

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091019\
 Data File : BN007572.D
 Acq On : 10 Sep 2019 12:29
 Operator : HP/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 10 14:24:46 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	4874	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	20504	0.40	ng	0.00
13) Acenaphthene-d10	14.35	164	11845	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	29322	0.40	ng	0.00
27) Chrysene-d12	21.29	240	30251	0.40	ng	0.00
34) Perylene-d12	23.52	264	32461	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	2122	0.12	ng	0.00
5) Phenol-d6	6.90	99	3377	0.14	ng	0.00
8) Nitrobenzene-d5	8.86	82	1281	0.07	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	3540	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	504	0.08	ng	0.00
15) 2-Fluorobiphenyl	12.98	172	5027	0.11	ng	0.00
25) Fluoranthene-d10	19.13	212	9529	0.10	ng	0.00
29) Terphenyl-d14	19.74	244	8368	0.11	ng	0.00

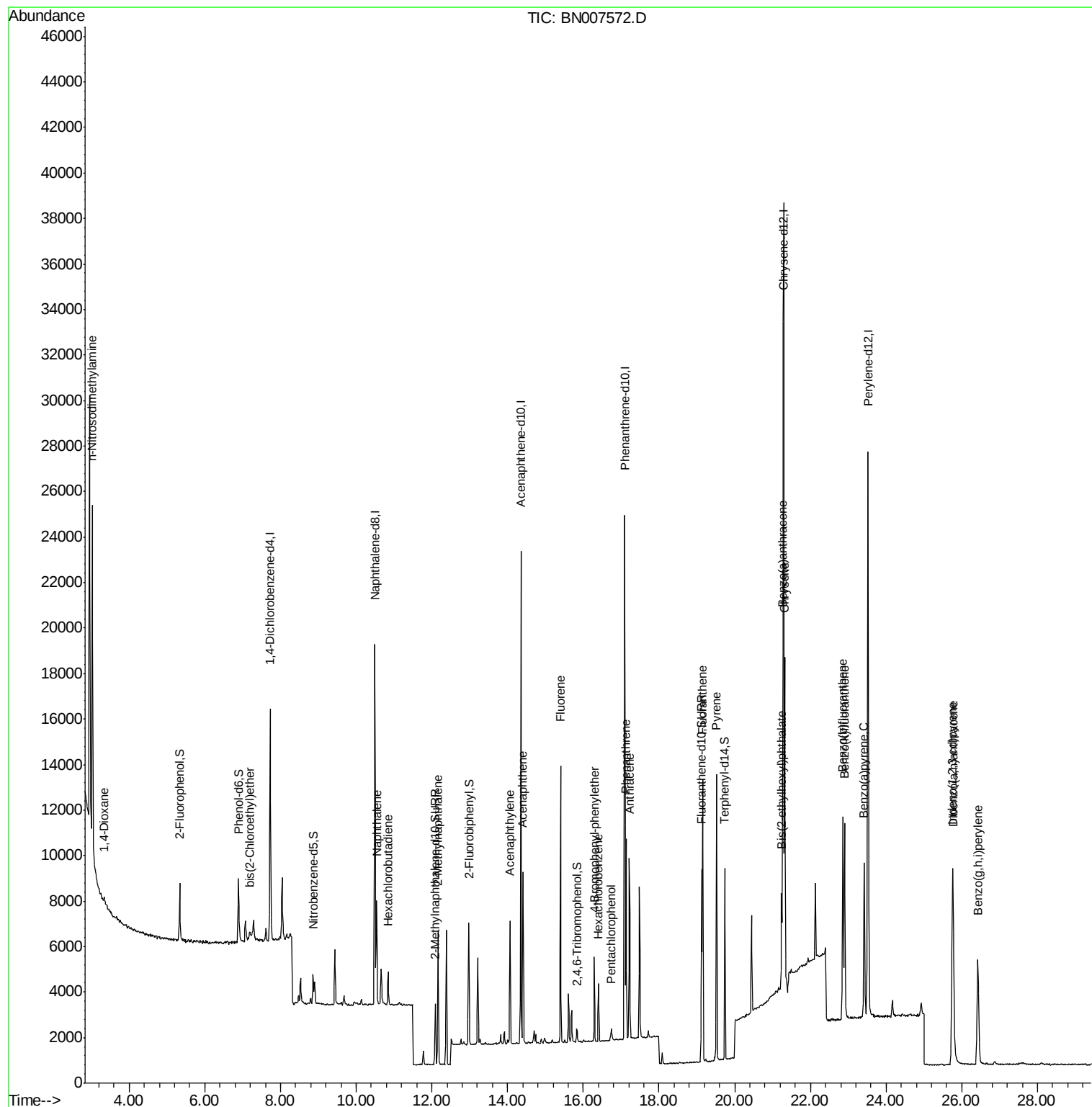
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	544	0.067	ng	# 63
3) n-Nitrosodimethylamine	3.03	42	1569	0.417	ng	# 100
6) bis(2-Chloroethyl)ether	7.19	93	617	0.035	ng	91
9) Naphthalene	10.54	128	5818	0.099	ng	96
10) Hexachlorobutadiene	10.85	225	1187	0.099	ng	# 98
12) 2-Methylnaphthalene	12.16	142	4077	0.102	ng	97
16) Acenaphthylene	14.06	152	6365	0.091	ng	100
17) Acenaphthene	14.40	154	4024	0.098	ng	100
18) Fluorene	15.39	166	5374	0.104	ng	99
20) 4-Bromophenyl-phenylether	16.29	248	1731	0.150	ng	96
21) Hexachlorobenzene	16.40	284	1827	0.093	ng	96
22) Pentachlorophenol	16.74	266	302	0.049	ng	# 87
23) Phenanthrene	17.13	178	9174	0.104	ng	99
24) Anthracene	17.22	178	8214	0.093	ng	100
26) Fluoranthene	19.16	202	11053	0.098	ng	100
28) Pyrene	19.52	202	11461	0.094	ng	100
30) Benzo(a)anthracene	21.27	228	10899	0.092	ng	98
31) Chrysene	21.32	228	11245	0.098	ng	99
32) Bis(2-ethylhexyl)phthalate	21.24	149	4072	0.046	ng	97
33) Indeno(1,2,3-cd)pyrene	25.75	276	11883	0.086	ng	# 100
35) Benzo(b)fluoranthene	22.85	252	11186	0.095	ng	# 92
36) Benzo(k)fluoranthene	22.90	252	10719	0.092	ng	# 91
37) Benzo(a)pyrene	23.42	252	9723	0.087	ng	# 88
38) Dibenzo(a,h)anthracene	25.77	278	9664	0.087	ng	# 91
39) Benzo(g,h,i)perylene	26.42	276	10050	0.090	ng	# 93

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091019\
Data File : BN007572.D
Acq On : 10 Sep 2019 12:29
Operator : HP/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :

Quant Time: Sep 10 14:24:46 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



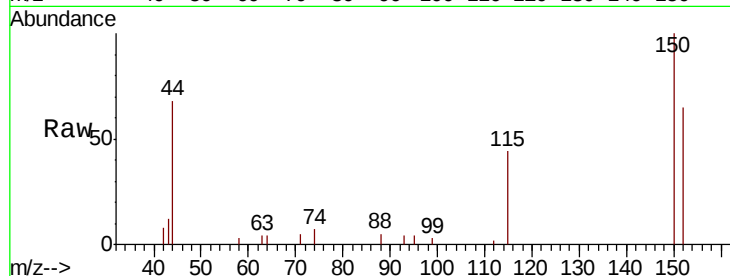


#1

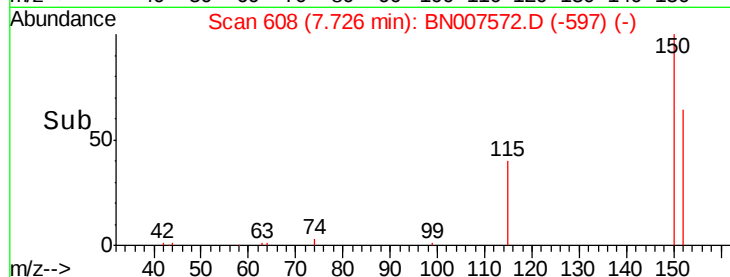
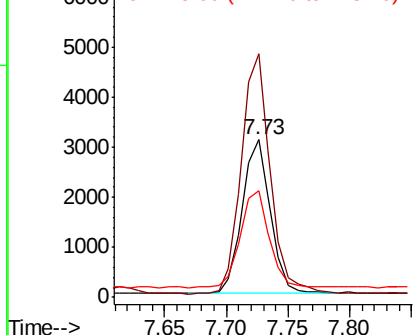
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.01 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4874
Ion Ratio Lower Upper
152 100
150 154.8 119.5 179.3
115 68.1 53.0 79.6



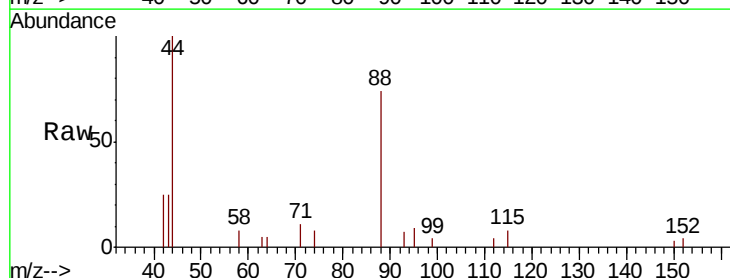
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



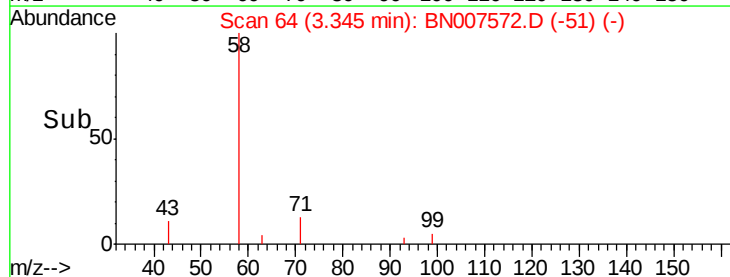
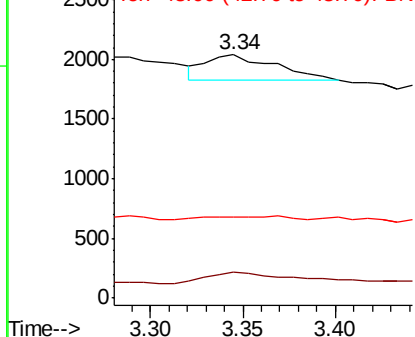
#2

1,4-Dioxane
Concen: 0.067 ng
RT: 3.34 min Scan# 64
Delta R.T. 0.01 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Tgt Ion: 88 Resp: 544
Ion Ratio Lower Upper
88 100
58 51.5 64.6 96.8#
43 0.0 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: 0.417 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

Instrument :

BNA_N

ClientSampleId :

