

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040119\
 Data File : BN005048.D
 Acq On : 01 Apr 2019 15:06
 Operator : JU/SJ
 Sample : PB118407BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118407BSD

Quant Time: Apr 02 01:36:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 03:42:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2814	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	12119	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	7202	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	16959	0.40	ng	0.00
27) Chrysene-d12	21.26	240	18332	0.40	ng	0.00
34) Perylene-d12	23.50	264	16772	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	2639	0.38	ng	0.00
5) Phenol-d6	6.85	99	3153	0.38	ng	0.00
8) Nitrobenzene-d5	8.83	82	2529	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.04	152	7349	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1364	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	10863	0.40	ng	0.01
25) Fluoranthene-d10	19.10	212	18166	0.38	ng	0.00
29) Terphenyl-d14	19.70	244	14934	0.40	ng	0.00

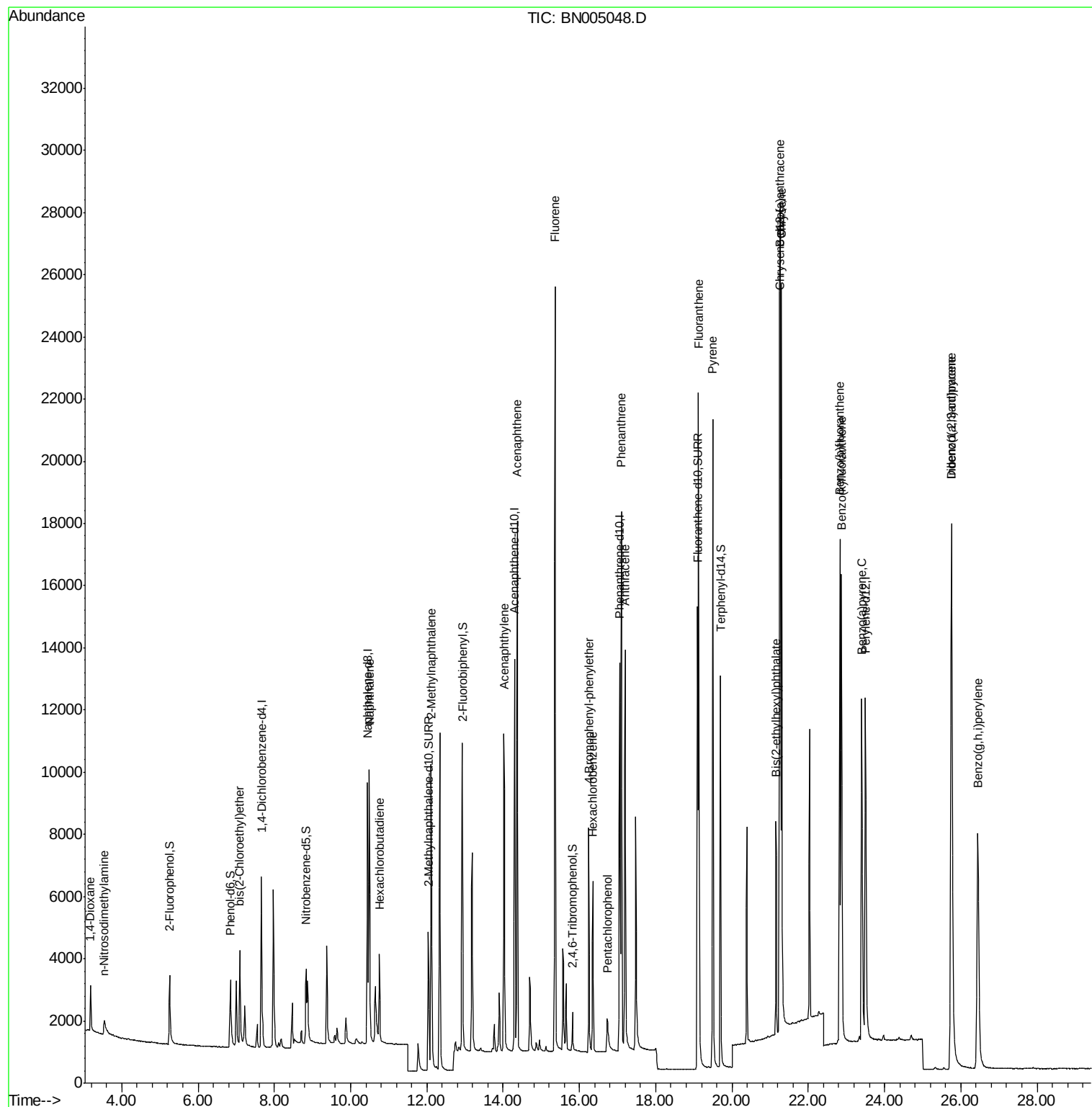
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	1130	0.373	ng	97
3) n-Nitrosodimethylamine	3.54	42	538	0.291	ng	# 92
6) bis(2-Chloroethyl)ether	7.10	93	2858	0.364	ng	96
9) Naphthalene	10.49	128	12198	0.400	ng	100
10) Hexachlorobutadiene	10.76	225	2258	0.399	ng	# 99
12) 2-Methylnaphthalene	12.11	142	8574	0.390	ng	99
16) Acenaphthylene	14.02	152	12615	0.371	ng	100
17) Acenaphthene	14.37	154	8510	0.394	ng	99
18) Fluorene	15.36	166	11345	0.392	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	3701	0.381	ng	97
21) Hexachlorobenzene	16.36	284	4318	0.403	ng	98
22) Pentachlorophenol	16.73	266	1260	0.639	ng	97
23) Phenanthrene	17.10	178	18511	0.390	ng	100
24) Anthracene	17.20	178	15790	0.373	ng	100
26) Fluoranthene	19.13	202	21535	0.370	ng	99
28) Pyrene	19.49	202	21698	0.417	ng	100
30) Benzo(a)anthracene	21.25	228	19591	0.379	ng	99
31) Chrysene	21.30	228	21242	0.381	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	6862	0.317	ng	99
33) Indeno(1,2,3-cd)pyrene	25.75	276	22069	0.352	ng	100
35) Benzo(b)fluoranthene	22.83	252	21362	0.397	ng	100
36) Benzo(k)fluoranthene	22.87	252	20849	0.401	ng	99
37) Benzo(a)pyrene	23.40	252	18511	0.387	ng	100
38) Dibenzo(a,h)anthracene	25.76	278	17920	0.375	ng	99
39) Benzo(g,h,i)perylene	26.45	276	18394	0.382	ng	100

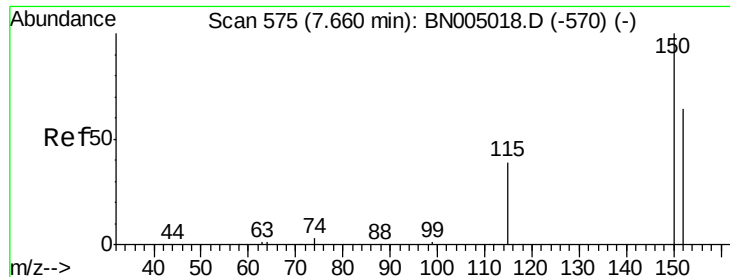
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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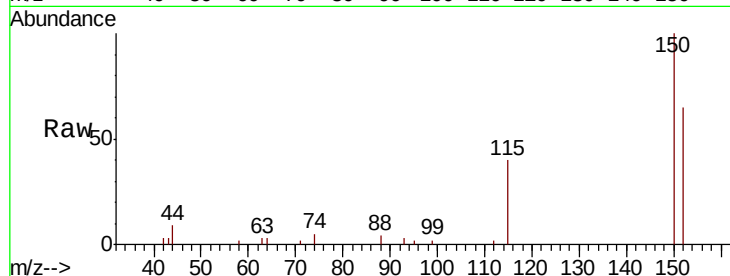


#1

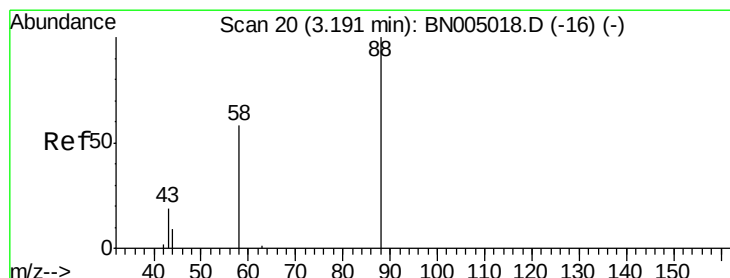
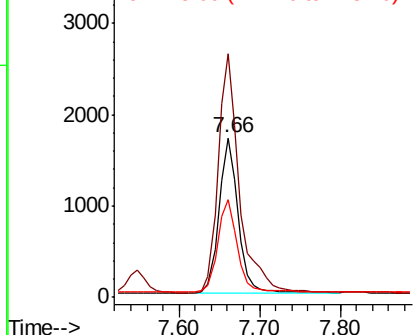
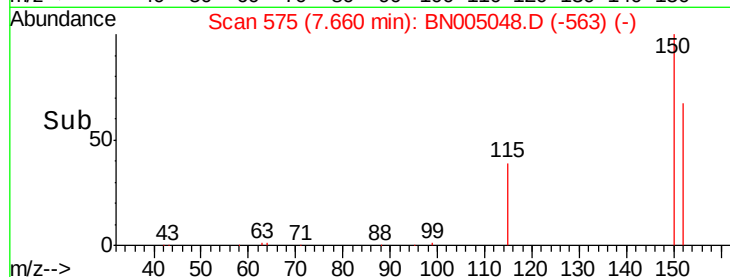
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BN005048.D
Acq: 01 Apr 2019 15:06

Instrument :
BNA_N
ClientSampleId :
PB118407BSD

Tgt Ion: 152 Resp: 2814
Ion Ratio Lower Upper
152 100
150 152.7 123.4 185.2
115 61.1 50.0 75.0



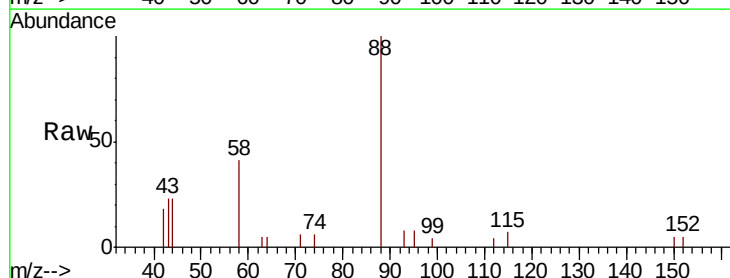
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



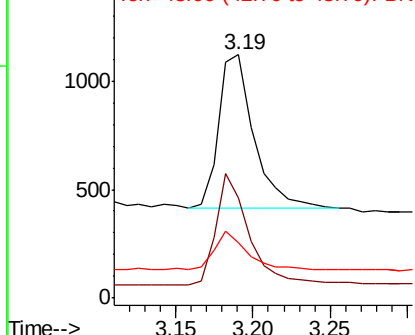
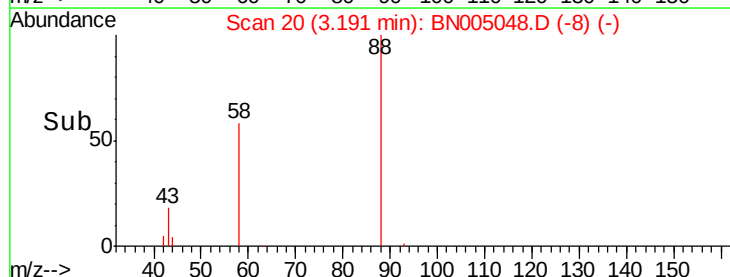
#2

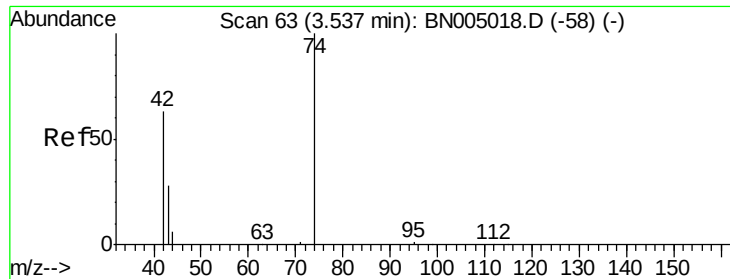
1,4-Dioxane
Concen: 0.373 ng
RT: 3.19 min Scan# 20
Delta R.T. -0.00 min
Lab File: BN005048.D
Acq: 01 Apr 2019 15:06

Tgt Ion: 88 Resp: 1130
Ion Ratio Lower Upper
88 100
58 68.1 52.8 79.2
43 22.7 19.6 29.4



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: 0.291 ng

RT: 3.54 min Scan# 64

Delta R.T. 0.01 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

Instrument :

BNA_N

ClientSampleId :

PB118407BSD

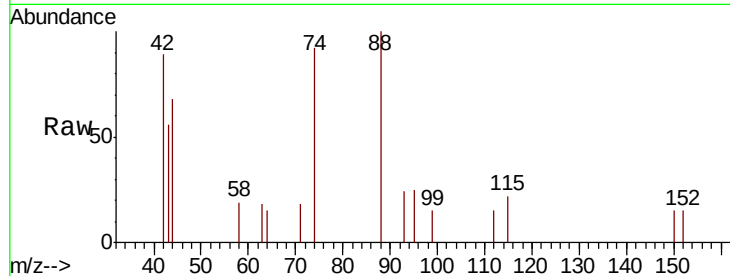
Tgt Ion: 42 Resp: 538

Ion Ratio Lower Upper

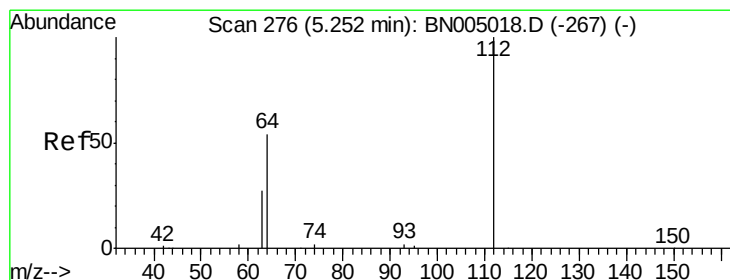
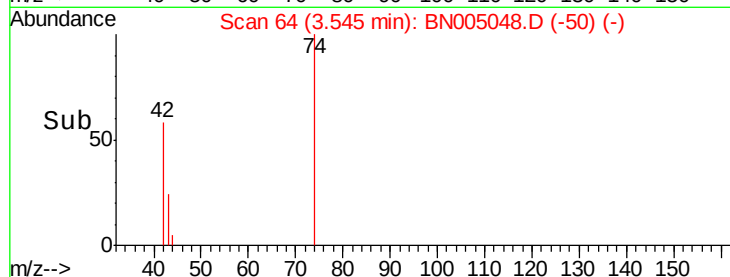
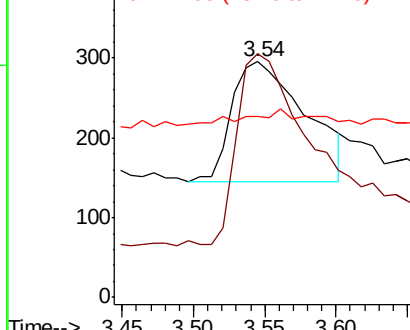
42 100

