

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
 Data File : BN007586.D
 Acq On : 11 Sep 2019 13:47
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 11 16:18:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 11 14:14:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	5107	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	20668	0.40	ng	0.00
13) Acenaphthene-d10	14.35	164	12637	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	27968	0.40	ng	0.00
27) Chrysene-d12	21.28	240	30995	0.40	ng	-0.01
34) Perylene-d12	23.51	264	36017	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	6672	0.43	ng	0.00
5) Phenol-d6	6.90	99	8565	0.41	ng	0.00
8) Nitrobenzene-d5	8.86	82	7411	0.59	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	15130	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2219	0.46	ng	-0.01
15) 2-Fluorobiphenyl	12.97	172	20961	0.40	ng	-0.01
25) Fluoranthene-d10	19.12	212	40248	0.44	ng	0.00
29) Terphenyl-d14	19.73	244	34493	0.43	ng	0.00

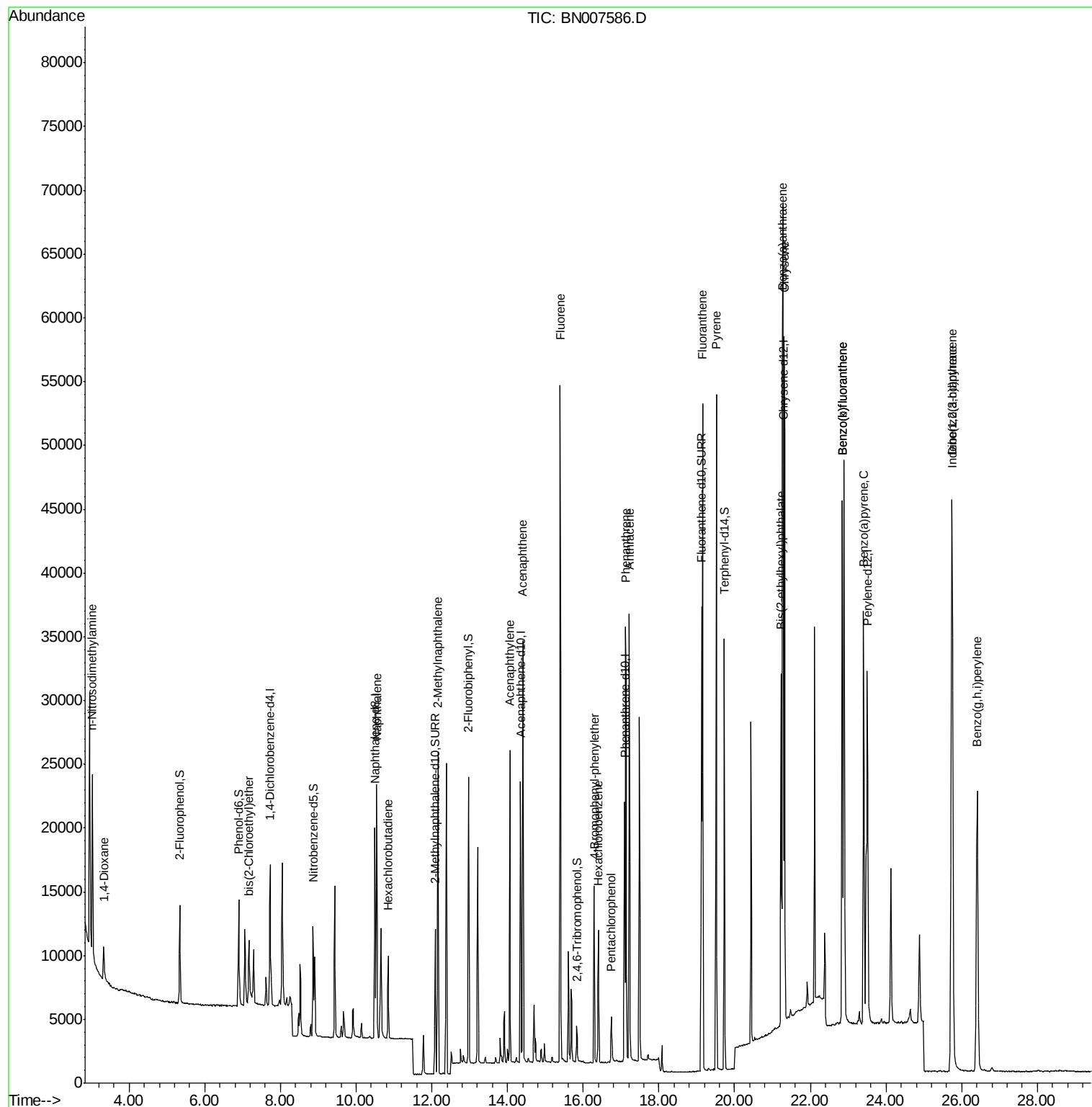
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	2165	0.464	ng	96
3) n-Nitrosodimethylamine	3.03	42	1685	0.552	ng	# 100
6) bis(2-Chloroethyl)ether	7.16	93	5700	0.575	ng	# 83
9) Naphthalene	10.54	128	24876	0.428	ng	99
10) Hexachlorobutadiene	10.85	225	5250	0.450	ng	# 99
12) 2-Methylnaphthalene	12.16	142	17234	0.423	ng	99
16) Acenaphthylene	14.06	152	26564	0.391	ng	100
17) Acenaphthene	14.40	154	16687	0.389	ng	99
18) Fluorene	15.39	166	21980	0.389	ng	100
20) 4-Bromophenyl-phenylether	16.29	248	7306	0.442	ng	# 88
21) Hexachlorobenzene	16.40	284	7773	0.447	ng	99
22) Pentachlorophenol	16.74	266	2214	0.553	ng	98
23) Phenanthrene	17.12	178	37008	0.429	ng	100
24) Anthracene	17.22	178	34459	0.433	ng	99
26) Fluoranthene	19.15	202	45913	0.438	ng	100
28) Pyrene	19.52	202	46794	0.420	ng	100
30) Benzo(a)anthracene	21.27	228	48245	0.435	ng	98
31) Chrysene	21.31	228	48134	0.427	ng	98
32) Bis(2-ethylhexyl)phthalate	21.23	149	22505	0.593	ng	98
33) Indeno(1,2,3-cd)pyrene	25.73	276	57147	0.480	ng	# 100
35) Benzo(b)fluoranthene	22.84	252	49559	0.387	ng	99
36) Benzo(k)fluoranthene	22.84	252	49559	0.392	ng	99
37) Benzo(a)pyrene	23.41	252	45342	0.398	ng	99
38) Dibenzo(a,h)anthracene	25.75	278	47589	0.416	ng	98
39) Benzo(g,h,i)perylene	26.41	276	46187	0.399	ng	99

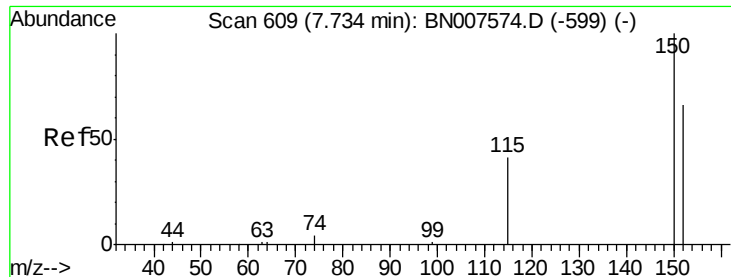
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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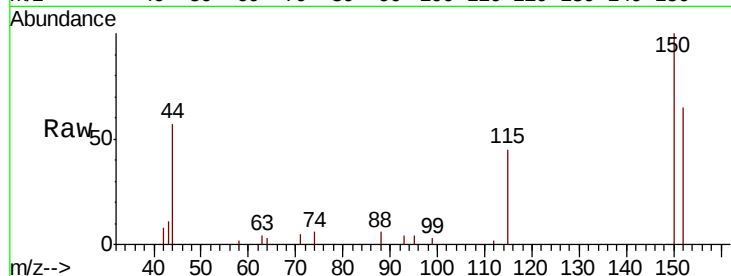


#1

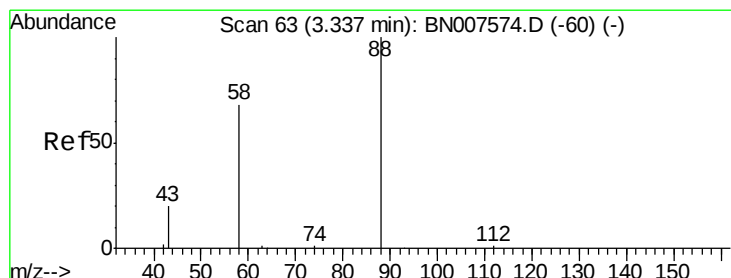
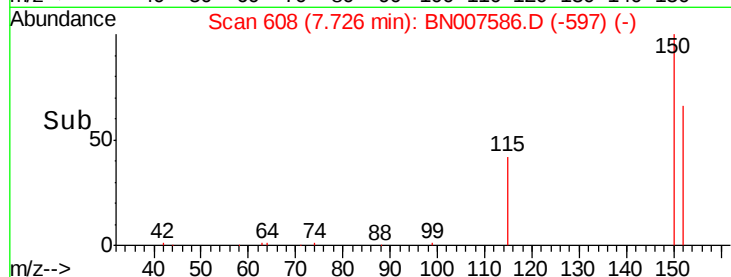
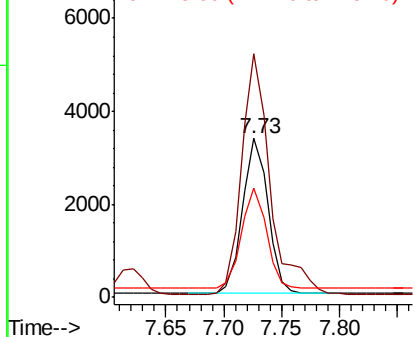
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5107
Ion Ratio Lower Upper
152 100
150 153.4 119.5 179.3
115 68.7 53.0 79.6



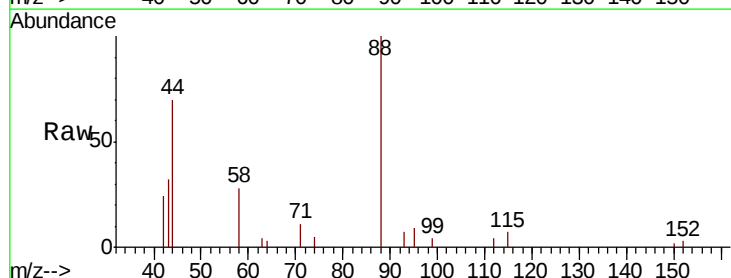
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



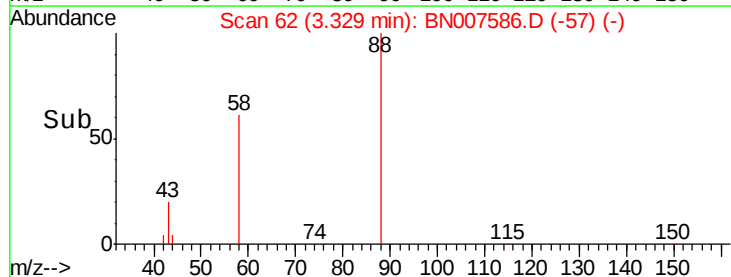
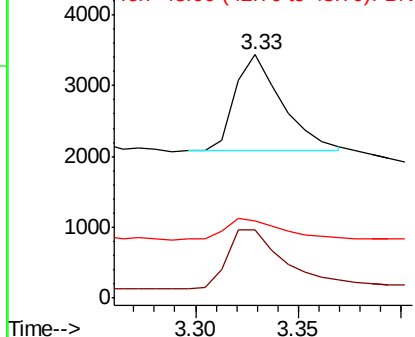
#2

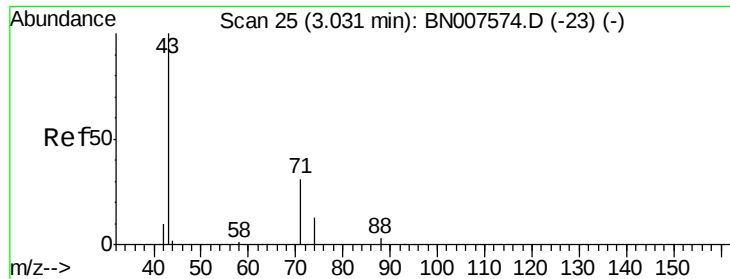
1,4-Dioxane
Concen: 0.464 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion: 88 Resp: 2165
Ion Ratio Lower Upper
88 100
58 76.2 64.6 96.8
43 23.6 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: 0.552 ng

RT: 3.03 min Scan# 25

Delta R.T. 0.00 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

Instrument :

BNA_N

ClientSampleId :

