

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004830.D
 Acq On : 20 Mar 2019 21:42
 Operator : JU/SJ
 Sample : PB118093BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118093BSD

Quant Time: Mar 21 08:48:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 16:06:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1393	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	6239	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	4056	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	10435	0.40	ng	0.00
27) Chrysene-d12	21.29	240	14515	0.40	ng	0.00
34) Perylene-d12	23.55	264	16325	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	1420	0.38	ng	0.00
5) Phenol-d6	6.88	99	1713	0.36	ng	0.00
8) Nitrobenzene-d5	8.87	82	1471	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	4335	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	923	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	6896	0.41	ng	0.00
25) Fluoranthene-d10	19.13	212	13544	0.39	ng	0.00
29) Terphenyl-d14	19.73	244	11799	0.40	ng	0.00

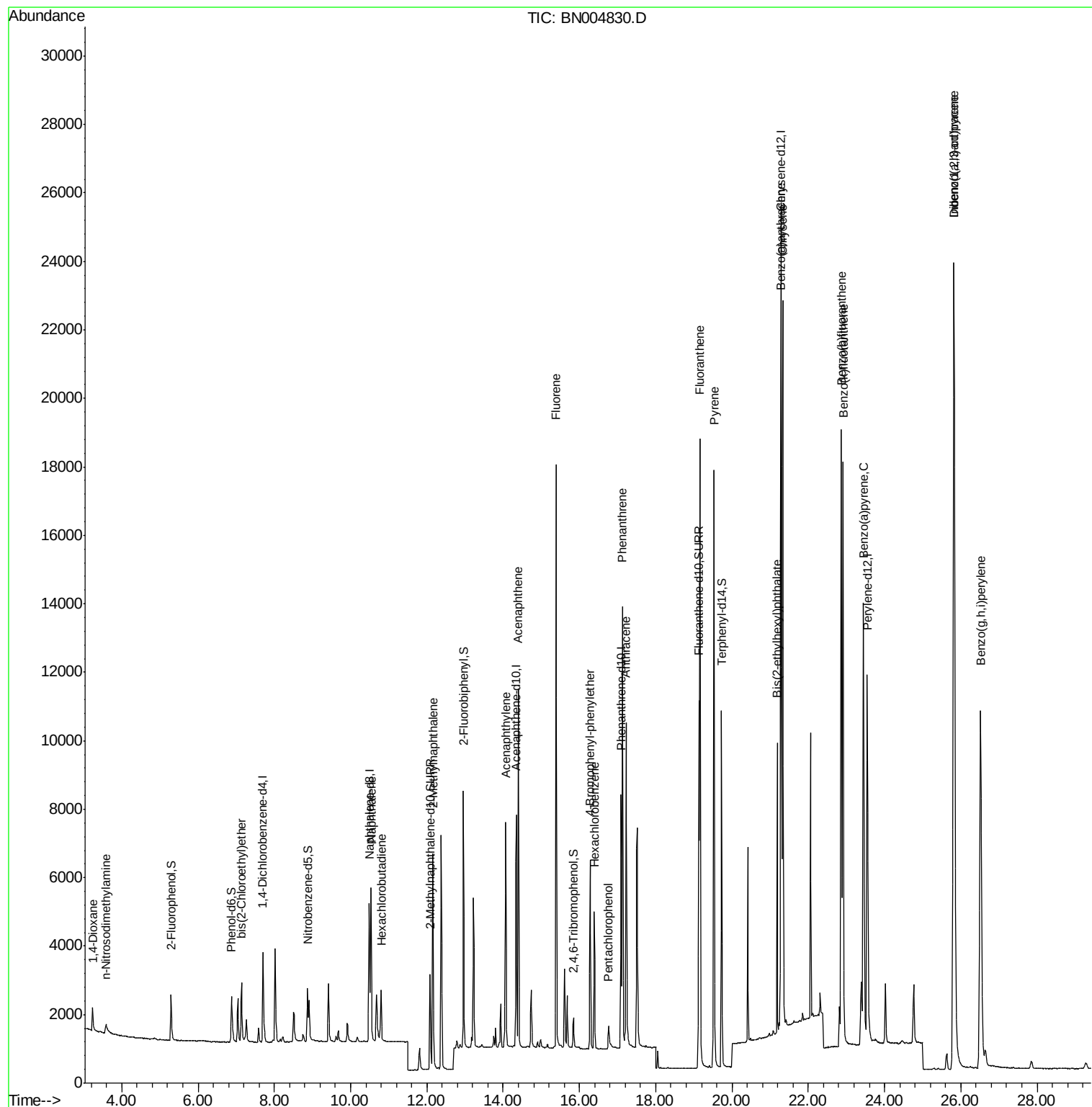
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	584	0.369	ng	96
3) n-Nitrosodimethylamine	3.59	42	289	0.309	ng	# 98
6) bis(2-Chloroethyl)ether	7.14	93	1671	0.393	ng	97
9) Naphthalene	10.54	128	7011	0.401	ng	100
10) Hexachlorobutadiene	10.81	225	1392	0.417	ng	# 98
12) 2-Methylnaphthalene	12.16	142	5185	0.399	ng	99
16) Acenaphthylene	14.07	152	7734	0.370	ng	100
17) Acenaphthene	14.40	154	5455	0.399	ng	99
18) Fluorene	15.39	166	7517	0.394	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	2691	0.395	ng	99
21) Hexachlorobenzene	16.39	284	3185	0.408	ng	99
22) Pentachlorophenol	16.76	266	534	0.350	ng	99
23) Phenanthrene	17.13	178	13343	0.396	ng	100
24) Anthracene	17.23	178	11304	0.376	ng	100
26) Fluoranthene	19.16	202	16854	0.389	ng	100
28) Pyrene	19.53	202	17334	0.392	ng	100
30) Benzo(a)anthracene	21.28	228	17718	0.372	ng	99
31) Chrysene	21.33	228	20506	0.409	ng	100
32) Bis(2-ethylhexyl)phthalate	21.18	149	7085	0.373	ng	99
33) Indeno(1,2,3-cd)pyrene	25.82	276	30117	0.415	ng	100
35) Benzo(b)fluoranthene	22.86	252	23994	0.406	ng	100
36) Benzo(k)fluoranthene	22.91	252	22935	0.395	ng	99
37) Benzo(a)pyrene	23.45	252	21407	0.395	ng	99
38) Dibenzo(a,h)anthracene	25.83	278	24781	0.395	ng	99
39) Benzo(g,h,i)perylene	26.52	276	25241	0.395	ng	99