74 151.1 129.1 193.7

44 10.0 11.6 17.4#



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: 0.376 ng

RT: 5.25 min Scan# 276

Delta R.T. -0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

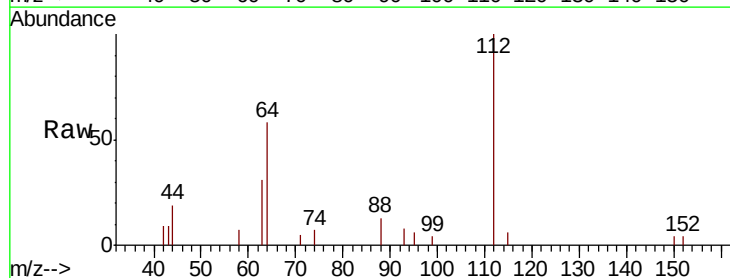
Tgt Ion: 112 Resp: 2639

Ion Ratio Lower Upper

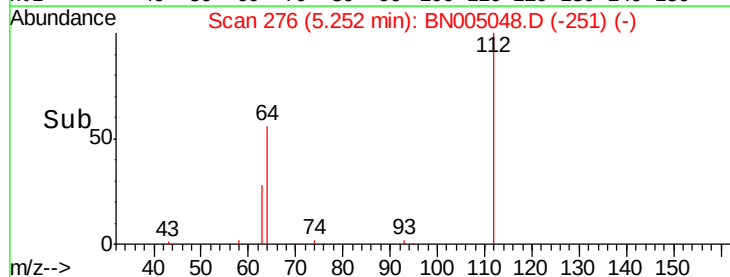
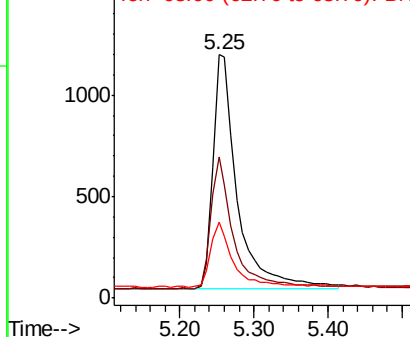
112 100

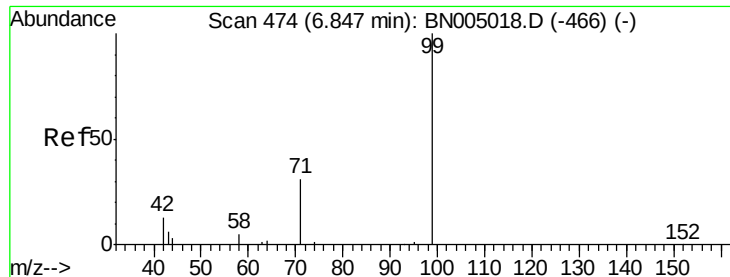
64 52.6 41.9 62.9

63 25.6 21.5 32.3



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: 0.379 ng

RT: 6.85 min Scan# 474

Delta R.T. -0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

Instrument :

BNA_N

ClientSampleId :

PB118407BSD

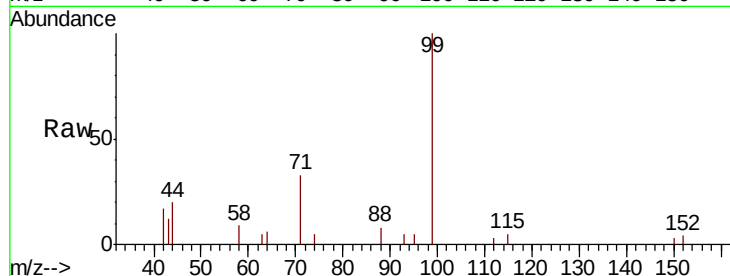
Tgt Ion: 99 Resp: 3153

Ion Ratio Lower Upper

99 100

42 14.7 12.2 18.2

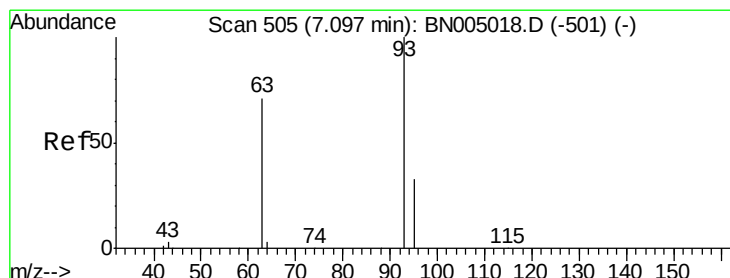
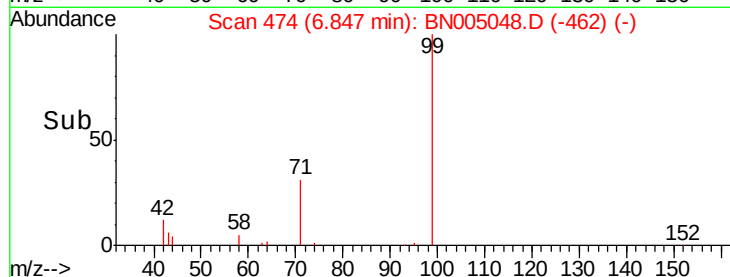
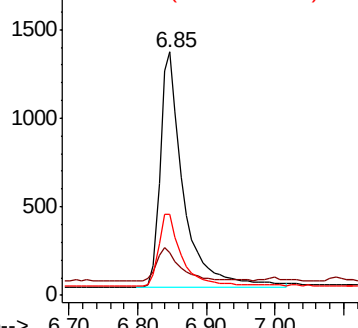
71 31.7 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN005048.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN005048.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN005048.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.364 ng

RT: 7.10 min Scan# 505

Delta R.T. -0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

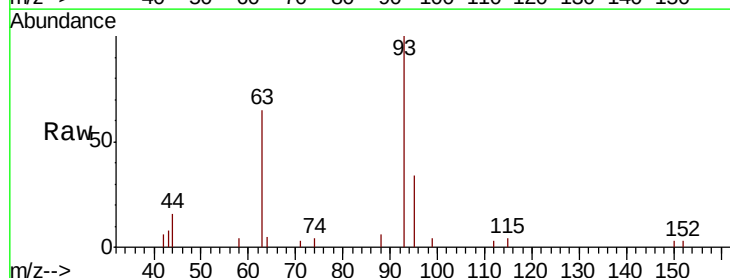
Tgt Ion: 93 Resp: 2858

Ion Ratio Lower Upper

93 100

63 67.4 51.8 77.6

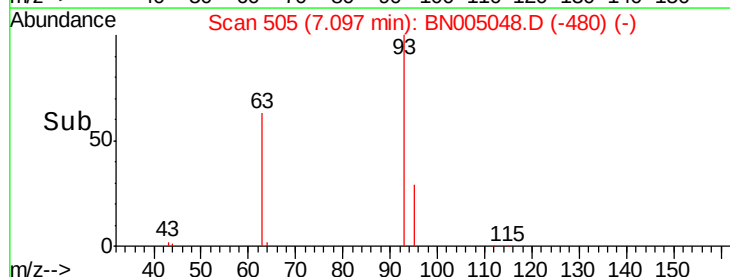
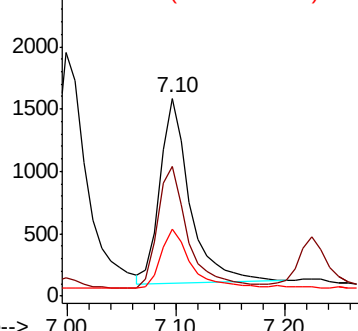
95 34.0 24.8 37.2

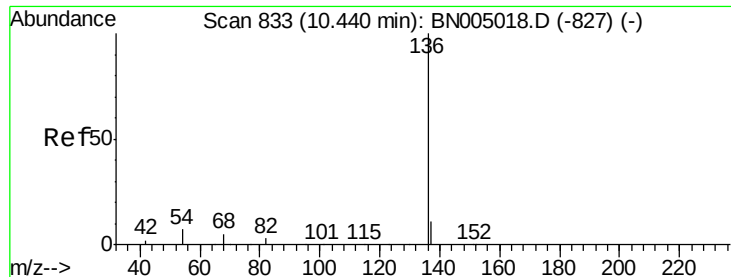


Abundance Ion 93.00 (92.70 to 93.70): BN005048.D (-480) (-)

Ion 63.00 (62.70 to 63.70): BN005048.D (-480) (-)

Ion 95.00 (94.70 to 95.70): BN005048.D (-480) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

Instrument :

BNA_N

ClientSampleId :

PB118407BSD

Tgt Ion:136 Resp: 12119

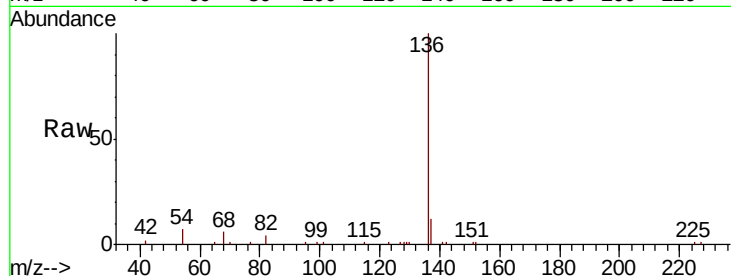
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 6.7 6.0 9.0

68 5.7 5.0 7.6

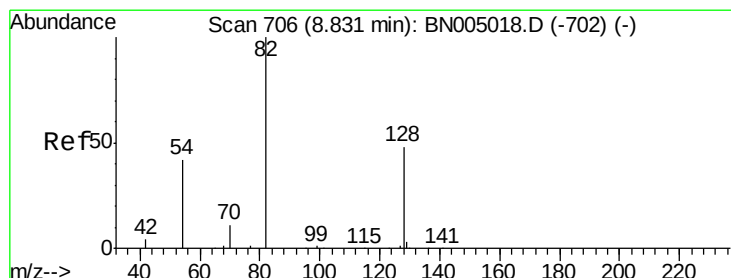
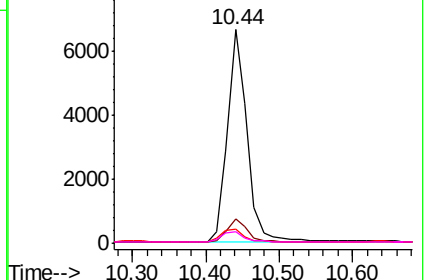
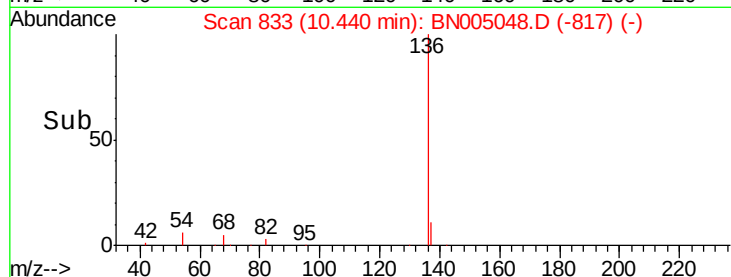


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.360 ng

RT: 8.83 min Scan# 706

Delta R.T. -0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

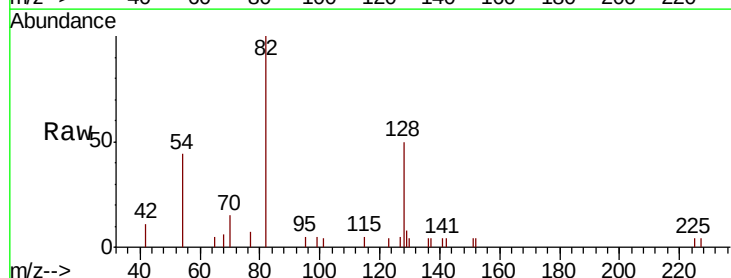
Tgt Ion: 82 Resp: 2529

Ion Ratio Lower Upper

82 100

128 49.9 40.5 60.7

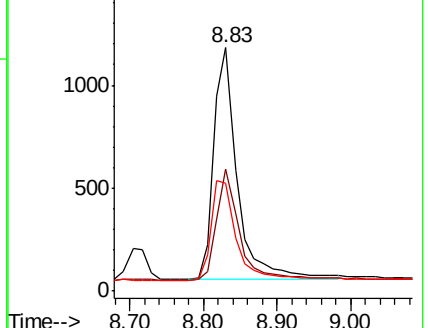
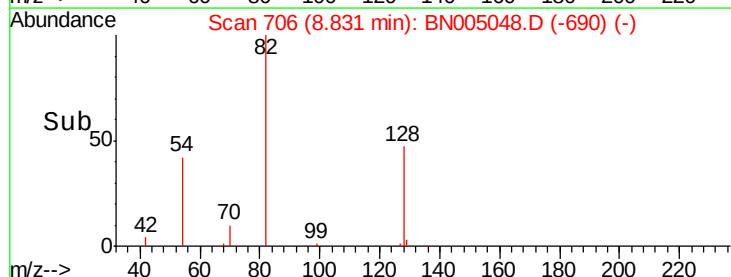
54 44.3 35.7 53.5

