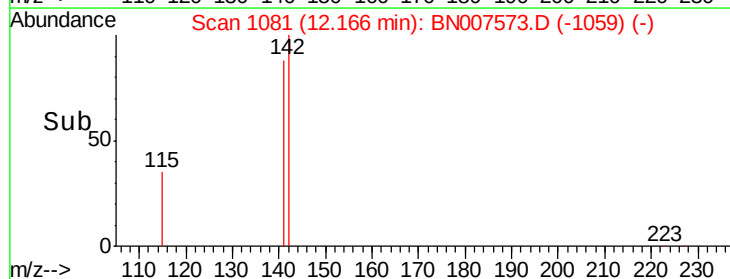
4000

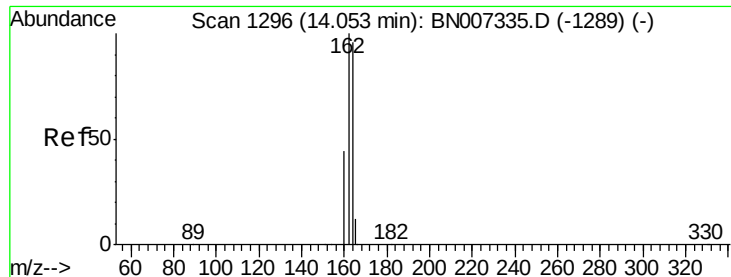
2000

0

Time-->

12.10 12.15 12.20 12.25





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.35 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

Instrument :

BNA_N

ClientSampled :

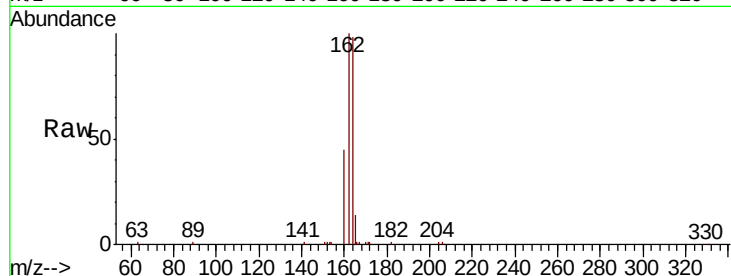
Tot Ion:164 Resp: 14477

Ion Ratio Lower Upper

164 100

162 102.3 82.2 123.2

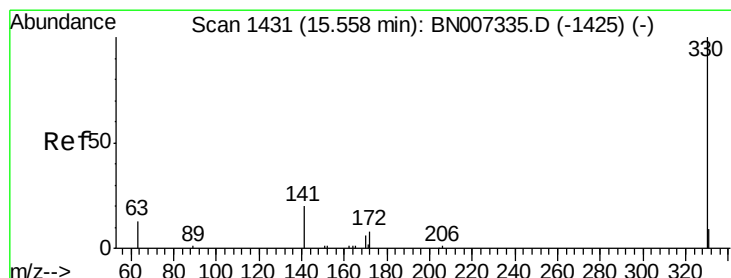
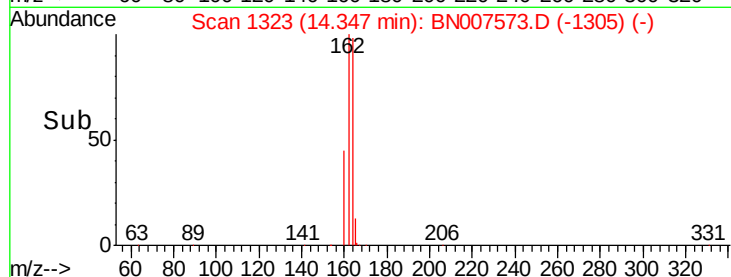
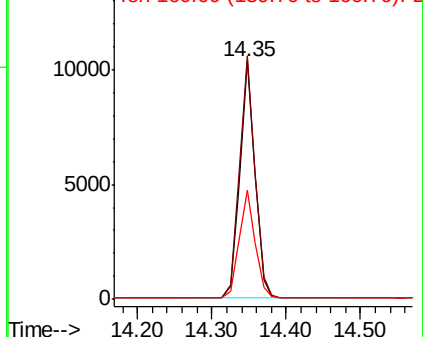
160 46.1 37.4 56.0



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: 0.151 ng

RT: 15.84 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

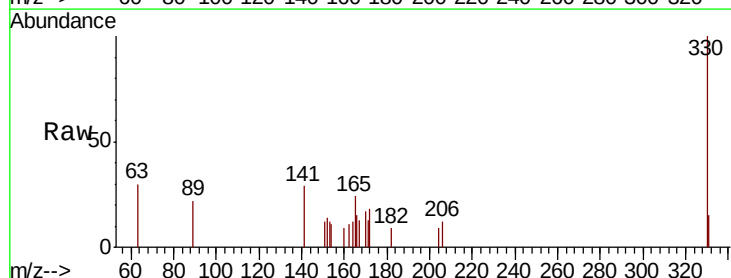
Tgt Ion:330 Resp: 1146

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

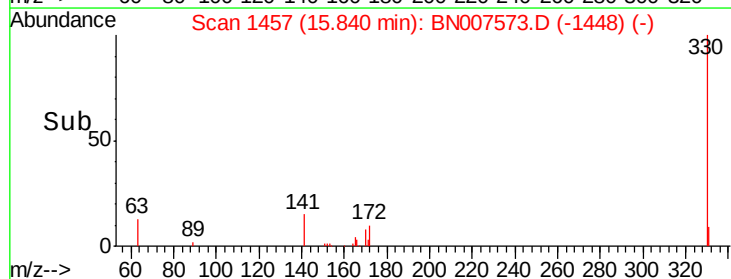
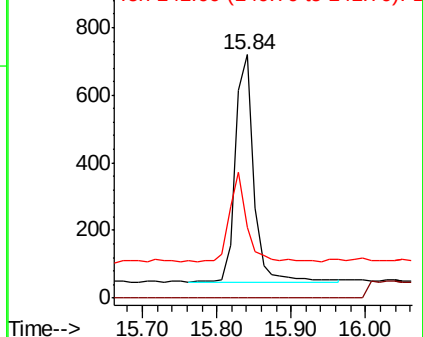
141 36.2 30.6 45.8

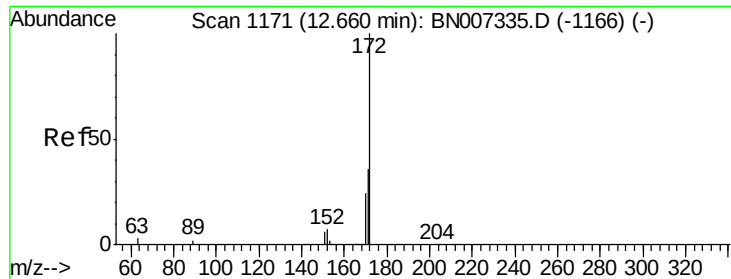


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

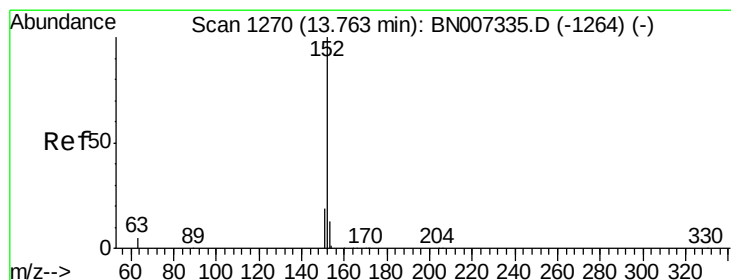
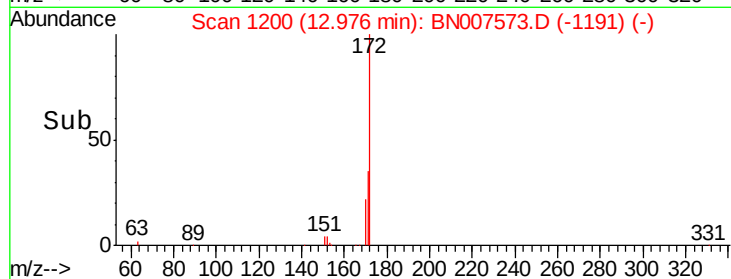
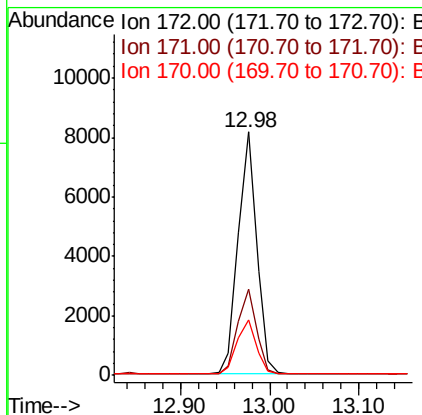
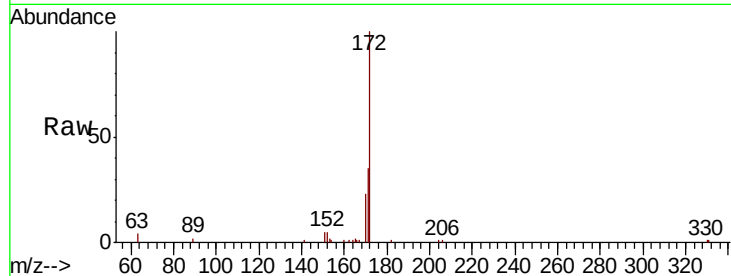