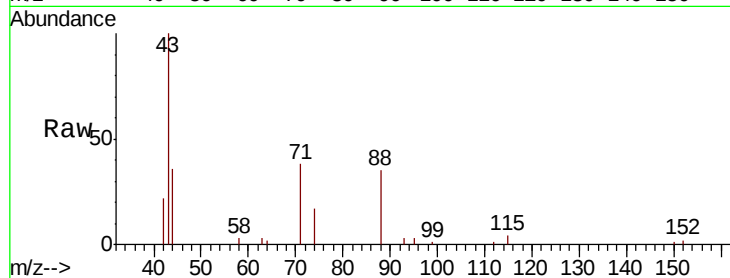
Tot Ion: 42 Resp: 1569

Ion Ratio Lower Upper

42 100

74 115.9 0.0 0.0#

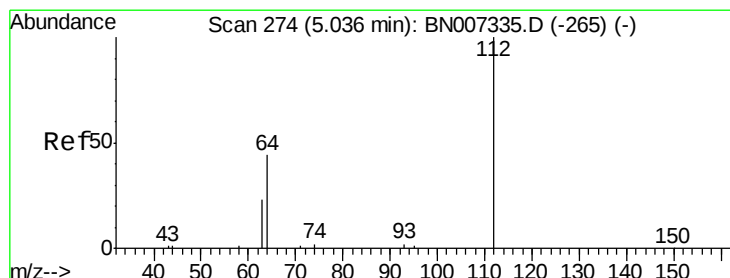
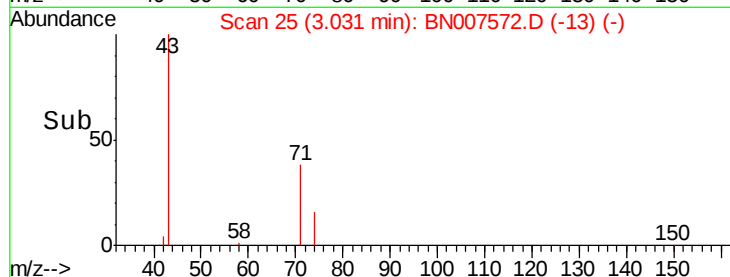
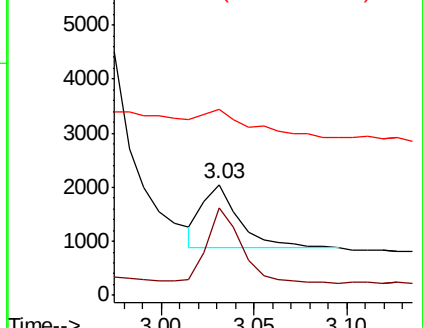
44 61.6 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.117 ng

RT: 5.33 min Scan# 311

Delta R.T. -0.01 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

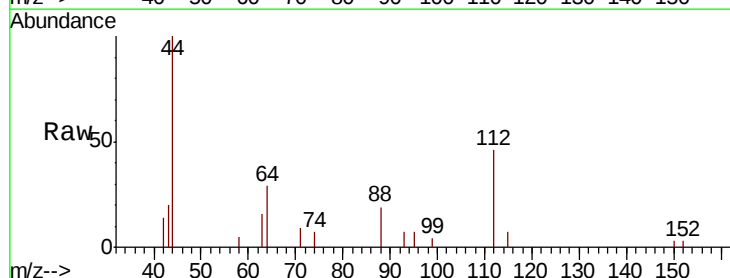
Tgt Ion: 112 Resp: 2122

Ion Ratio Lower Upper

112 100

64 59.7 49.2 73.8

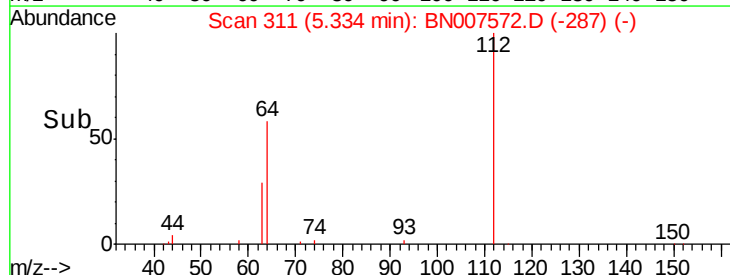
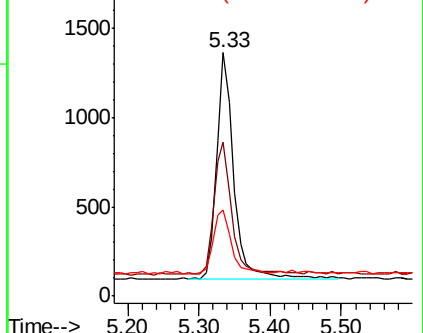
63 29.9 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.142 ng

RT: 6.90 min Scan# 505

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

Instrument :

BNA_N

ClientSampleId :

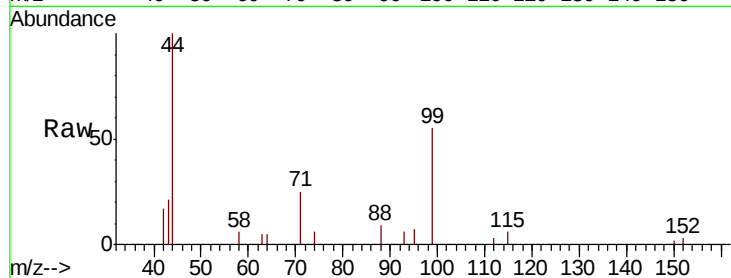
Tot Ion: 99 Resp: 3377

Ion Ratio Lower Upper

99 100

42 16.8 11.8 17.8

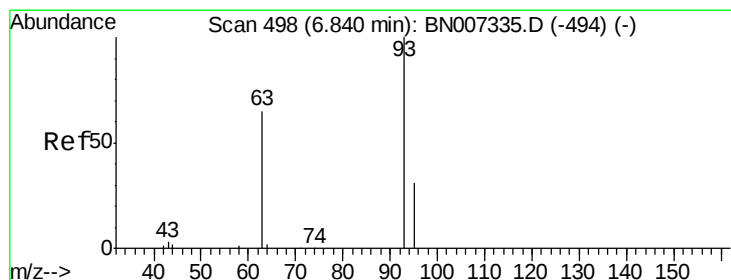
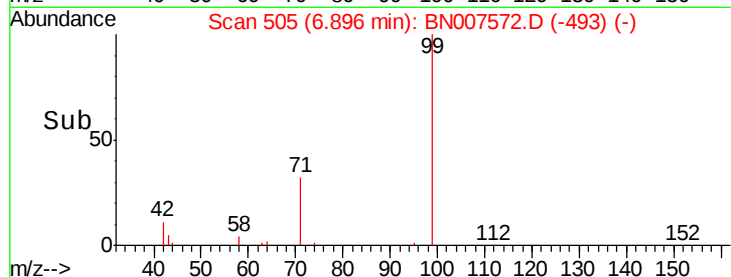
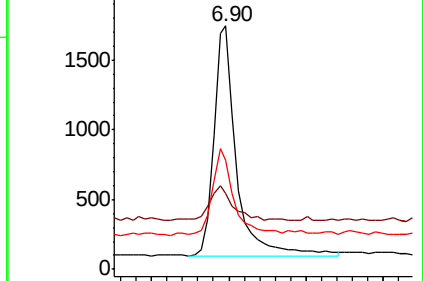
71 35.1 28.8 43.2



Abundance Ion 99.00 (98.70 to 99.70): BN007572.D (-505) (-)

Ion 42.00 (41.70 to 42.70): BN007572.D (-505) (-)

Ion 71.00 (70.70 to 71.70): BN007572.D (-505) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.035 ng

RT: 7.19 min Scan# 541

Delta R.T. -0.01 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

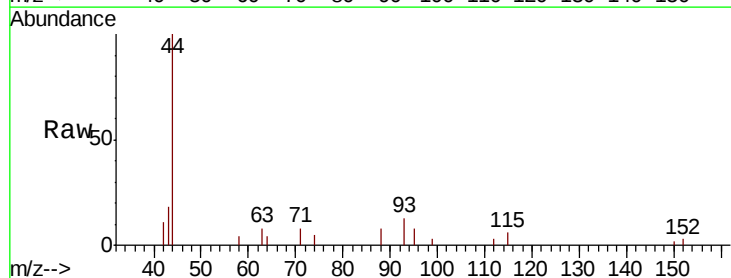
Tgt Ion: 93 Resp: 617

Ion Ratio Lower Upper

93 100

63 81.7 69.8 104.6

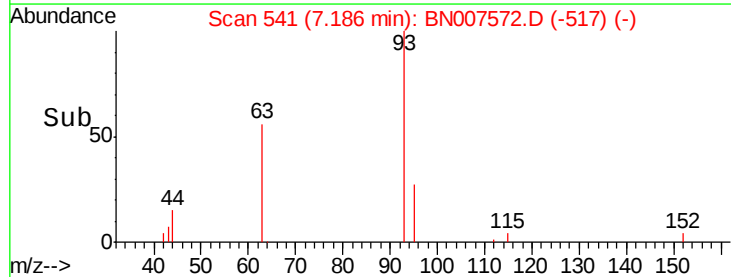
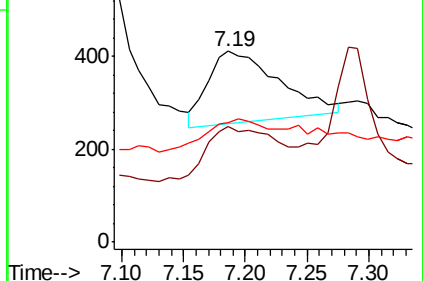
95 43.9 42.8 64.2

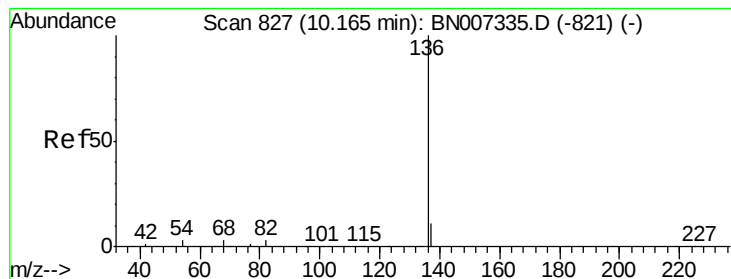


Abundance Ion 93.00 (92.70 to 93.70): BN007572.D (-541) (-)

Ion 63.00 (62.70 to 63.70): BN007572.D (-541) (-)

Ion 95.00 (94.70 to 95.70): BN007572.D (-541) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 20504

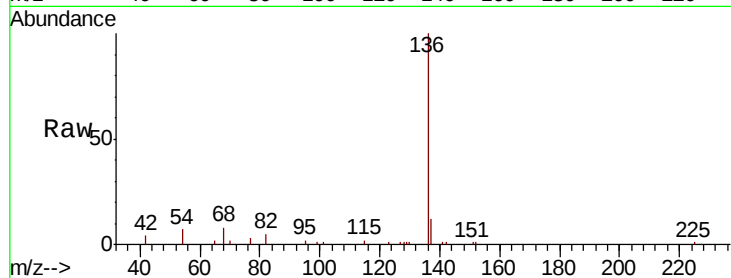
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 7.4 7.5 11.3#

68 8.1 7.9 11.9

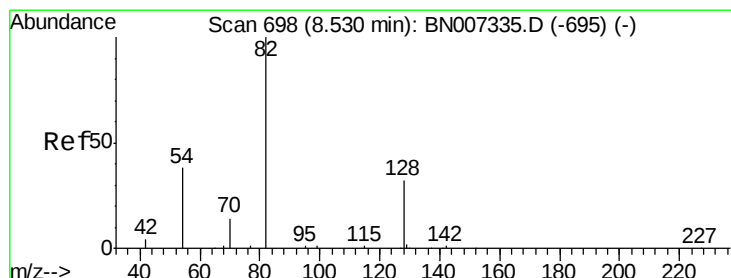
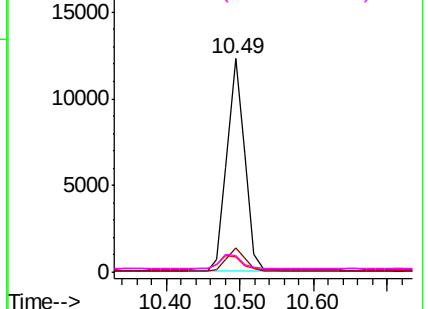
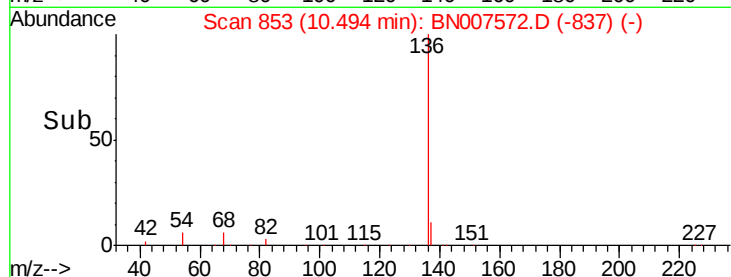


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.072 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