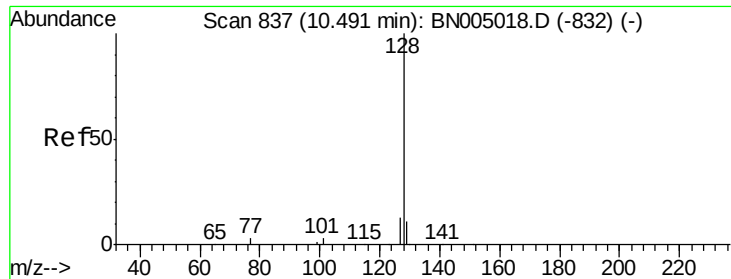


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

Instrument :

BNA_N

ClientSampleId :

PB118407BSD

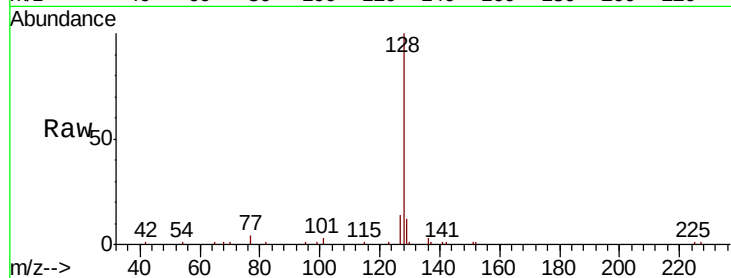
Tgt Ion:128 Resp: 12198

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

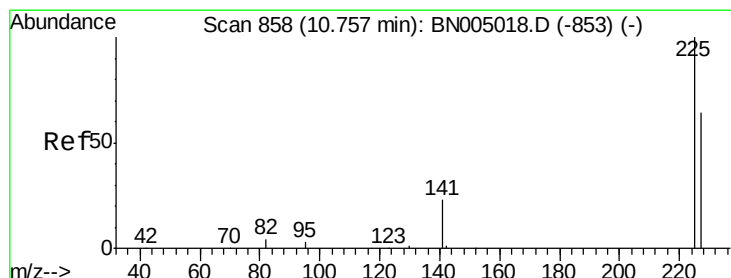
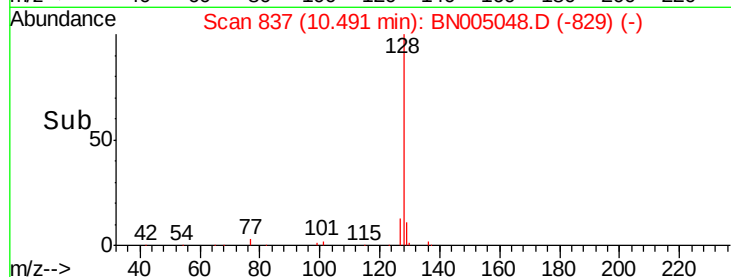
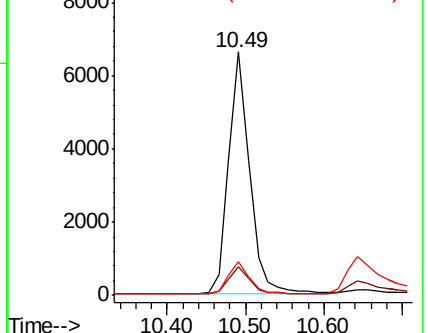
127 13.7 11.0 16.6



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: 0.399 ng

RT: 10.76 min Scan# 858

Delta R.T. -0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

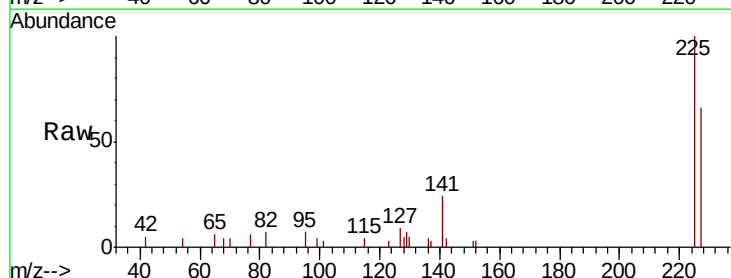
Tgt Ion:225 Resp: 2258

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

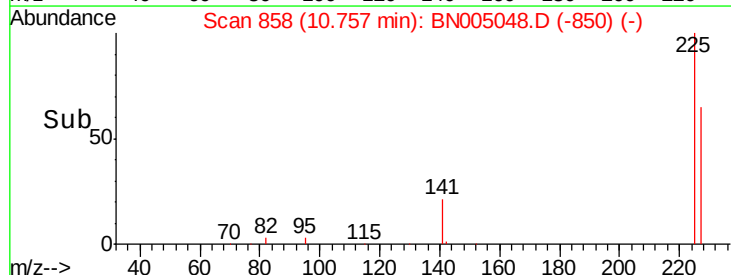
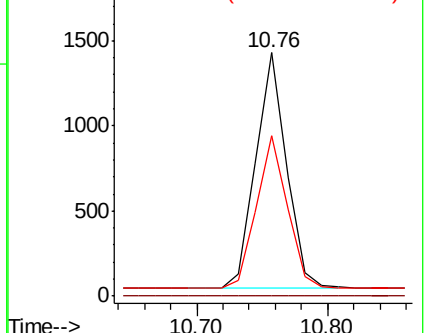
227 65.1 51.5 77.3

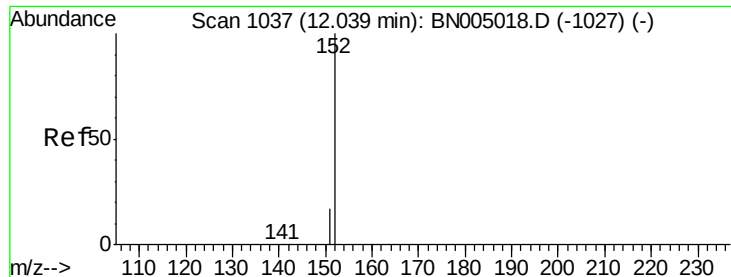


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

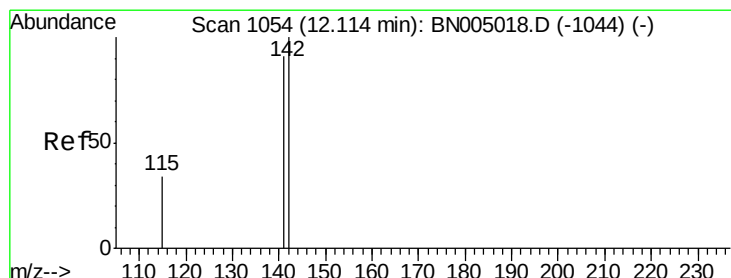
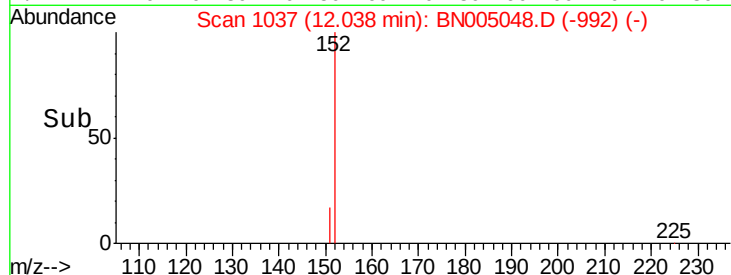
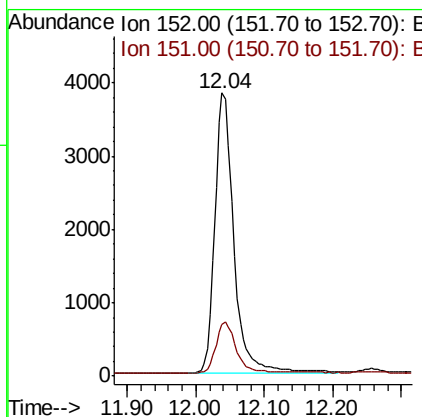
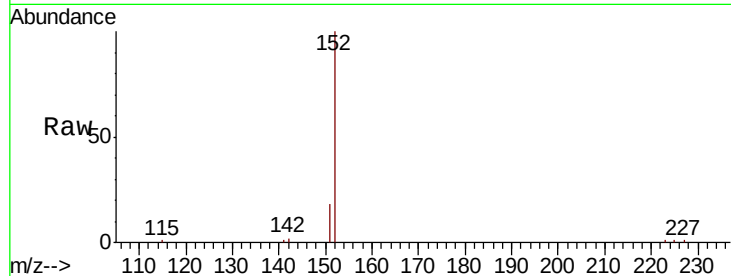




#11
 2-Methylnaphthalene-d10
 Concen: 0.391 ng
 RT: 12.04 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BN005048.D
 Acq: 01 Apr 2019 15:06

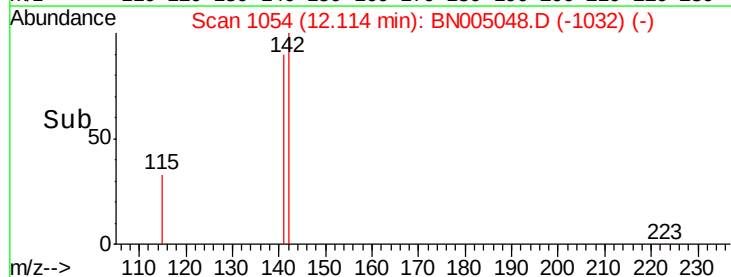
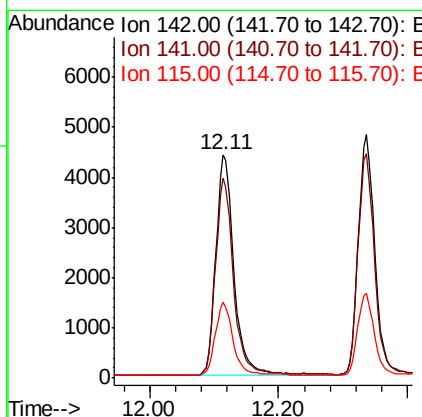
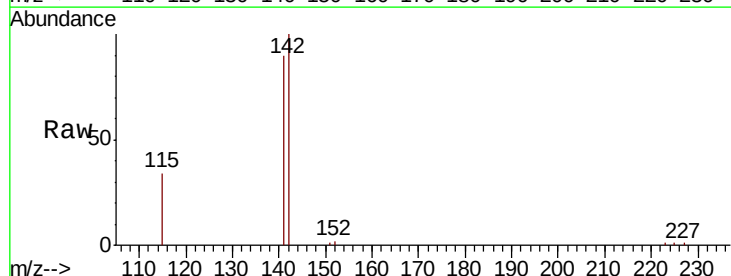
Instrument :
 BNA_N
 ClientSampleId :
 PB118407BSD

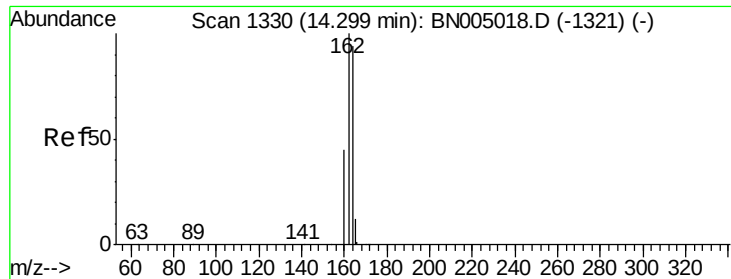
Tgt Ion:152 Resp: 7349
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.390 ng
 RT: 12.11 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BN005048.D
 Acq: 01 Apr 2019 15:06

Tgt Ion:142 Resp: 8574
 Ion Ratio Lower Upper
 142 100
 141 89.6 72.6 108.8
 115 34.3 27.8 41.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

Instrument :

BNA_N

ClientSampleId :

PB118407BSD

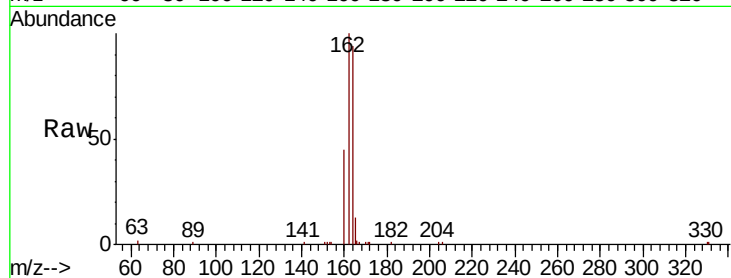
Tgt Ion:164 Resp: 7202

Ion Ratio Lower Upper

164 100

162 106.5 85.3 127.9

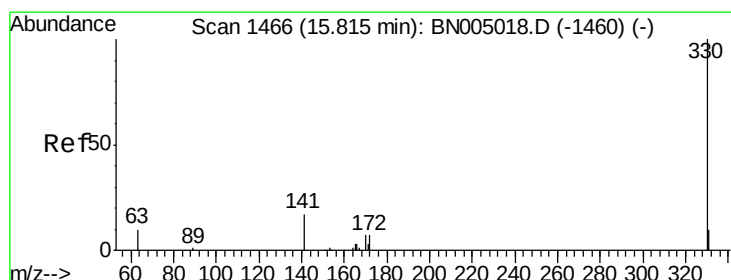
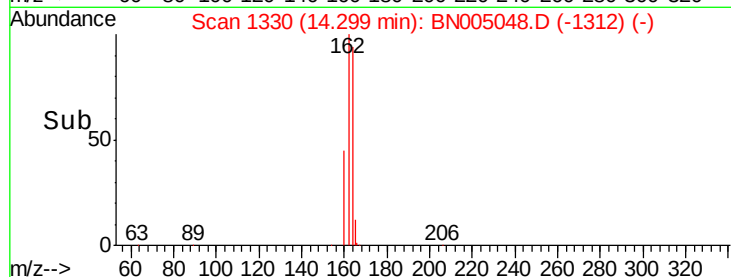
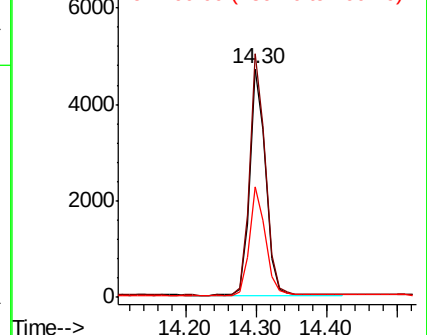
160 48.1 39.2 58.8