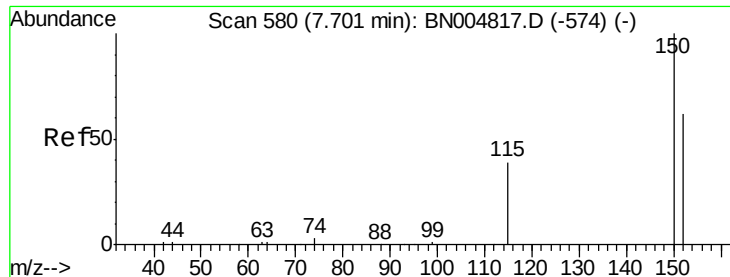
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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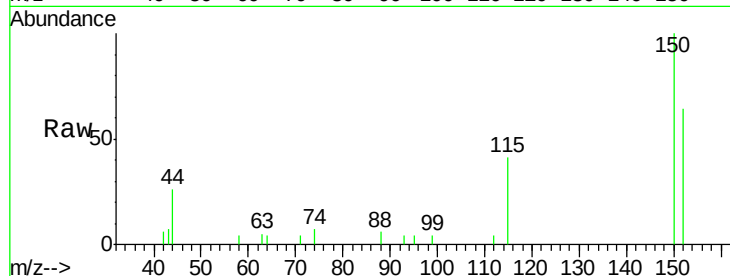


#1

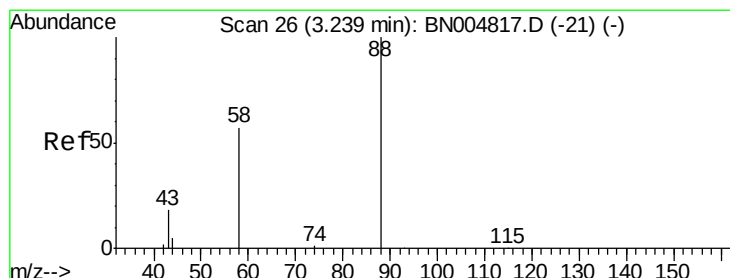
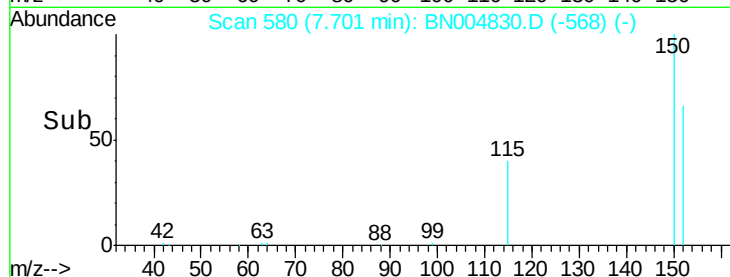
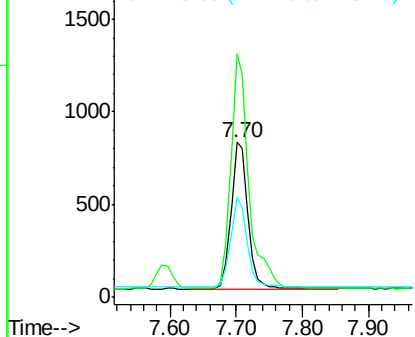
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004830.D
Acq: 20 Mar 2019 21:42

Instrument :
BNA_N
ClientSampleId :
PB118093BSD

Tot Ion:152 Resp: 1393
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.4
115 64.9 52.6 79.0



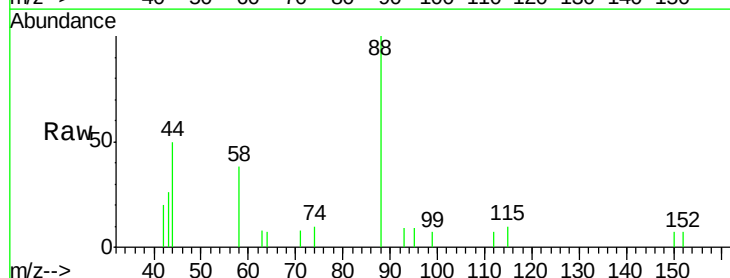
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



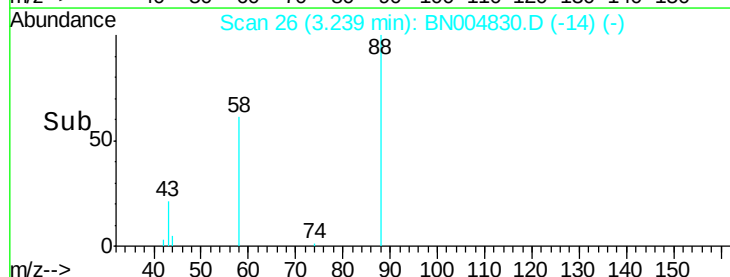
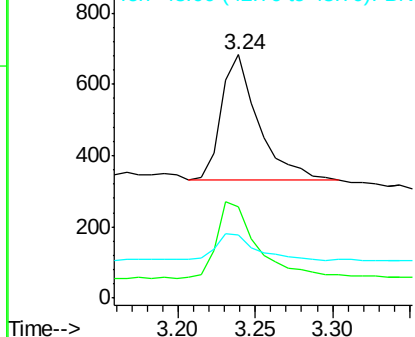
#2

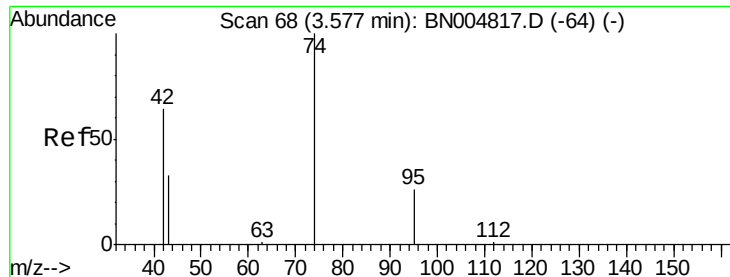
1,4-Dioxane
Concen: 0.369 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.00 min
Lab File: BN004830.D
Acq: 20 Mar 2019 21:42