#15
2-Fluorobiphenyl
Concen: 0.202 ng
RT: 12.98 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BN007573.D
Acq: 10 Sep 2019 13:05

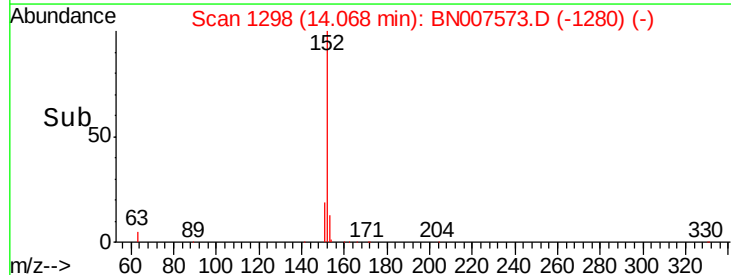
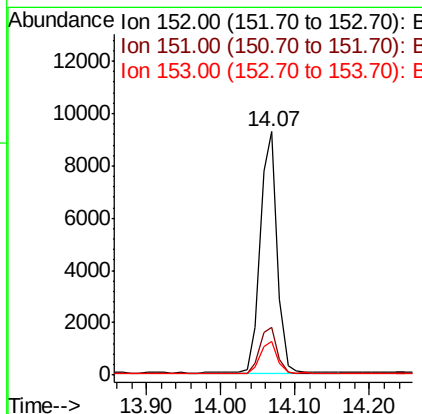
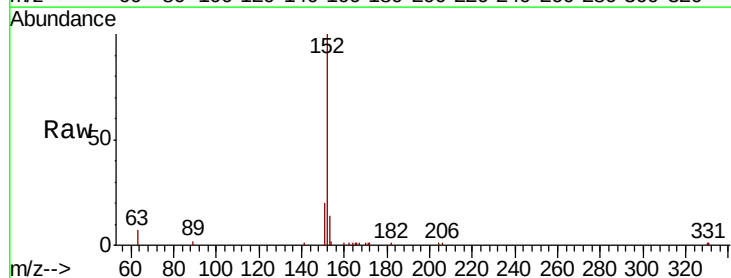
Instrument :
BNA_N
ClientSampled :

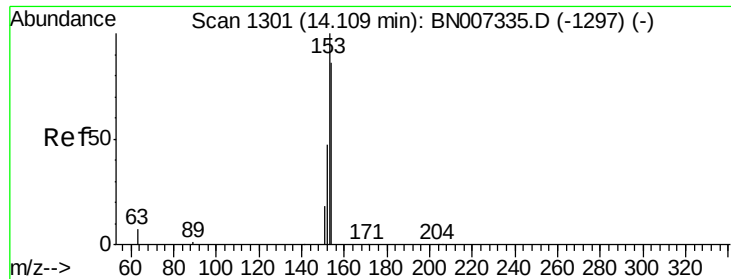
Tot Ion:172 Resp: 11768
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 22.9 18.3 27.5



#16
Acenaphthylene
Concen: 0.172 ng
RT: 14.07 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BN007573.D
Acq: 10 Sep 2019 13:05

Tgt Ion:152 Resp: 14767
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.1 10.4 15.6





#17

Acenaphthene

Concen: 0.189 ng

RT: 14.41 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

Instrument :

BNA_N

ClientSampleId :

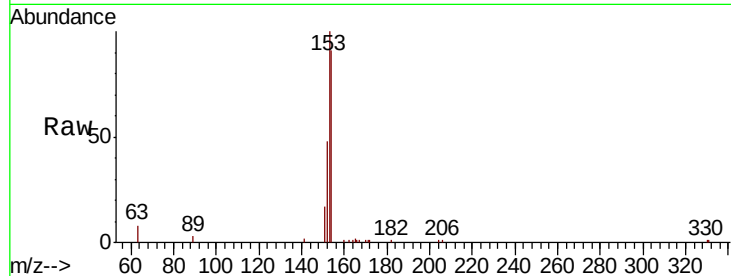
Tot Ion:154 Resp: 9464

Ion Ratio Lower Upper

154 100

153 111.7 89.4 134.2

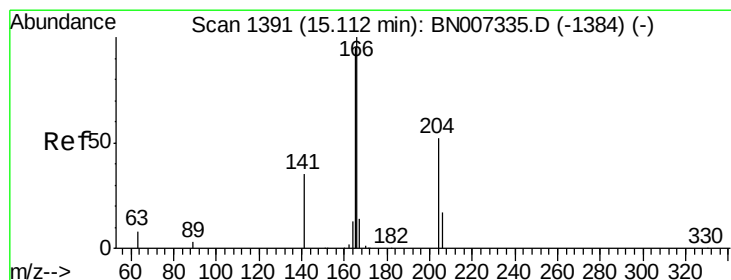
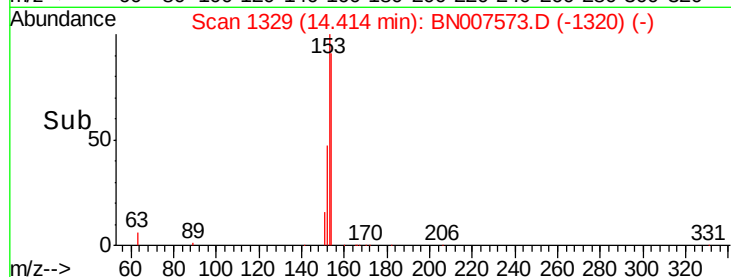
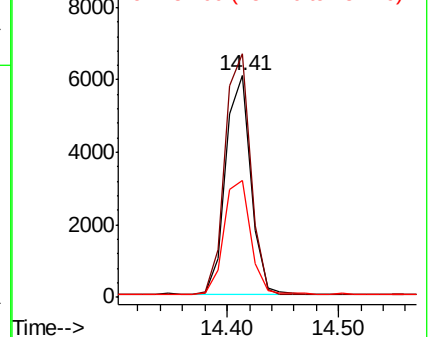
152 54.7 43.4 65.0



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: 0.196 ng

RT: 15.39 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

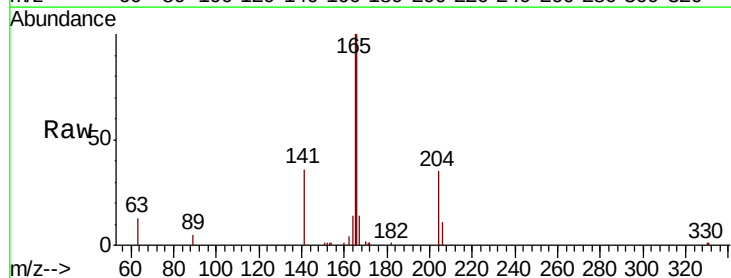
Tgt Ion:166 Resp: 12416

Ion Ratio Lower Upper

166 100

165 98.3 77.8 116.6

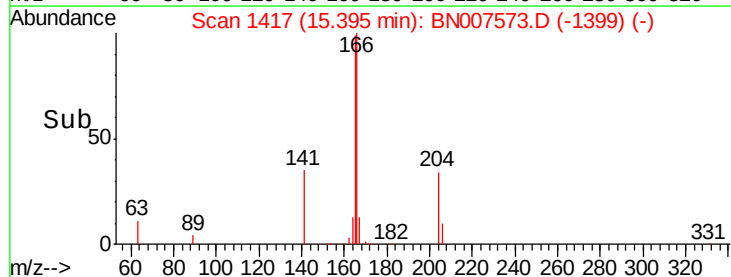
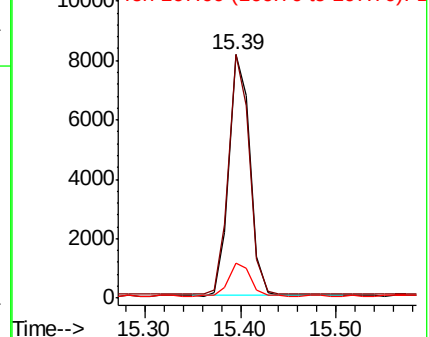
167 13.8 11.0 16.4

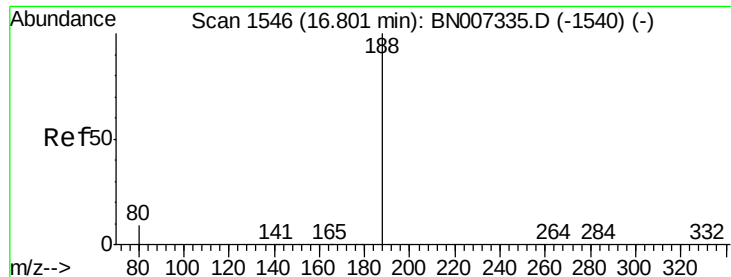


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.09 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

Instrument :

BNA_N

ClientSampleId :