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: 0.338 ng

RT: 15.81 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

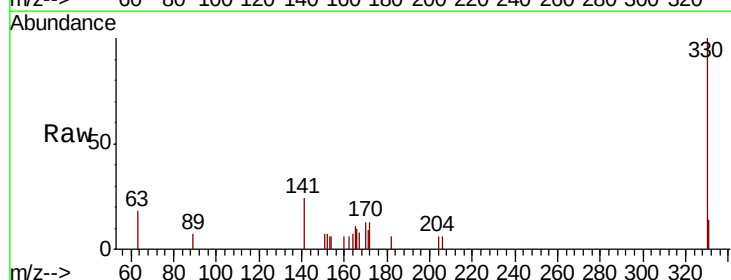
Tgt Ion:330 Resp: 1364

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

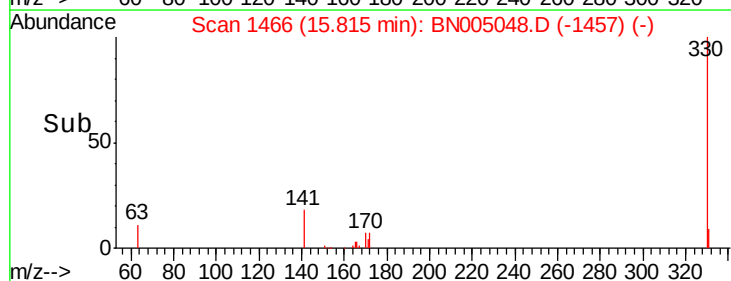
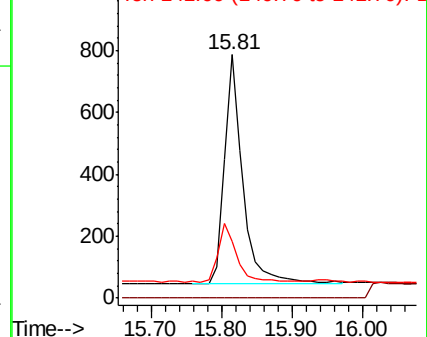
141 25.2 21.3 31.9

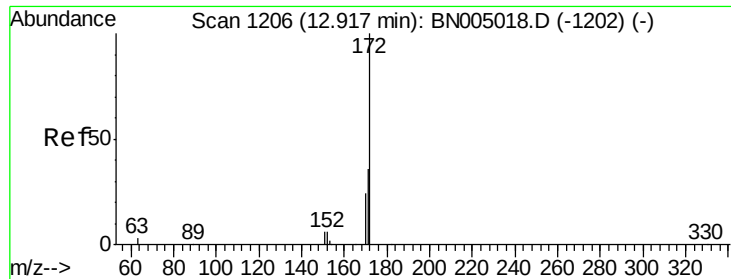


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

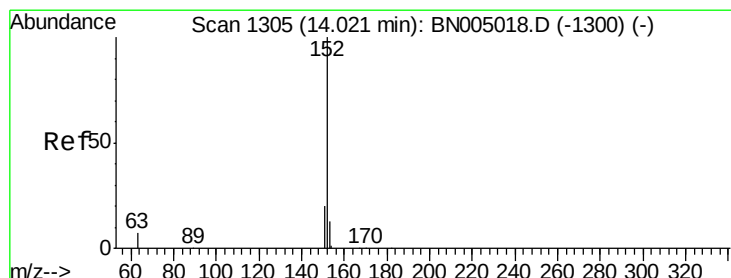
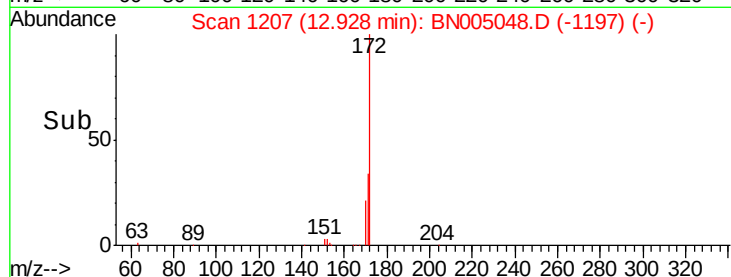
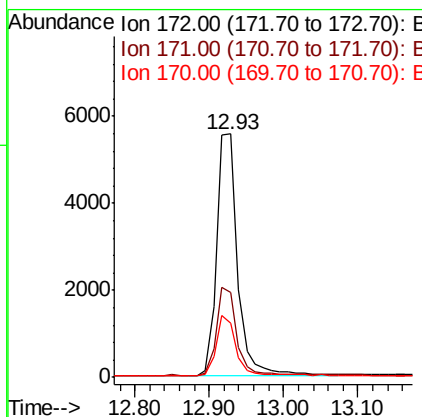
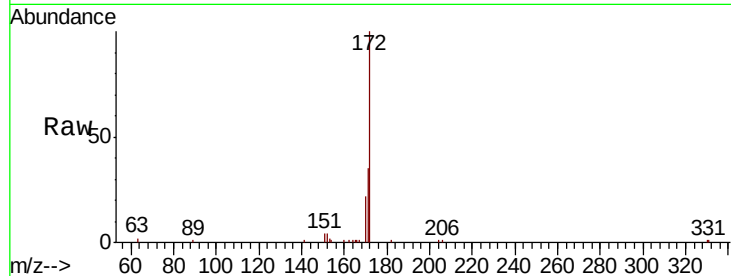




#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.93 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BN005048.D
Acq: 01 Apr 2019 15:06

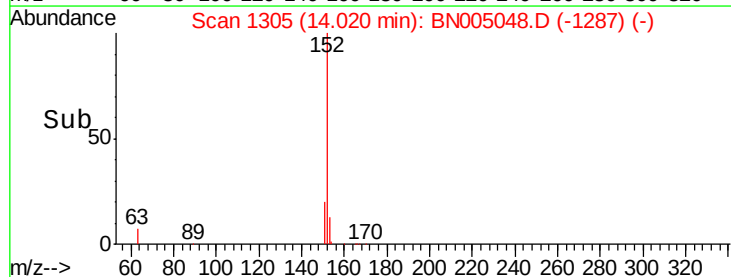
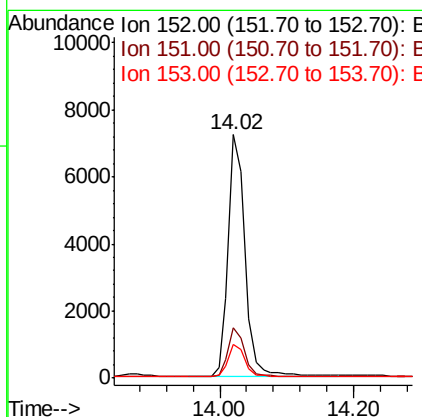
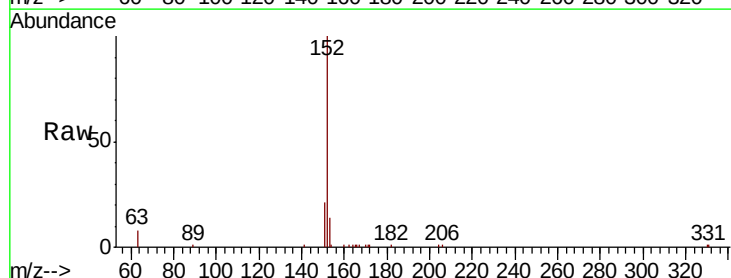
Instrument :
BNA_N
ClientSampleId :
PB118407BSD

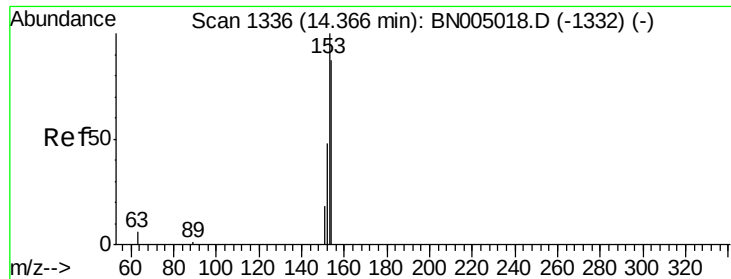
Tgt Ion:172 Resp: 10863
Ion Ratio Lower Upper
172 100
171 34.8 29.4 44.0
170 22.1 20.0 30.0



#16
Acenaphthylene
Concen: 0.371 ng
RT: 14.02 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BN005048.D
Acq: 01 Apr 2019 15:06

Tgt Ion:152 Resp: 12615
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.2 10.6 15.8





#17

Acenaphthene

Concen: 0.394 ng

RT: 14.37 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

Instrument :

BNA_N

ClientSampleId :

PB118407BSD

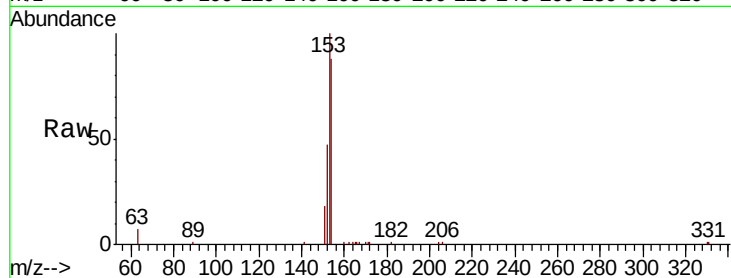
Tgt Ion:154 Resp: 8510

Ion Ratio Lower Upper

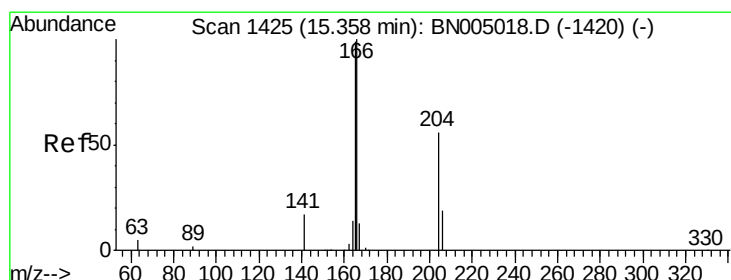
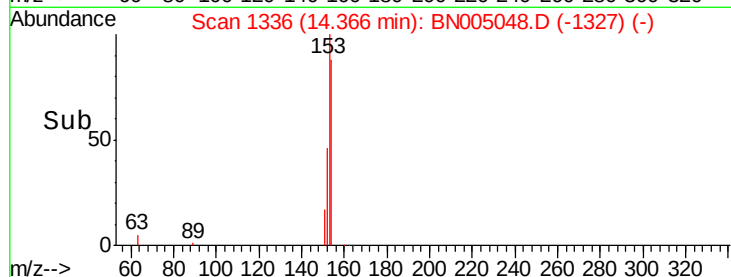
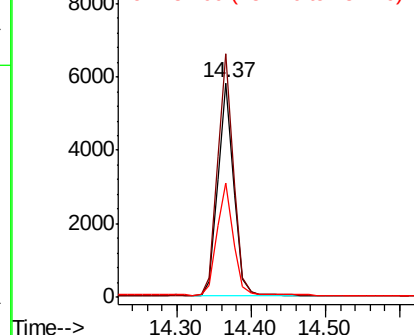
154 100

153 114.3 92.1 138.1

152 54.3 44.2 66.2



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: 0.392 ng

RT: 15.36 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

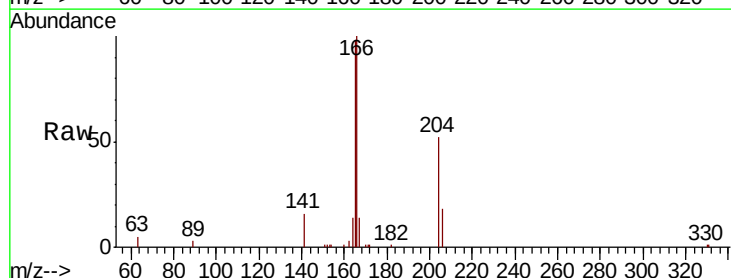
Tgt Ion:166 Resp: 11345

Ion Ratio Lower Upper

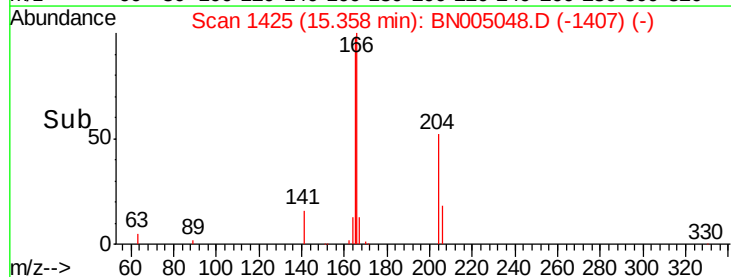
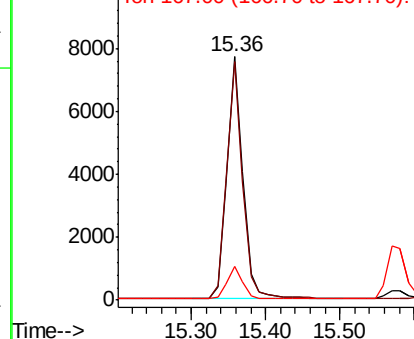
166 100

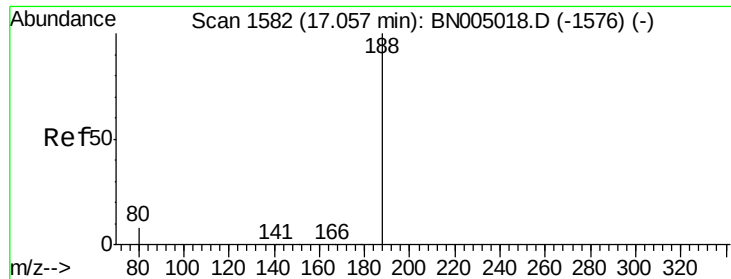
165 97.8 78.7 118.1

167 13.5 10.9 16.3



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: 17.06 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

Instrument :

BNA_N

ClientSampleId :