Tgt Ion: 88 Resp: 584
Ion Ratio Lower Upper
88 100
58 68.3 51.4 77.2
43 23.8 20.0 30.0



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.309 ng

RT: 3.59 min Scan# 69

Delta R.T. 0.01 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB118093BSD

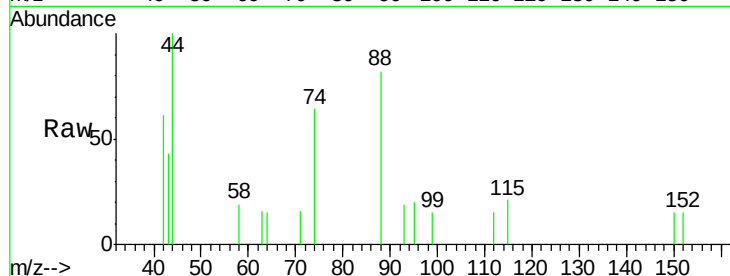
Tot Ion: 42 Resp: 289

Ion Ratio Lower Upper

42 100

74 158.5 128.4 192.6

44 3.8 6.1 9.1#

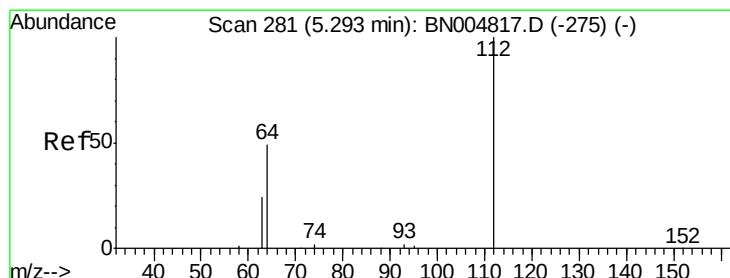
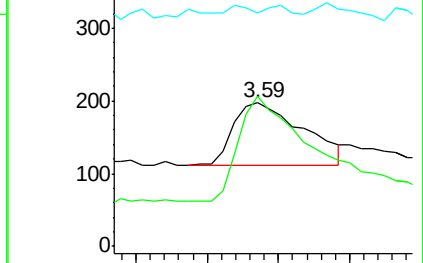
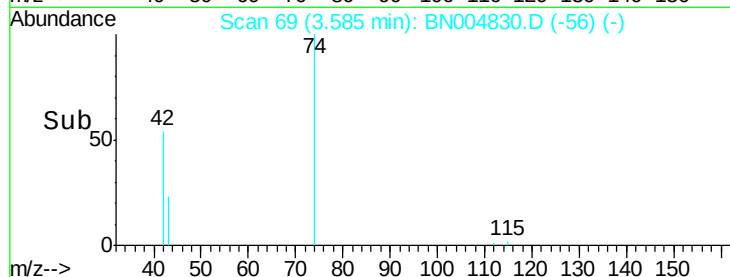


Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0

Time-->



#4

2-Fluorophenol

Concen: 0.375 ng

RT: 5.29 min Scan# 281

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

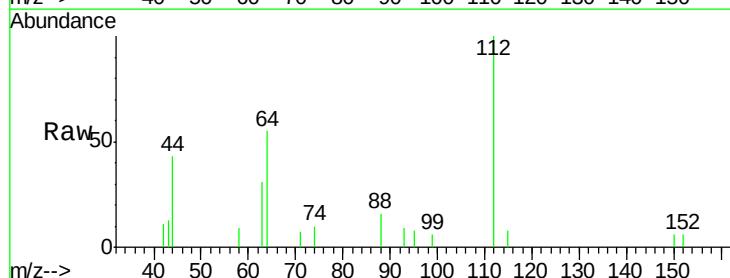
Tgt Ion: 112 Resp: 1420

Ion Ratio Lower Upper

112 100

64 50.4 40.0 60.0

63 24.6 20.2 30.2

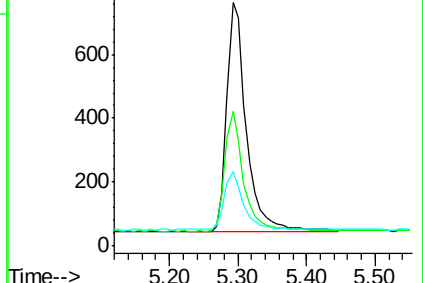
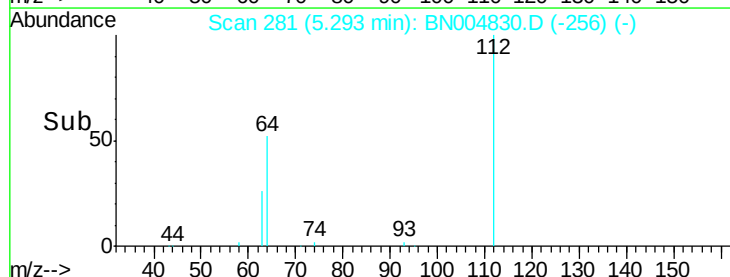


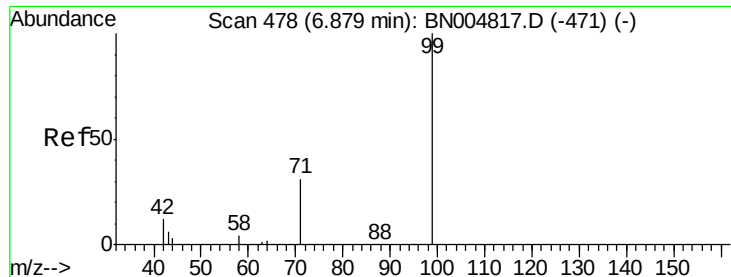
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Time-->