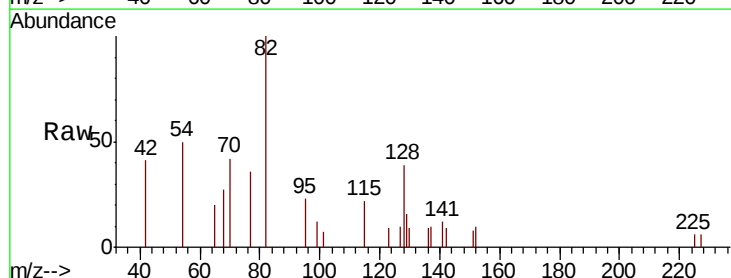
Tgt Ion: 82 Resp: 1281

Ion Ratio Lower Upper

82 100

128 38.6 23.4 35.2#

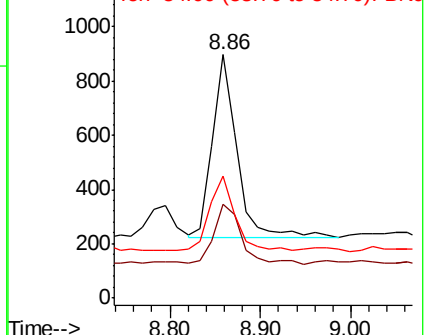
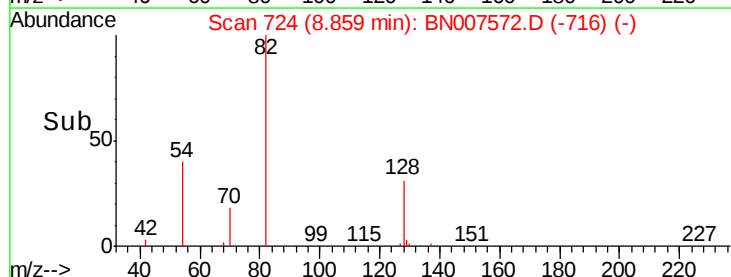
54 50.2 38.2 57.2

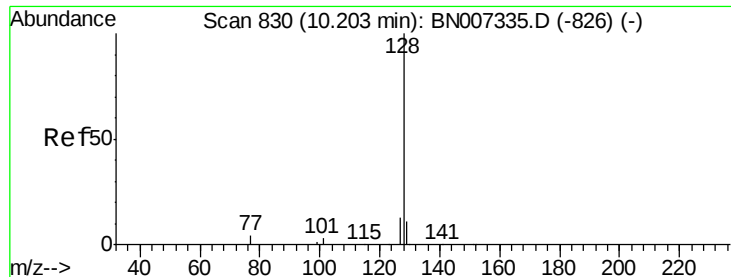


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.099 ng

RT: 10.54 min Scan# 857

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

Instrument :

BNA_N

ClientSampleId :

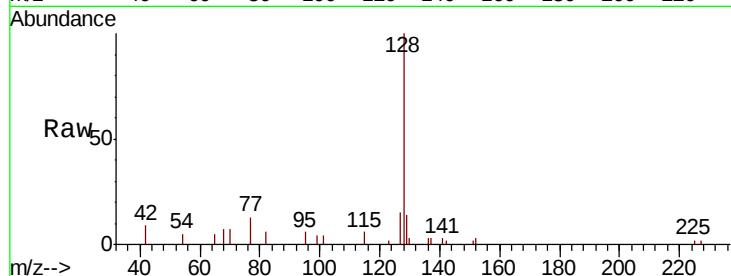
Tot Ion:128 Resp: 5818

Ion Ratio Lower Upper

128 100

129 13.7 9.3 13.9

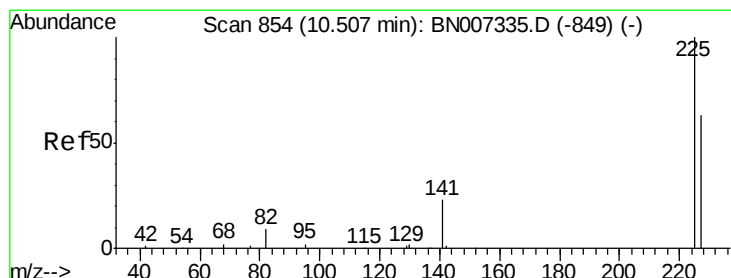
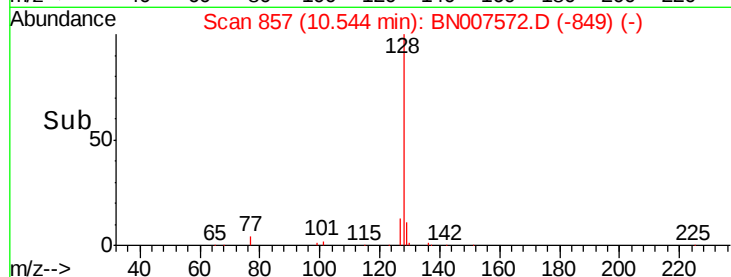
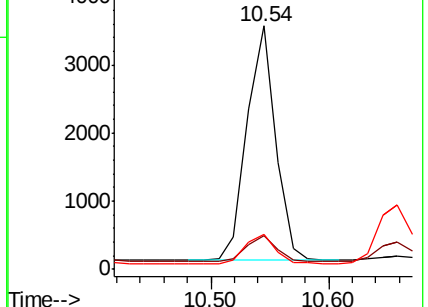
127 14.6 11.0 16.4



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: 0.099 ng

RT: 10.85 min Scan# 881

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

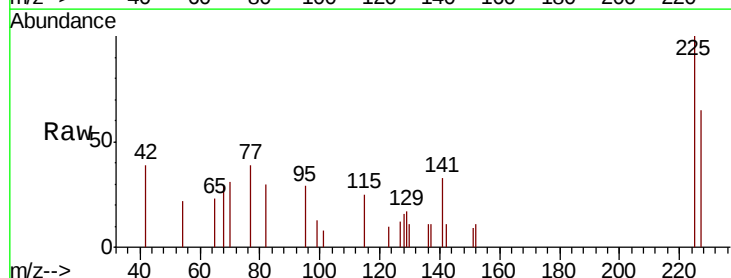
Tgt Ion:225 Resp: 1187

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

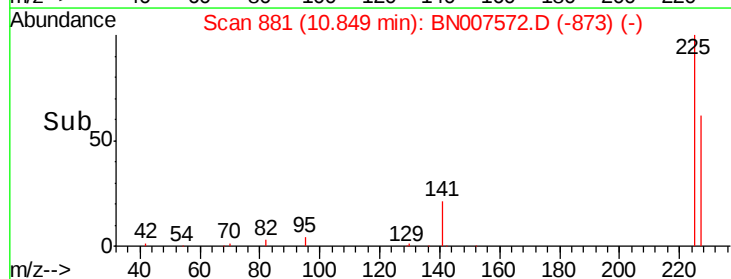
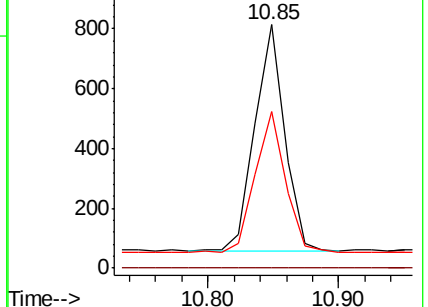
227 64.4 50.4 75.6



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: 0.104 ng

RT: 12.09 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

Instrument :

BNA_N

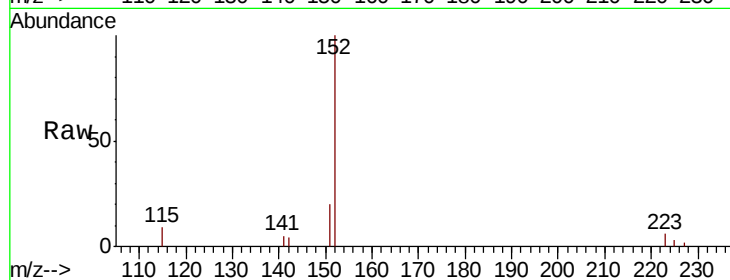
ClientSampleId :

Tot Ion:152 Resp: 3540

Ion Ratio Lower Upper

152 100

151 19.5 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

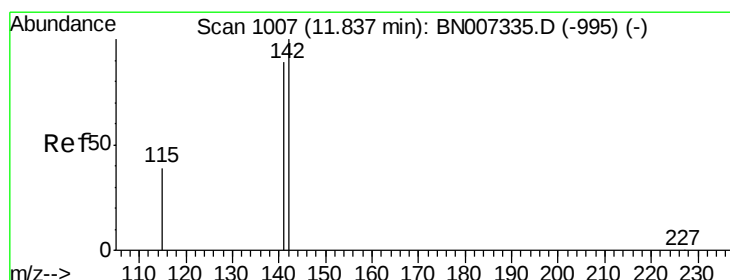
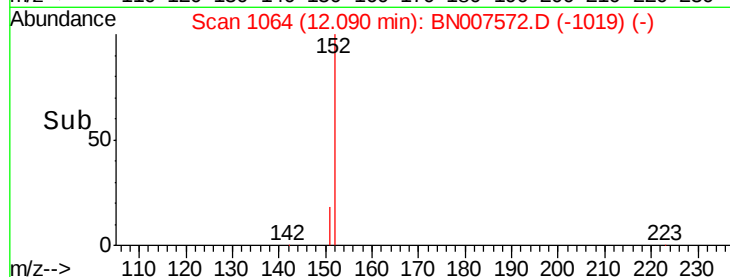
1500

1000

500

0

Time--> 12.00 12.10



#12

2-Methylnaphthalene

Concen: 0.102 ng

RT: 12.16 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

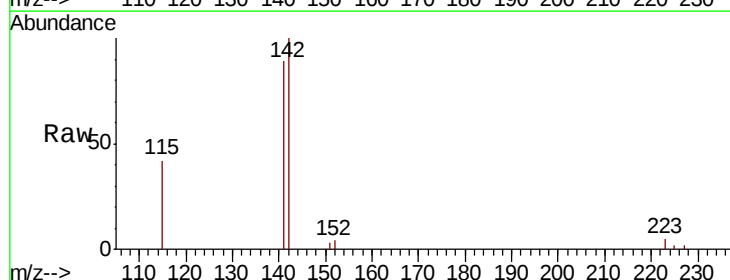
Tgt Ion:142 Resp: 4077

Ion Ratio Lower Upper

142 100

141 89.1 71.0 106.6

115 41.8 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

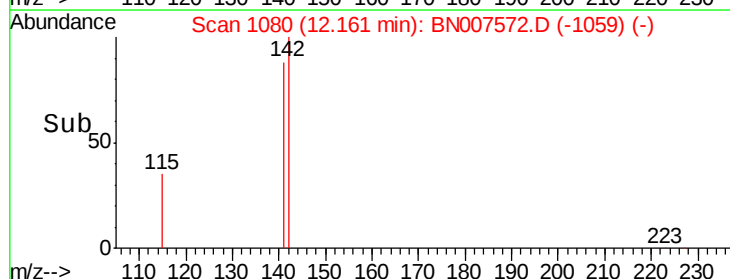
3000

2000

1000

0

Time--> 12.10 12.15 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.35 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

Instrument :

BNA_N

ClientSampled :

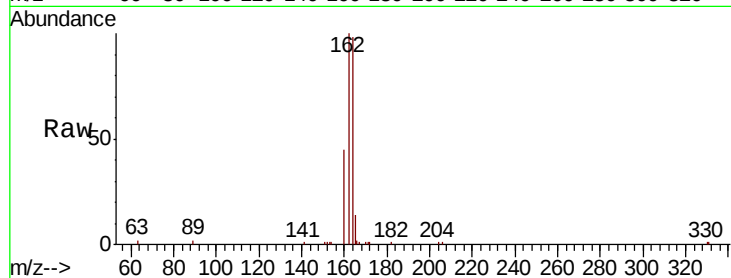
Tot Ion:164 Resp: 11845

Ion Ratio Lower Upper

164 100

162 102.2 82.2 123.2

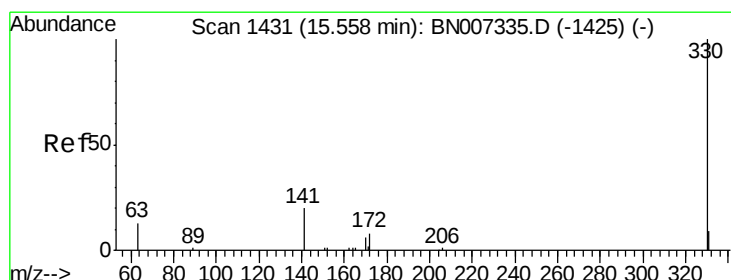
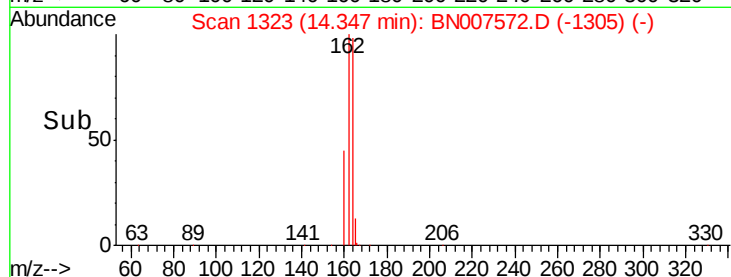
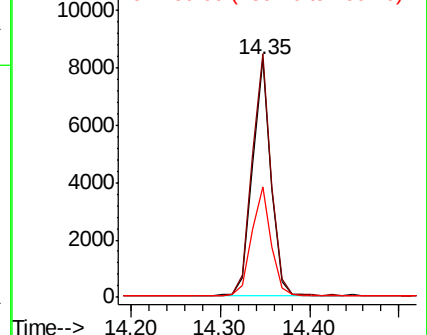
160 46.2 37.4 56.0