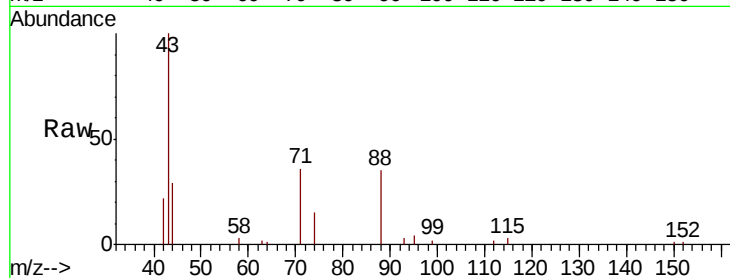
Tot Ion: 42 Resp: 1685

Ion Ratio Lower Upper

42 100

74 108.8 0.0 0.0#

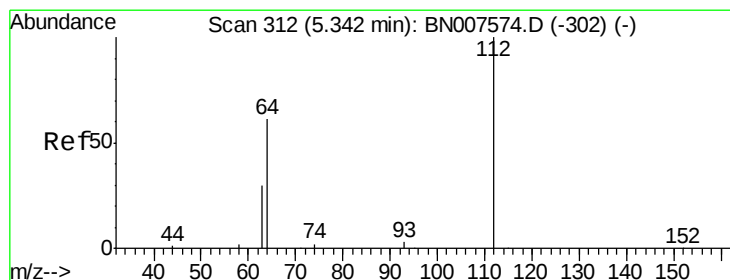
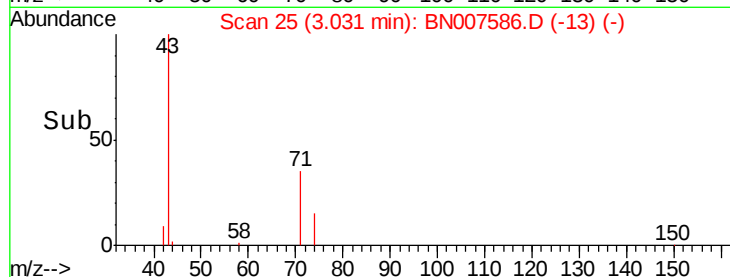
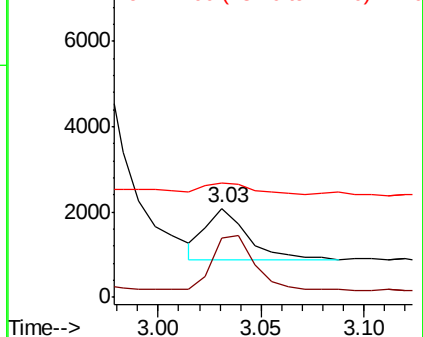
44 25.2 0.0 0.0#



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: 0.429 ng

RT: 5.34 min Scan# 312

Delta R.T. 0.00 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

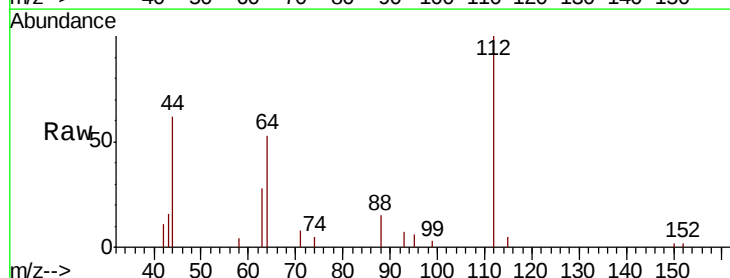
Tgt Ion: 112 Resp: 6672

Ion Ratio Lower Upper

112 100

64 59.2 49.2 73.8

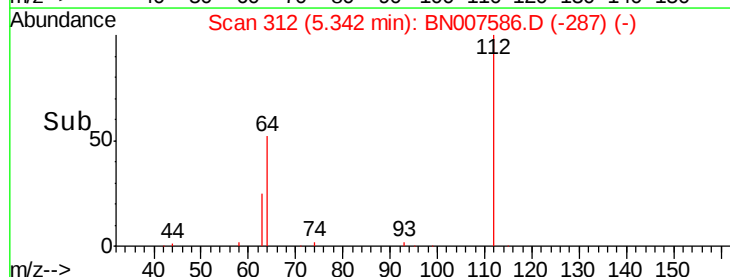
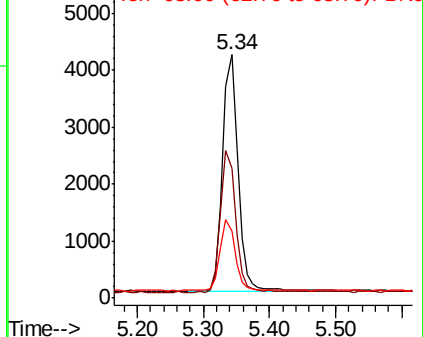
63 29.9 26.0 39.0

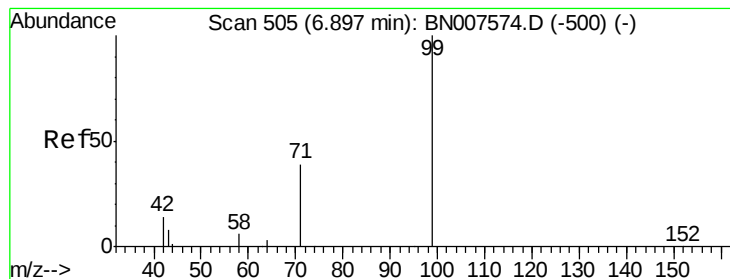


Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.411 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

Instrument :

BNA_N

ClientSampleId :

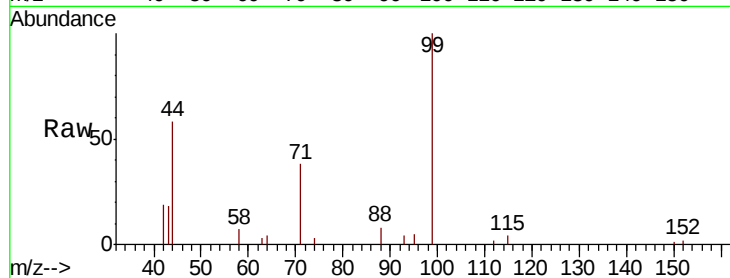
Tot Ion: 99 Resp: 8565

Ion Ratio Lower Upper

99 100

42 15.1 11.8 17.8

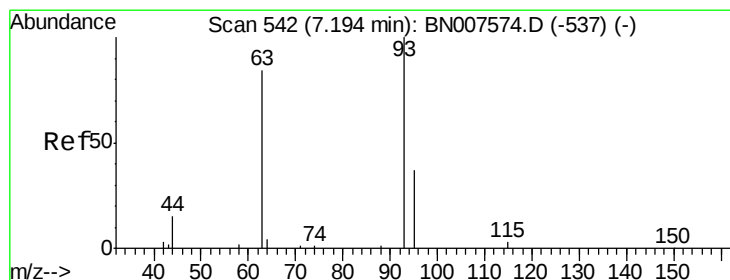
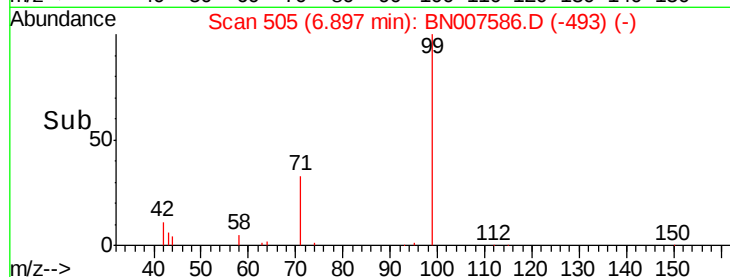
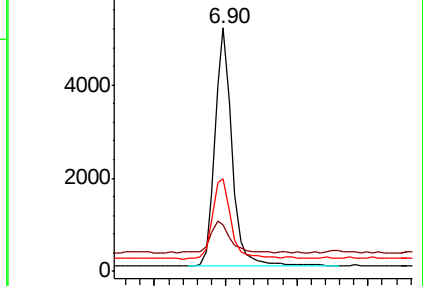
71 35.7 28.8 43.2



Abundance Ion 99.00 (98.70 to 99.70): BN007574.D (-500) (-)

Ion 42.00 (41.70 to 42.70): BN007574.D (-500) (-)

Ion 71.00 (70.70 to 71.70): BN007574.D (-500) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.575 ng

RT: 7.16 min Scan# 538

Delta R.T. -0.03 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

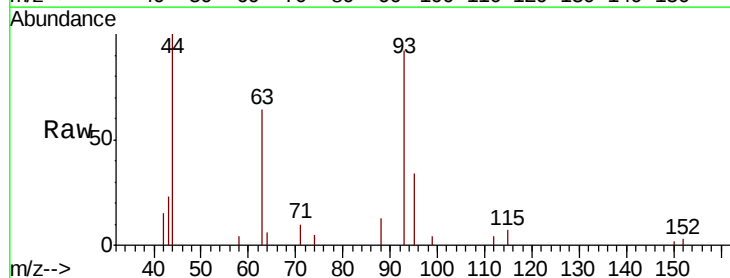
Tgt Ion: 93 Resp: 5700

Ion Ratio Lower Upper

93 100

63 74.1 69.8 104.6

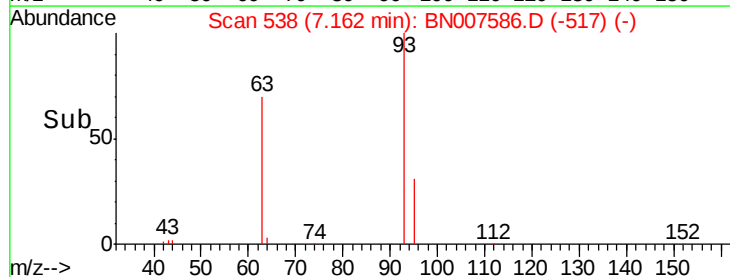
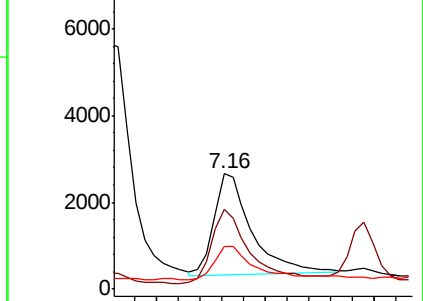
95 37.9 42.8 64.2#

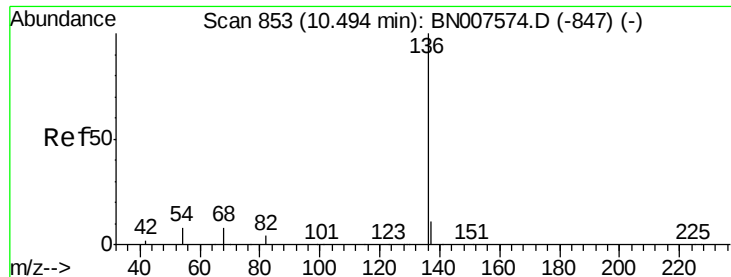


Abundance Ion 93.00 (92.70 to 93.70): BN007574.D (-537) (-)

Ion 63.00 (62.70 to 63.70): BN007574.D (-537) (-)

Ion 95.00 (94.70 to 95.70): BN007574.D (-537) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. 0.00 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 20668

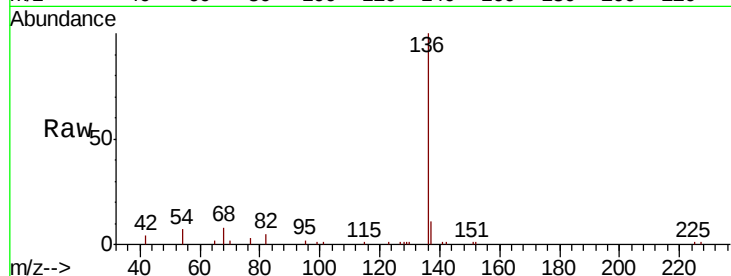
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 7.4 7.5 11.3#

68 8.2 7.9 11.9

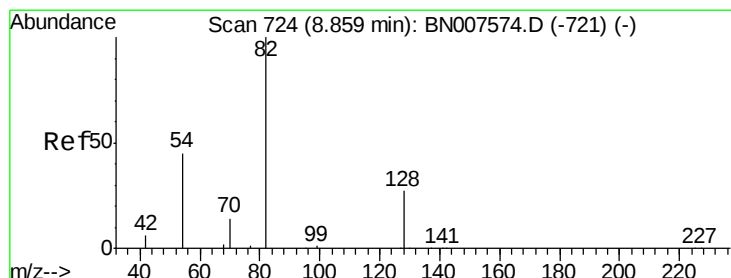
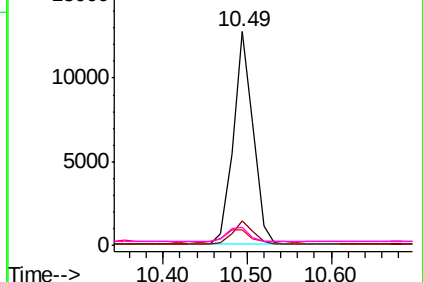
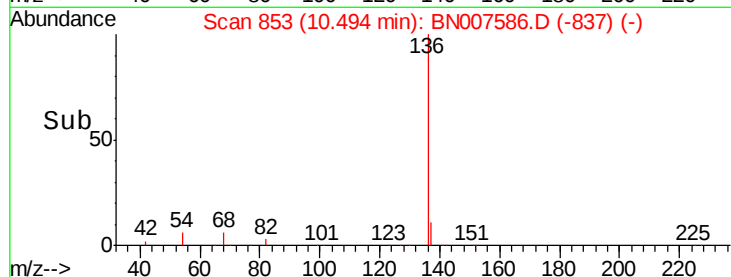


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.589 ng

RT: 8.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

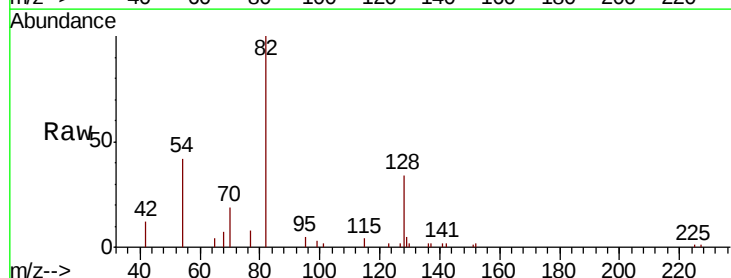
Tgt Ion: 82 Resp: 7411

Ion Ratio Lower Upper

82 100

128 33.5 23.4 35.2

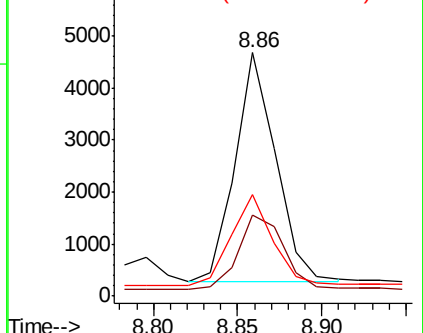
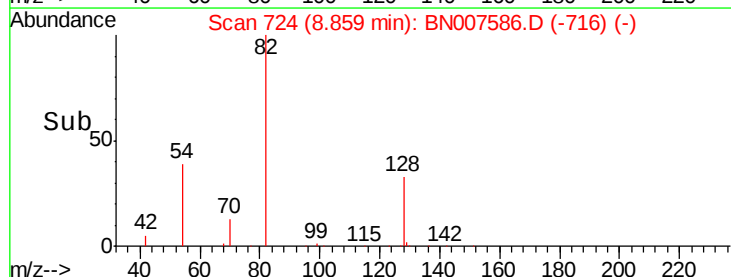
54 41.6 38.2 57.2