#5

Phenol-d6

Concen: 0.363 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB118093BSD

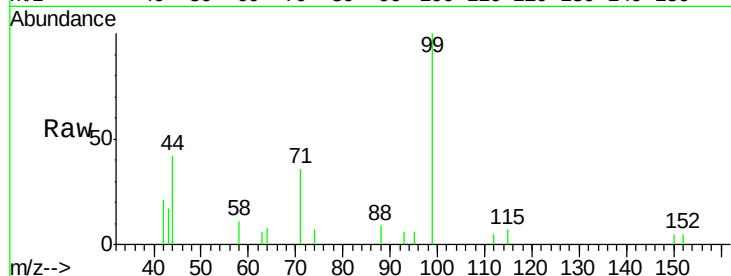
Tot Ion: 99 Resp: 1713

Ion Ratio Lower Upper

99 100

42 14.7 12.7 19.1

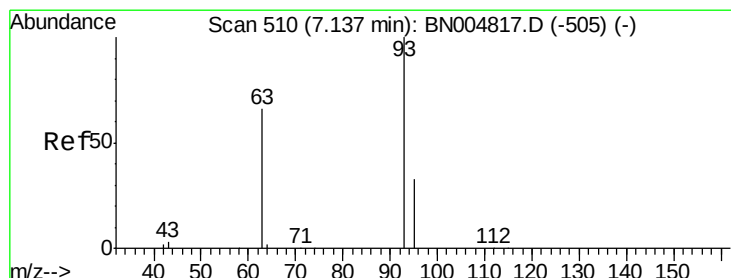
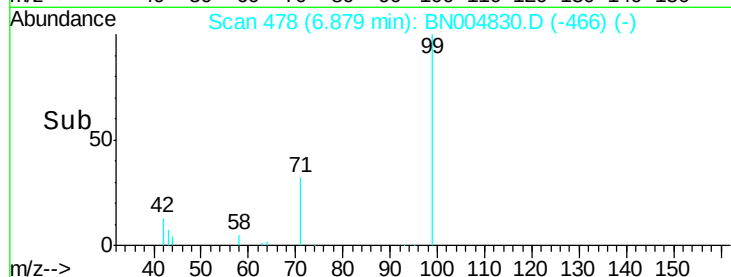
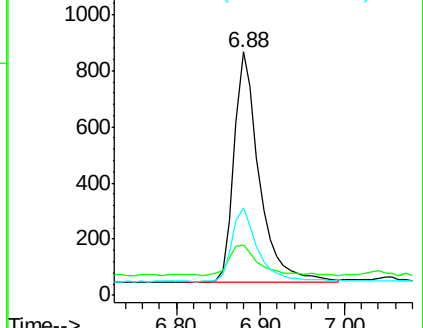
71 33.2 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN004817.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN004817.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN004817.D (-471) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.393 ng

RT: 7.14 min Scan# 510

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

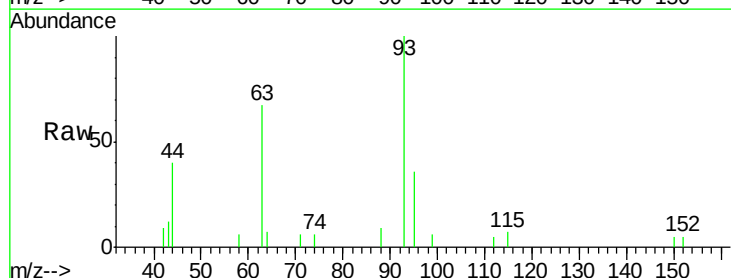
Tgt Ion: 93 Resp: 1671

Ion Ratio Lower Upper

93 100

63 61.9 52.6 78.8

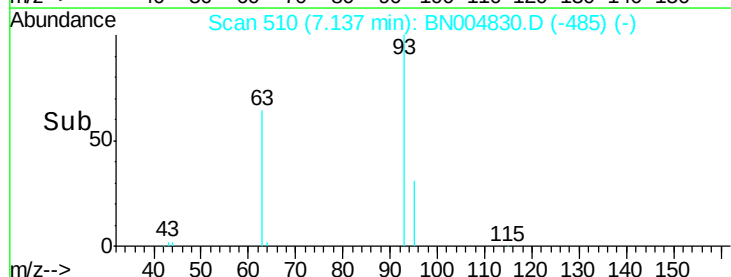
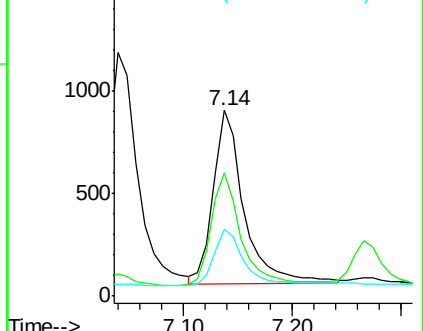
95 32.8 25.9 38.9

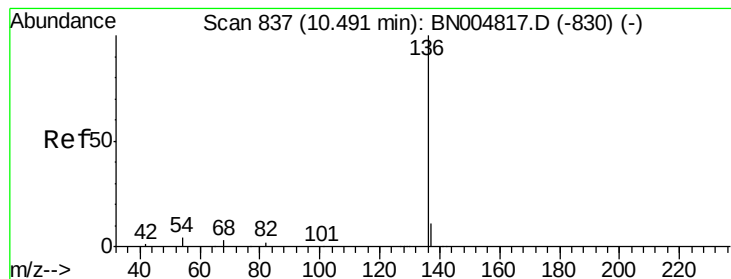


Abundance Ion 93.00 (92.70 to 93.70): BN004817.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN004817.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN004817.D (-505) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB118093BSD

Tot Ion:136 Resp: 6239

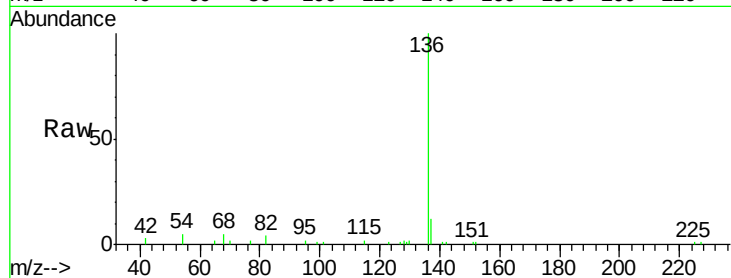
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 5.2 4.2 6.2