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: 0.081 ng

RT: 15.84 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

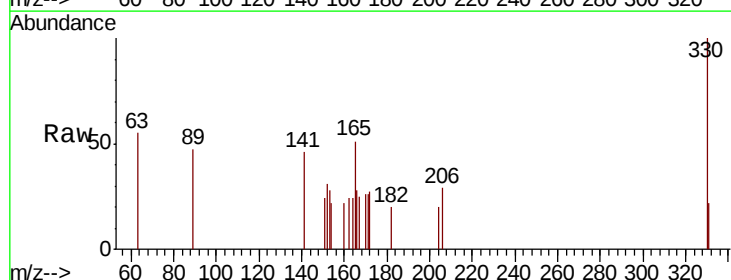
Tgt Ion:330 Resp: 504

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

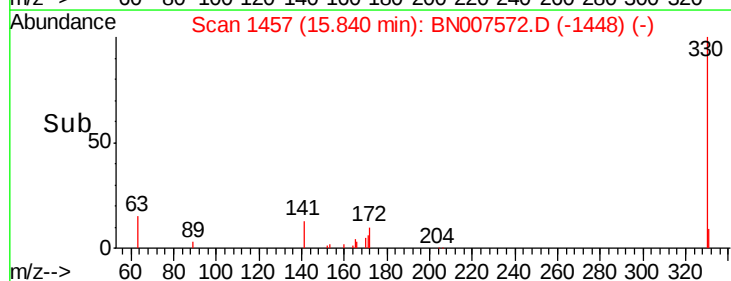
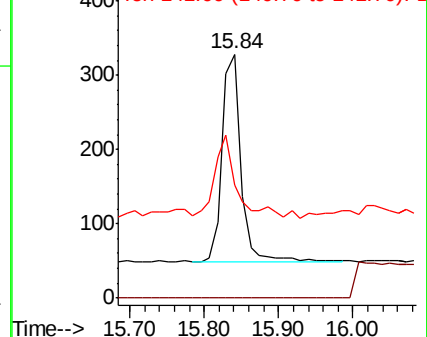
141 42.7 30.6 45.8



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

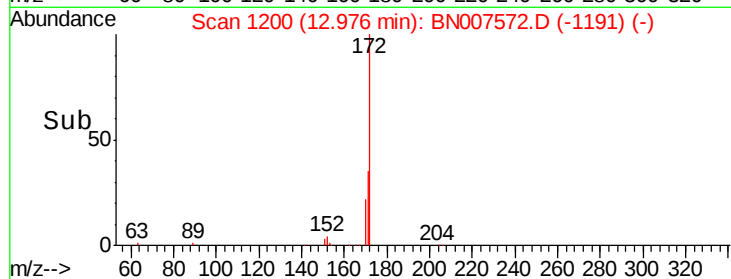
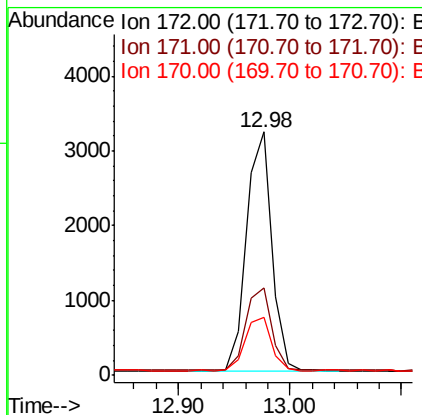
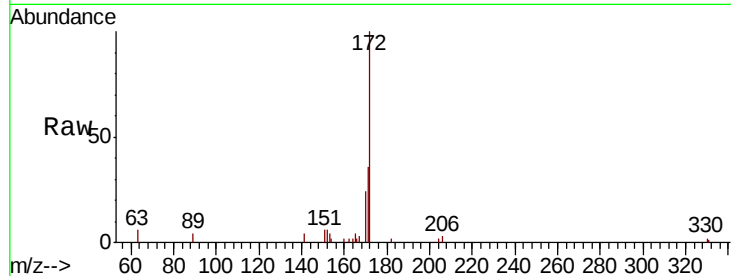




#15
2-Fluorobiphenyl
Concen: 0.105 ng
RT: 12.98 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

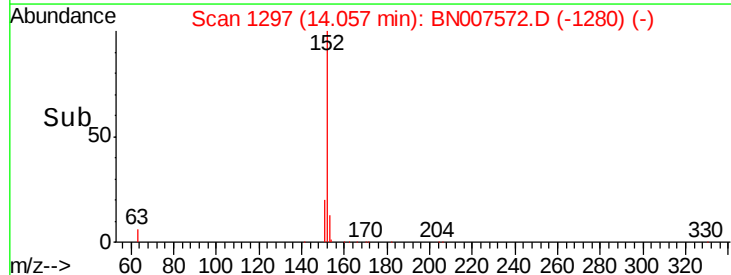
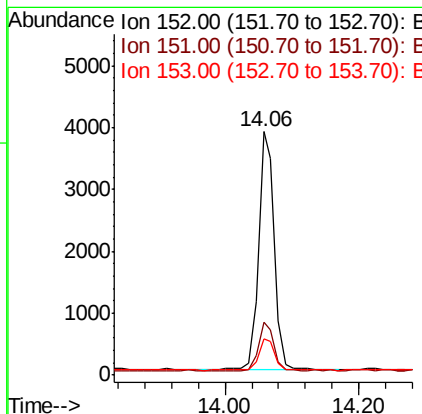
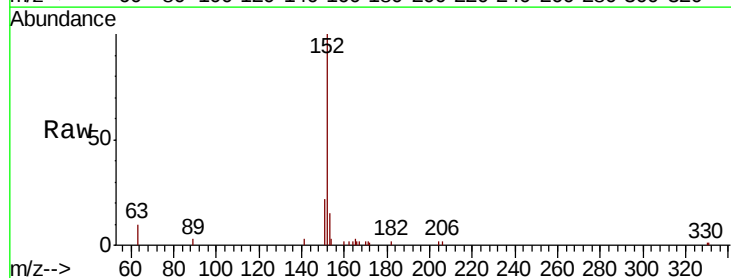
Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 5027
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 23.6 18.3 27.5



#16
Acenaphthylene
Concen: 0.091 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Tgt Ion:152 Resp: 6365
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.3 10.4 15.6





#17

Acenaphthene

Concen: 0.098 ng

RT: 14.40 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

Instrument :

BNA_N

ClientSampleId :

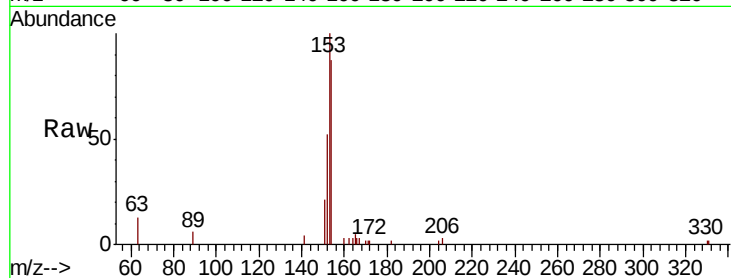
Tot Ion:154 Resp: 4024

Ion Ratio Lower Upper

154 100

153 112.0 89.4 134.2

152 54.2 43.4 65.0

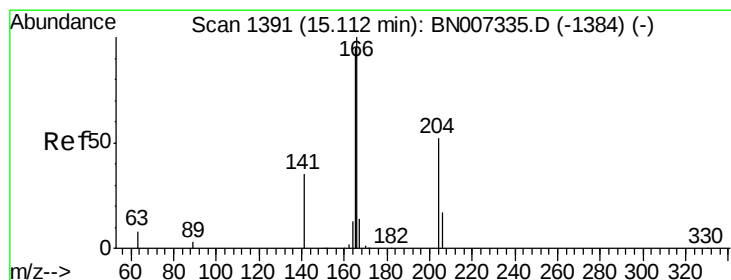
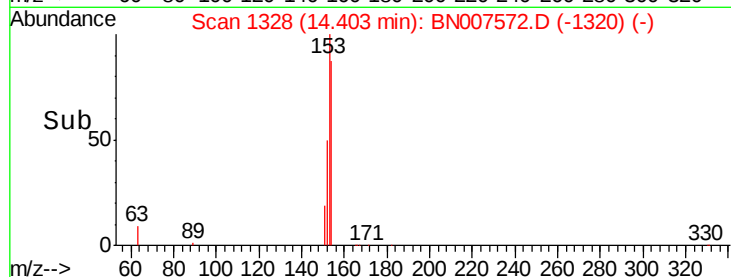
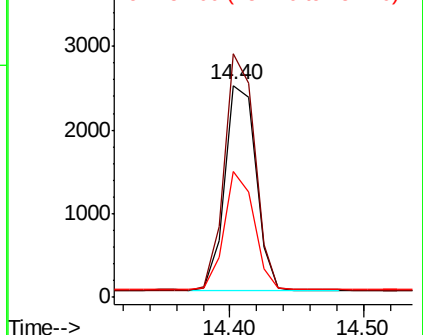


Abundance

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: 0.104 ng

RT: 15.39 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

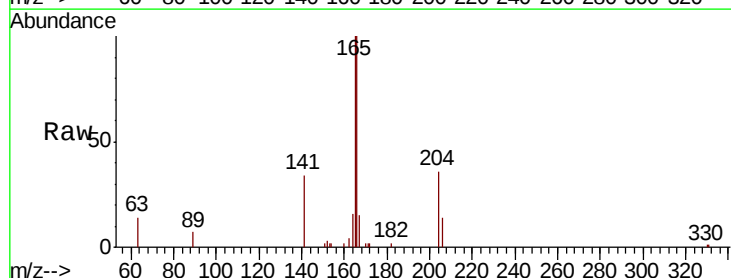
Tgt Ion:166 Resp: 5374

Ion Ratio Lower Upper

166 100

165 96.6 77.8 116.6

167 13.6 11.0 16.4

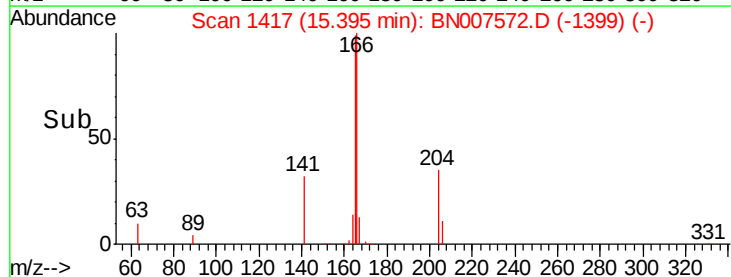
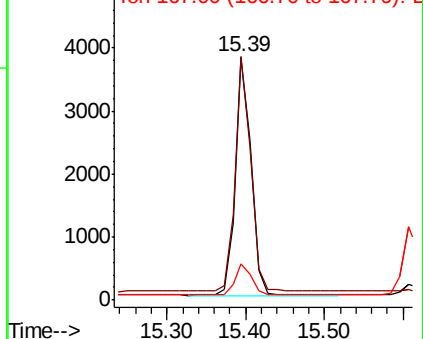