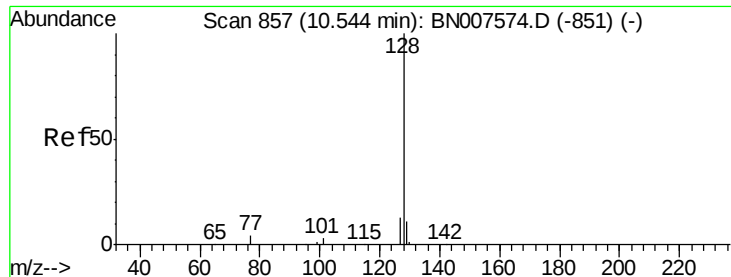


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.428 ng

RT: 10.54 min Scan# 857

Delta R.T. 0.00 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

Instrument :

BNA_N

ClientSampleId :

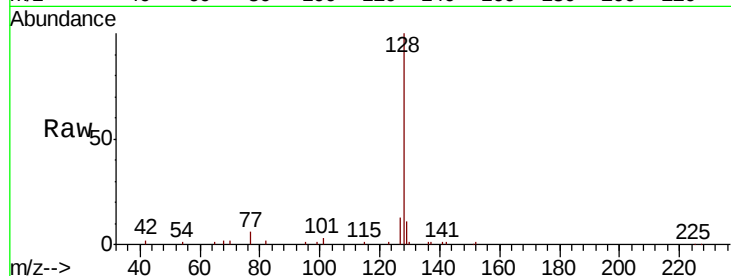
Tot Ion:128 Resp: 24876

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

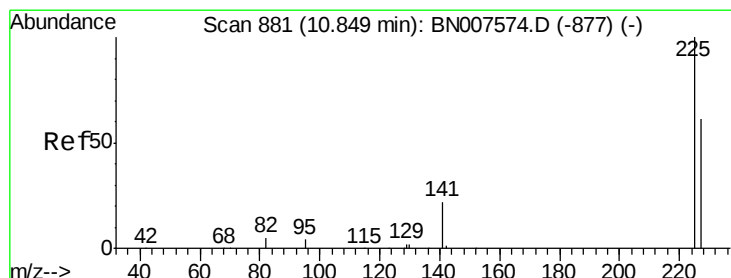
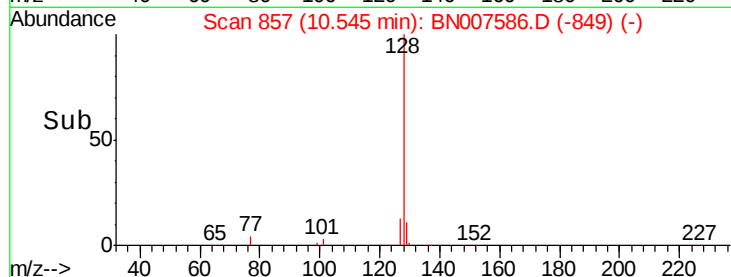
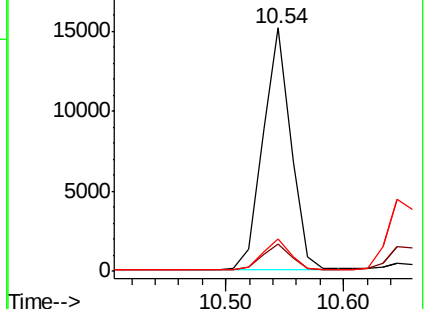
127 13.3 11.0 16.4



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: 0.450 ng

RT: 10.85 min Scan# 881

Delta R.T. 0.00 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

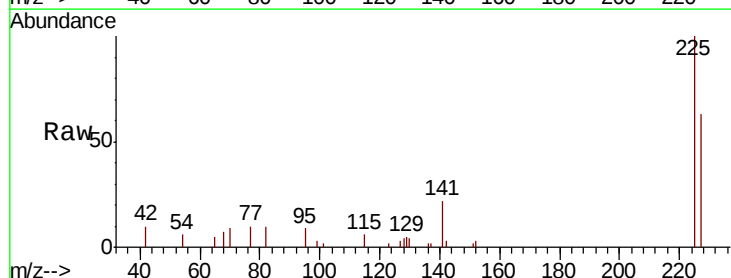
Tgt Ion:225 Resp: 5250

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

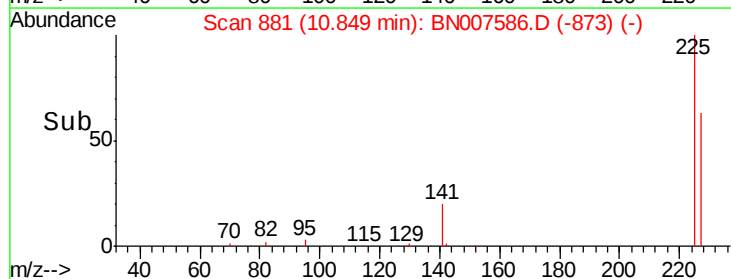
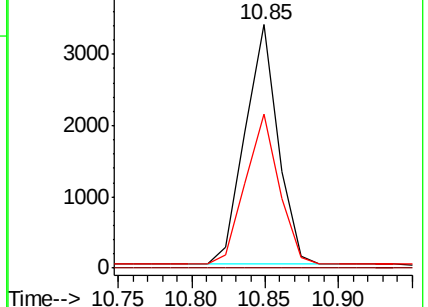
227 63.8 50.4 75.6

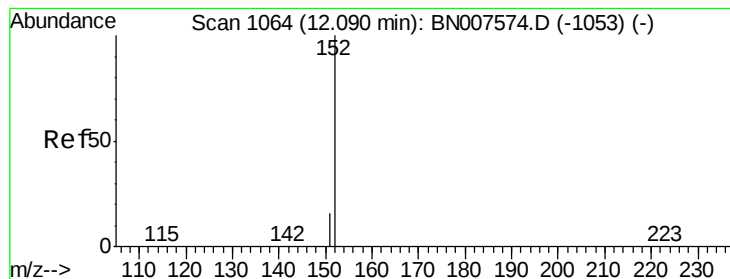


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.424 ng

RT: 12.09 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

Instrument :

BNA_N

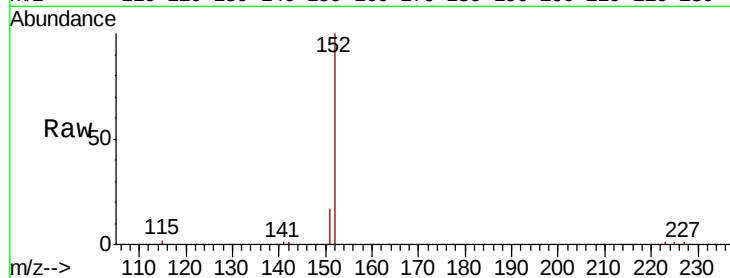
ClientSampled :

Tot Ion:152 Resp: 15130

Ion Ratio Lower Upper

152 100

151 19.2 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

10000

8000

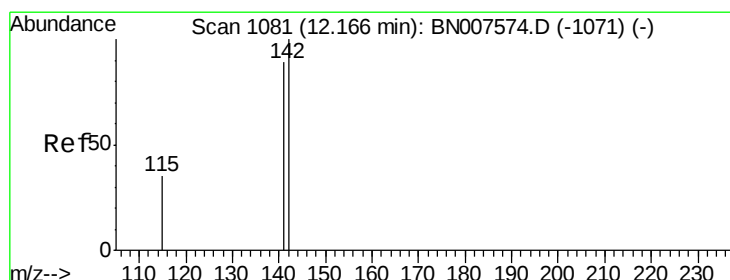
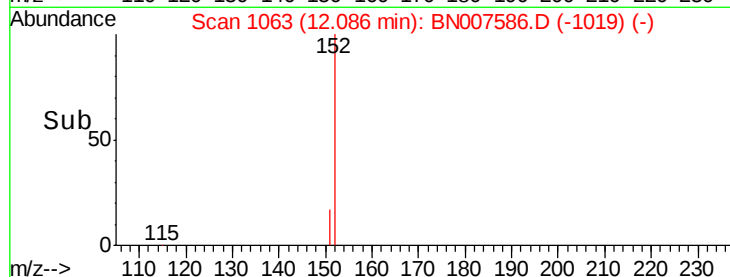
6000

4000

2000

0

Time--> 12.00 12.05 12.10 12.15



#12

2-Methylnaphthalene

Concen: 0.423 ng

RT: 12.16 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

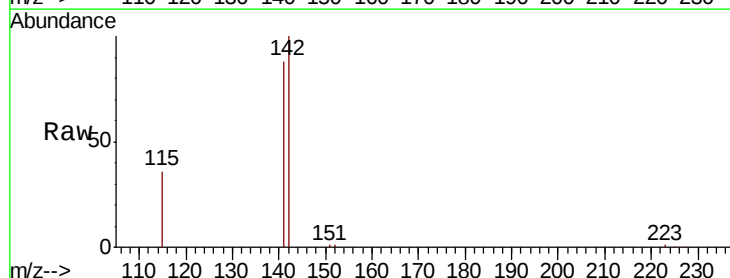
Tgt Ion:142 Resp: 17234

Ion Ratio Lower Upper

142 100

141 88.2 71.0 106.6

115 36.1 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

12.16

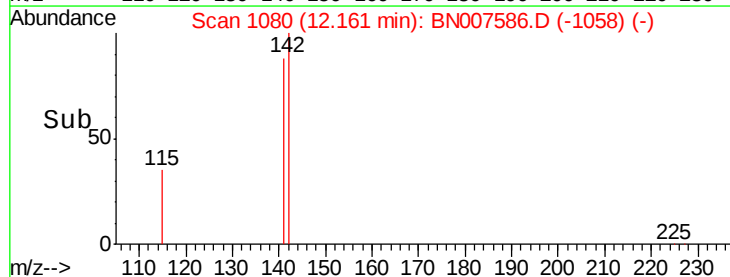
15000

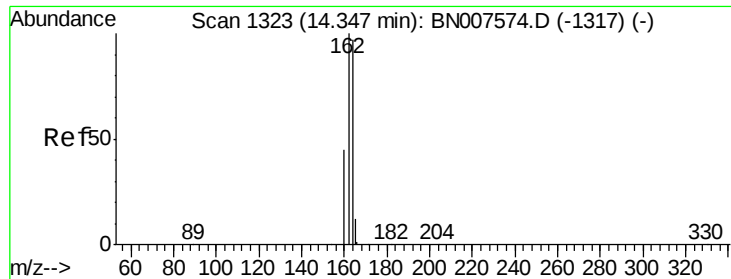
10000

5000

0

Time--> 12.10 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.35 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

Instrument :

BNA_N

ClientSampled :

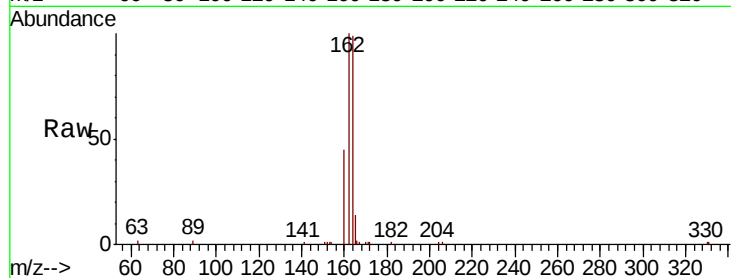
Tot Ion:164 Resp: 12637

Ion Ratio Lower Upper

164 100

162 100.7 82.2 123.2

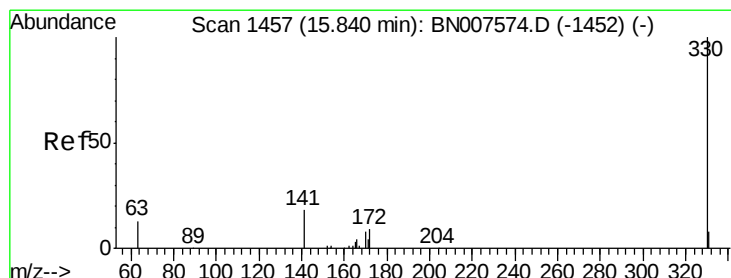
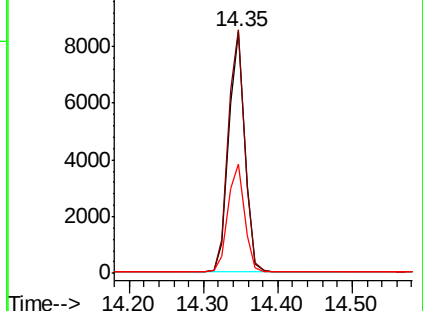
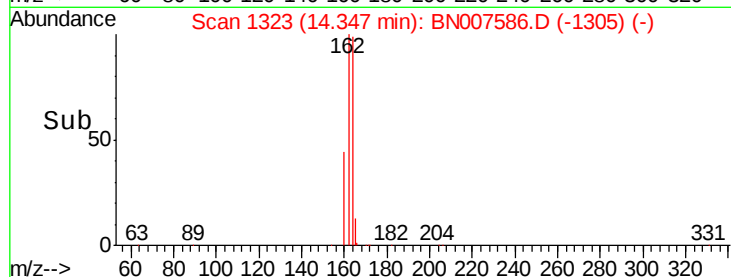
160 45.1 37.4 56.0