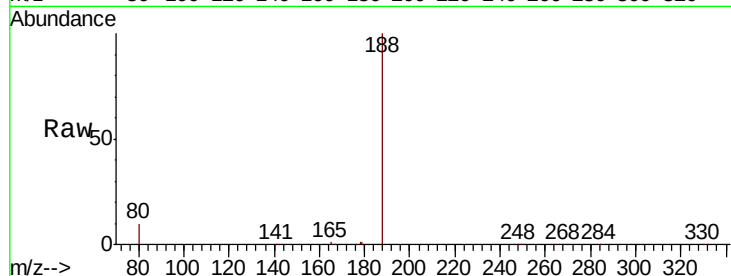
Tot Ion:188 Resp: 36147

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

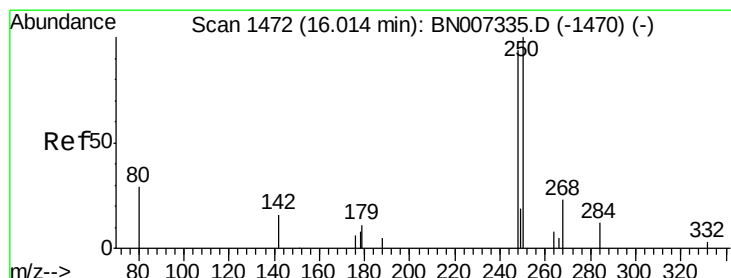
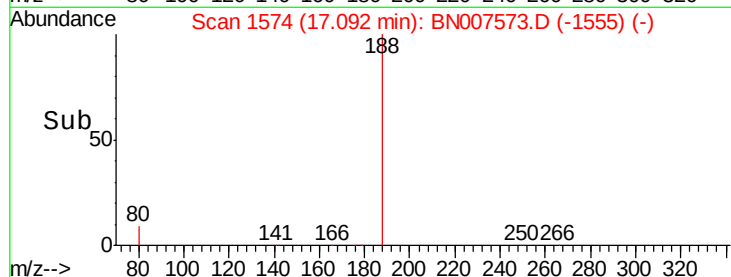
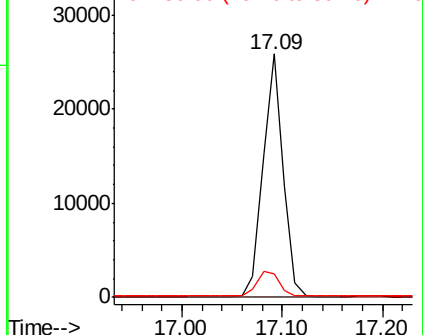
80 9.8 8.1 12.1



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: 0.286 ng

RT: 16.29 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

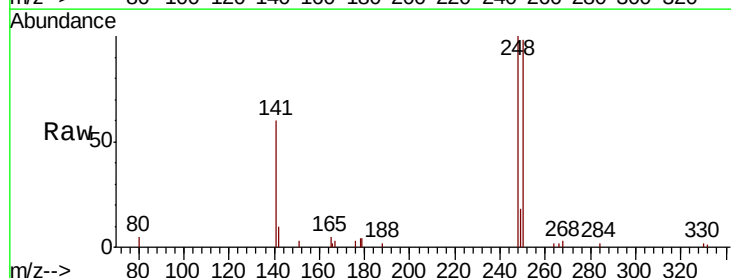
Tgt Ion:248 Resp: 4082

Ion Ratio Lower Upper

248 100

250 98.4 78.9 118.3

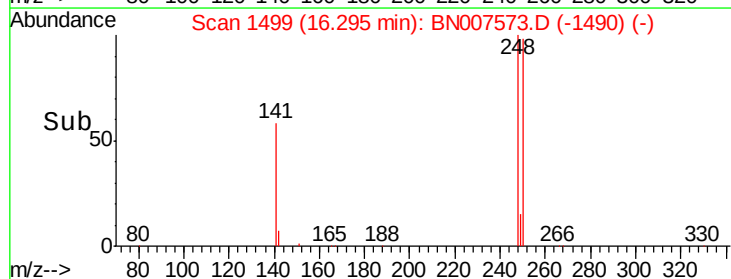
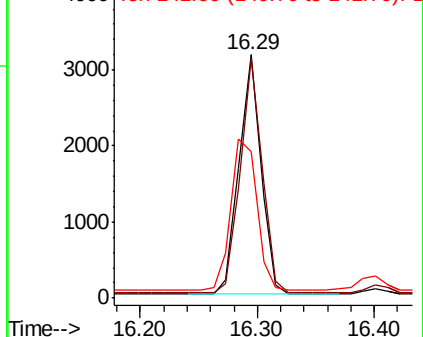
141 60.1 48.3 72.5

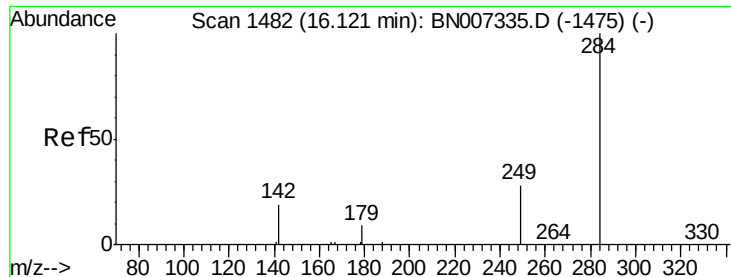


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.178 ng

RT: 16.40 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

Instrument :

BNA_N

ClientSampleId :

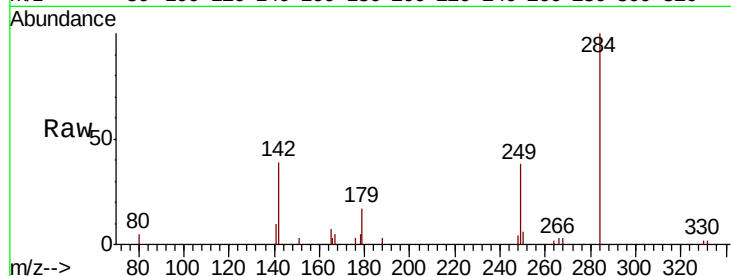
Tot Ion:284 Resp: 4317

Ion Ratio Lower Upper

284 100

142 35.4 27.9 41.9

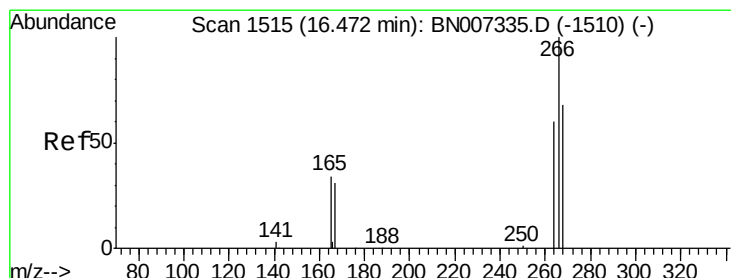
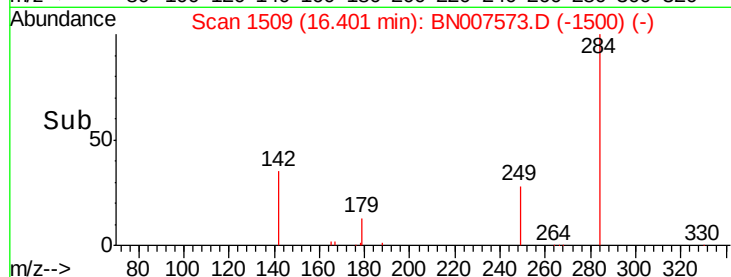
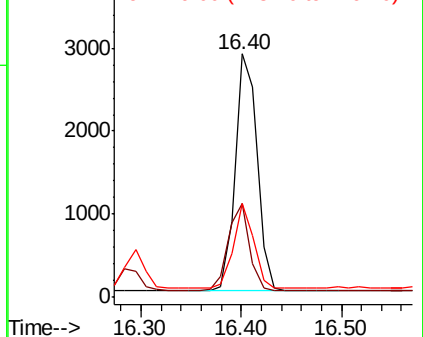
249 33.4 26.0 39.0



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: 0.125 ng

RT: 16.74 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

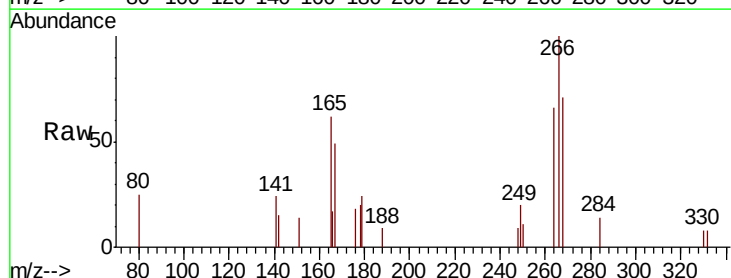
Tgt Ion:266 Resp: 941

Ion Ratio Lower Upper

266 100

264 65.9 52.0 78.0

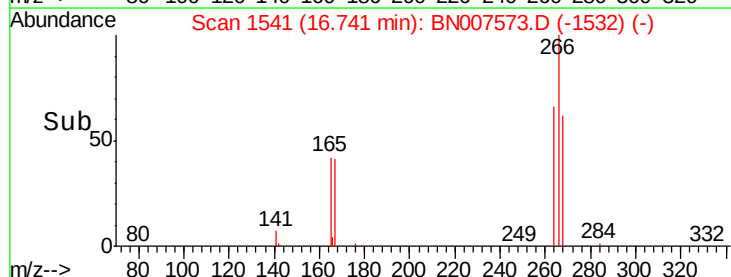
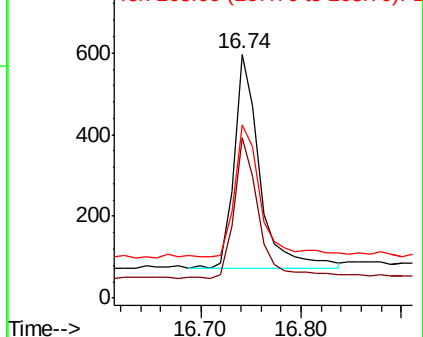
268 71.1 53.5 80.3