68 4.8 3.9 5.9

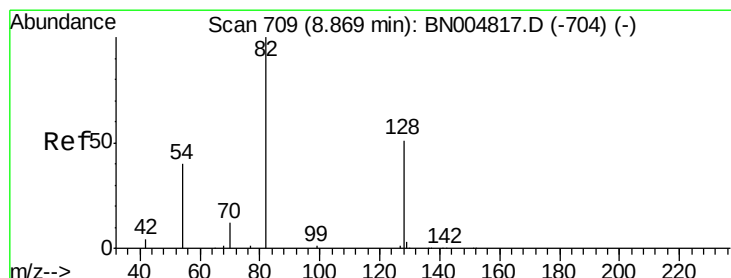
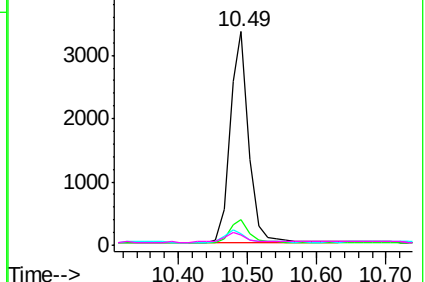
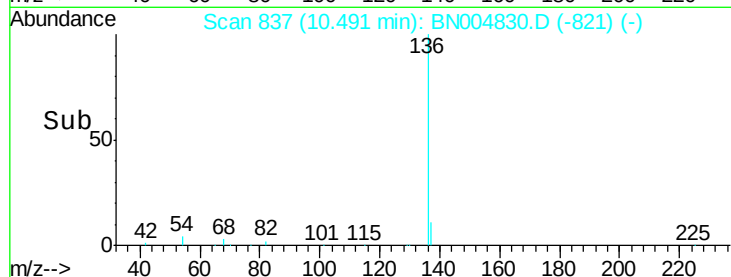


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.356 ng

RT: 8.87 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

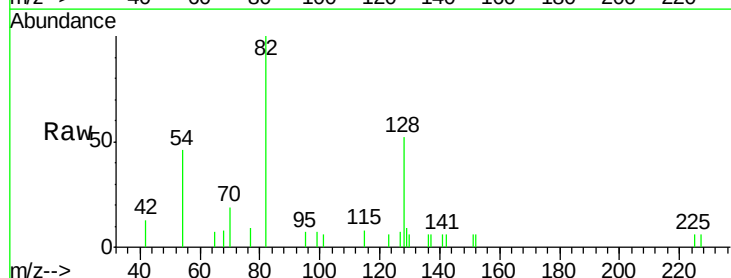
Tgt Ion: 82 Resp: 1471

Ion Ratio Lower Upper

82 100

128 51.6 43.0 64.6

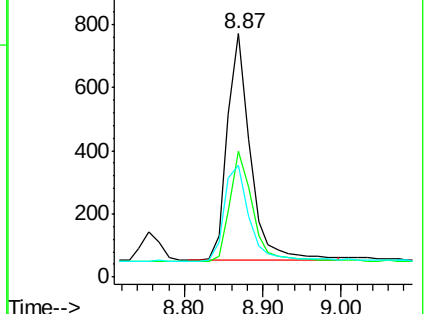
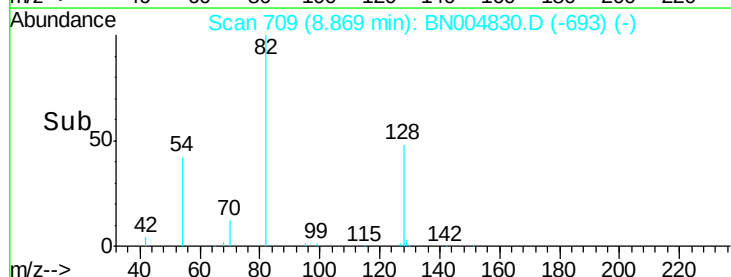
54 45.7 35.3 52.9

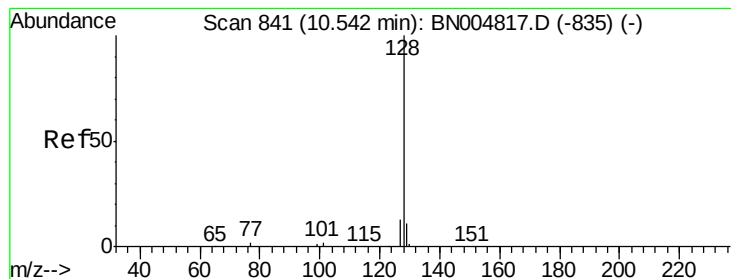


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.401 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB118093BSD

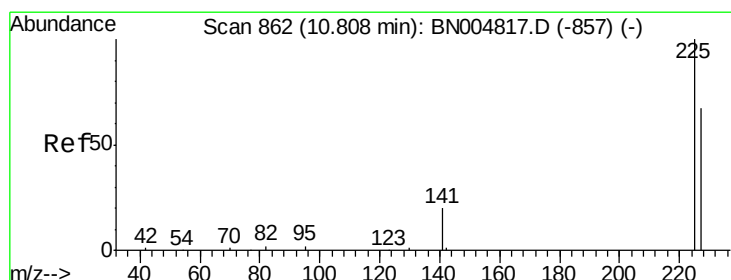
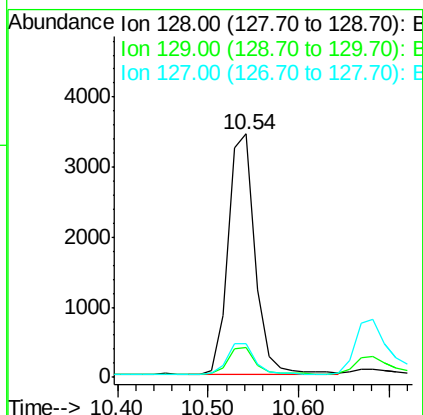
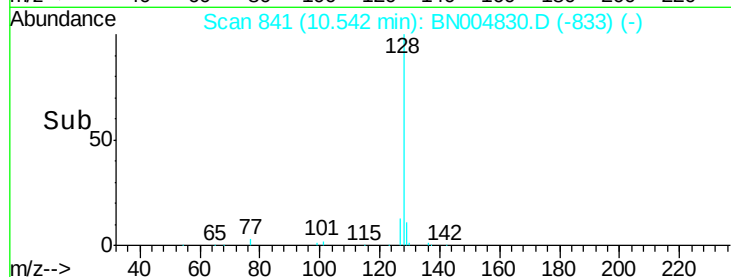
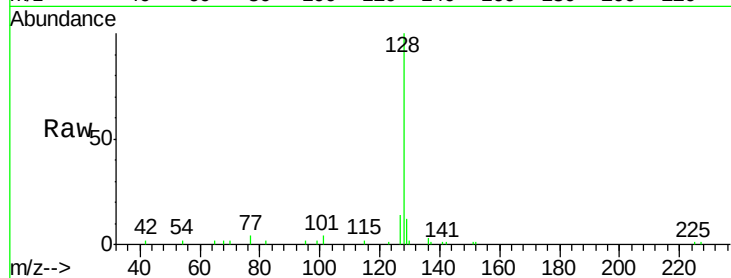
Tot Ion:128 Resp: 7011