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: 0.462 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

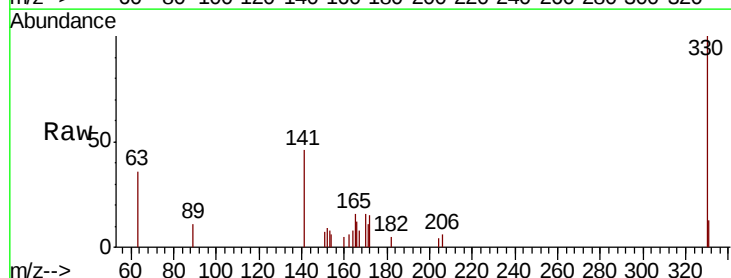
Tgt Ion:330 Resp: 2219

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

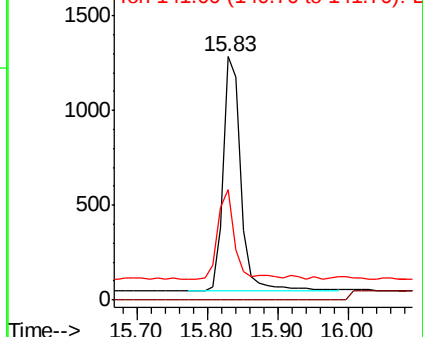
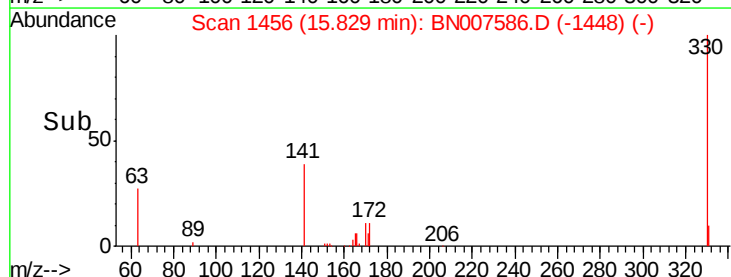
141 36.7 30.6 45.8

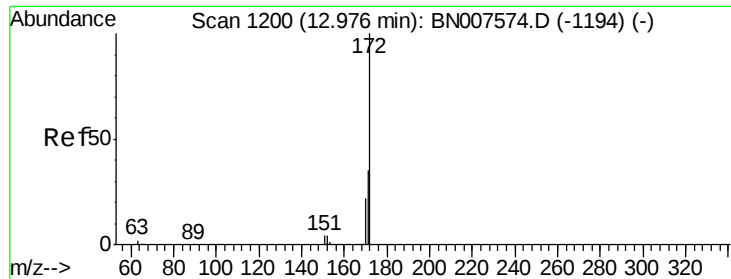


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

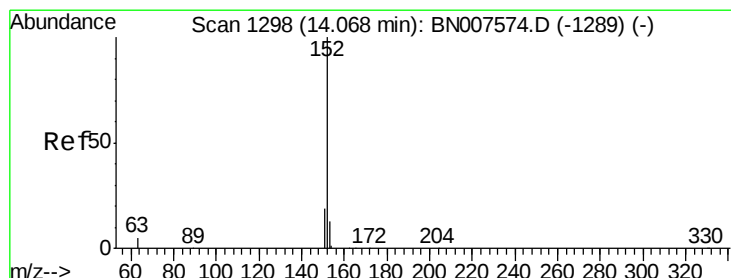
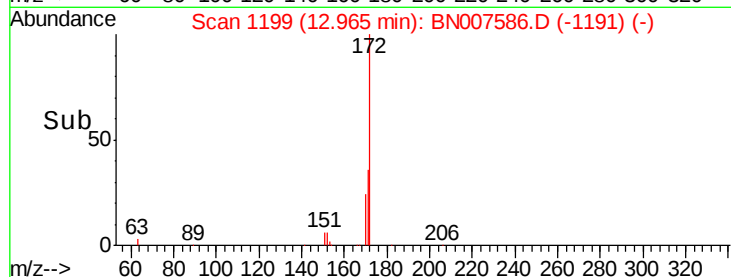
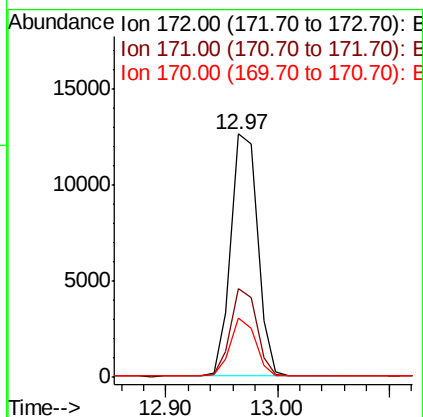
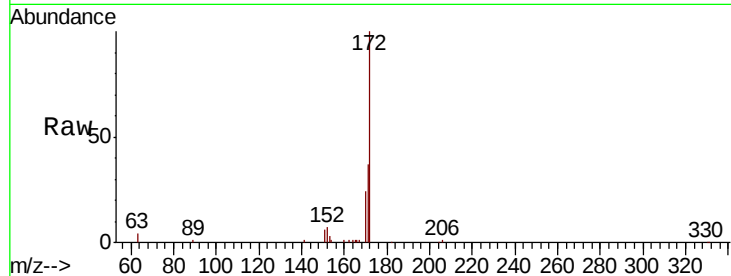




#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

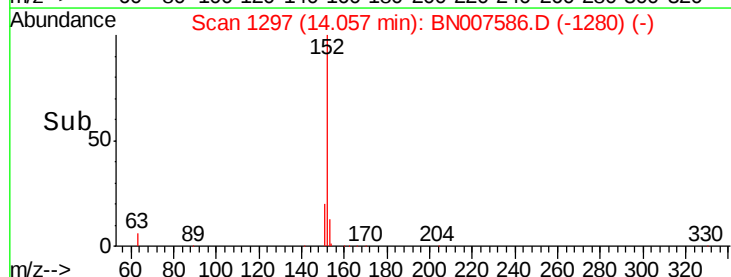
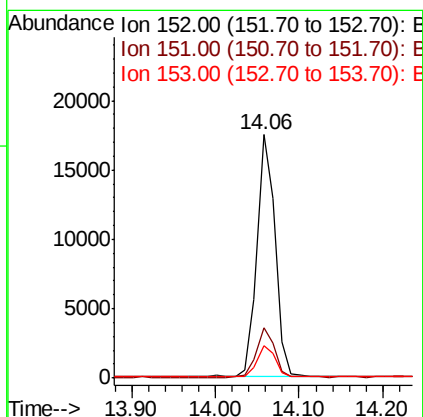
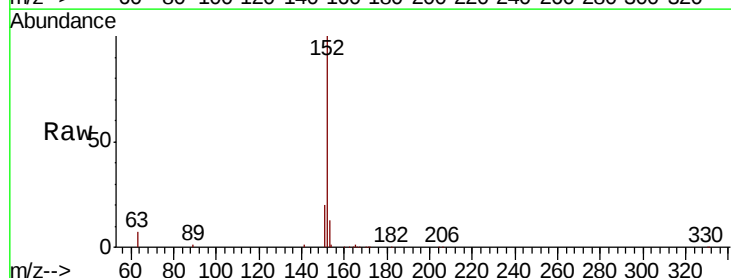
Instrument :
BNA_N
ClientSampleId :

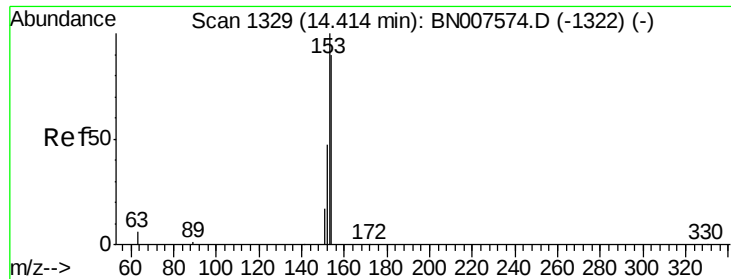
Tot Ion:172 Resp: 20961
Ion Ratio Lower Upper
172 100
171 36.5 28.2 42.2
170 24.2 18.3 27.5



#16
Acenaphthylene
Concen: 0.391 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion:152 Resp: 26564
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 12.9 10.4 15.6





#17

Acenaphthene

Concen: 0.389 ng

RT: 14.40 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

Instrument :

BNA_N

ClientSampleId :

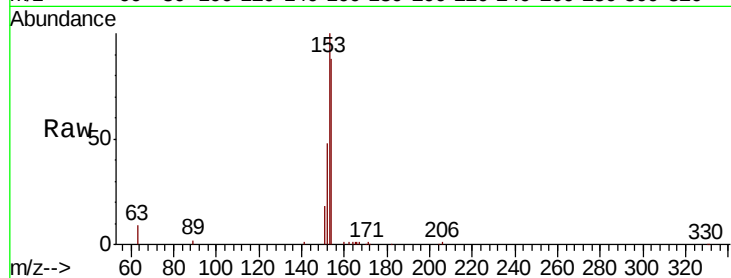
Tot Ion:154 Resp: 16687

Ion Ratio Lower Upper

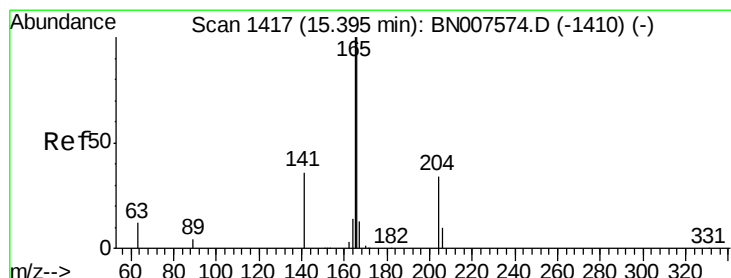
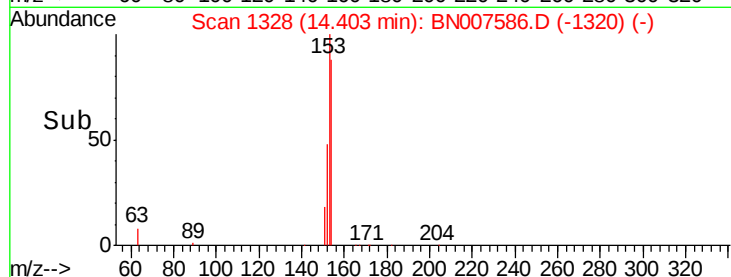
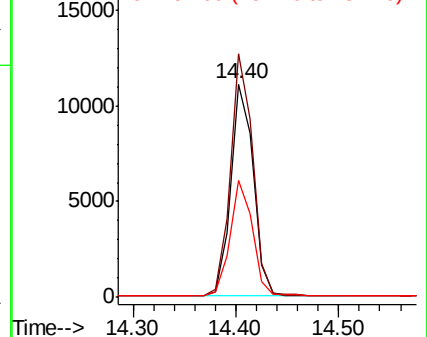
154 100

153 112.6 89.4 134.2

152 54.0 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: 0.389 ng

RT: 15.39 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

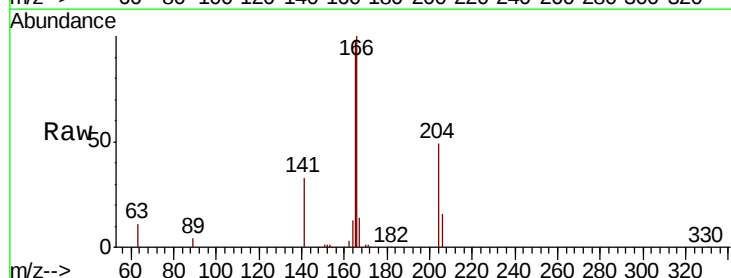
Tgt Ion:166 Resp: 21980

Ion Ratio Lower Upper

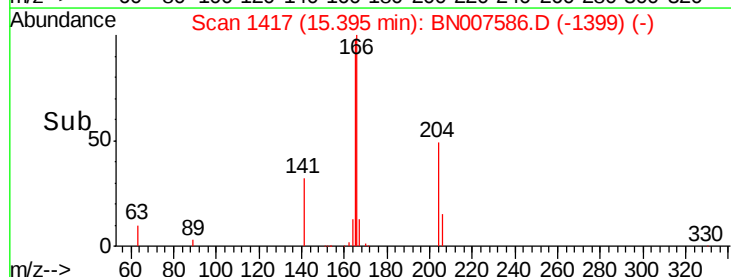
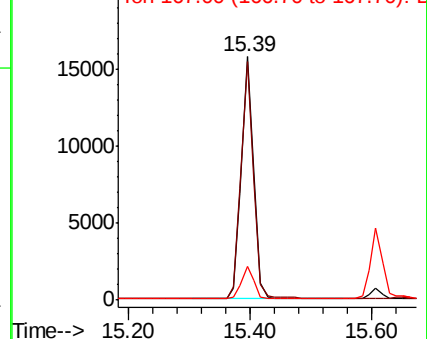
166 100

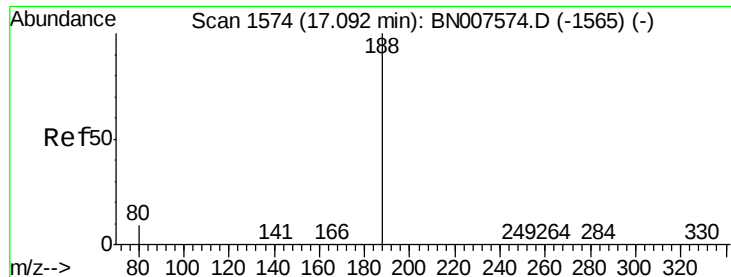
165 97.6 77.8 116.6

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: BN007586.D

Acq: 11 Sep 2019 13:47

Instrument :