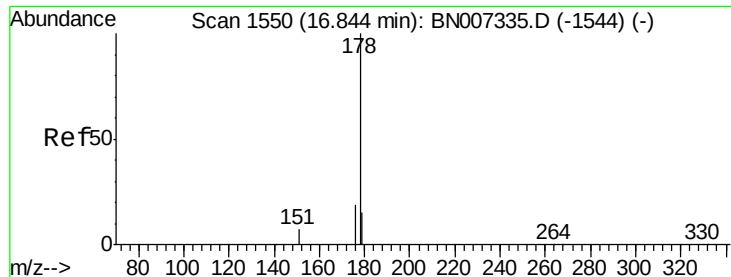


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.197 ng

RT: 17.13 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

Instrument :

BNA_N

ClientSampleId :

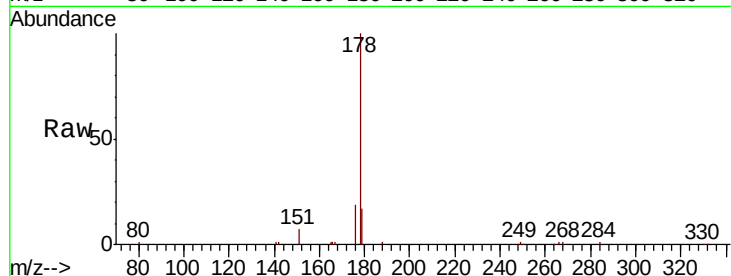
Tot Ion:178 Resp: 21449

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

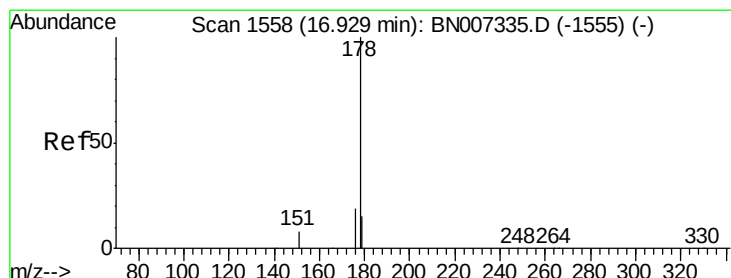
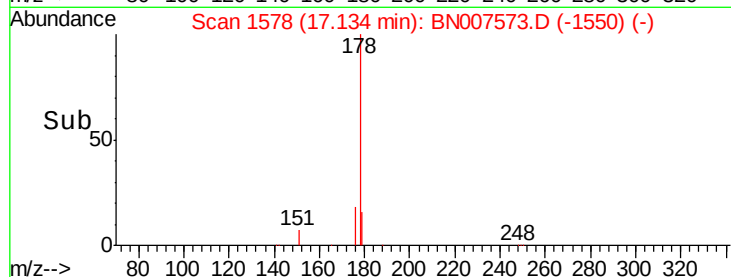
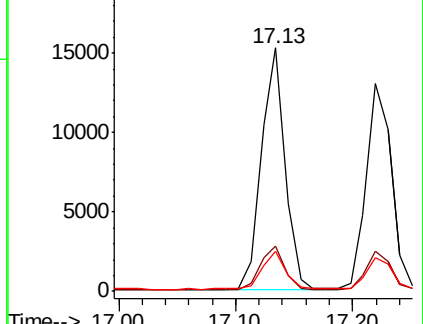
179 15.6 12.2 18.2



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: 0.178 ng

RT: 17.22 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

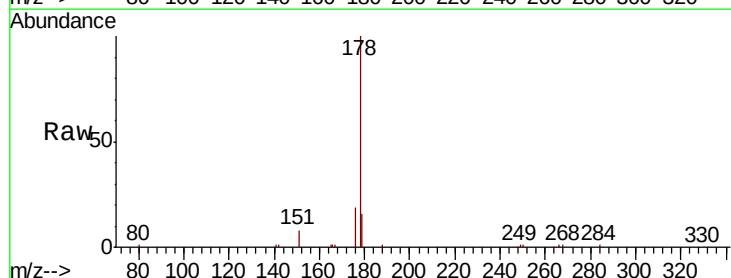
Tgt Ion:178 Resp: 19498

Ion Ratio Lower Upper

178 100

176 18.2 14.4 21.6

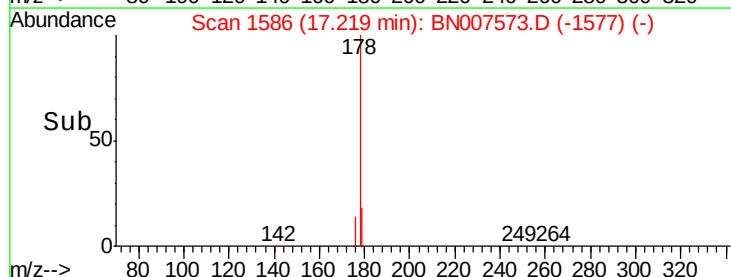
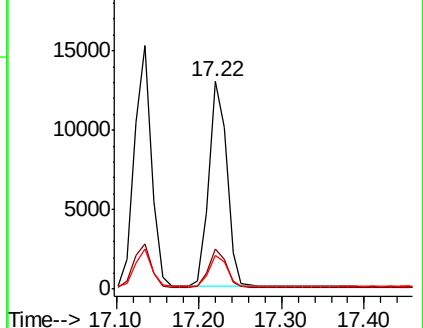
179 15.6 12.5 18.7

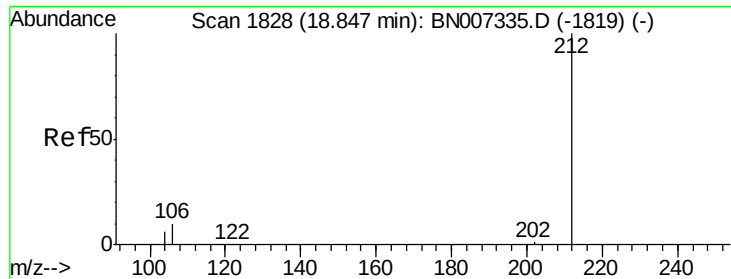


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.192 ng

RT: 19.13 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

Instrument :

BNA_N

ClientSampleId :

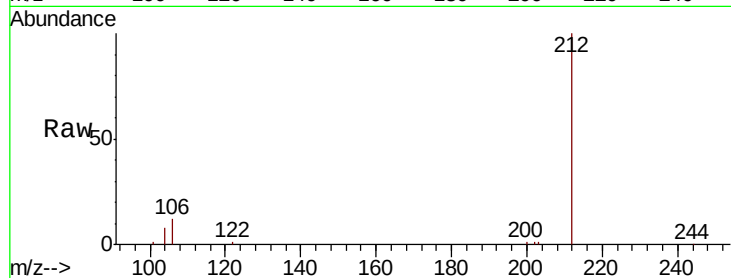
Tot Ion:212 Resp: 22392

Ion Ratio Lower Upper

212 100

106 12.0 9.7 14.5

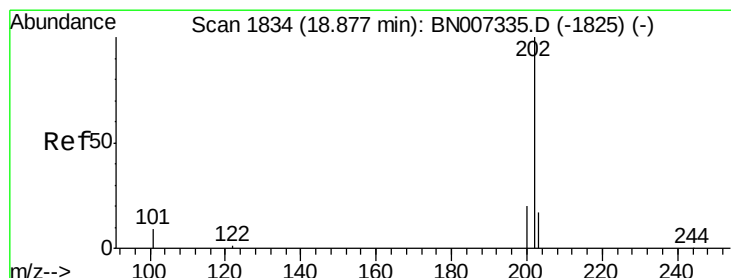
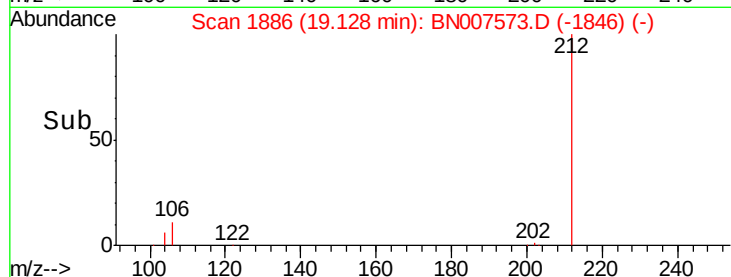
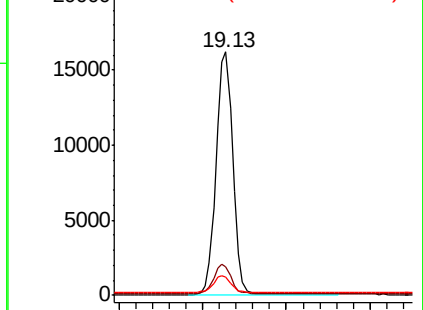
104 6.9 5.5 8.3