Ion Ratio Lower Upper

128 100

129 12.4 9.9 14.9

127 14.0 11.3 16.9



#10

Hexachlorobutadiene

Concen: 0.417 ng

RT: 10.81 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

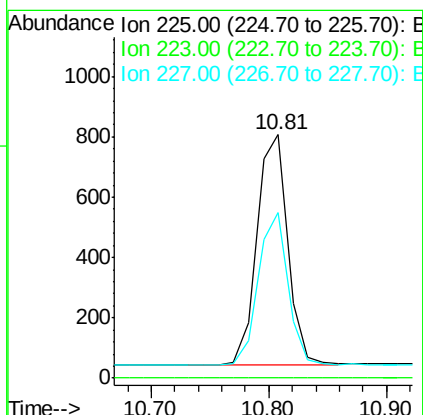
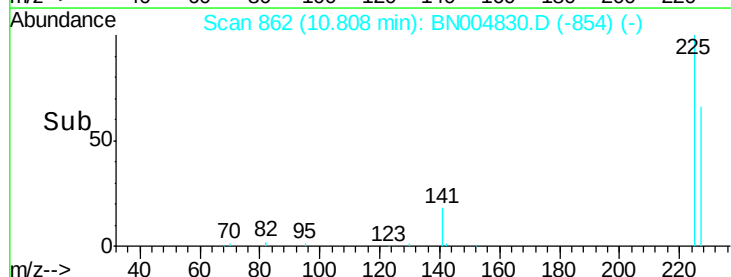
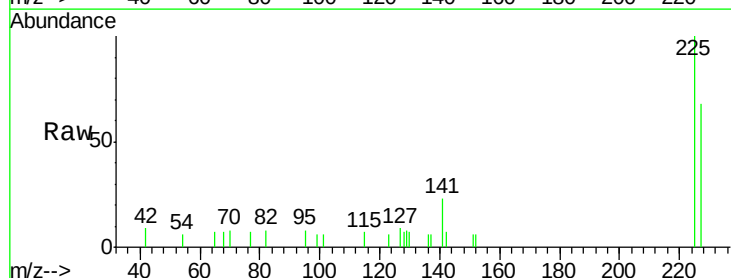
Tgt Ion:225 Resp: 1392

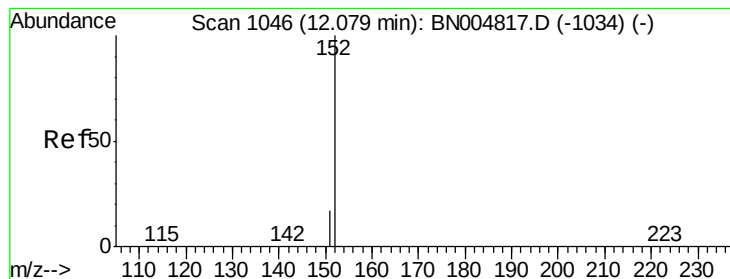
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.6 52.2 78.4





#11

2-Methylnaphthalene-d10

Concen: 0.398 ng

RT: 12.08 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

Instrument :

BNA_N

ClientSampleId :

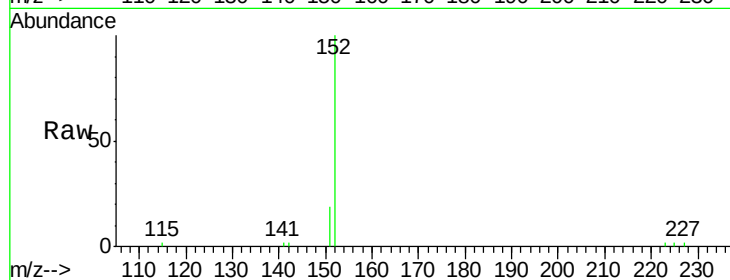
PB118093BSD

Tot Ion:152 Resp: 4335

Ion Ratio Lower Upper

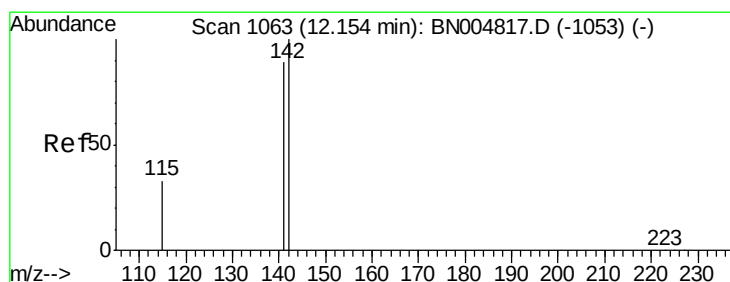
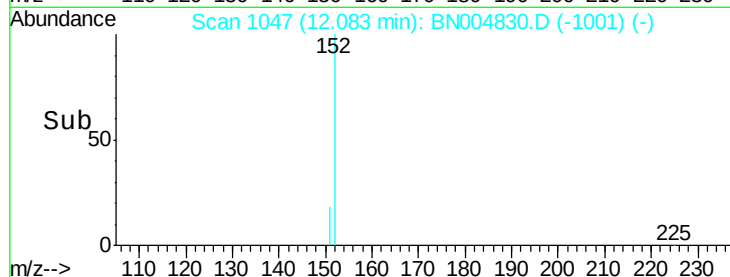
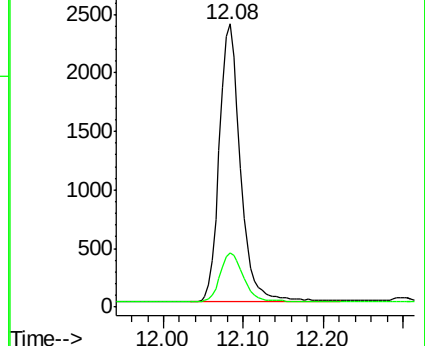
152 100