PB118407BSD

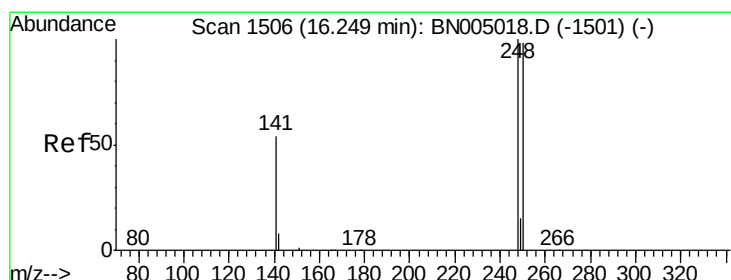
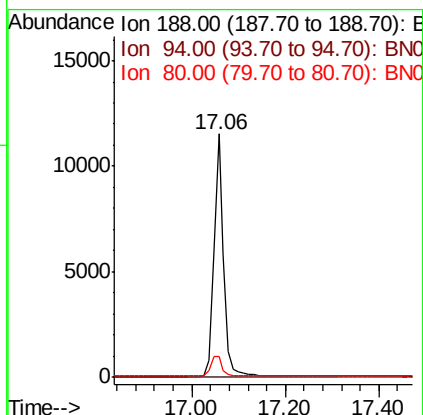
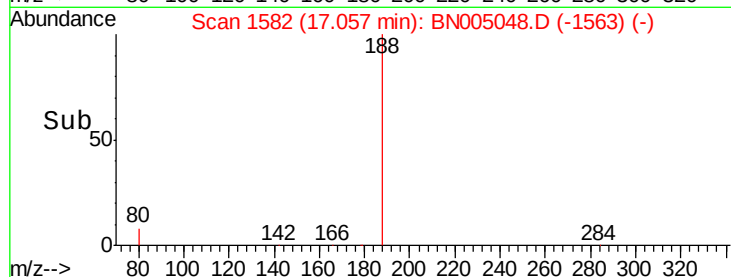
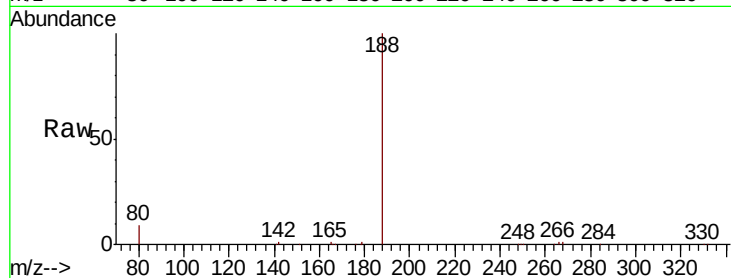
Tgt Ion:188 Resp: 16959

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.6 6.9 10.3



#20

4-Bromophenyl-phenylether

Concen: 0.381 ng

RT: 16.25 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

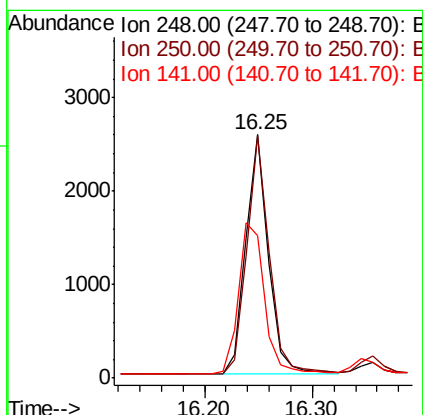
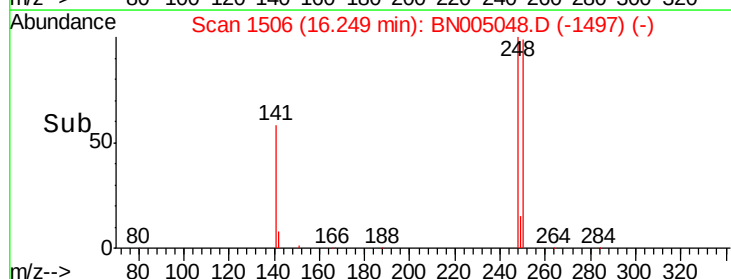
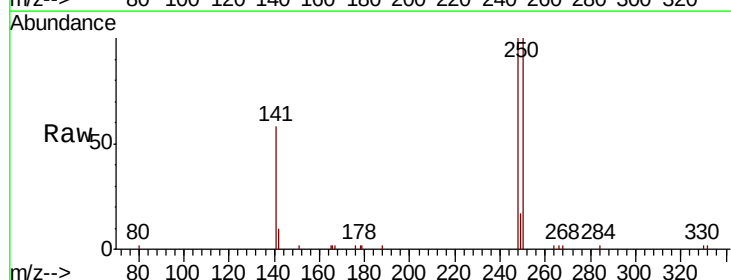
Tgt Ion:248 Resp: 3701

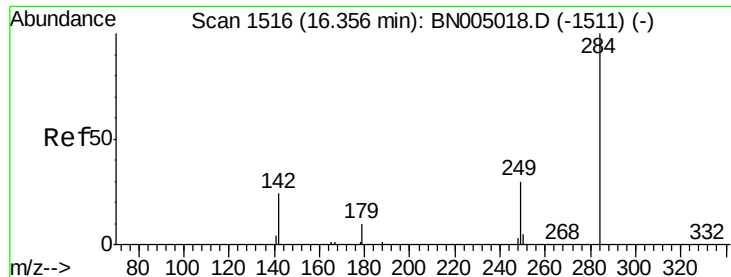
Ion Ratio Lower Upper

248 100

250 99.6 78.6 117.8

141 58.5 43.6 65.4





#21

Hexachlorobenzene

Concen: 0.403 ng

RT: 16.36 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

Instrument :

BNA_N

ClientSampleId :

PB118407BSD

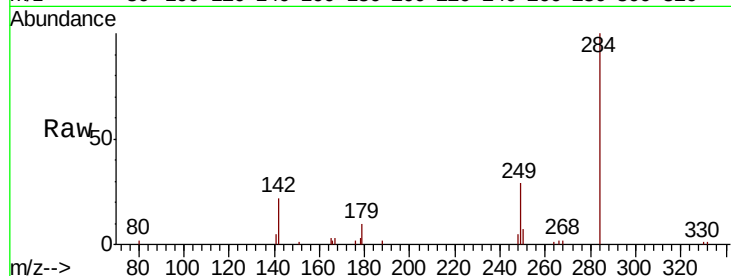
Tgt Ion:284 Resp: 4318

Ion Ratio Lower Upper

284 100

142 29.5 24.9 37.3

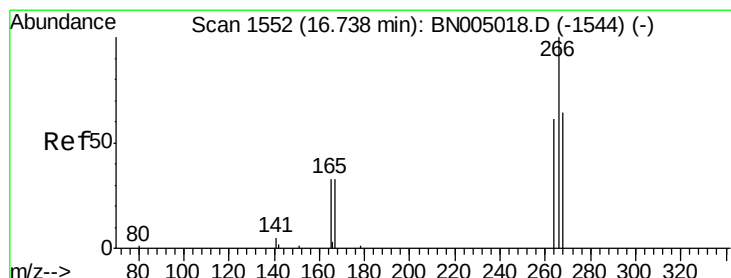
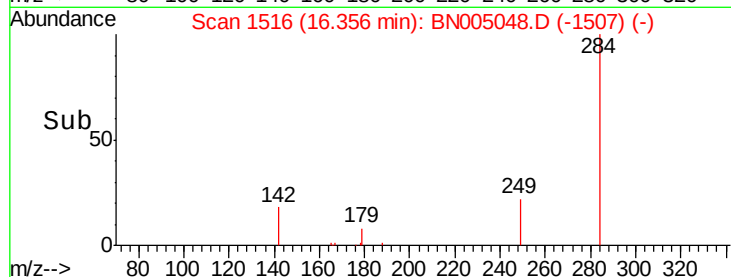
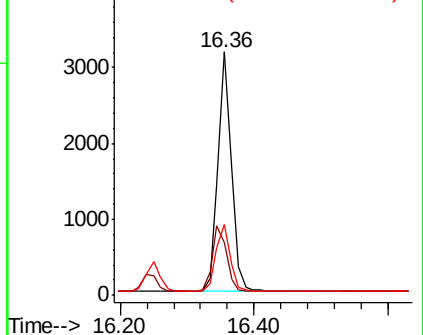
249 29.4 23.8 35.6



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: 0.639 ng

RT: 16.73 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

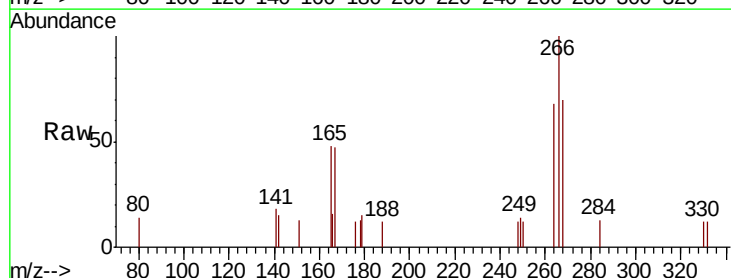
Tgt Ion:266 Resp: 1260

Ion Ratio Lower Upper

266 100

264 68.3 53.4 80.0

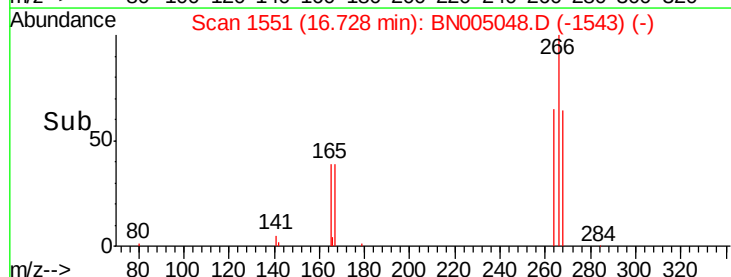
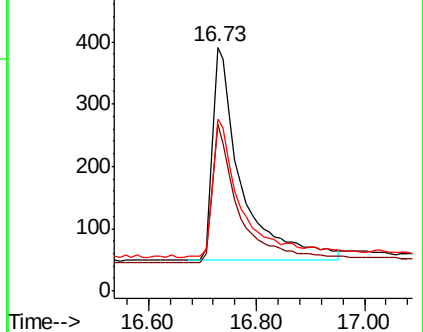
268 70.3 58.9 88.3

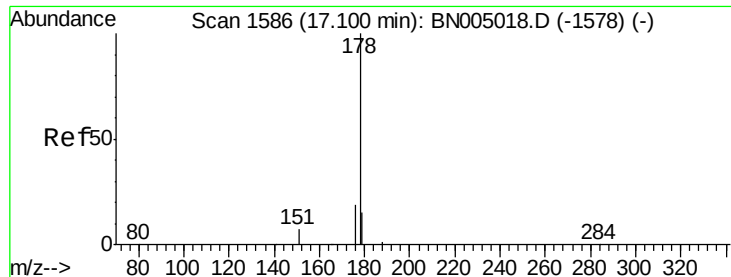


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.390 ng

RT: 17.10 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

Instrument :

BNA_N

ClientSampleId :

PB118407BSD

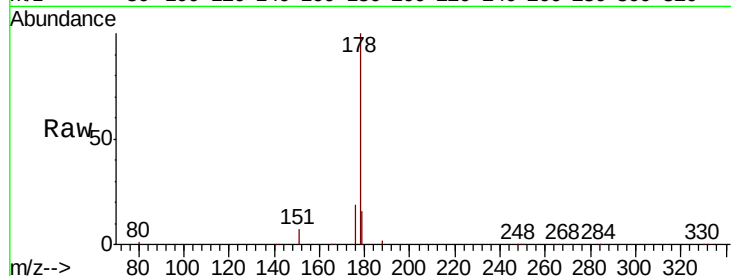
Tgt Ion:178 Resp: 18511

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

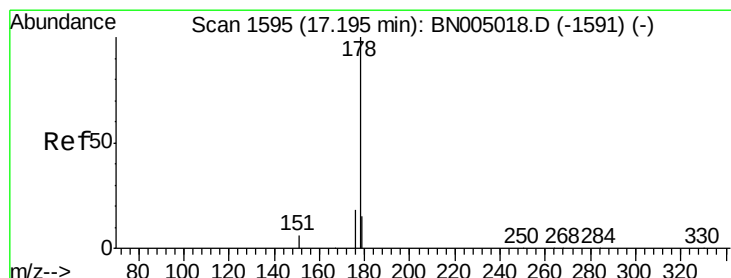
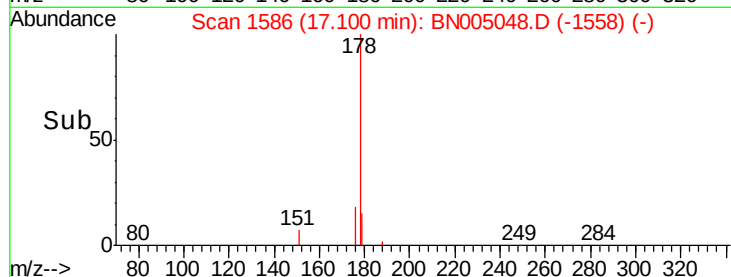
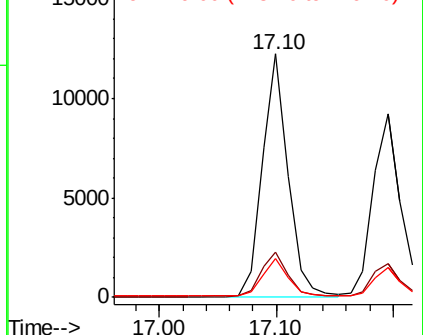
179 15.4 12.2 18.2