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: 0.185 ng

RT: 19.16 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

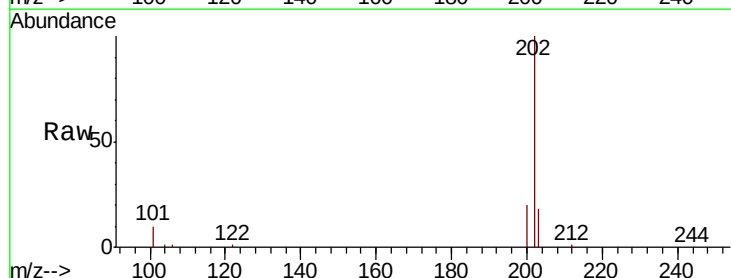
Tgt Ion:202 Resp: 25823

Ion Ratio Lower Upper

202 100

101 11.1 8.8 13.2

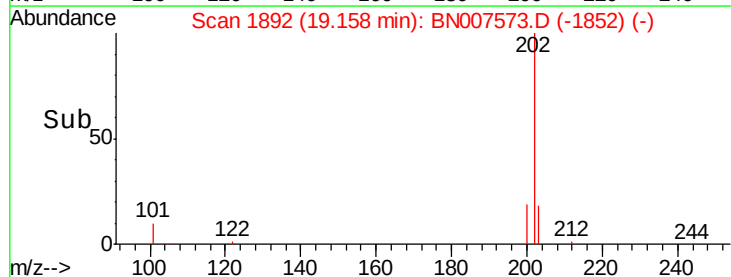
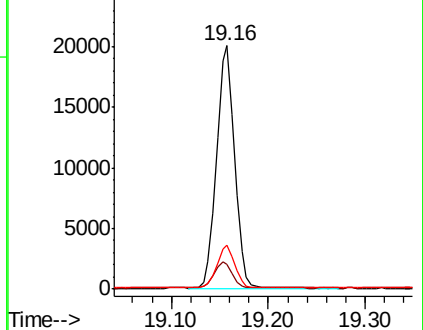
203 17.3 13.8 20.8

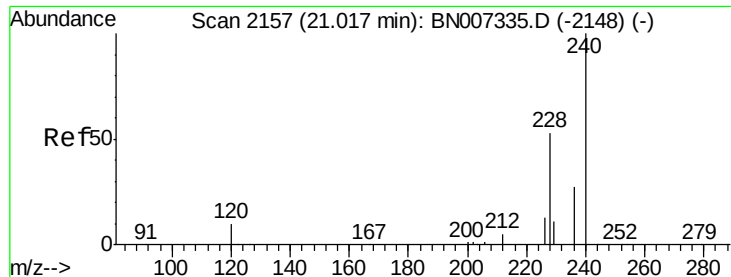


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

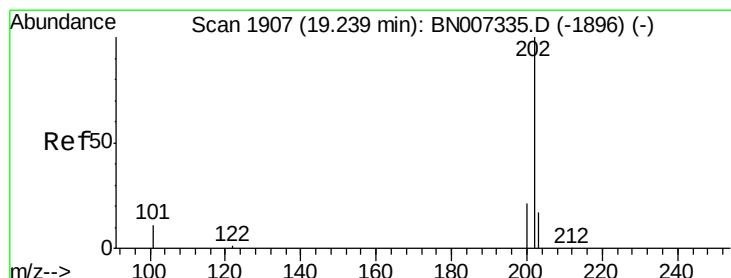
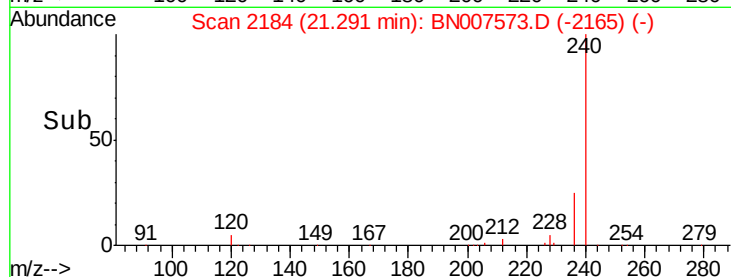
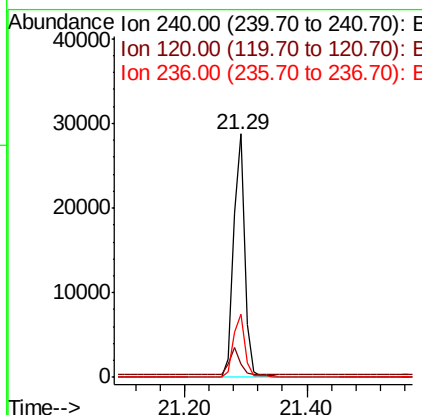
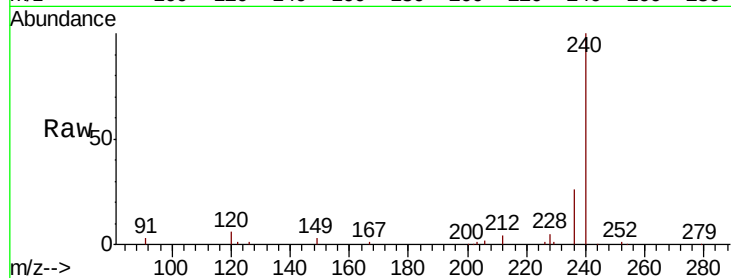




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 2184
 Delta R.T. -0.00 min
 Lab File: BN007573.D
 Acq: 10 Sep 2019 13:05

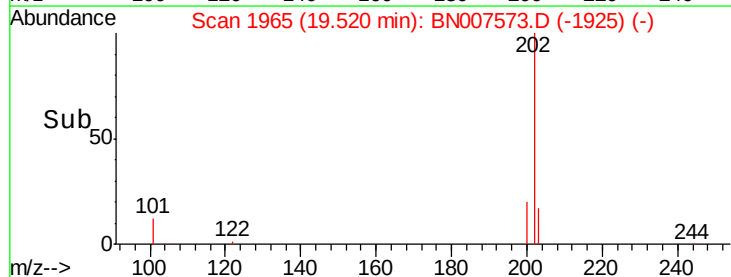
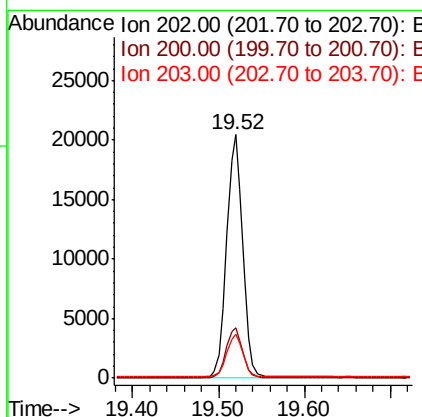
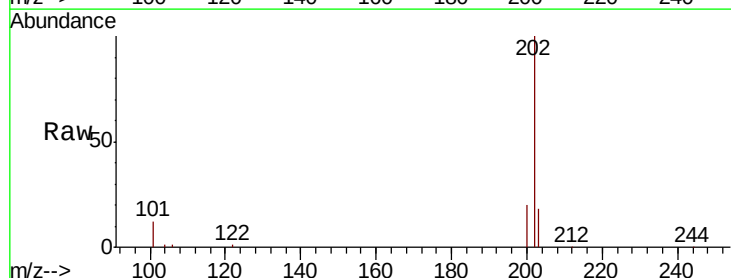
Instrument :
 BNA_N
 ClientSampleId :

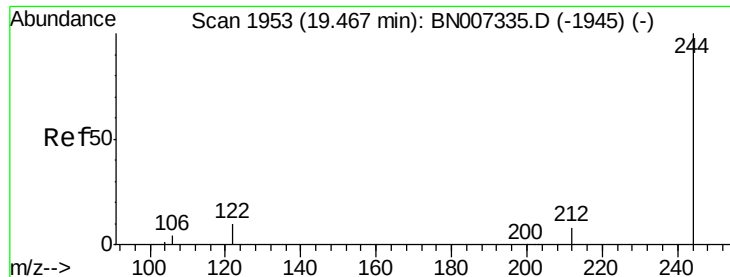
Tot Ion:240 Resp: 36769
 Ion Ratio Lower Upper
 240 100
 120 5.6 5.0 7.4
 236 25.7 20.6 31.0



#28
 Pyrene
 Concen: 0.178 ng
 RT: 19.52 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: BN007573.D
 Acq: 10 Sep 2019 13:05

Tgt Ion:202 Resp: 26294
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.3 24.5
 203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 0.202 ng

RT: 19.74 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

Instrument :

BNA_N

ClientSampleId :