151 19.1 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.399 ng

RT: 12.16 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

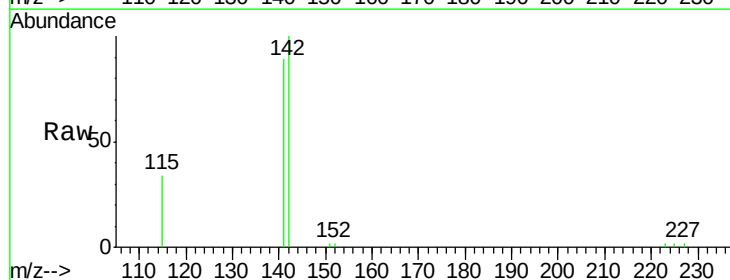
Tgt Ion:142 Resp: 5185

Ion Ratio Lower Upper

142 100

141 88.6 71.4 107.2

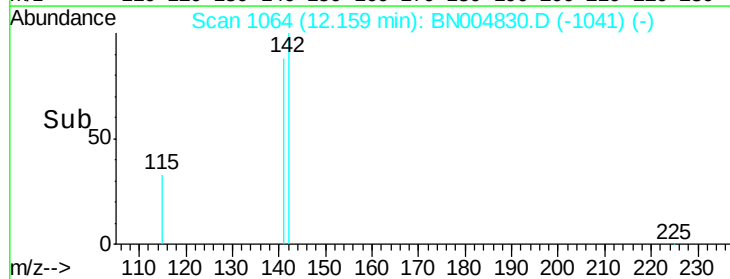
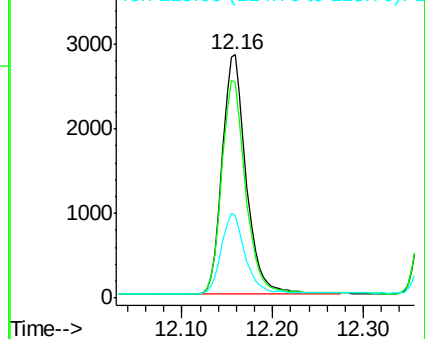
115 33.9 27.5 41.3

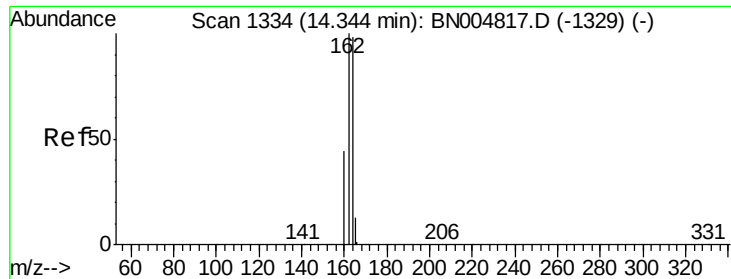


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB118093BSD

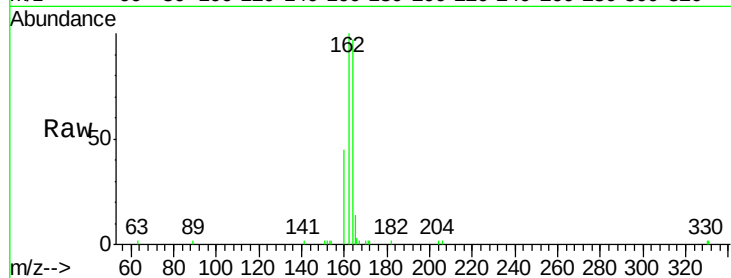
Tot Ion:164 Resp: 4056

Ion Ratio Lower Upper

164 100

162 103.4 81.9 122.9

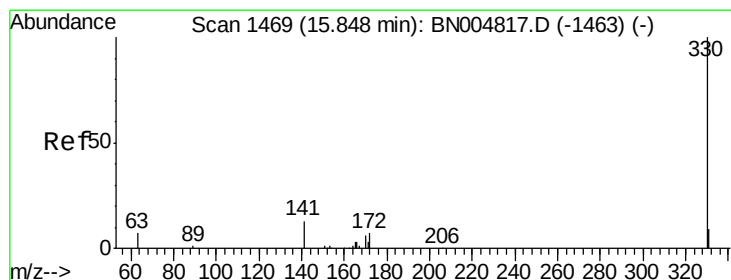
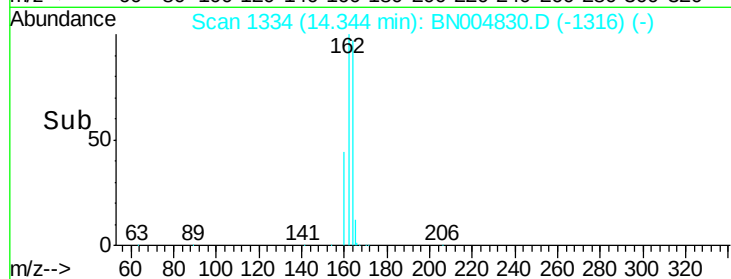
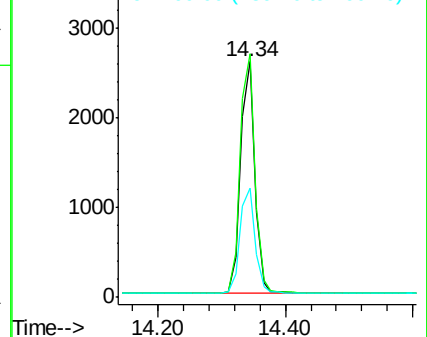
160 46.3 36.6 54.8