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: 0.373 ng

RT: 17.20 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

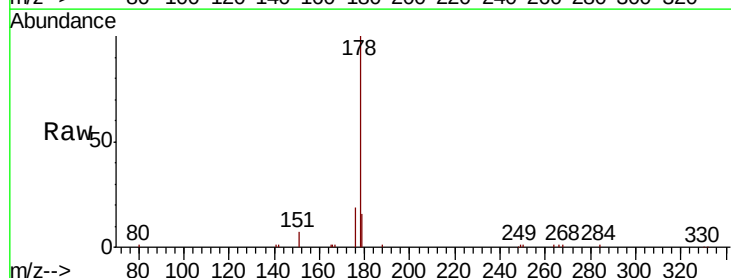
Tgt Ion:178 Resp: 15790

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

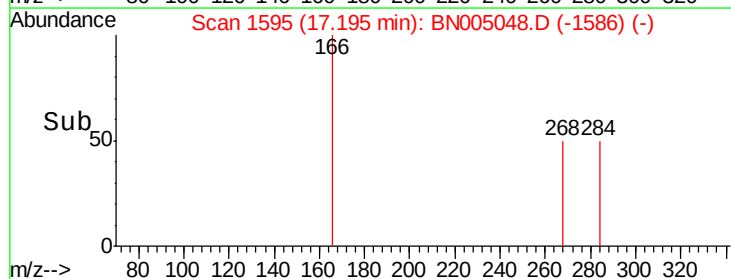
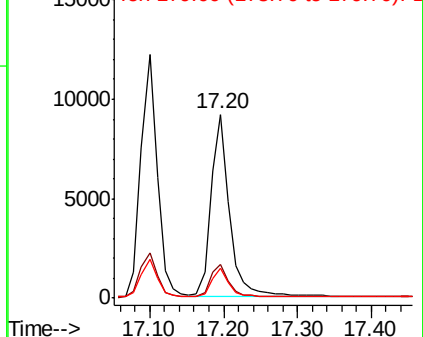
179 15.3 12.3 18.5

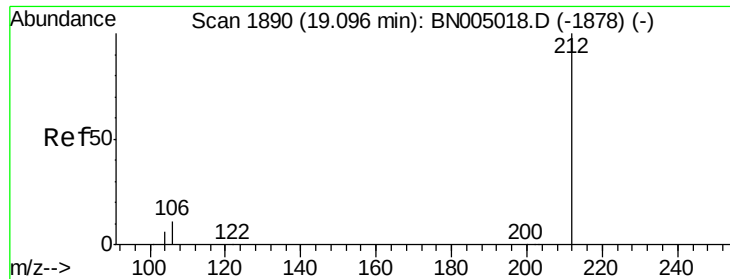


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.10 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

Instrument :

BNA_N

ClientSampleId :

PB118407BSD

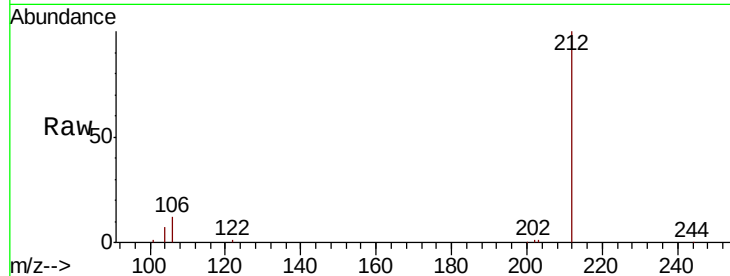
Tgt Ion: 212 Resp: 18166

Ion Ratio Lower Upper

212 100

106 12.0 9.4 14.2

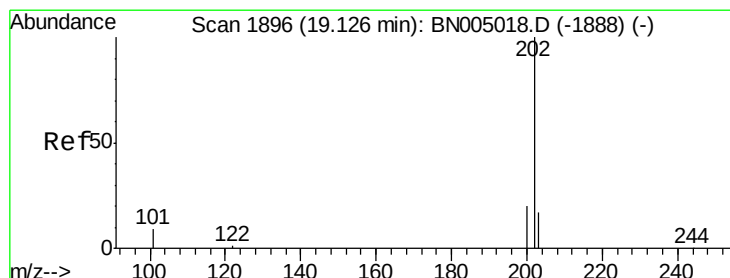
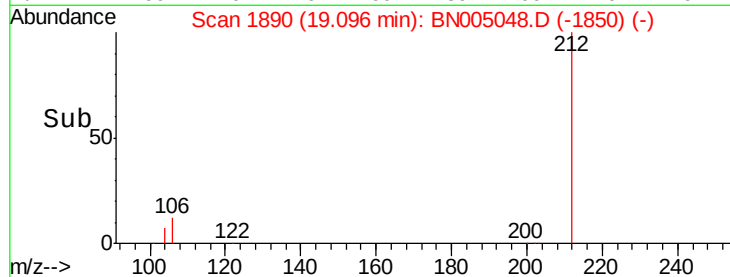
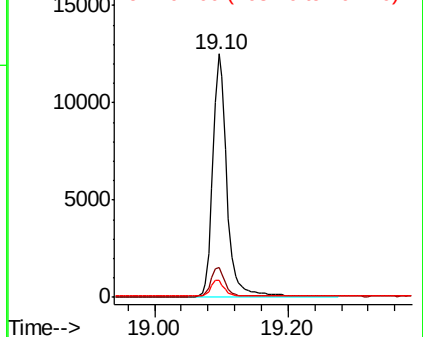
104 6.5 5.4 8.0



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: 0.370 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

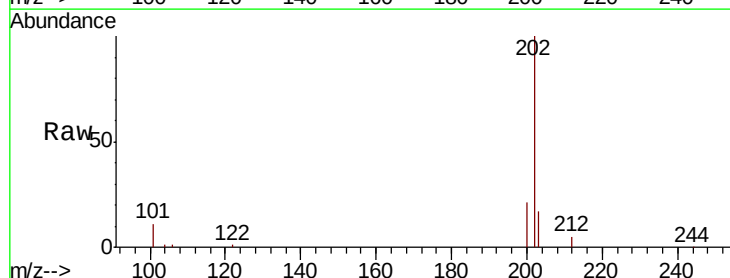
Tgt Ion: 202 Resp: 21535

Ion Ratio Lower Upper

202 100

101 10.4 8.2 12.2

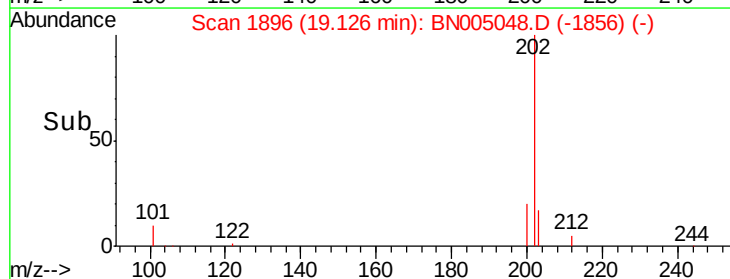
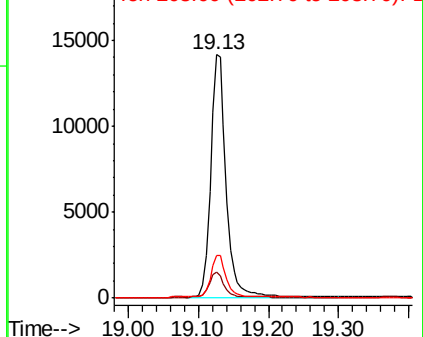
203 17.1 13.8 20.8

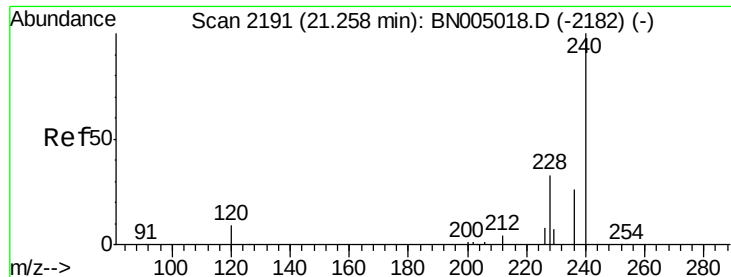


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.26 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

Instrument :

BNA_N

ClientSampleId :

PB118407BSD

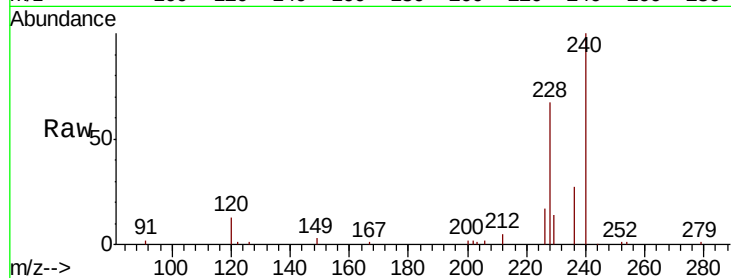
Tgt Ion:240 Resp: 18332

Ion Ratio Lower Upper

240 100

120 13.1 7.4 11.0#

236 26.9 21.0 31.6

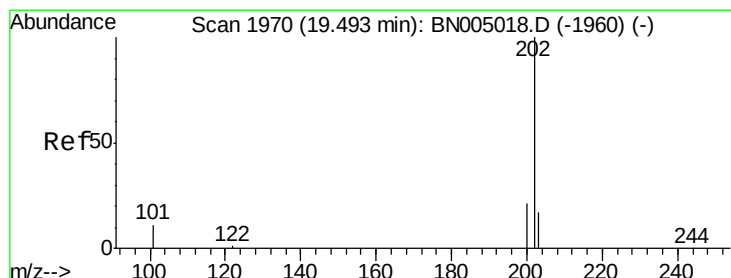
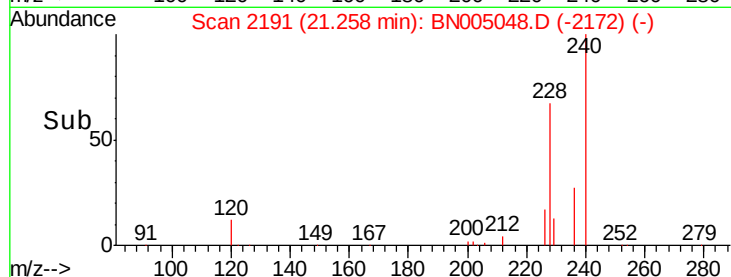
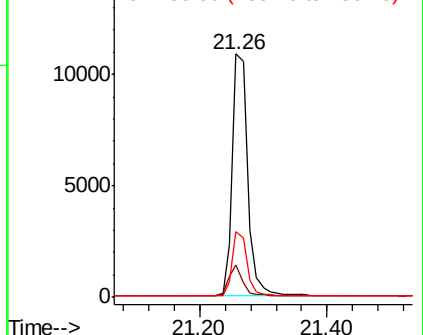


Abundance

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: 0.417 ng

RT: 19.49 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

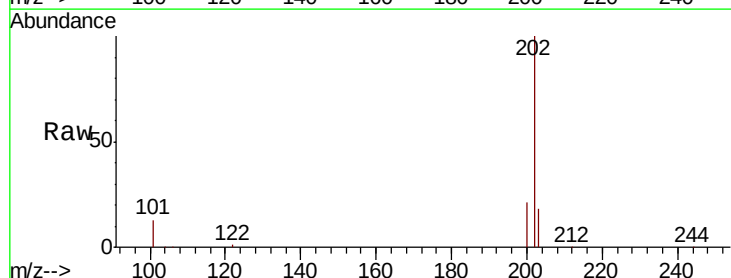
Tgt Ion:202 Resp: 21698

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

203 17.5 13.9 20.9

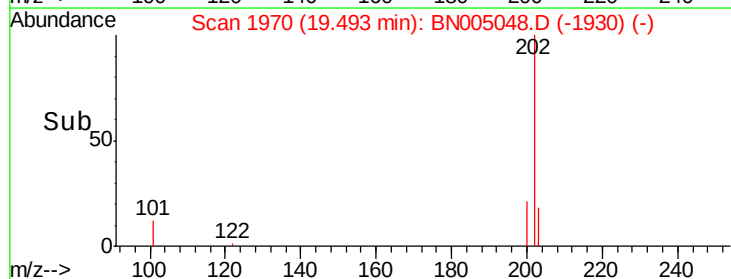
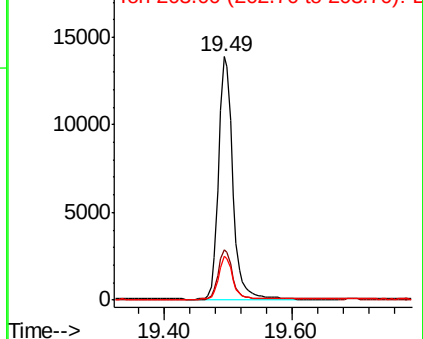


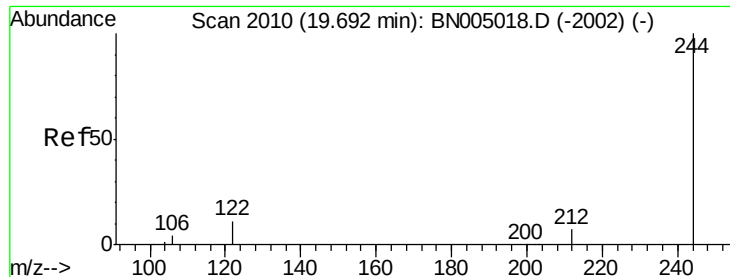
Abundance

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

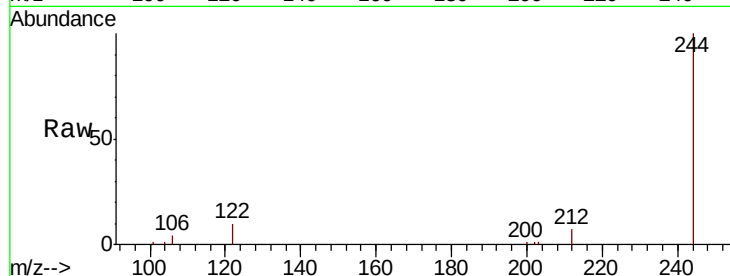




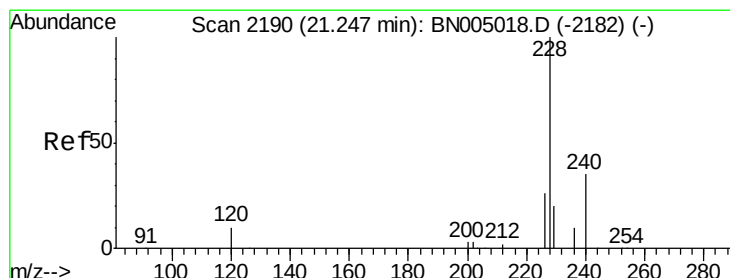
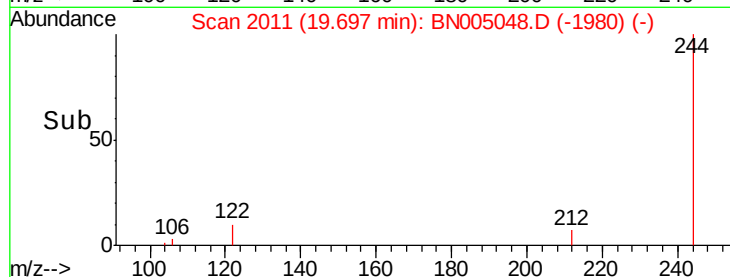
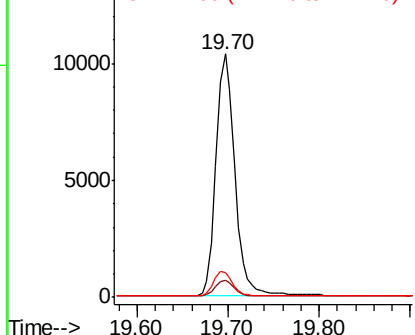
#29
 Terphenyl-d14
 Concen: 0.396 ng
 RT: 19.70 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BN005048.D
 Acq: 01 Apr 2019 15:06