BNA_N

ClientSampleId :

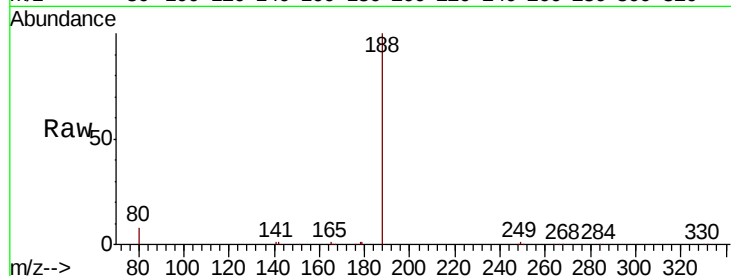
Tot Ion:188 Resp: 27968

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

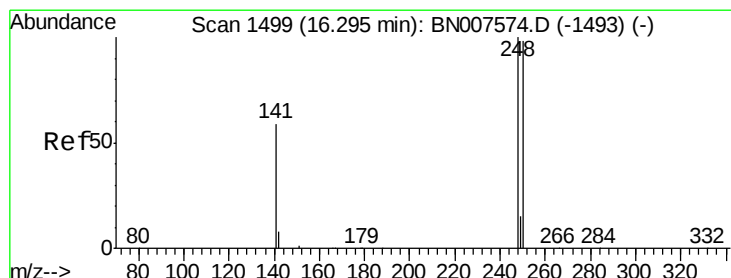
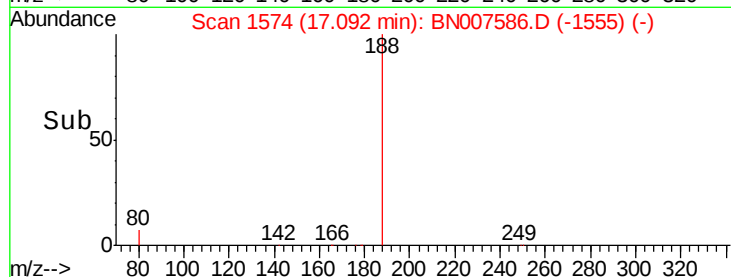
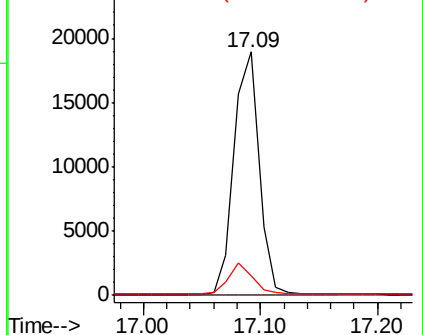
80 8.2 8.1 12.1



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: 0.442 ng

RT: 16.29 min Scan# 1499

Delta R.T. 0.00 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

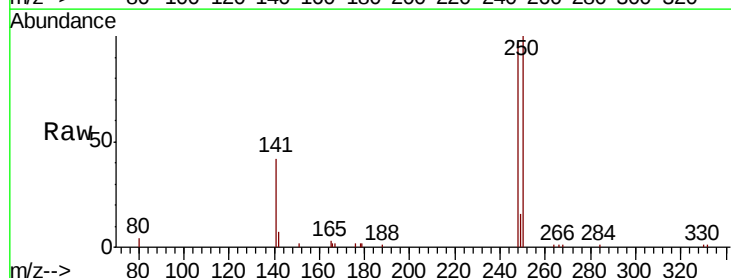
Tgt Ion:248 Resp: 7306

Ion Ratio Lower Upper

248 100

250 103.6 78.9 118.3

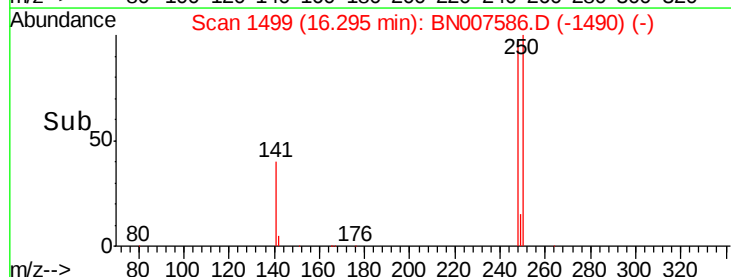
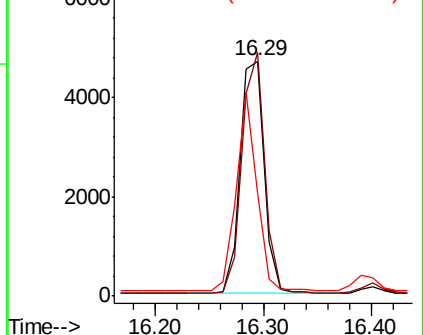
141 43.7 48.3 72.5#

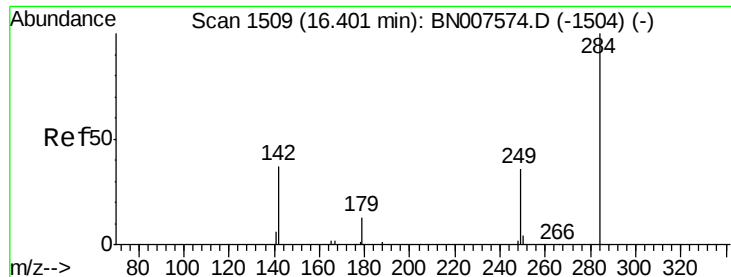


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.447 ng

RT: 16.40 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

Instrument :

BNA_N

ClientSampleId :

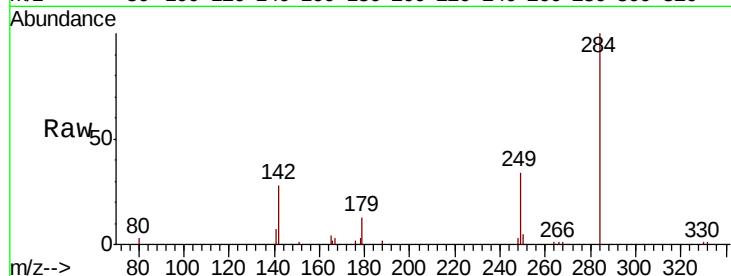
Tot Ion:284 Resp: 7773

Ion Ratio Lower Upper

284 100

142 33.6 27.9 41.9

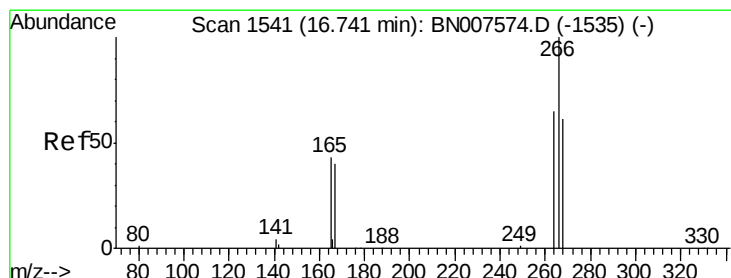
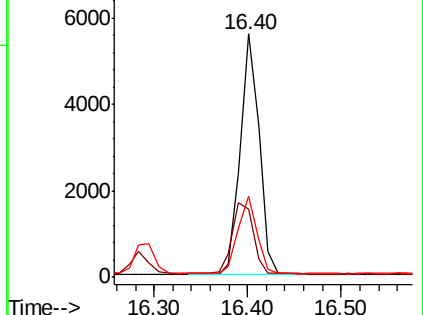
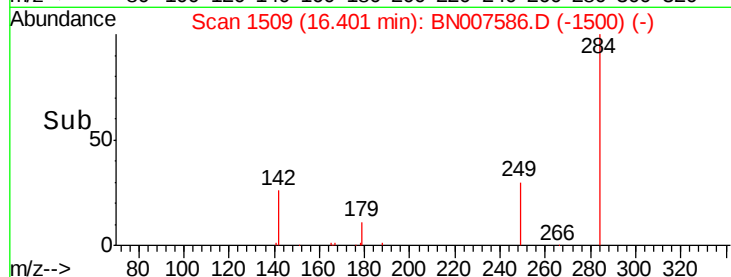
249 32.1 26.0 39.0



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: 0.553 ng

RT: 16.74 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

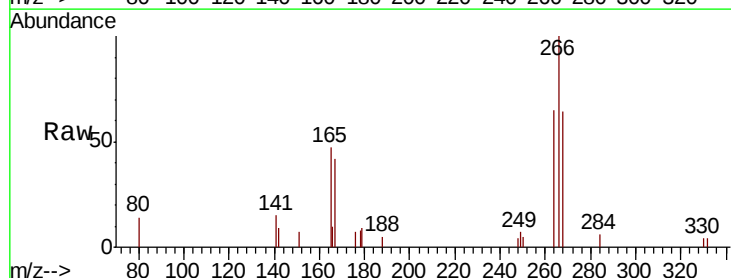
Tgt Ion:266 Resp: 2214

Ion Ratio Lower Upper

266 100

264 64.8 52.0 78.0

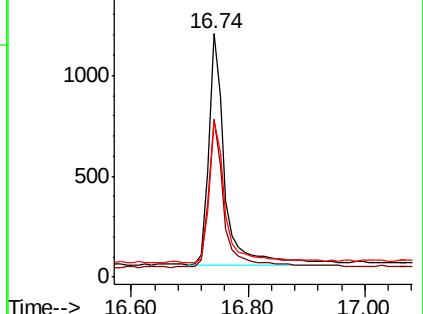
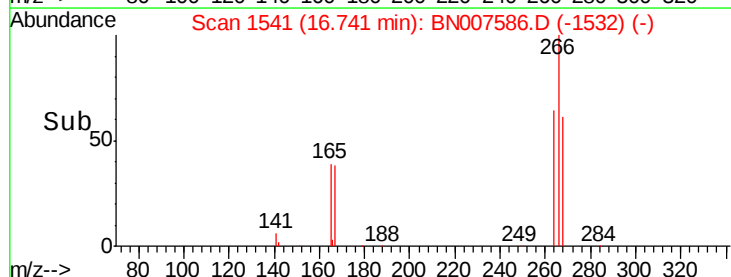
268 64.1 53.5 80.3

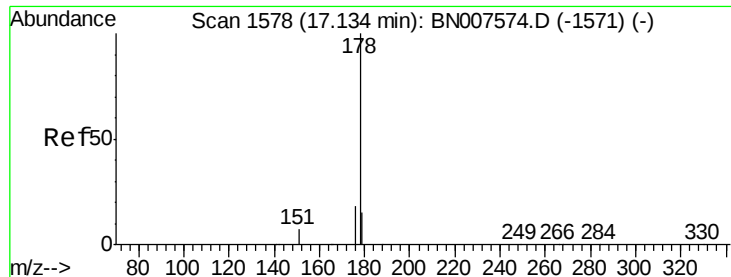


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.429 ng

RT: 17.12 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

Instrument :

BNA_N

ClientSampleId :

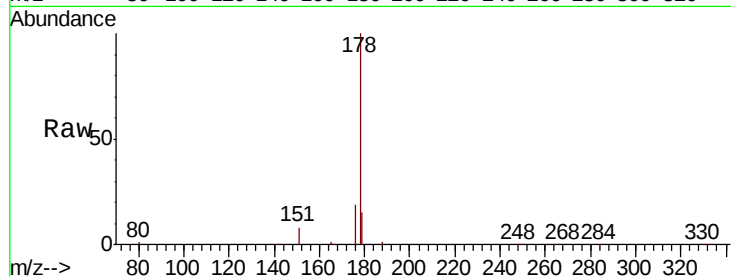
Tot Ion:178 Resp: 37008

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

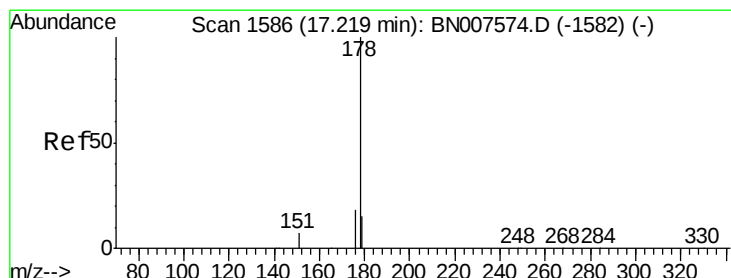
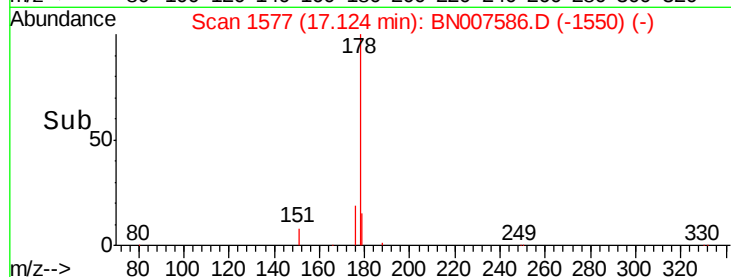
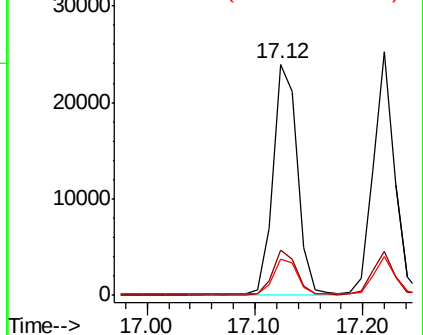
179 15.3 12.2 18.2