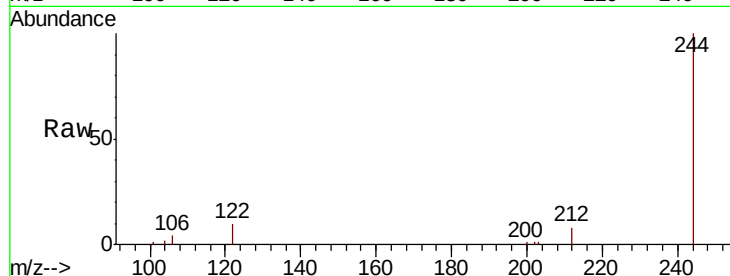
Tot Ion:244 Resp: 19389

Ion Ratio Lower Upper

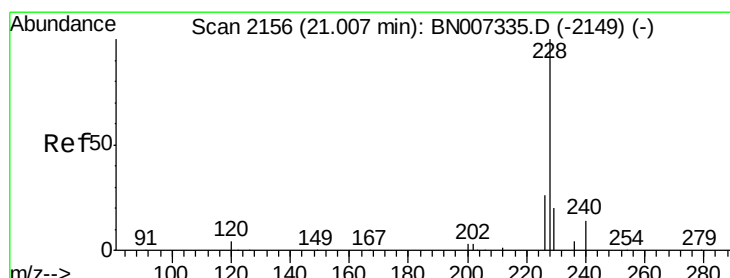
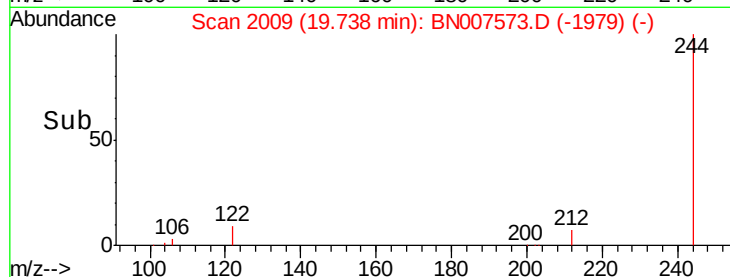
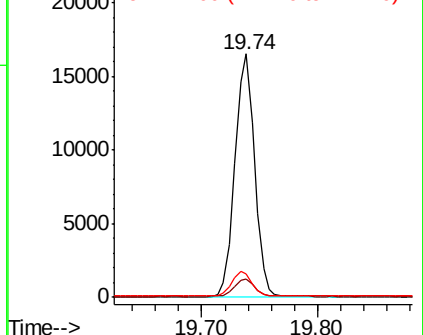
244 100

212 7.6 5.8 8.8

122 9.6 7.8 11.6



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: 0.178 ng

RT: 21.27 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

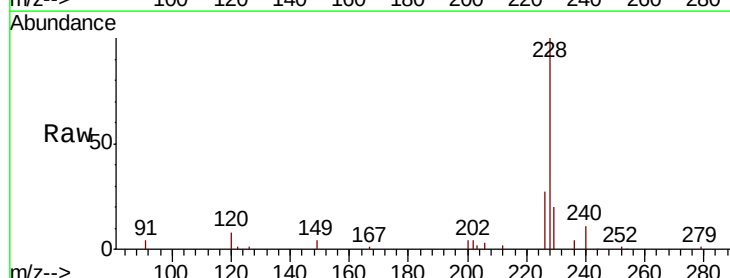
Tgt Ion:228 Resp: 25654

Ion Ratio Lower Upper

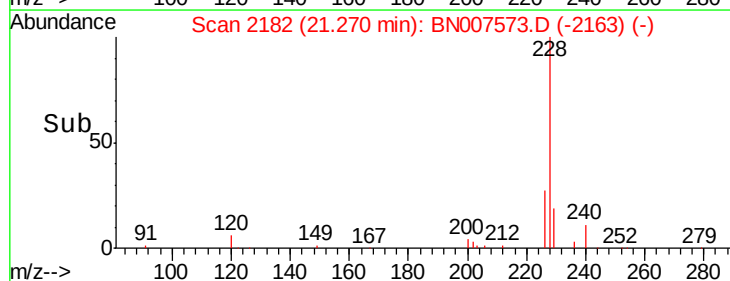
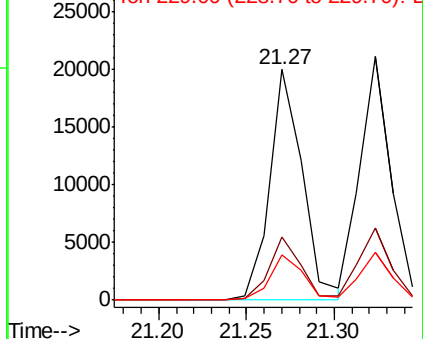
228 100

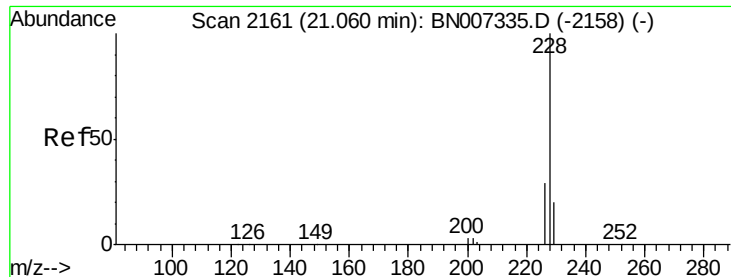
226 27.4 21.6 32.4

229 19.7 15.7 23.5



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: 0.185 ng

RT: 21.32 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

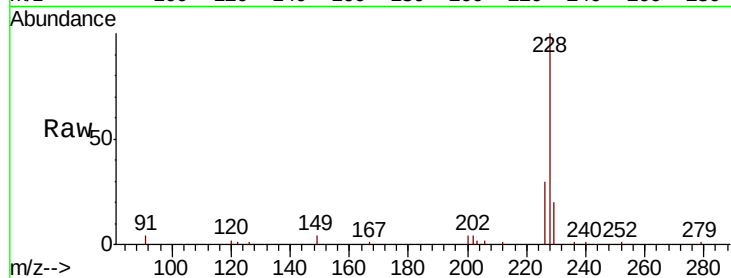
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 25855

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	19.8	15.7	23.5

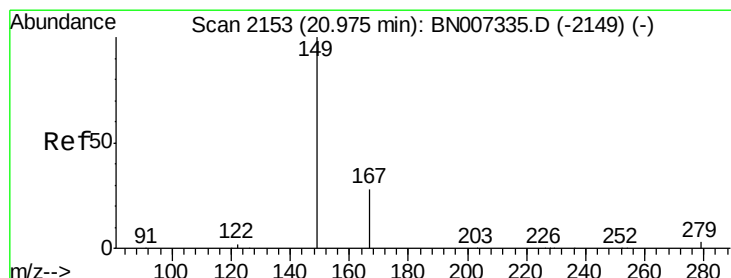
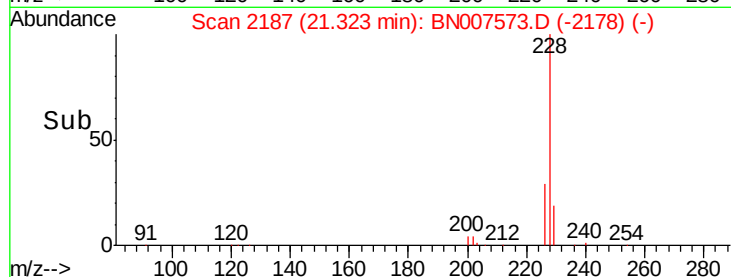
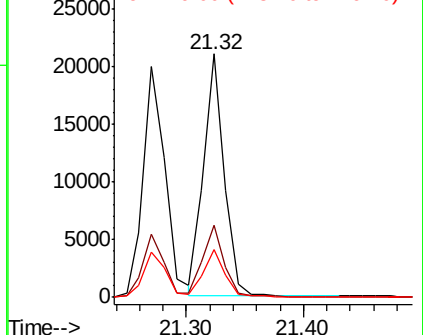


Abundance

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: 0.073 ng

RT: 21.24 min Scan# 2179

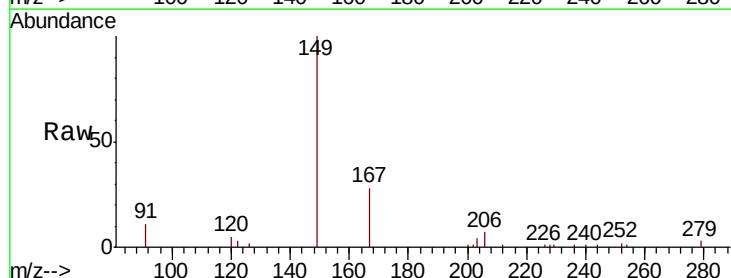
Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

Tgt Ion:149 Resp: 7907

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.1	33.1
279	5.2	3.9	5.9

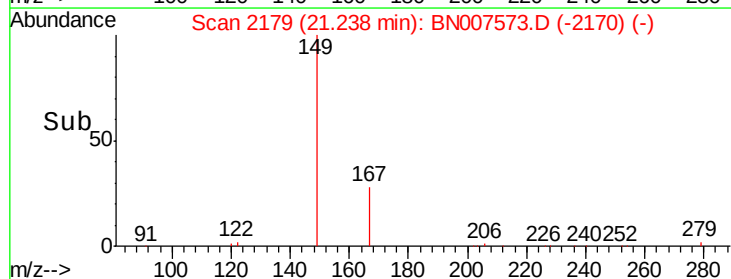
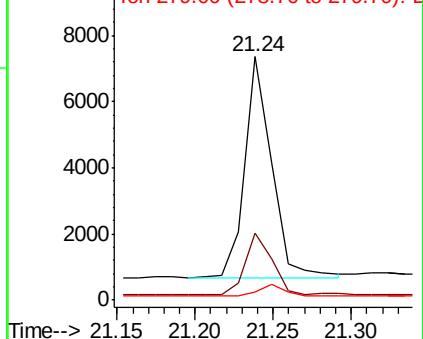