Abundance

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: BN007572.D

Acq: 10 Sep 2019 12:29

Instrument :

BNA_N

ClientSampleId :

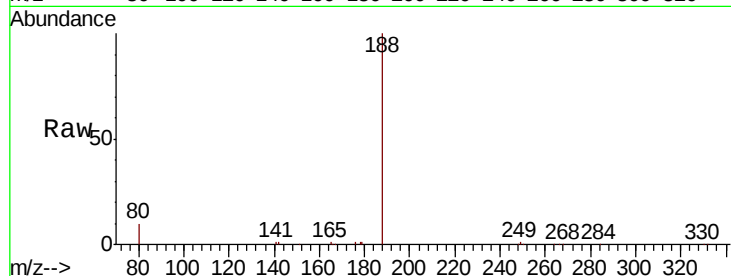
Tot Ion:188 Resp: 29322

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

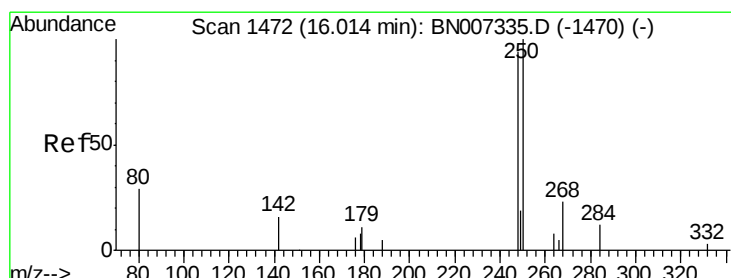
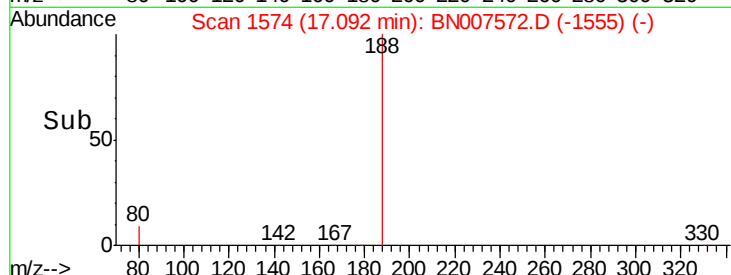
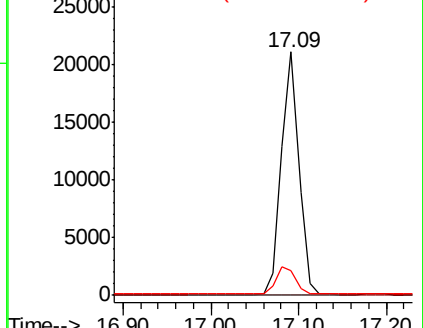
80 10.0 8.1 12.1



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: 0.150 ng

RT: 16.29 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

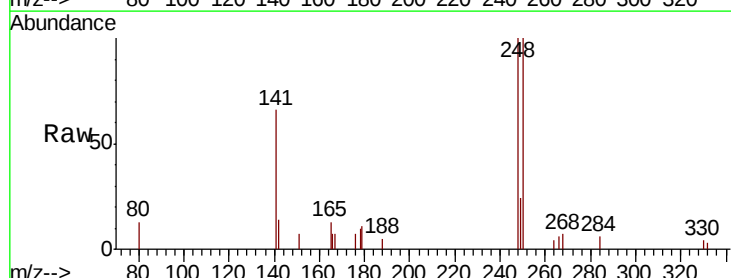
Tgt Ion:248 Resp: 1731

Ion Ratio Lower Upper

248 100

250 100.0 78.9 118.3

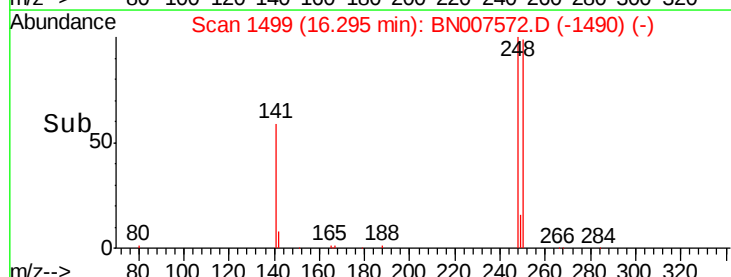
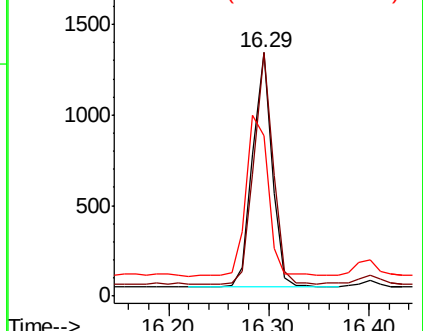
141 66.1 48.3 72.5



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: 0.093 ng

RT: 16.40 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

Instrument :

BNA_N

ClientSampleId :

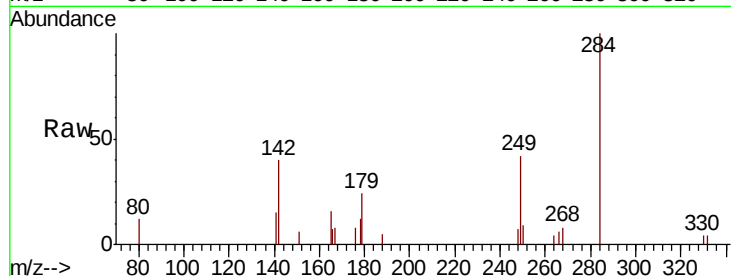
Tot Ion:284 Resp: 1827

Ion Ratio Lower Upper

284 100

142 37.1 27.9 41.9

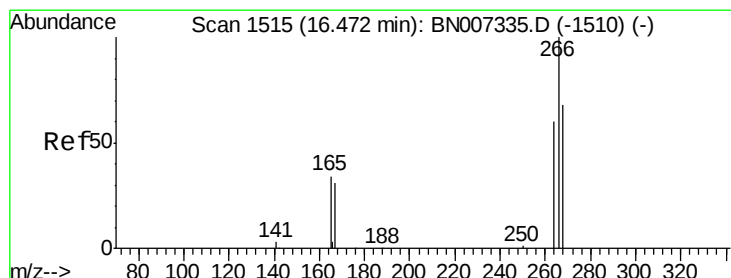
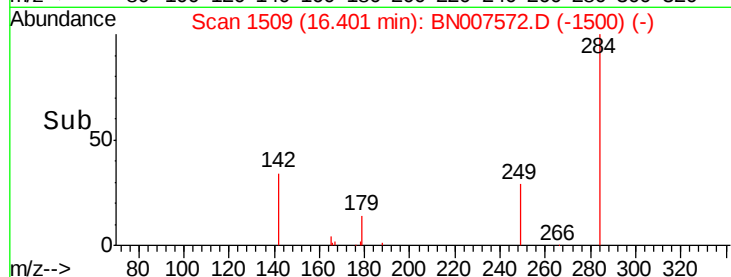
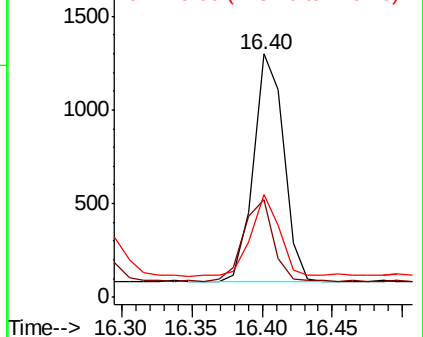
249 34.8 26.0 39.0



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: 0.049 ng

RT: 16.74 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

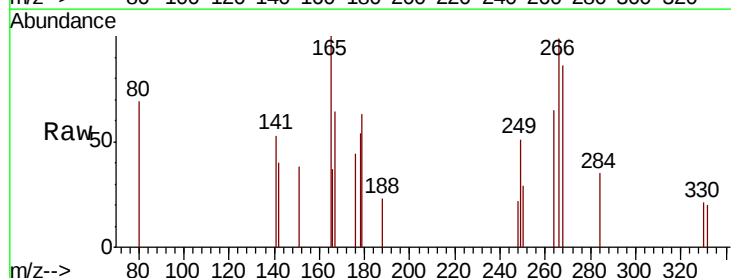
Tgt Ion:266 Resp: 302

Ion Ratio Lower Upper

266 100

264 65.7 52.0 78.0

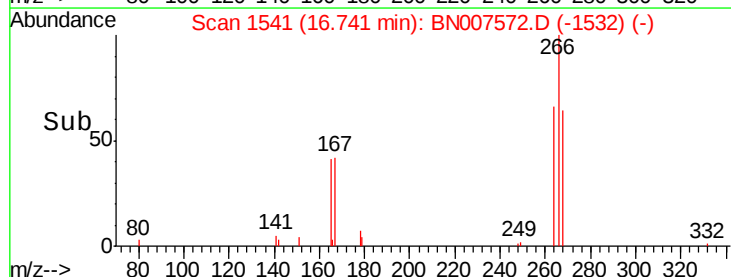
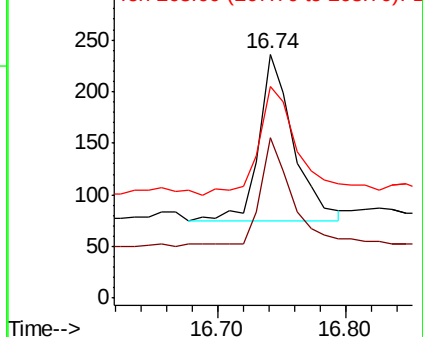
268 86.9 53.5 80.3#



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: 0.104 ng

RT: 17.13 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

Instrument :

BNA_N

ClientSampleId :

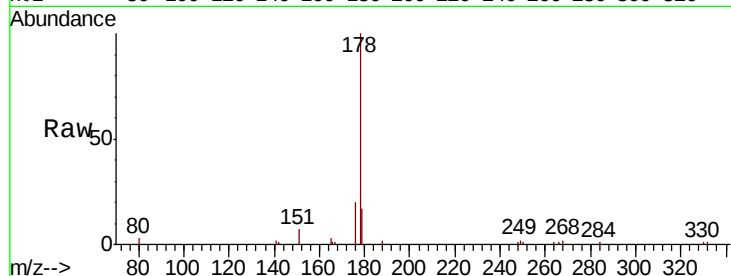
Tot Ion:178 Resp: 9174

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

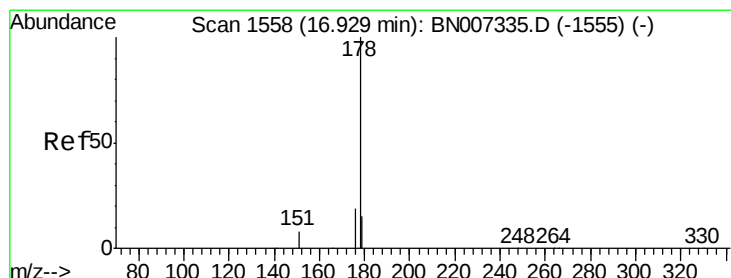
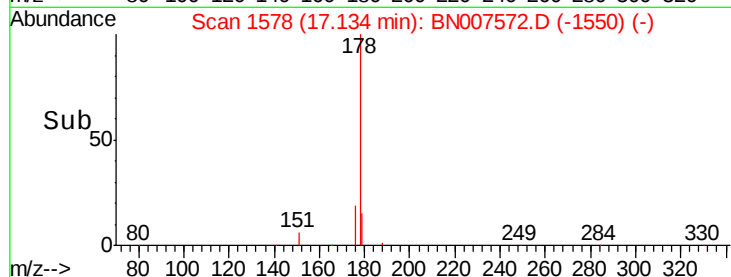
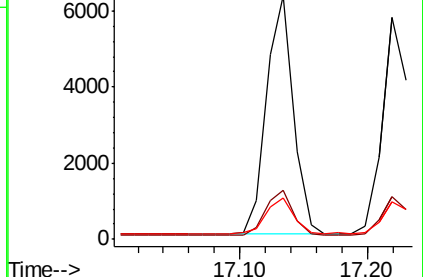
179 15.9 12.2 18.2