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: 0.433 ng

RT: 17.22 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

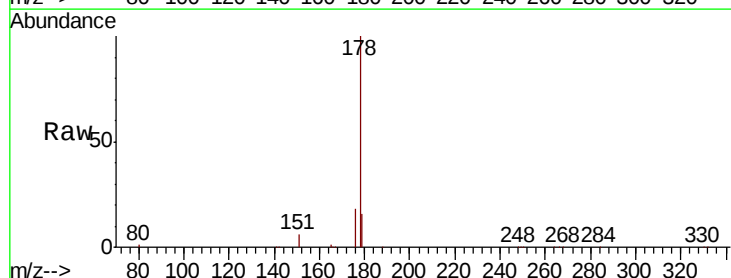
Tgt Ion:178 Resp: 34459

Ion Ratio Lower Upper

178 100

176 17.9 14.4 21.6

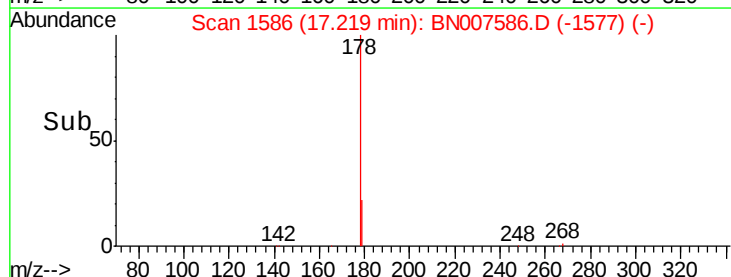
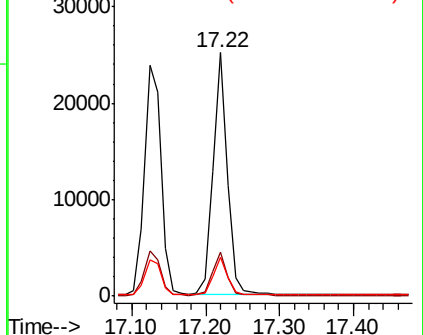
179 15.2 12.5 18.7

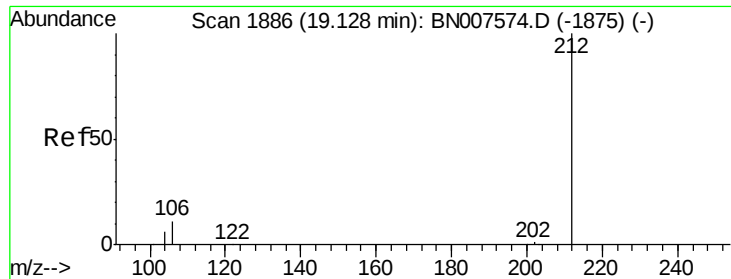


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.443 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

Instrument :

BNA_N

ClientSampleId :

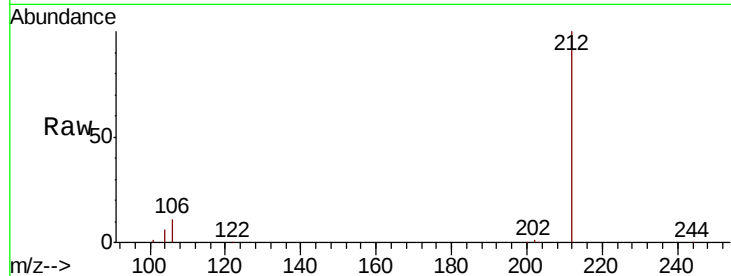
Tot Ion:212 Resp: 40248

Ion Ratio Lower Upper

212 100

106 12.0 9.7 14.5

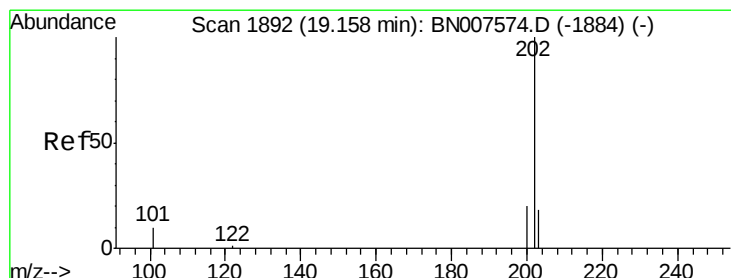
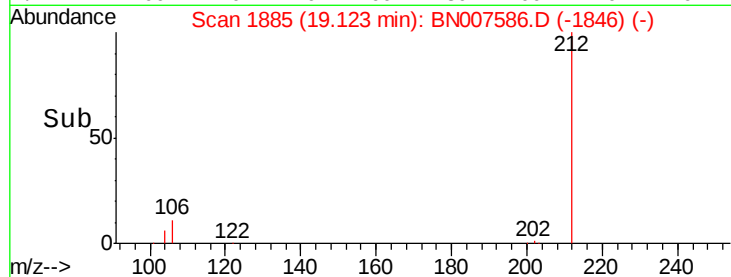
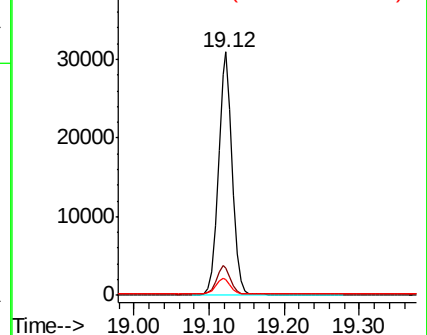
104 6.8 5.5 8.3



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: 0.438 ng

RT: 19.15 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

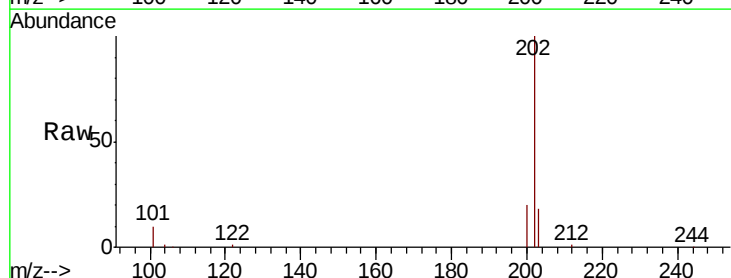
Tgt Ion:202 Resp: 45913

Ion Ratio Lower Upper

202 100

101 10.9 8.8 13.2

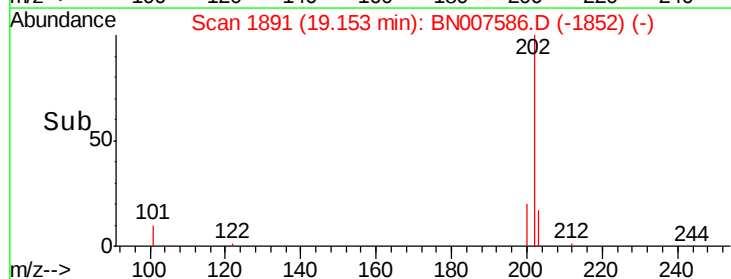
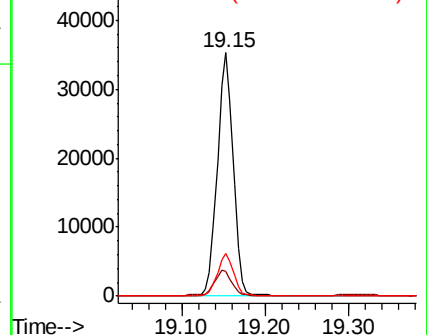
203 17.3 13.8 20.8

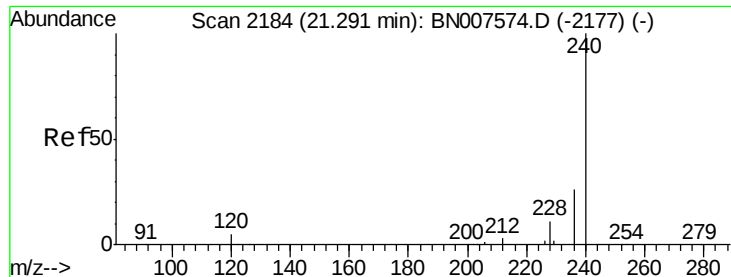


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.28 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

Instrument :

BNA_N

ClientSampleId :

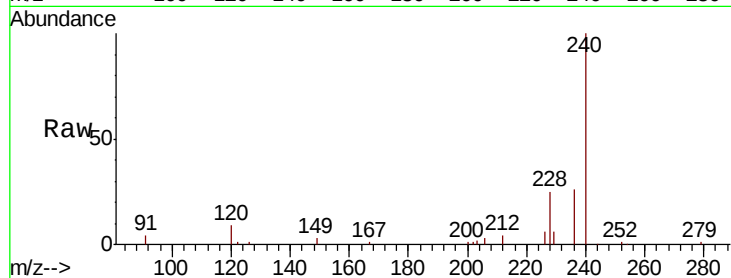
Tot Ion:240 Resp: 30995

Ion Ratio Lower Upper

240 100

120 8.7 5.0 7.4#

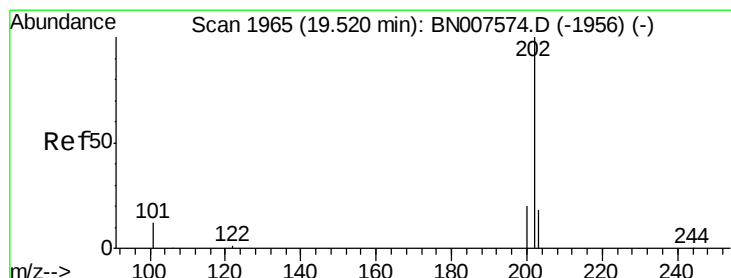
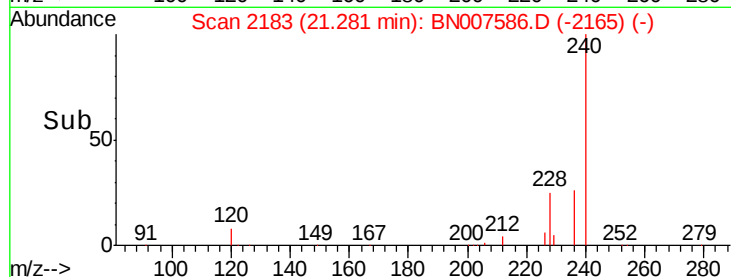
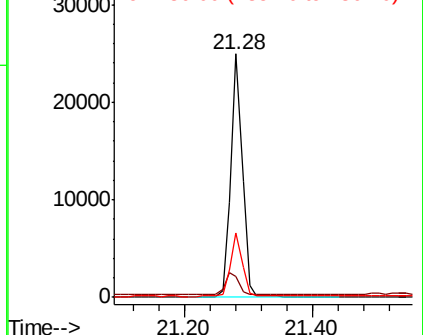
236 26.3 20.6 31.0



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: 0.420 ng

RT: 19.52 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

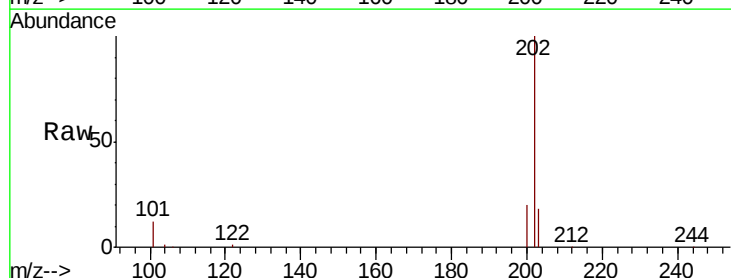
Tgt Ion:202 Resp: 46794

Ion Ratio Lower Upper

202 100

200 20.3 16.3 24.5

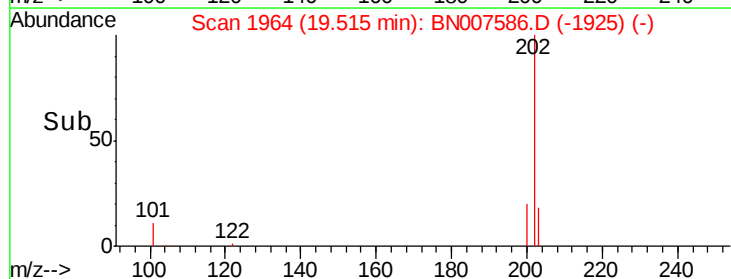
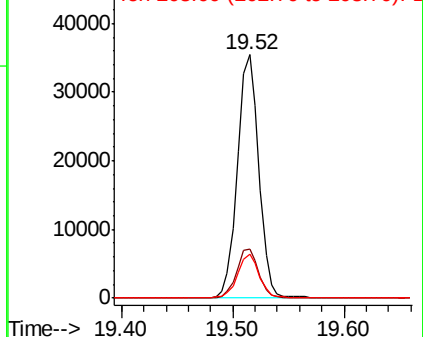
203 17.5 14.1 21.1

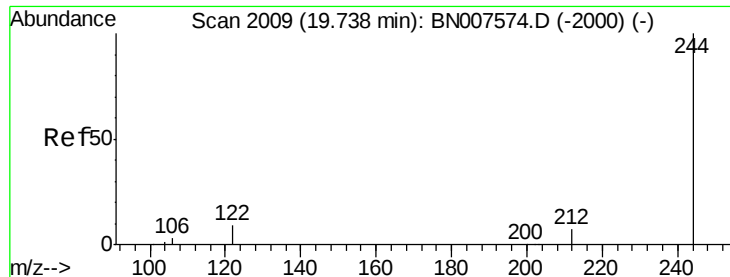


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.428 ng

RT: 19.73 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

Instrument :

BNA_N

ClientSampleId :