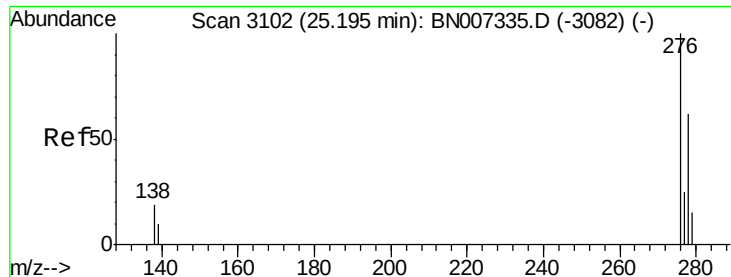
Abundance

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

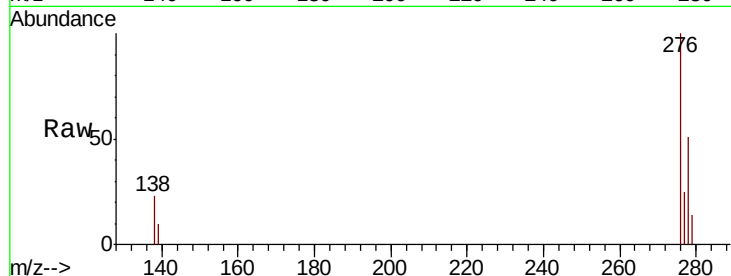




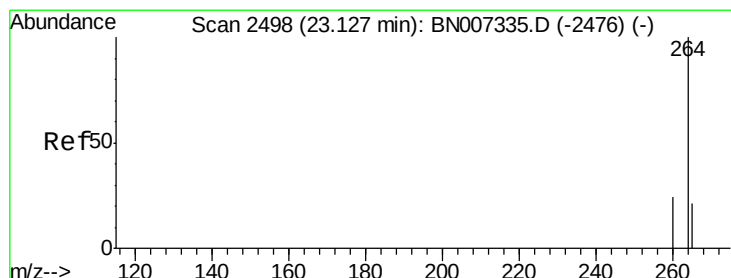
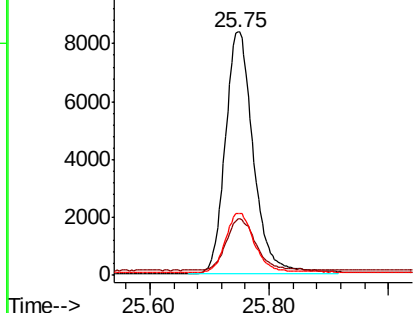
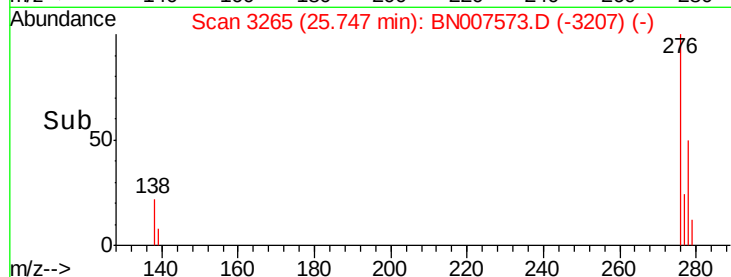
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.163 ng
 RT: 25.75 min Scan# 3265
 Delta R.T. -0.00 min
 Lab File: BN007573.D
 Acq: 10 Sep 2019 13:05

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 27356
 Ion Ratio Lower Upper
 276 100
 138 22.7 0.0 0.0#
 277 25.1 0.0 0.0#

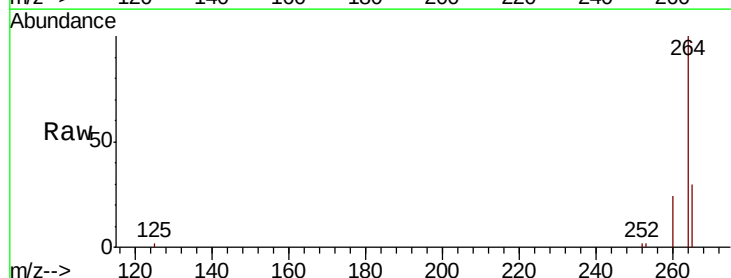


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

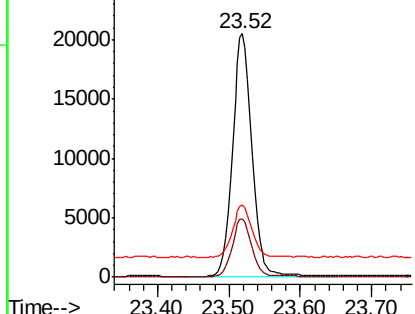
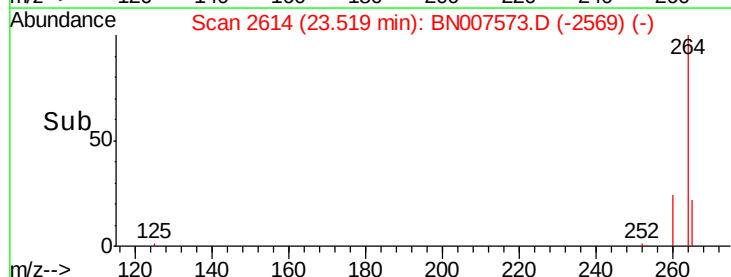


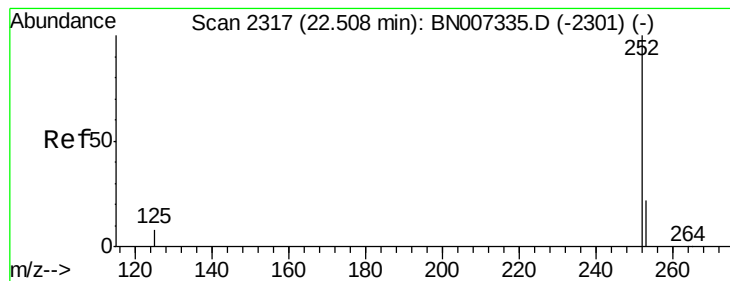
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.52 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BN007573.D
 Acq: 10 Sep 2019 13:05

Tgt Ion:264 Resp: 38458
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 29.7 25.6 38.4



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: 0.181 ng

RT: 22.85 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

Instrument :

BNA_N

ClientSampleId :

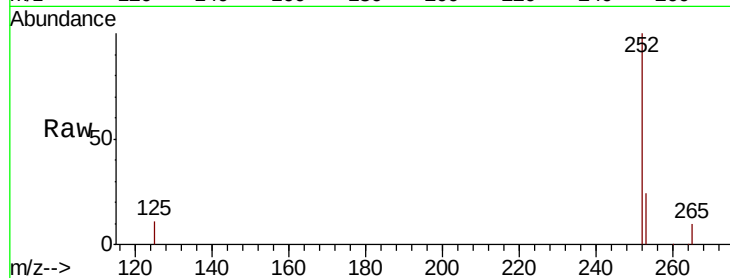
Tot Ion:252 Resp: 25242

Ion Ratio Lower Upper

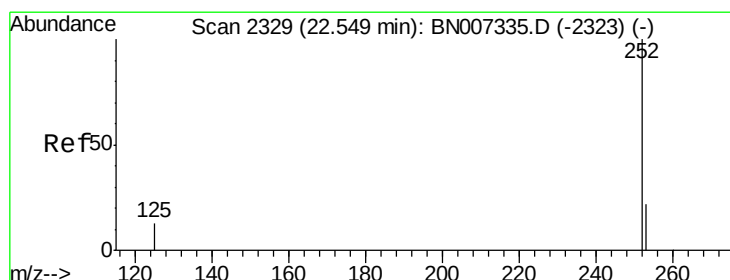
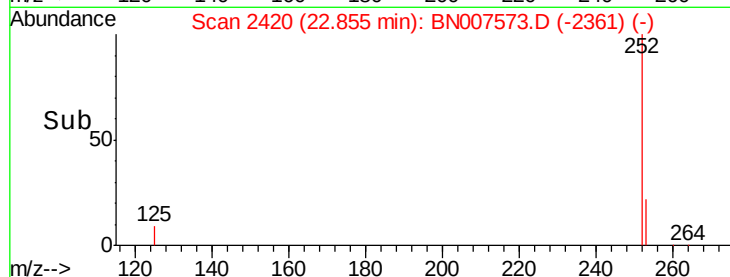
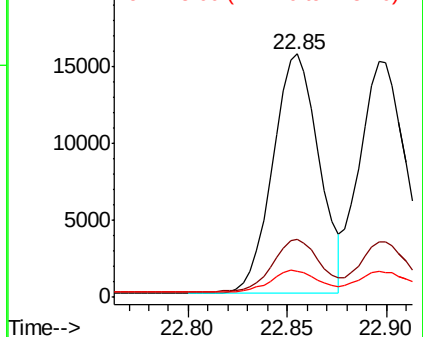
252 100