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: 0.093 ng

RT: 17.22 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

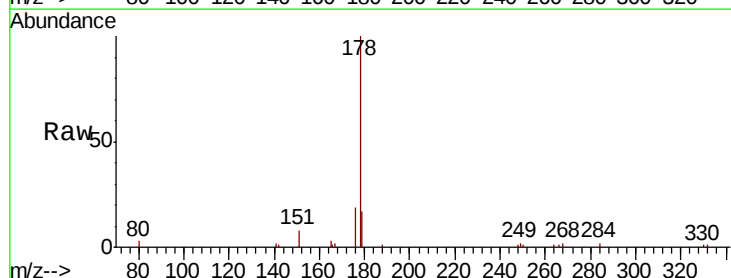
Tgt Ion:178 Resp: 8214

Ion Ratio Lower Upper

178 100

176 17.8 14.4 21.6

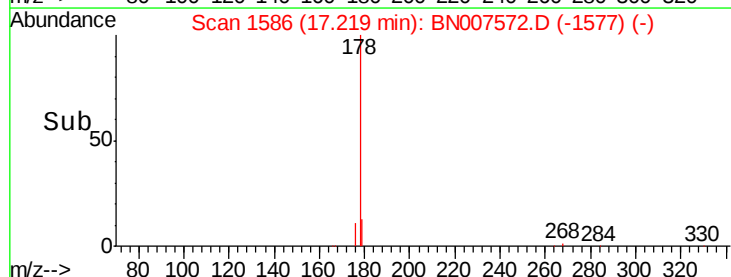
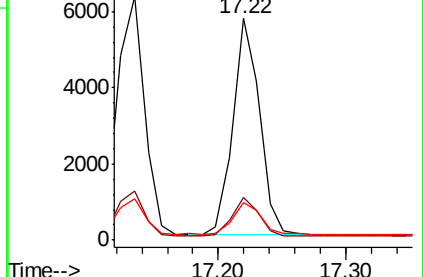
179 15.7 12.5 18.7

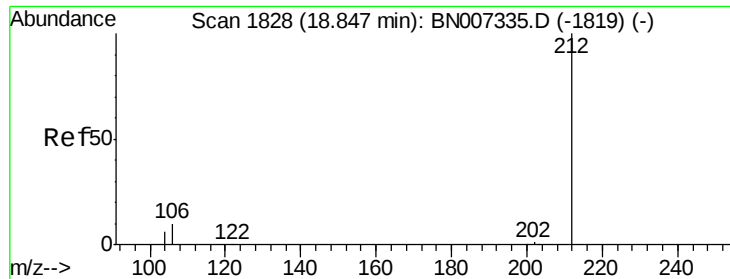


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.101 ng

RT: 19.13 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

Instrument :

BNA_N

ClientSampleId :

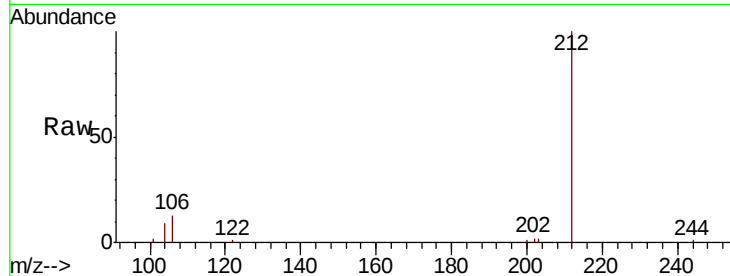
Tot Ion:212 Resp: 9529

Ion Ratio Lower Upper

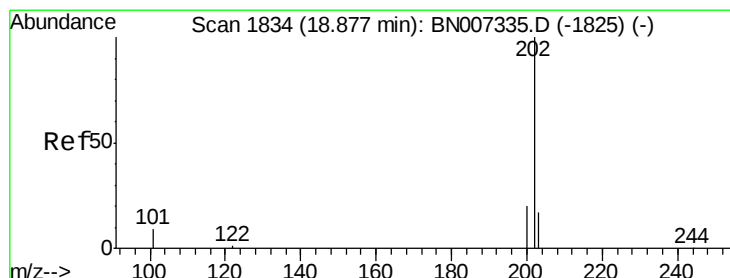
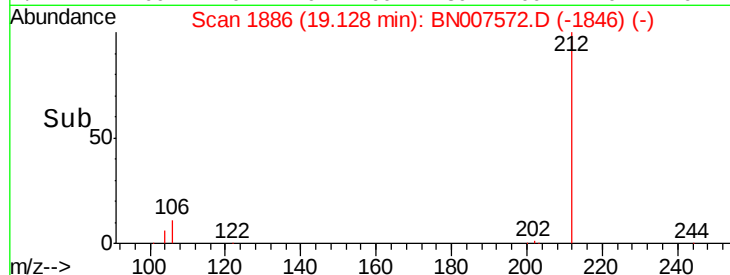
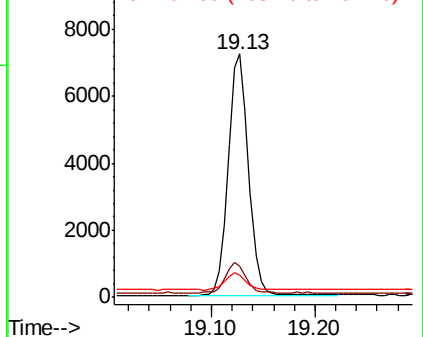
212 100

106 12.4 9.7 14.5

104 7.7 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: 0.098 ng

RT: 19.16 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

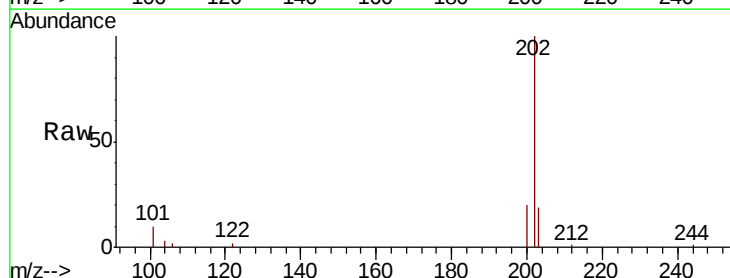
Tgt Ion:202 Resp: 11053

Ion Ratio Lower Upper

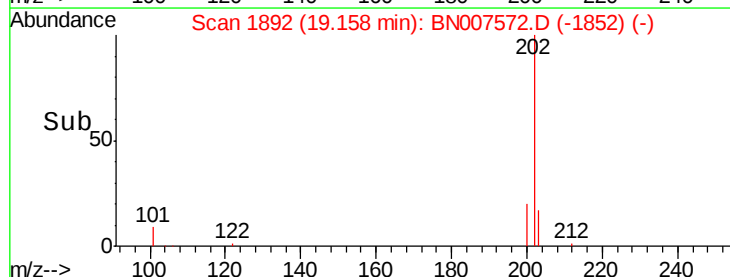
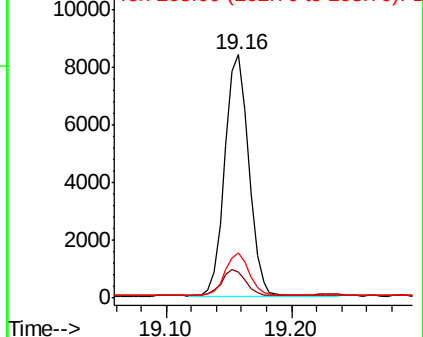
202 100

101 11.0 8.8 13.2

203 17.2 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: BN007572.D

Acq: 10 Sep 2019 12:29

Instrument :

BNA_N

ClientSampleId :

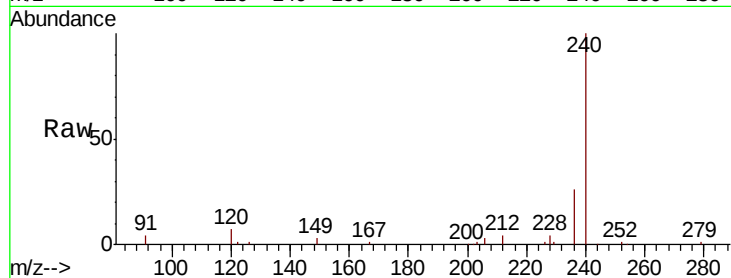
Tot Ion:240 Resp: 30251

Ion Ratio Lower Upper

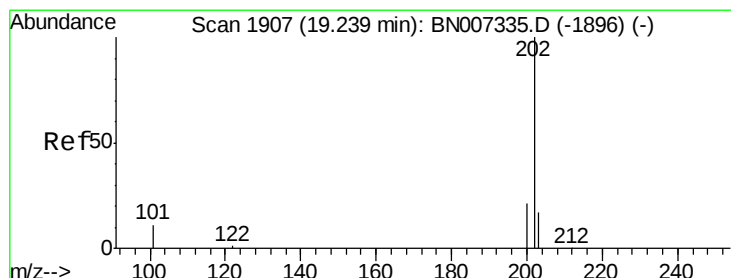
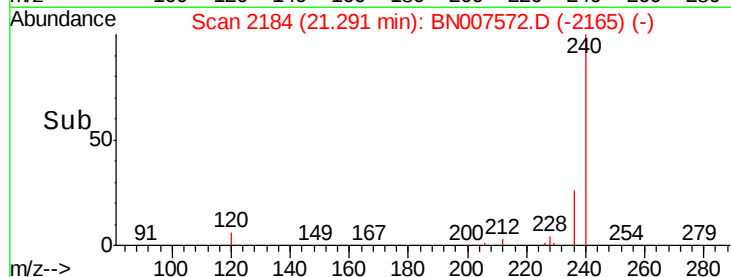
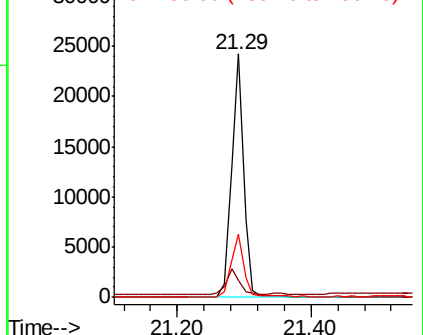
240 100

120 7.0 5.0 7.4

236 26.2 20.6 31.0



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: 0.094 ng

RT: 19.52 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

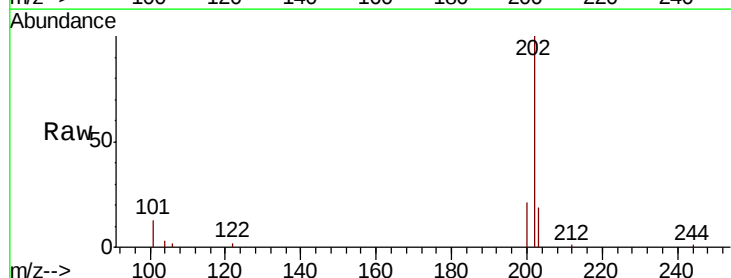
Tgt Ion:202 Resp: 11461

Ion Ratio Lower Upper

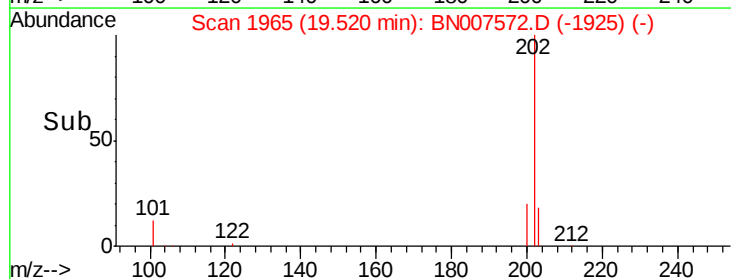
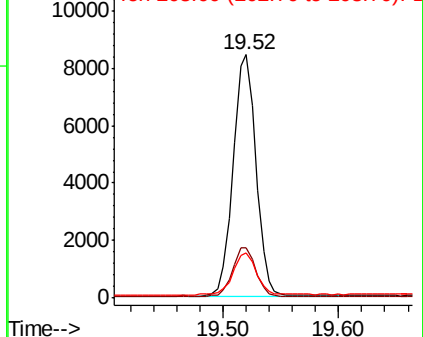
202 100

200 20.3 16.3 24.5

203 17.6 14.1 21.1



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: 0.106 ng

RT: 19.74 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

Instrument :