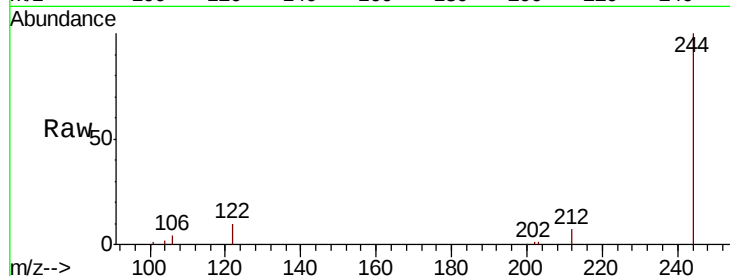
Tot Ion:244 Resp: 34493

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

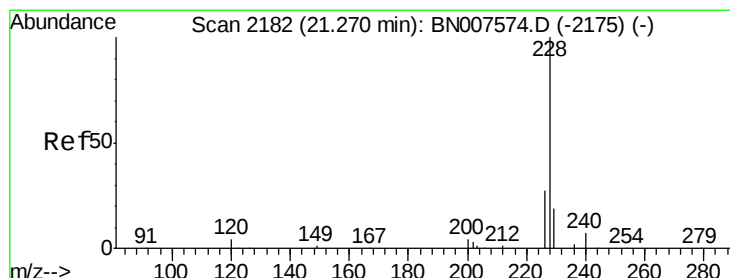
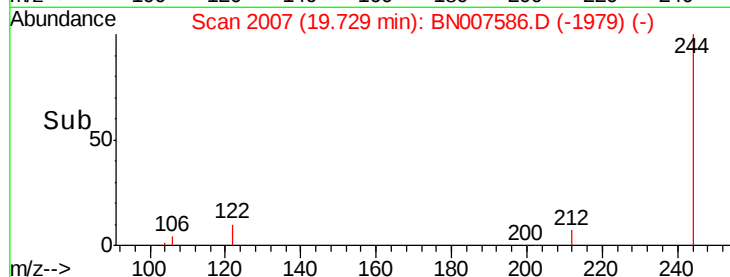
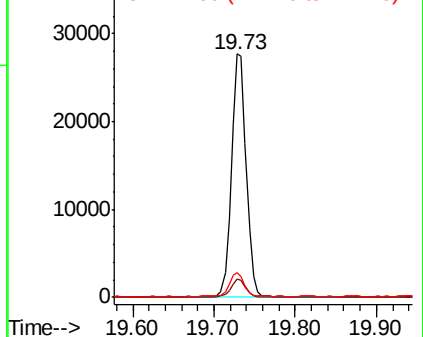
122 10.3 7.8 11.6



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: 0.435 ng

RT: 21.27 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

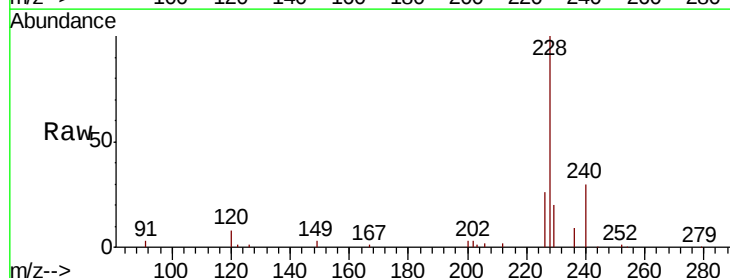
Tgt Ion:228 Resp: 48245

Ion Ratio Lower Upper

228 100

226 25.6 21.6 32.4

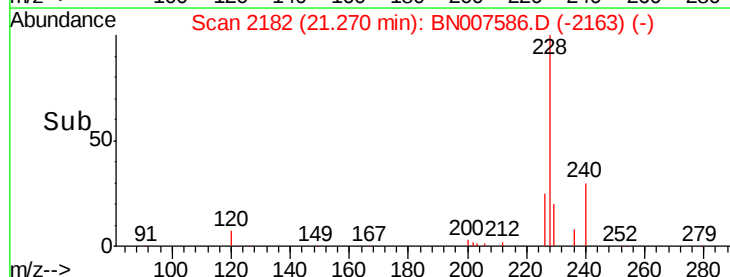
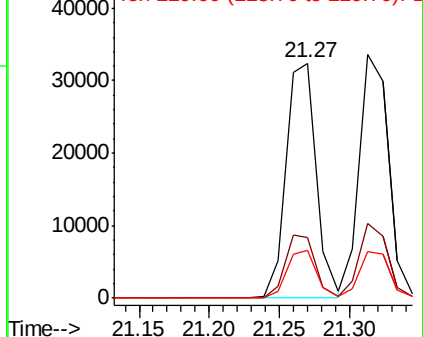
229 20.2 15.7 23.5

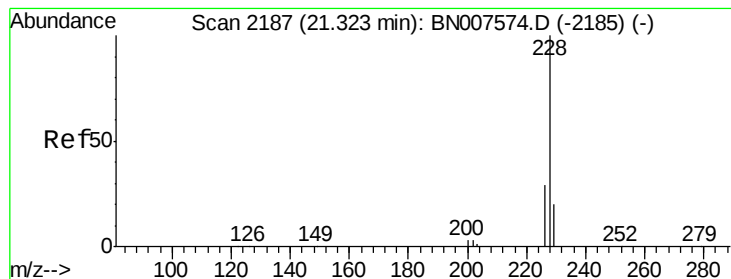


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

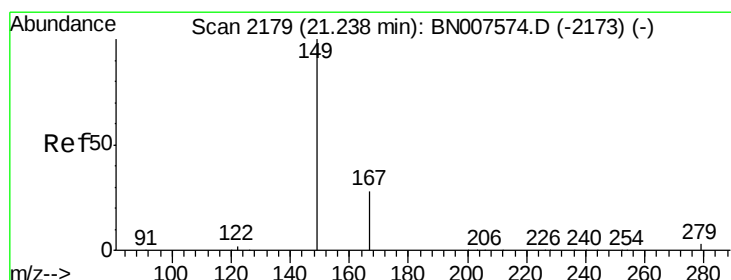
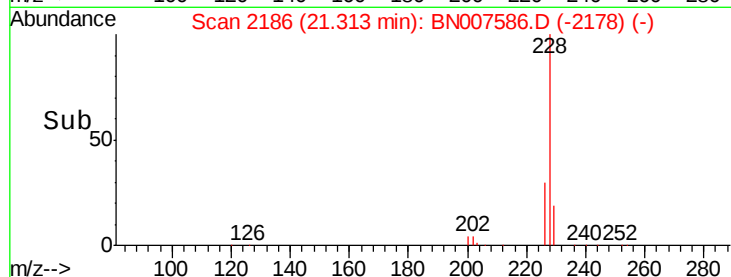
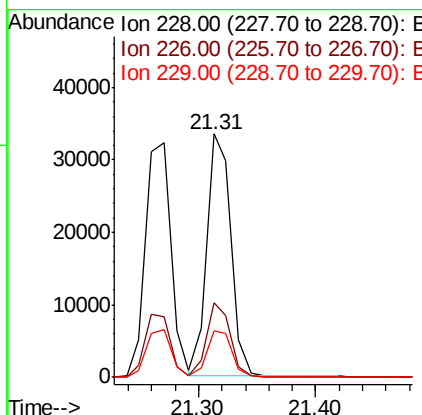
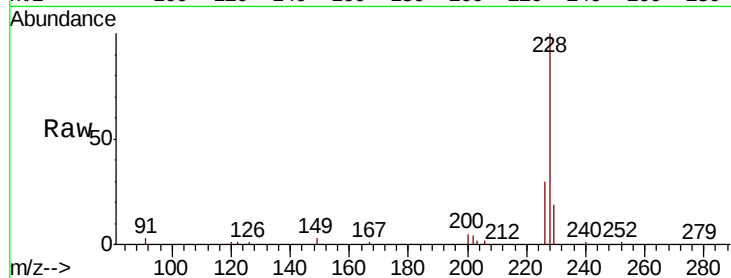




#31
Chrysene
Concen: 0.427 ng
RT: 21.31 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

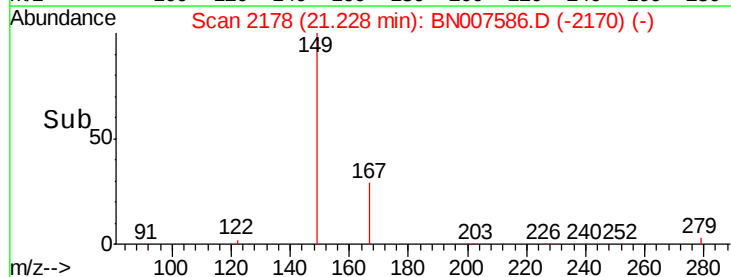
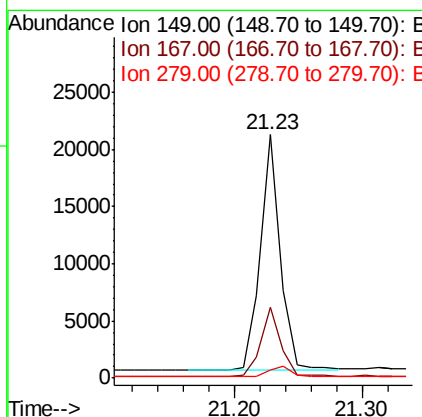
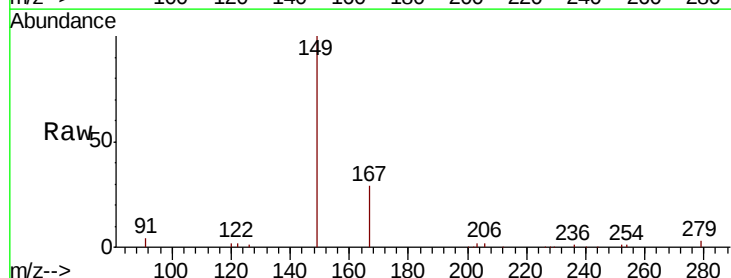
Instrument :
BNA_N
ClientSampleId :

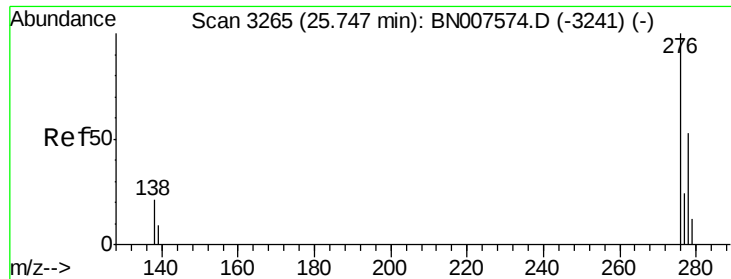
Tot Ion:228 Resp: 48134
Ion Ratio Lower Upper
228 100
226 30.5 23.4 35.2
229 19.3 15.7 23.5



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.593 ng
RT: 21.23 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion:149 Resp: 22505
Ion Ratio Lower Upper
149 100
167 29.1 22.1 33.1
279 5.0 3.9 5.9

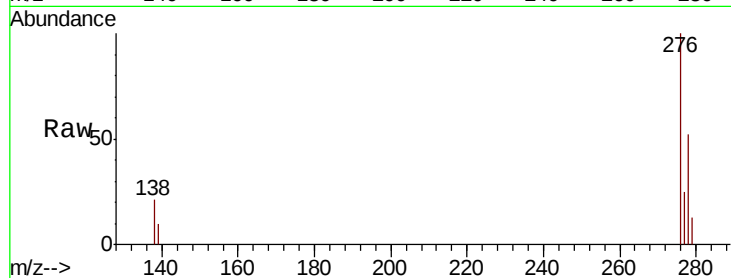




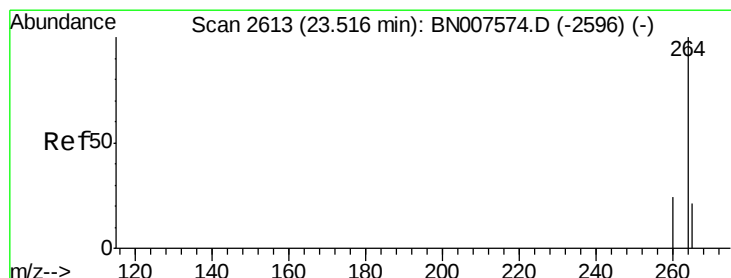
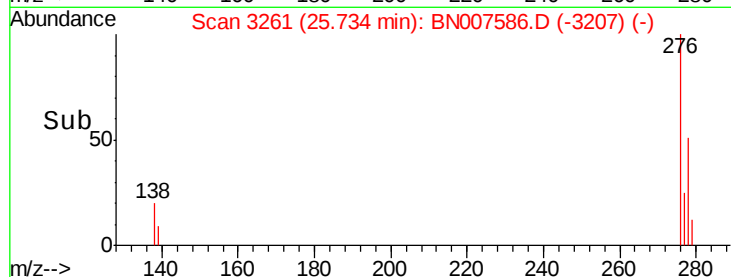
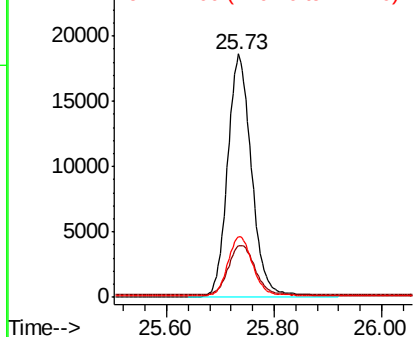
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.480 ng
 RT: 25.73 min Scan# 3261
 Delta R.T. -0.01 min
 Lab File: BN007586.D
 Acq: 11 Sep 2019 13:47

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 57147
 Ion Ratio Lower Upper
 276 100
 138 22.6 0.0 0.0#
 277 25.2 0.0 0.0#