Instrument :
 BNA_N
 ClientSampleId :
 PB118407BSD

Tgt Ion:244 Resp: 14934
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.4 9.0 13.4

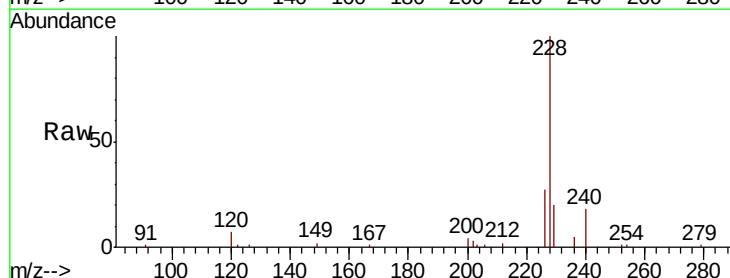


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

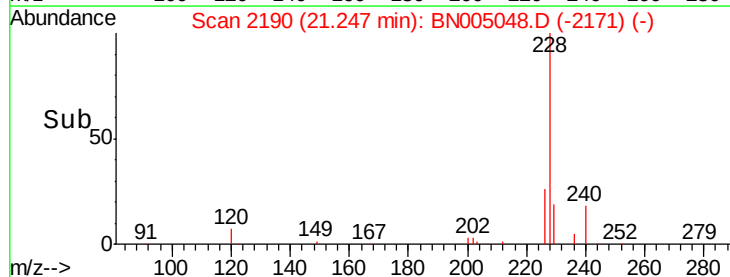
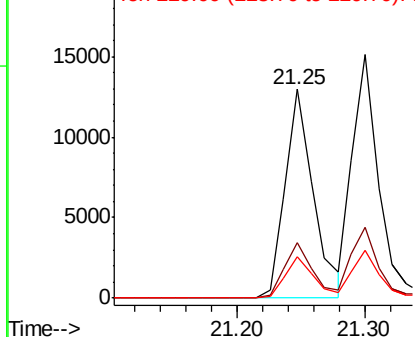


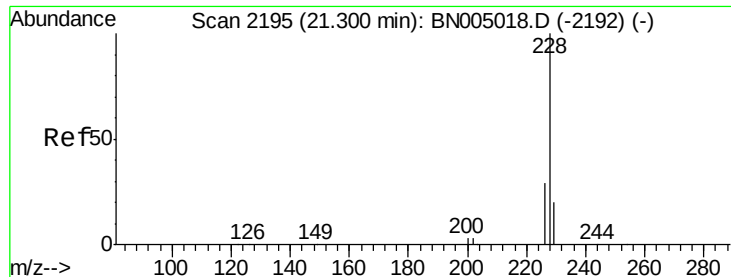
#30
 Benzo(a)anthracene
 Concen: 0.379 ng
 RT: 21.25 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: BN005048.D
 Acq: 01 Apr 2019 15:06

Tgt Ion:228 Resp: 19591
 Ion Ratio Lower Upper
 228 100
 226 26.7 20.9 31.3
 229 19.7 16.2 24.2



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: 0.381 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

Instrument :

BNA_N

ClientSampleId :

PB118407BSD

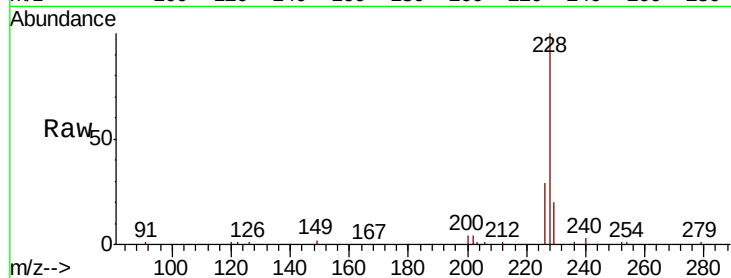
Tgt Ion:228 Resp: 21242

Ion Ratio Lower Upper

228 100

226 29.1 22.8 34.2

229 19.9 16.2 24.4

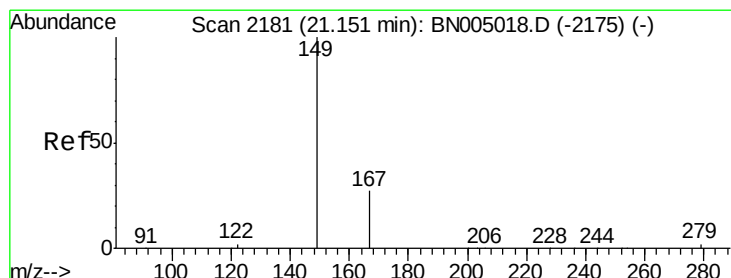
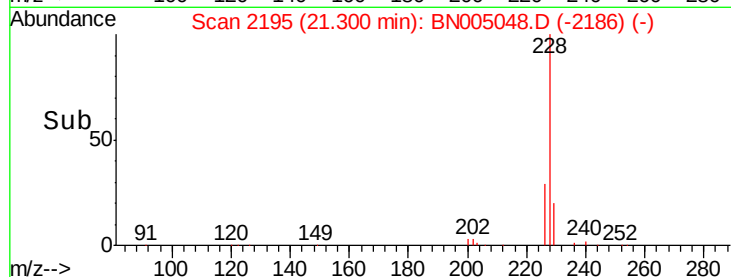
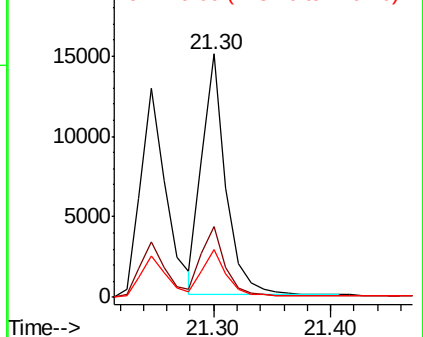


Abundance

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: 0.317 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

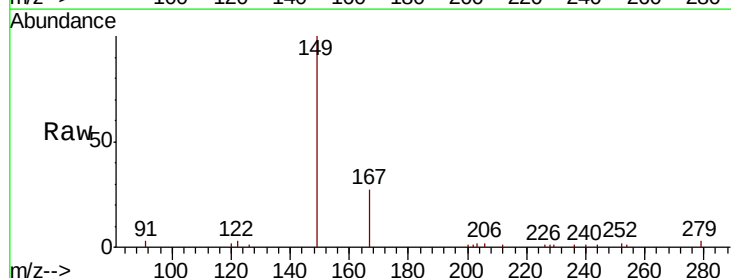
Tgt Ion:149 Resp: 6862

Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.4

279 5.4 4.2 6.4

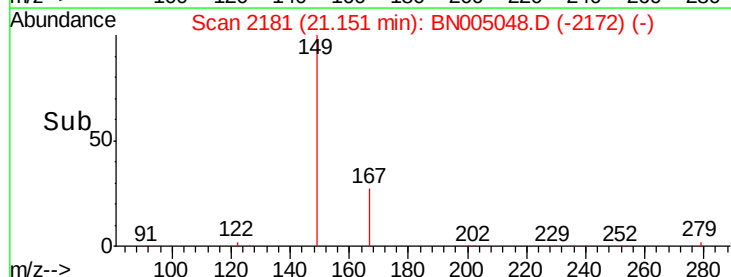
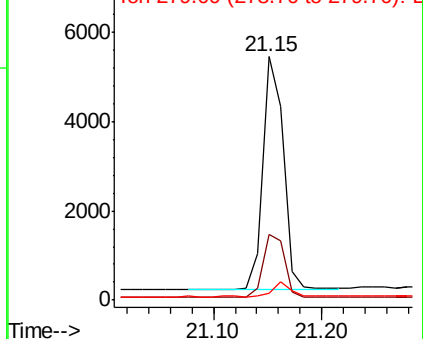


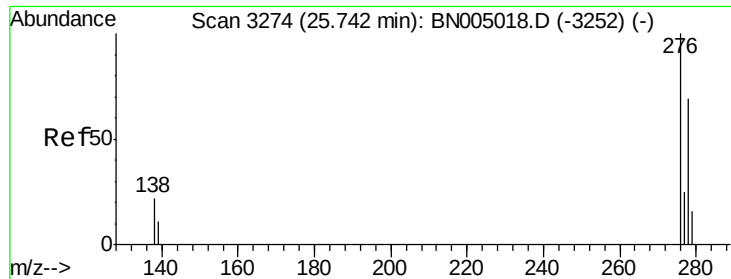
Abundance

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: 0.352 ng

RT: 25.75 min Scan# 3277

Delta R.T. 0.01 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

Instrument :

BNA_N

ClientSampleId :

PB118407BSD

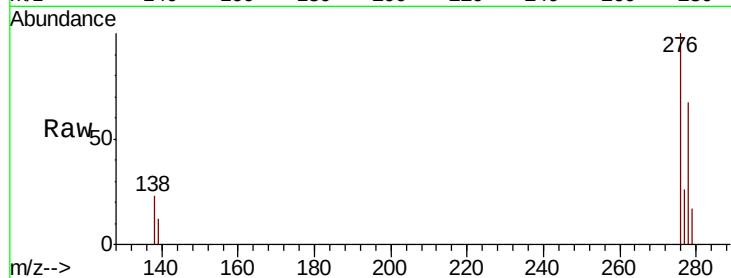
Tgt Ion:276 Resp: 22069

Ion Ratio Lower Upper

276 100

138 22.4 18.2 27.2

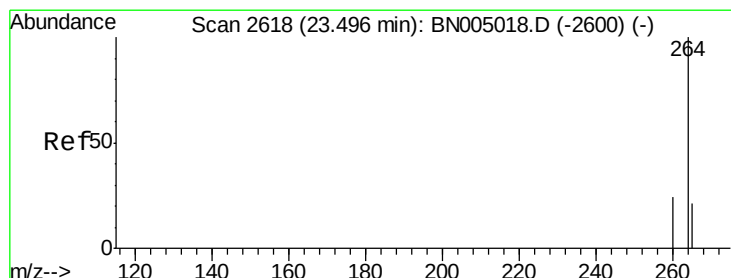
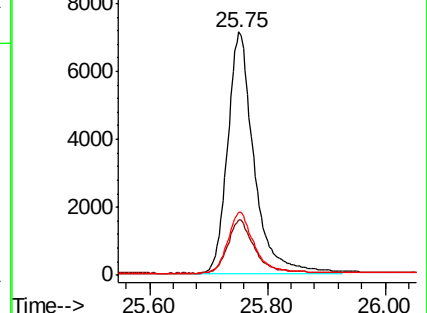
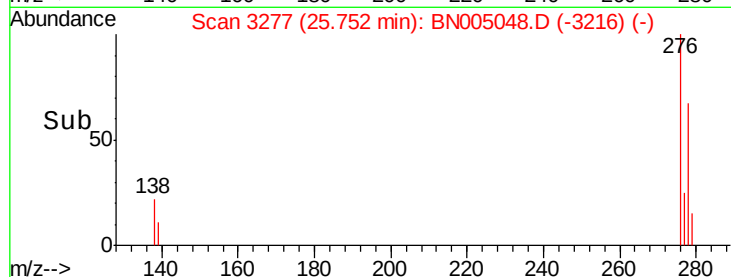
277 25.4 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.50 min Scan# 2619

Delta R.T. 0.00 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

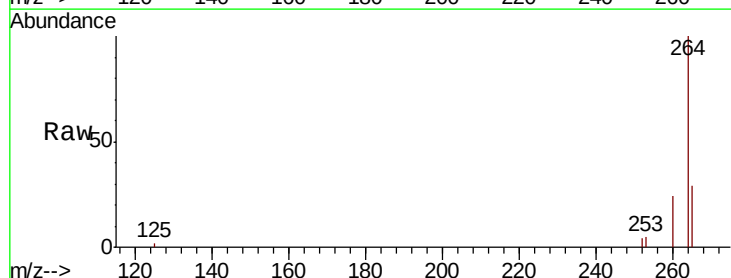
Tgt Ion:264 Resp: 16772

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

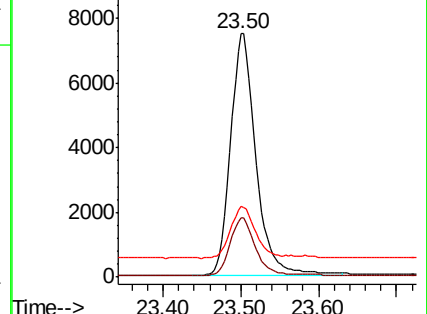
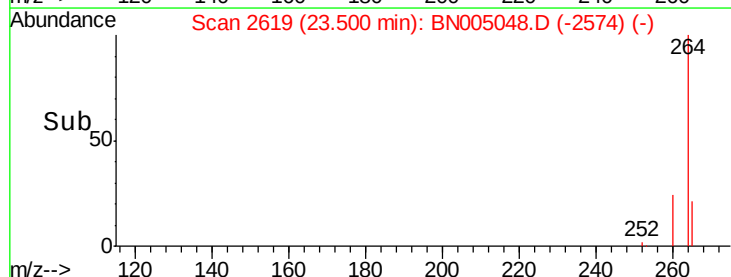
265 29.2 22.5 33.7