BNA_N

ClientSampleId :

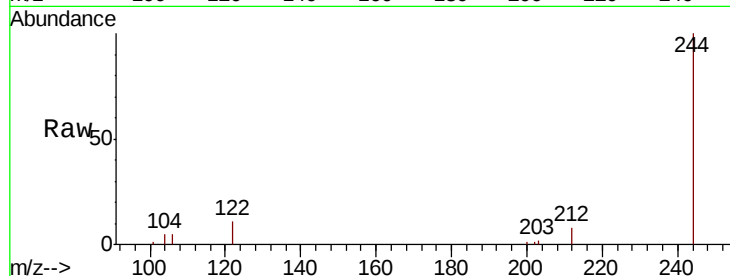
Tot Ion:244 Resp: 8368

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

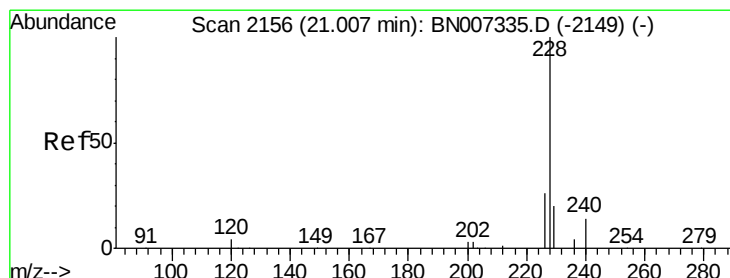
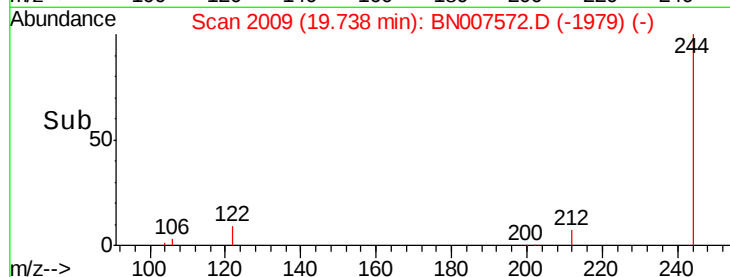
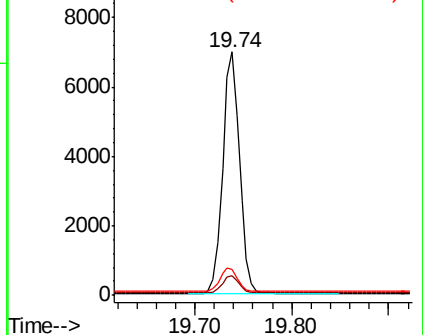
122 10.8 7.8 11.6



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: 0.092 ng

RT: 21.27 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

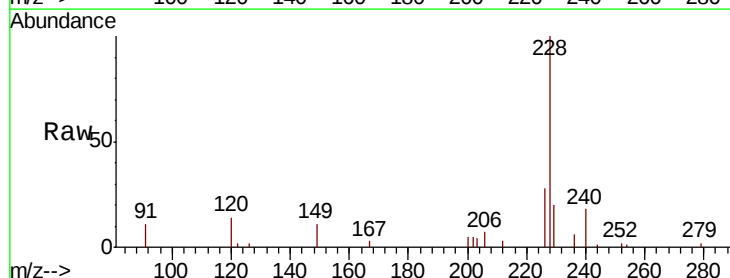
Tgt Ion:228 Resp: 10899

Ion Ratio Lower Upper

228 100

226 28.5 21.6 32.4

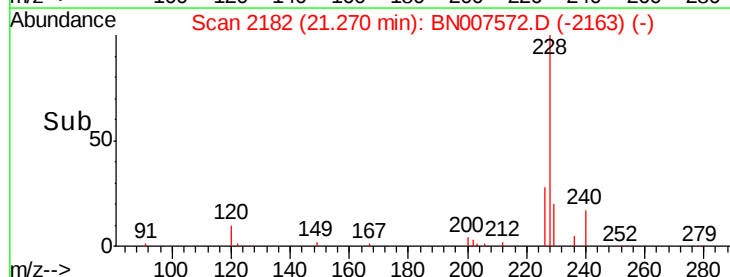
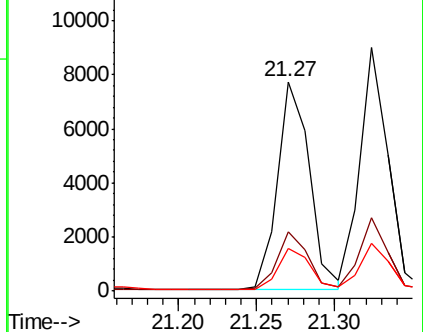
229 20.2 15.7 23.5



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: 0.098 ng

RT: 21.32 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

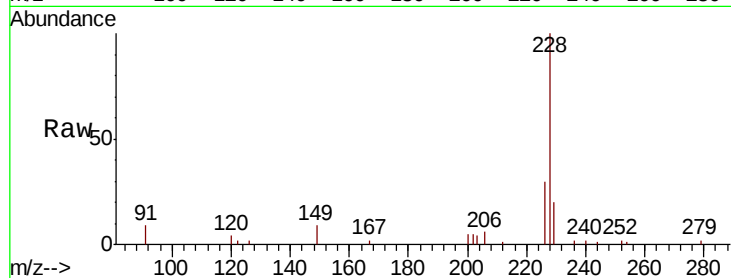
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 11245

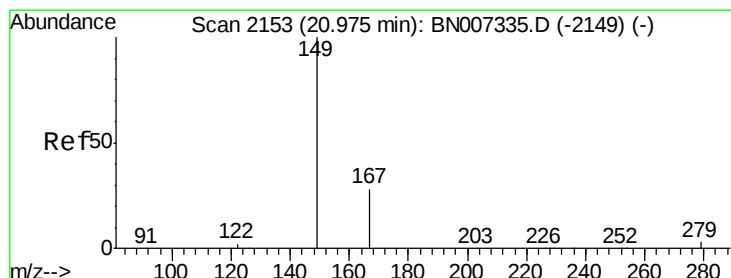
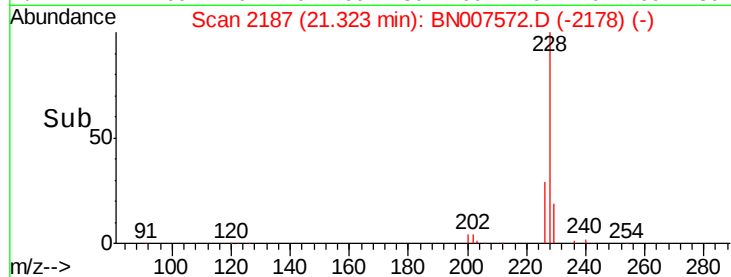
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	19.7	15.7	23.5



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.046 ng

RT: 21.24 min Scan# 2179

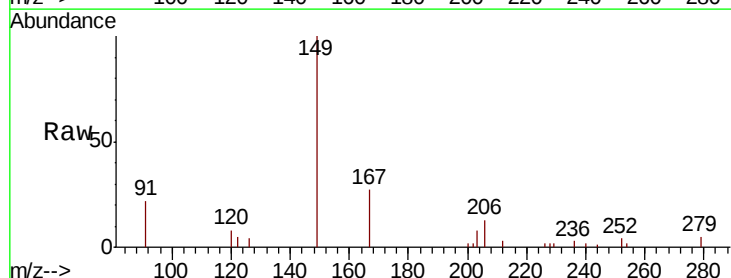
Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

Tgt Ion:149 Resp: 4072

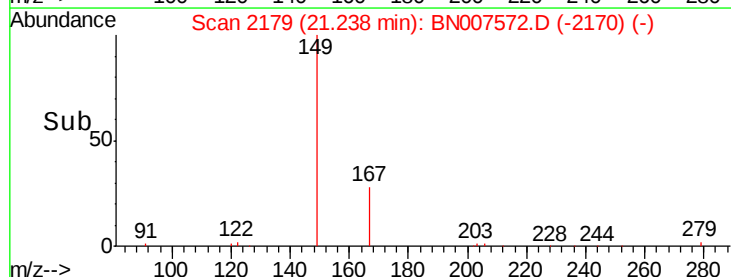
Ion	Ratio	Lower	Upper
149	100		
167	29.5	22.1	33.1
279	5.2	3.9	5.9



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

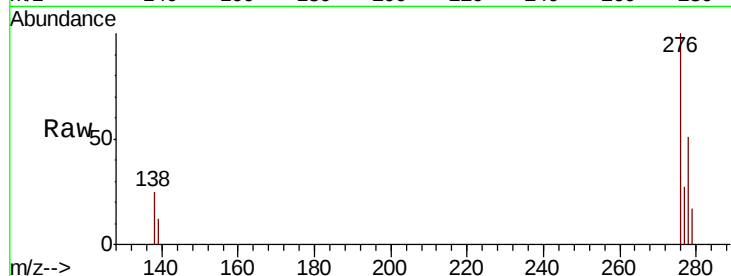




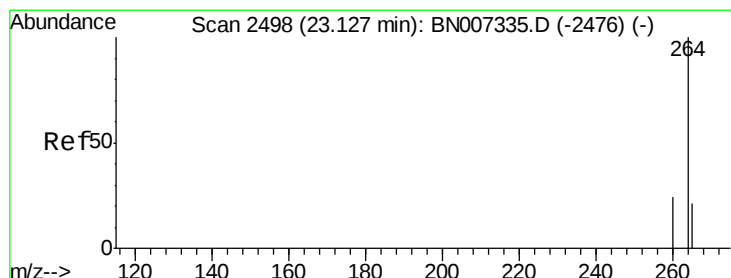
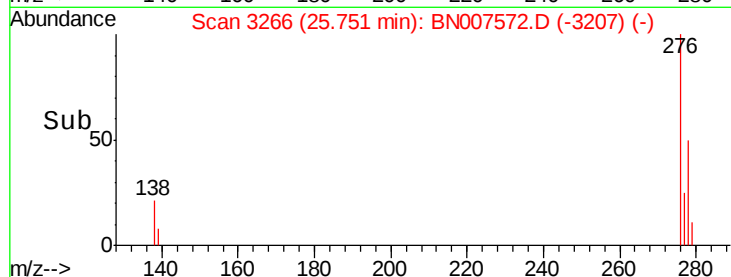
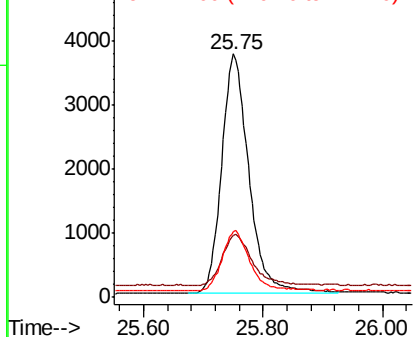
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.086 ng
 RT: 25.75 min Scan# 3266
 Delta R.T. 0.00 min
 Lab File: BN007572.D
 Acq: 10 Sep 2019 12:29

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 11883
 Ion Ratio Lower Upper
 276 100
 138 23.7 0.0 0.0#
 277 24.8 0.0 0.0#

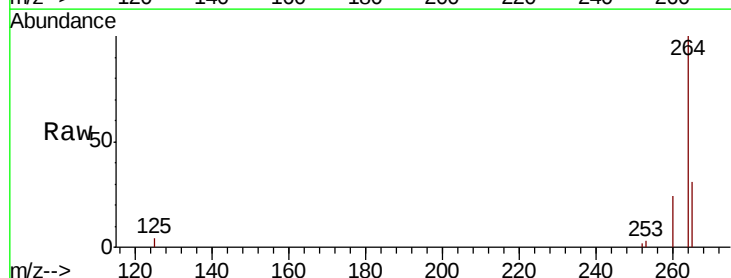


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

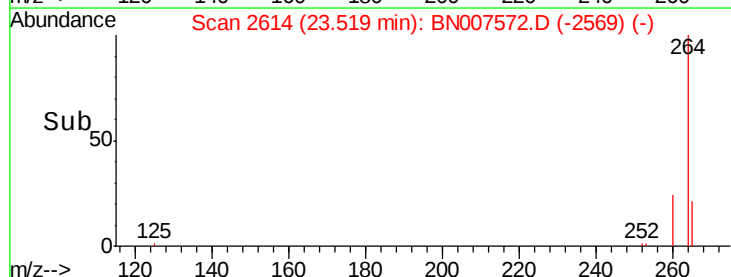
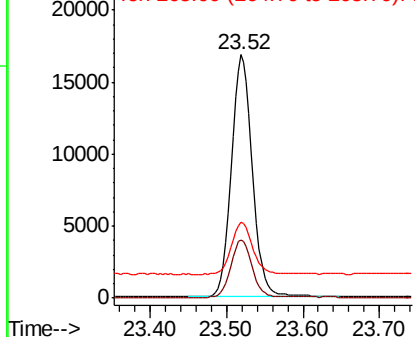