253 23.9 18.5 27.7

125 10.8 8.2 12.2



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: 0.183 ng

RT: 22.90 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

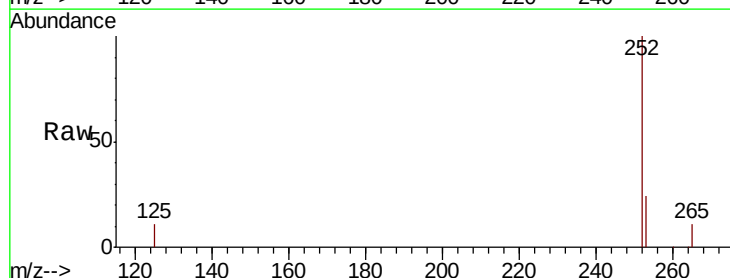
Tgt Ion:252 Resp: 25253

Ion Ratio Lower Upper

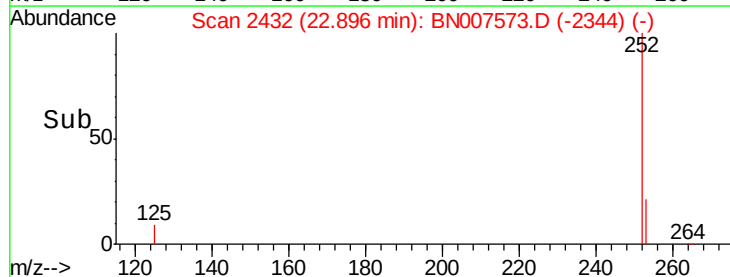
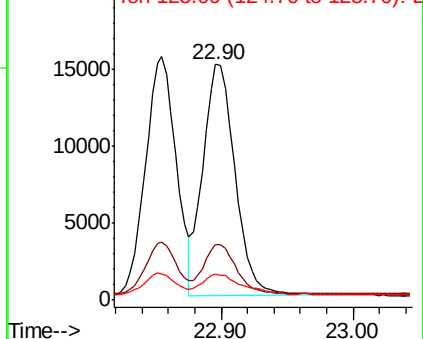
252 100

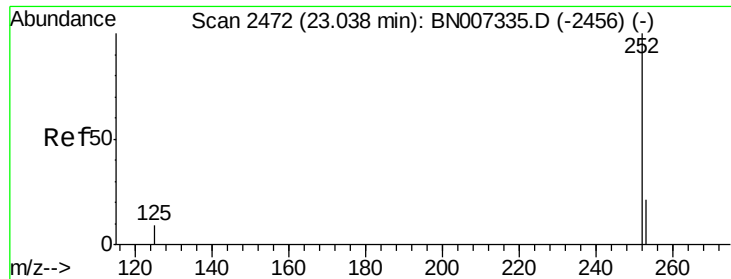
253 23.6 18.4 27.6

125 11.2 8.2 12.2



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: 0.168 ng

RT: 23.42 min Scan# 2586

Delta R.T. 0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

Instrument :

BNA_N

ClientSampleId :

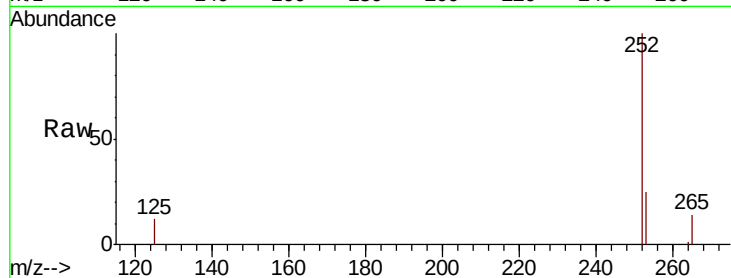
Tot Ion:252 Resp: 22286

Ion Ratio Lower Upper

252 100

253 24.7 18.6 28.0

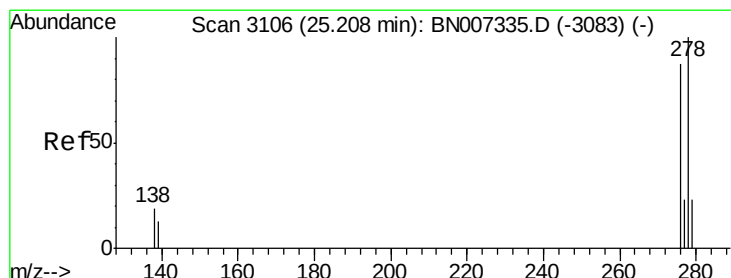
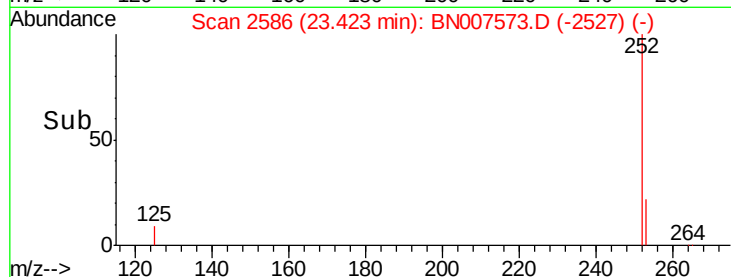
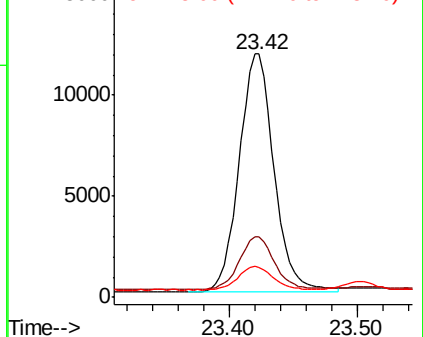
125 12.3 9.2 13.8



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: 0.170 ng

RT: 25.77 min Scan# 3271

Delta R.T. 0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

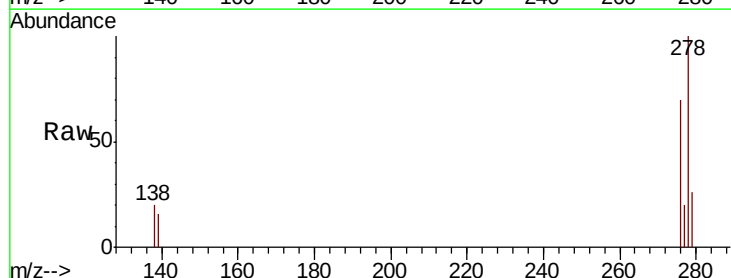
Tgt Ion:278 Resp: 22503

Ion Ratio Lower Upper

278 100

139 15.7 12.5 18.7

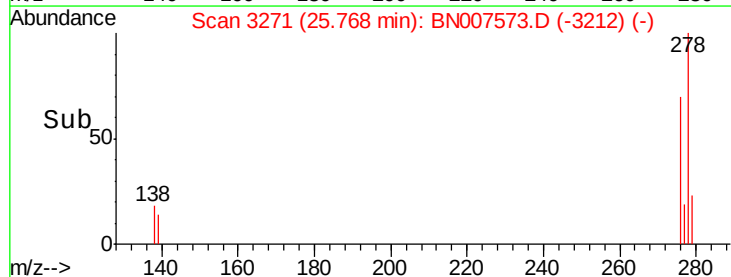
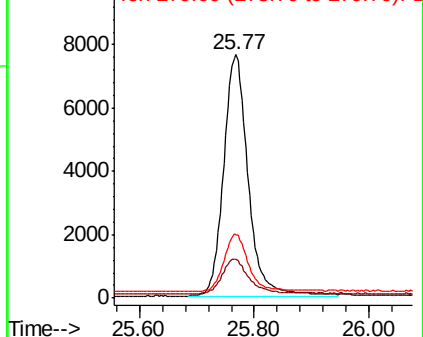
279 26.1 20.2 30.2

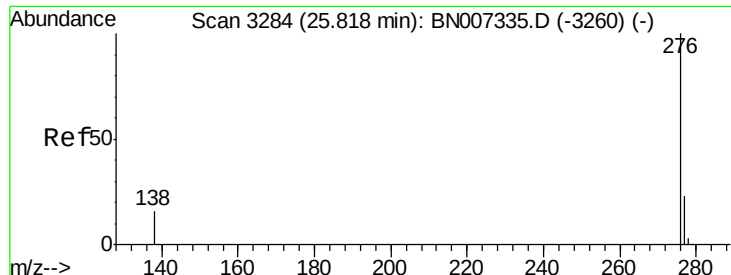


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.175 ng

RT: 26.42 min Scan# 3462

Delta R.T. -0.00 min

Lab File: BN007573.D

Acq: 10 Sep 2019 13:05

Instrument :

BNA_N

ClientSampleId :

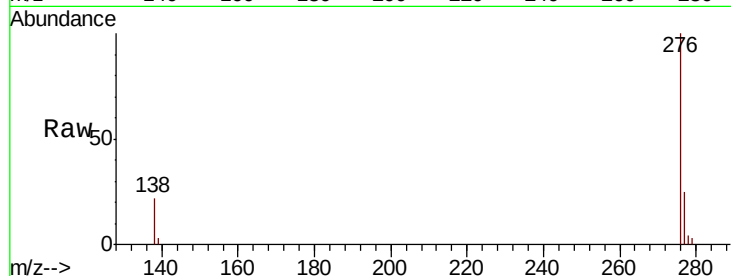
Tot Ion: 276 Resp: 23097

Ion Ratio Lower Upper

276 100

277 25.0 19.7 29.5

138 21.6 15.9 23.9



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