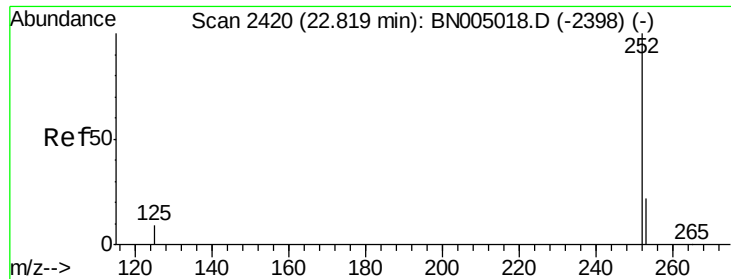


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

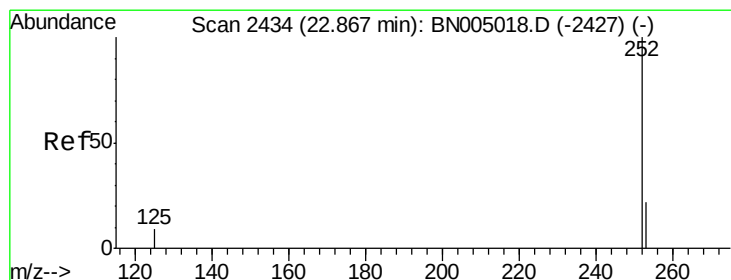
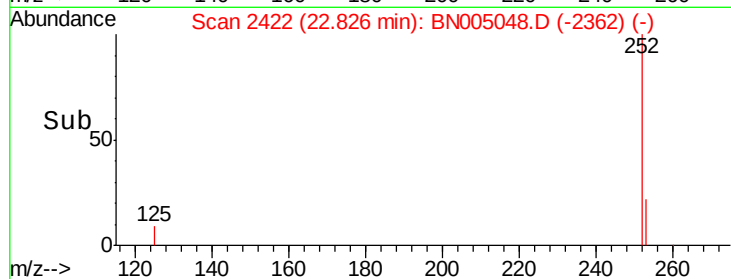
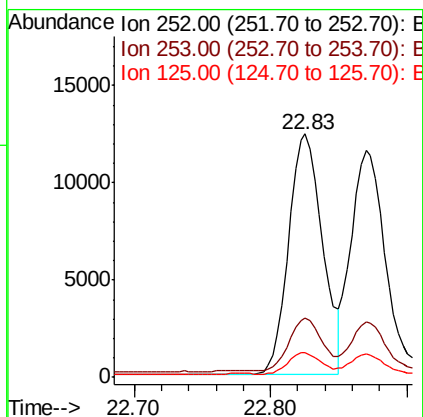
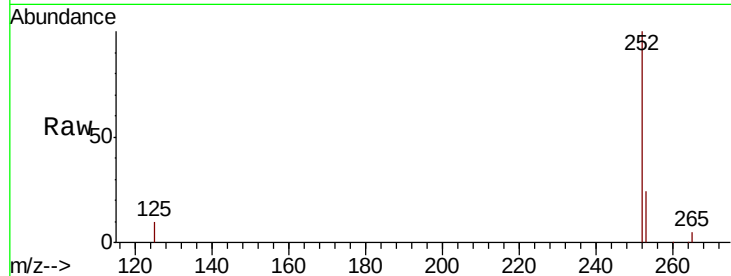




#35
Benzo(b)fluoranthene
Concen: 0.397 ng
RT: 22.83 min Scan# 2422
Delta R.T. 0.01 min
Lab File: BN005048.D
Acq: 01 Apr 2019 15:06

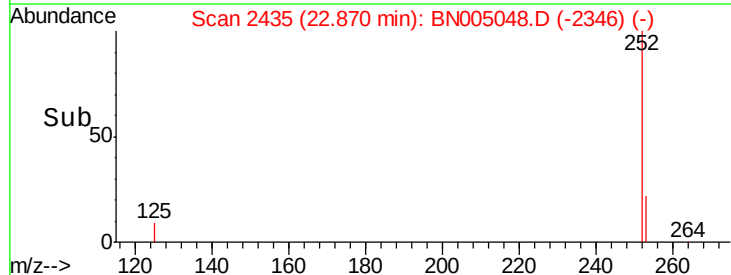
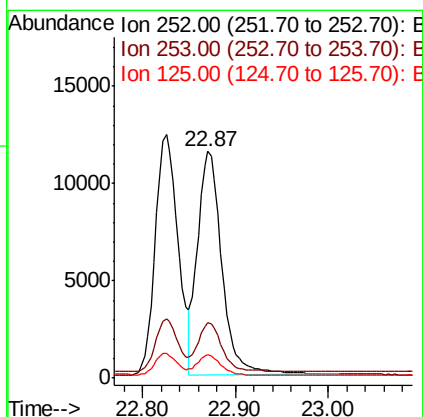
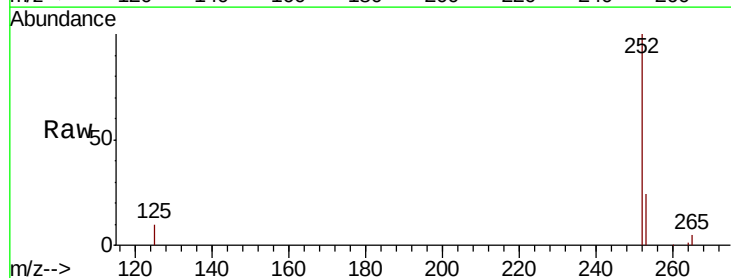
Instrument :
BNA_N
ClientSampleId :
PB118407BSD

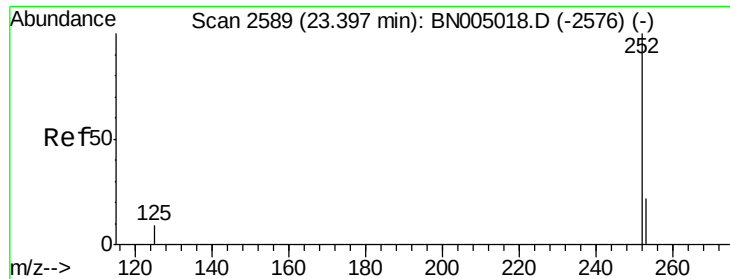
Tgt Ion:252 Resp: 21362
Ion Ratio Lower Upper
252 100
253 24.2 19.2 28.8
125 10.1 8.2 12.2



#36
Benzo(k)fluoranthene
Concen: 0.401 ng
RT: 22.87 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BN005048.D
Acq: 01 Apr 2019 15:06

Tgt Ion:252 Resp: 20849
Ion Ratio Lower Upper
252 100
253 24.4 19.3 28.9
125 10.1 8.2 12.2





#37

Benzo(a)pyrene

Concen: 0.387 ng

RT: 23.40 min Scan# 2591

Delta R.T. 0.01 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

Instrument :

BNA_N

ClientSampleId :

PB118407BSD

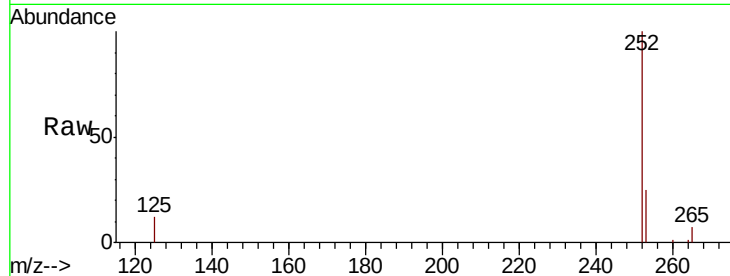
Tgt Ion:252 Resp: 18511

Ion Ratio Lower Upper

252 100

253 25.1 20.2 30.2

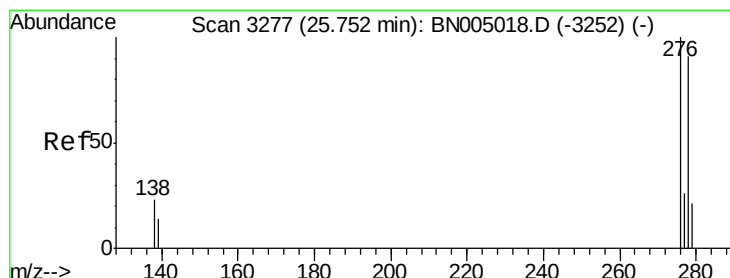
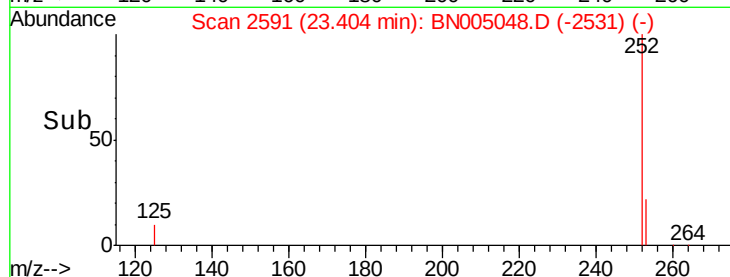
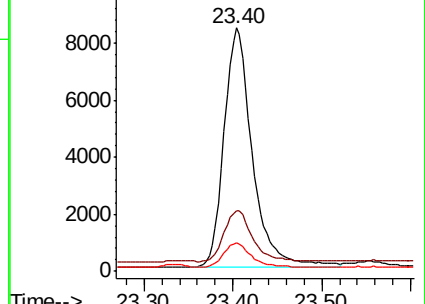
125 11.6 9.2 13.8



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: 0.375 ng

RT: 25.76 min Scan# 3279

Delta R.T. 0.01 min

Lab File: BN005048.D

Acq: 01 Apr 2019 15:06

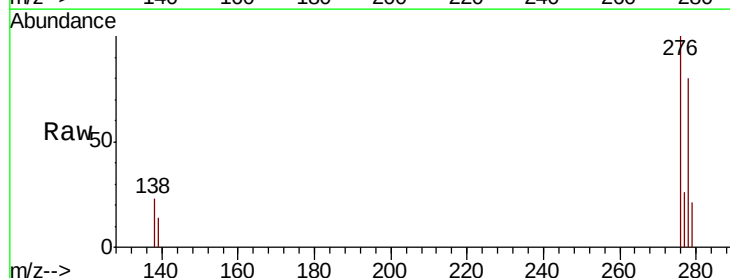
Tgt Ion:278 Resp: 17920

Ion Ratio Lower Upper

278 100

139 17.0 13.1 19.7

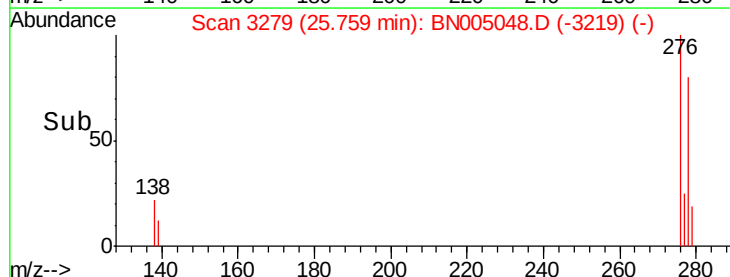
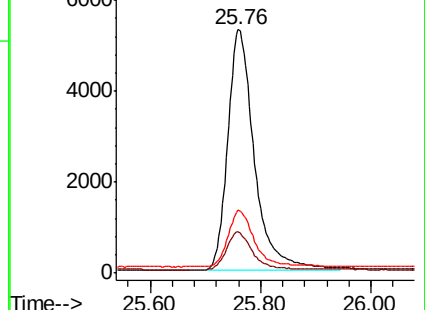
279 25.8 20.2 30.2

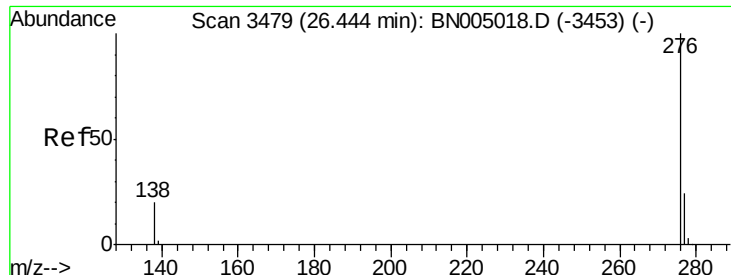


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.382 ng

RT: 26.45 min Scan# 3480

Delta R.T. 0.00 min

Lab File: BN005048.D

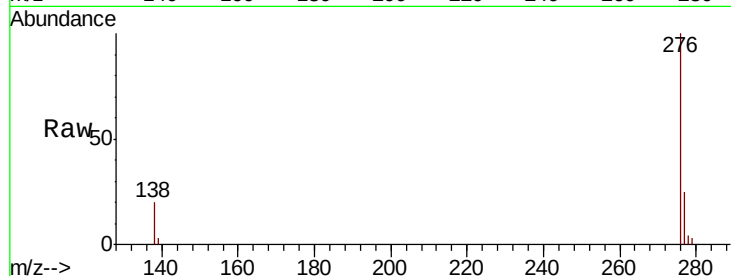
Acq: 01 Apr 2019 15:06

Instrument :

BNA_N

ClientSampleId :

PB118407BSD



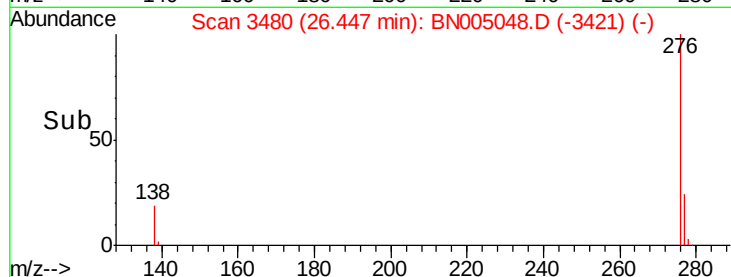
Tgt Ion: 276 Resp: 18394

Ion Ratio Lower Upper

276 100

277 24.9 19.8 29.6

138 20.4 16.4 24.6



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