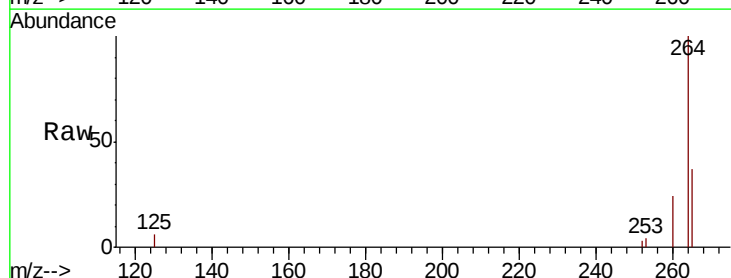


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

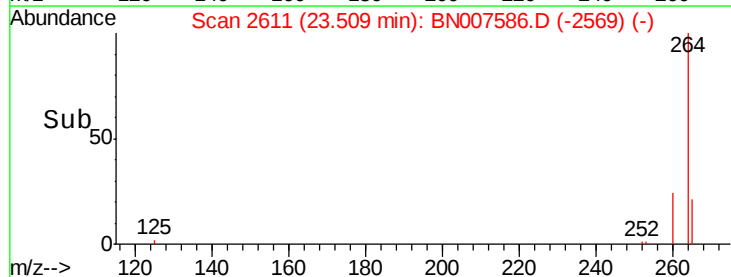
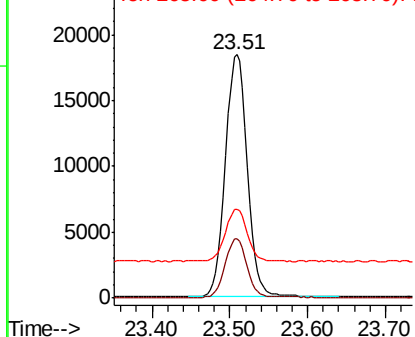


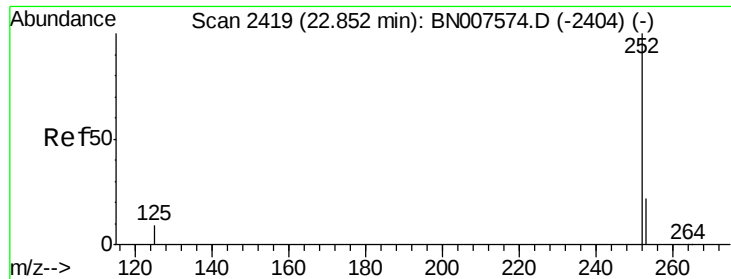
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.51 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BN007586.D
 Acq: 11 Sep 2019 13:47

Tgt Ion:264 Resp: 36017
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 36.6 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

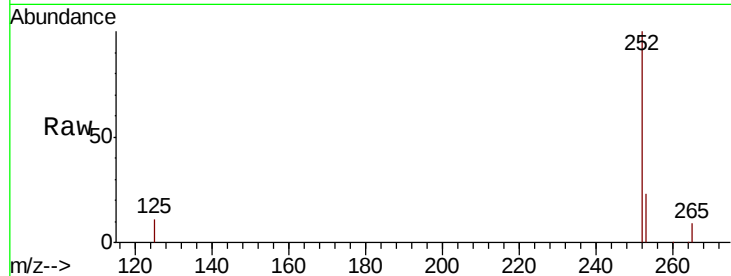




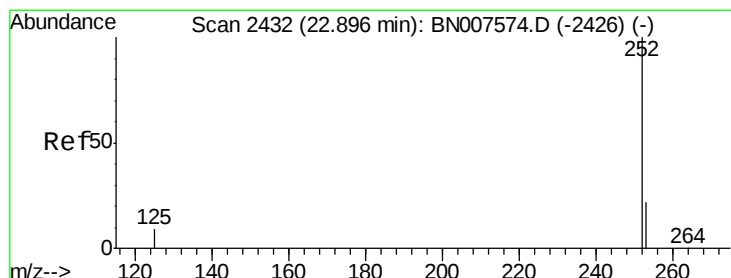
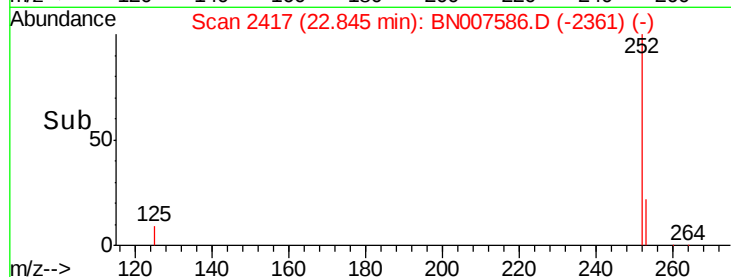
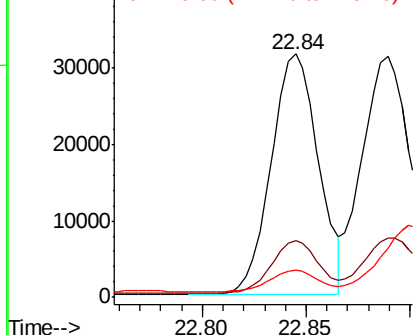
#35
Benzo(b)fluoranthene
Concen: 0.387 ng
RT: 22.84 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 49559
Ion Ratio Lower Upper
252 100
253 23.1 18.5 27.7
125 11.2 8.2 12.2

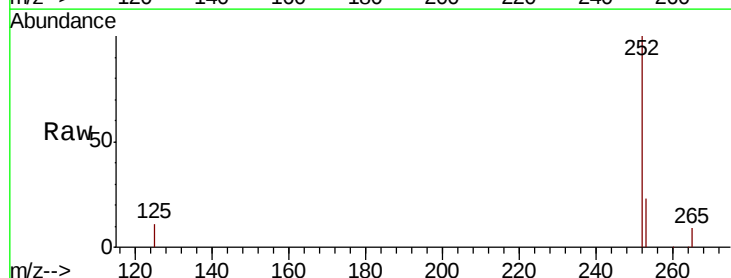


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

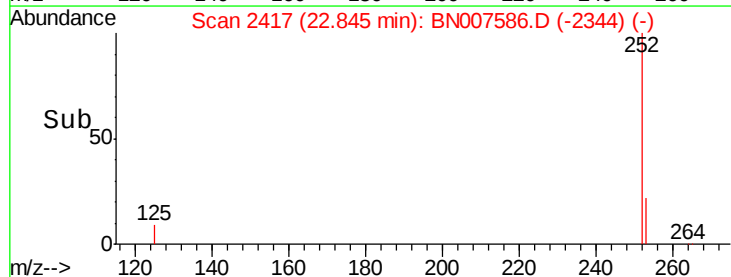
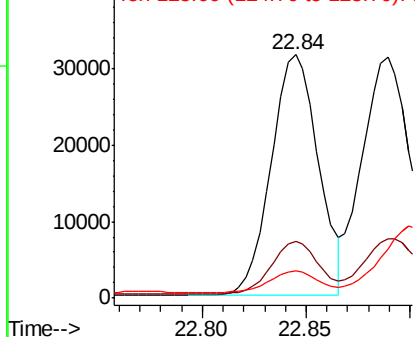


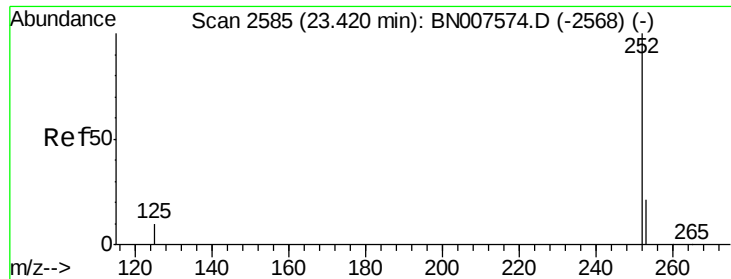
#36
Benzo(k)fluoranthene
Concen: 0.392 ng
RT: 22.84 min Scan# 2417
Delta R.T. -0.05 min
Lab File: BN007586.D
Acq: 11 Sep 2019 13:47

Tgt Ion:252 Resp: 49559
Ion Ratio Lower Upper
252 100
253 23.1 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: 0.398 ng

RT: 23.41 min Scan# 2582

Delta R.T. -0.01 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

Instrument :

BNA_N

ClientSampleId :

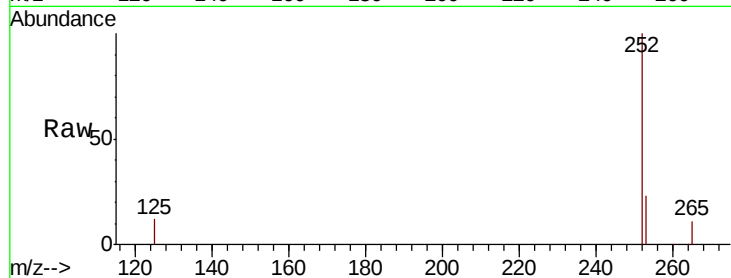
Tot Ion:252 Resp: 45342

Ion Ratio Lower Upper

252 100

253 23.5 18.6 28.0

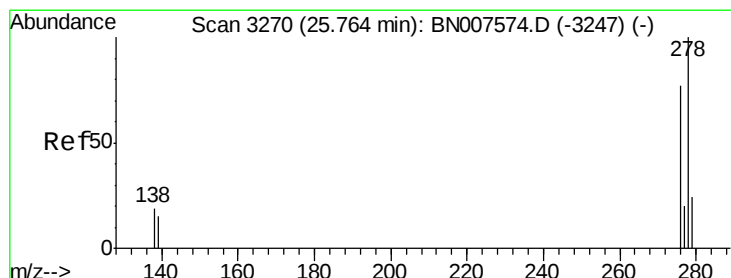
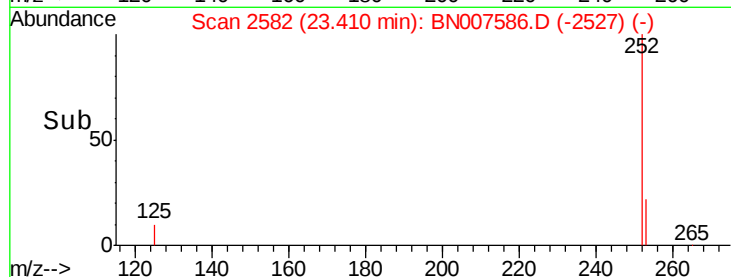
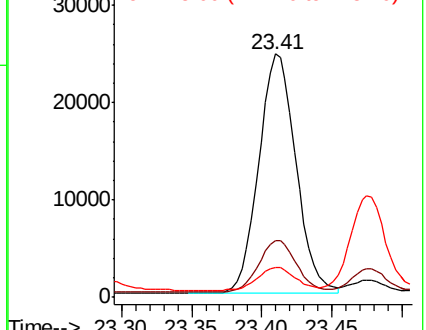
125 12.4 9.2 13.8



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: 0.416 ng

RT: 25.75 min Scan# 3267

Delta R.T. -0.01 min

Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

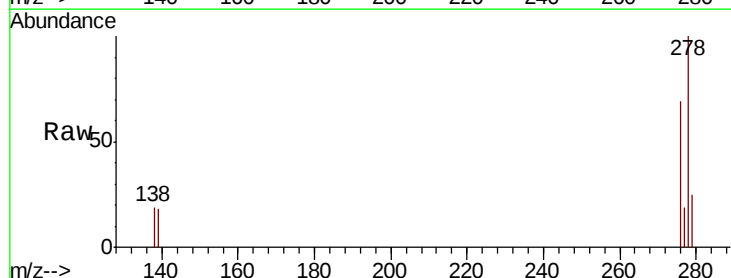
Tgt Ion:278 Resp: 47589

Ion Ratio Lower Upper

278 100

139 17.7 12.5 18.7

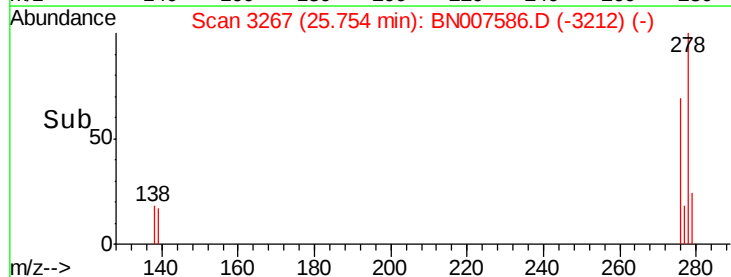
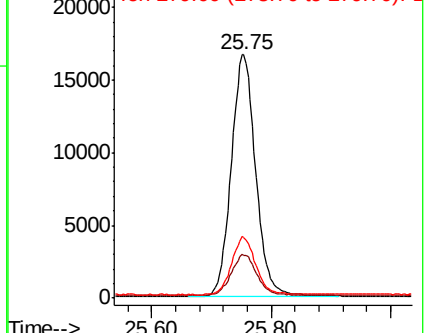
279 25.1 20.2 30.2

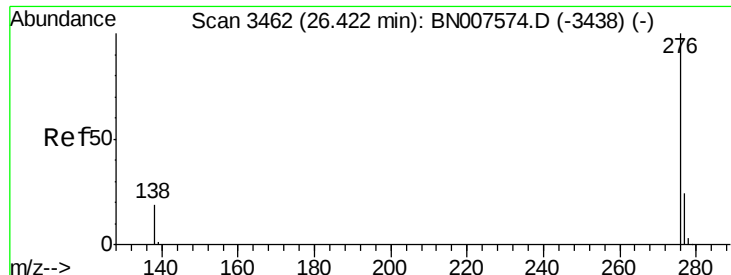


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.399 ng

RT: 26.41 min Scan# 3458

Delta R.T. -0.01 min

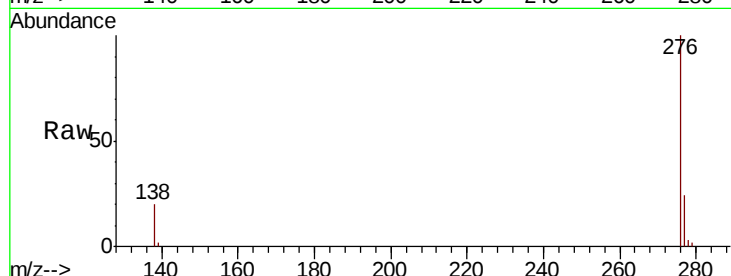
Lab File: BN007586.D

Acq: 11 Sep 2019 13:47

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 46187

Ion Ratio Lower Upper

276 100

277 24.2 19.7 29.5

138 20.3 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