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.52 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BN007572.D
 Acq: 10 Sep 2019 12:29

Tgt Ion:264 Resp: 32461
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 31.2 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: 0.095 ng

RT: 22.85 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

Instrument :

BNA_N

ClientSampleId :

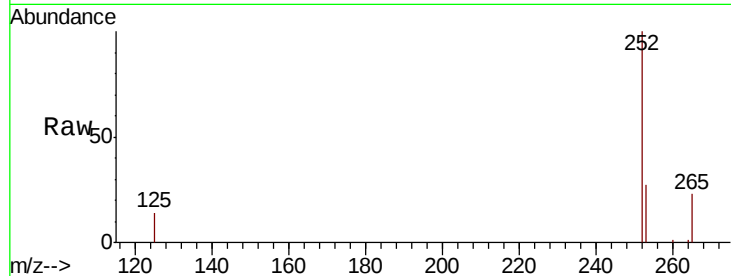
Tot Ion:252 Resp: 11186

Ion Ratio Lower Upper

252 100

253 26.7 18.5 27.7

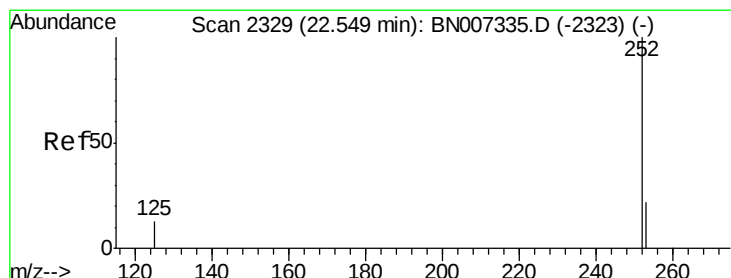
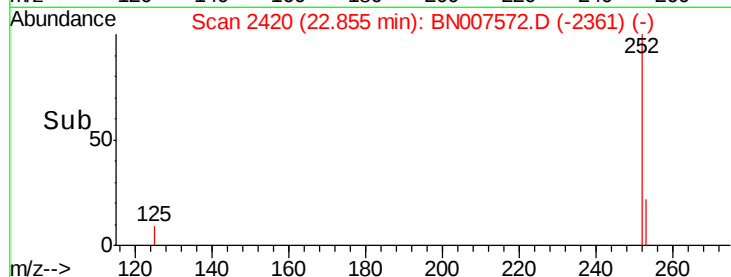
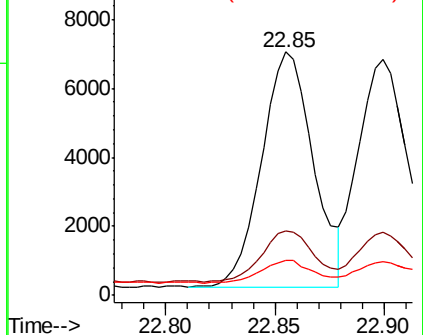
125 14.1 8.2 12.2#



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: 0.092 ng

RT: 22.90 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

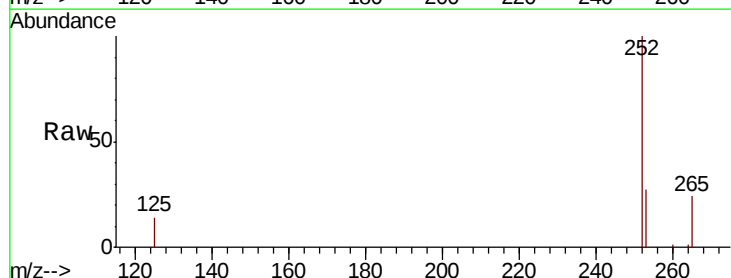
Tgt Ion:252 Resp: 10719

Ion Ratio Lower Upper

252 100

253 26.9 18.4 27.6

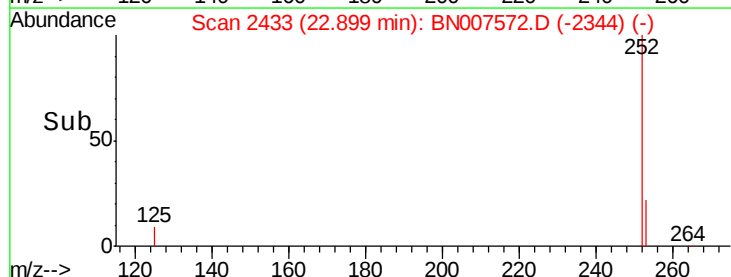
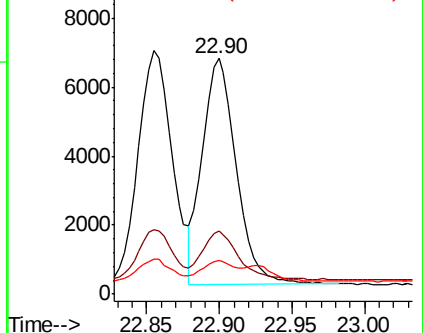
125 14.1 8.2 12.2#



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: 0.087 ng

RT: 23.42 min Scan# 2585

Delta R.T. -0.00 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

Instrument :

BNA_N

ClientSampleId :

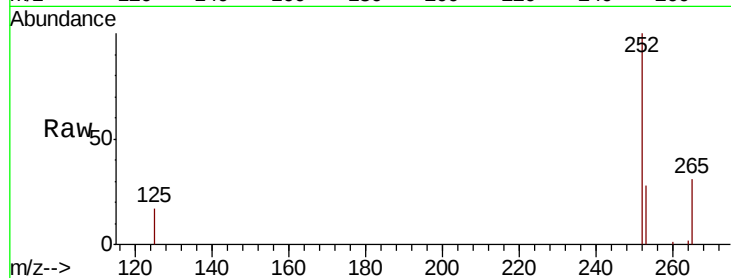
Tot Ion:252 Resp: 9723

Ion Ratio Lower Upper

252 100

253 28.5 18.6 28.0#

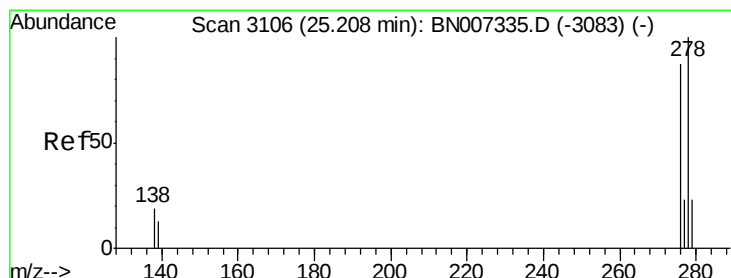
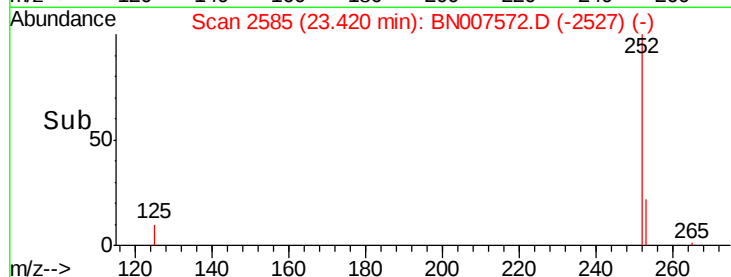
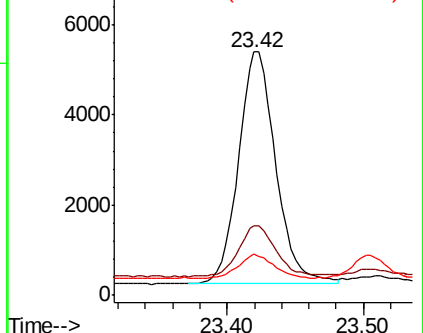
125 16.8 9.2 13.8#



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: 0.087 ng

RT: 25.77 min Scan# 3272

Delta R.T. 0.01 min

Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

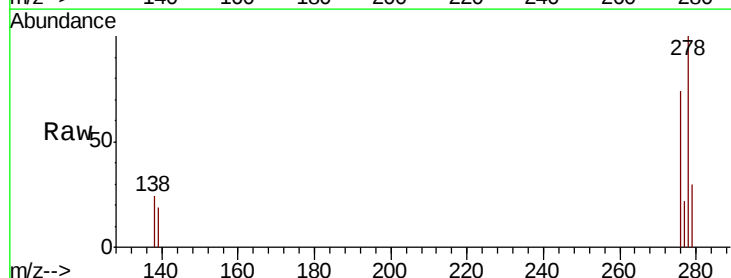
Tgt Ion:278 Resp: 9664

Ion Ratio Lower Upper

278 100

139 18.9 12.5 18.7#

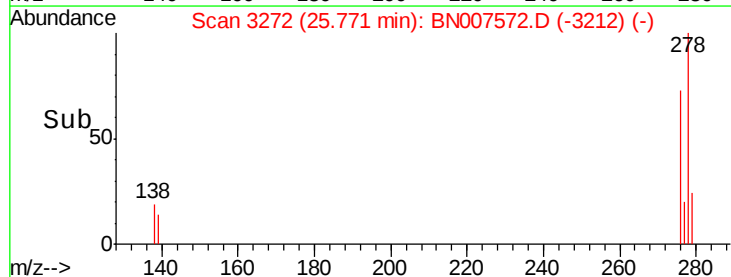
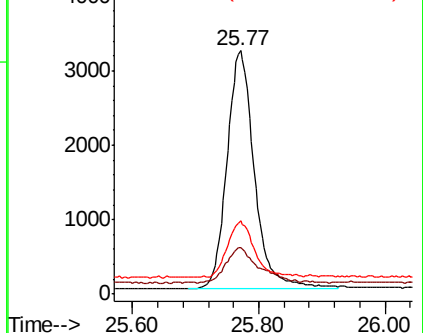
279 30.3 20.2 30.2#



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: 0.090 ng

RT: 26.42 min Scan# 3462

Delta R.T. -0.00 min

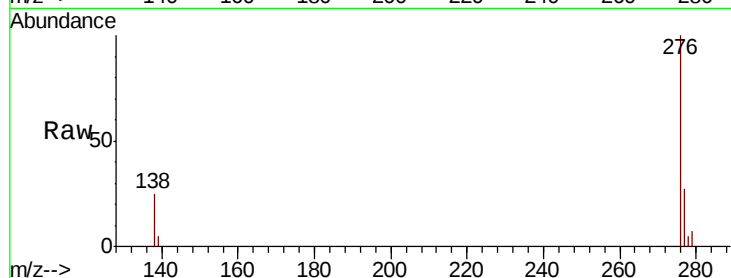
Lab File: BN007572.D

Acq: 10 Sep 2019 12:29

Instrument :

BNA_N

ClientSampleId :



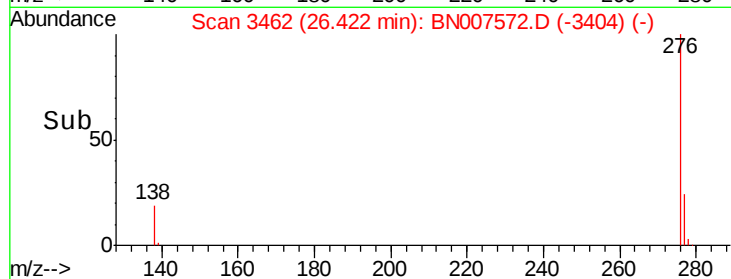
Tot Ion: 276 Resp: 10050

Ion Ratio Lower Upper

276 100

277 26.8 19.7 29.5

138 24.9 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