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: 0.329 ng

RT: 15.85 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

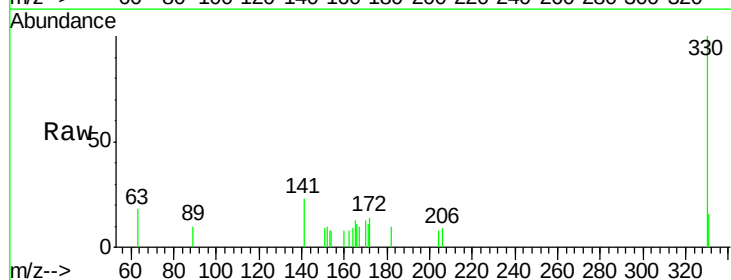
Tgt Ion:330 Resp: 923

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

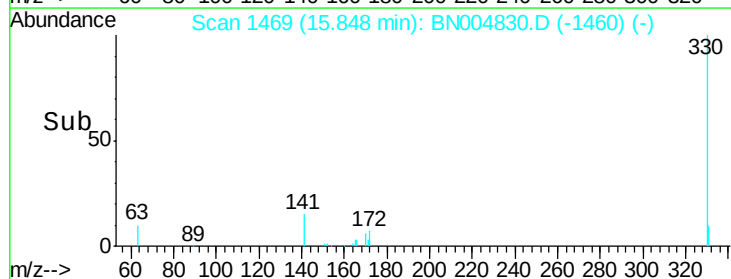
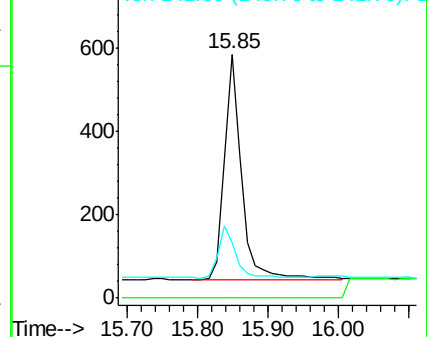
141 23.5 20.9 31.3

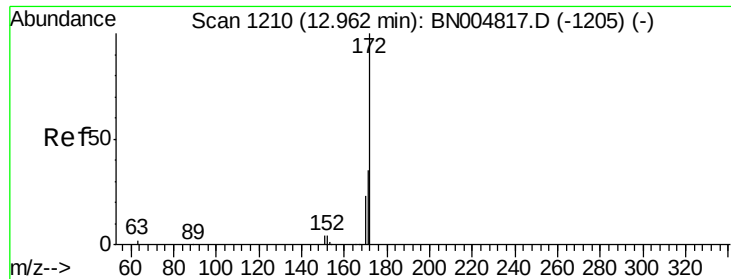


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

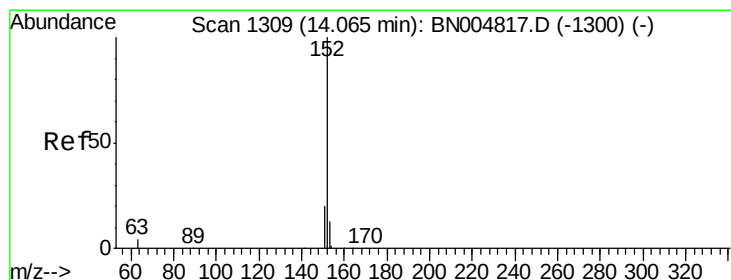
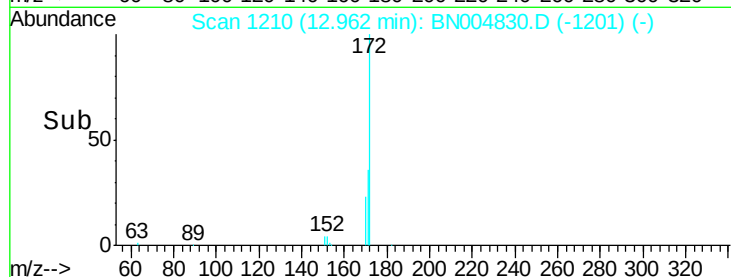
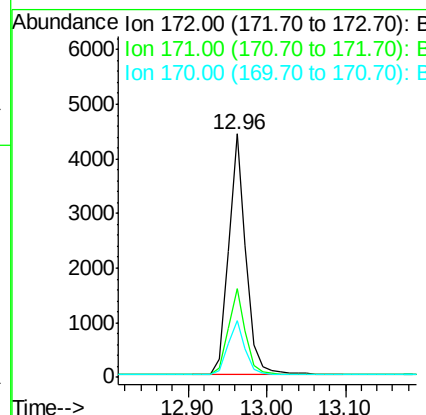
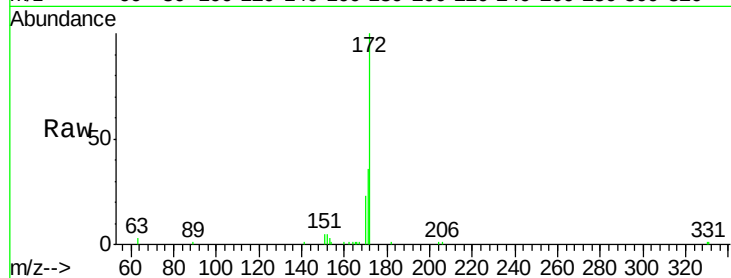




#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004830.D
Acq: 20 Mar 2019 21:42

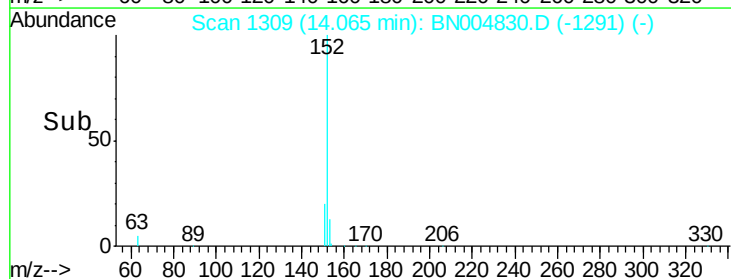
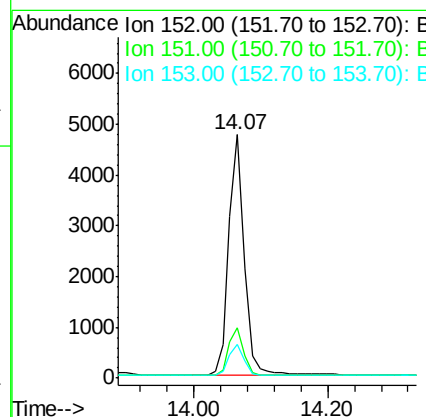
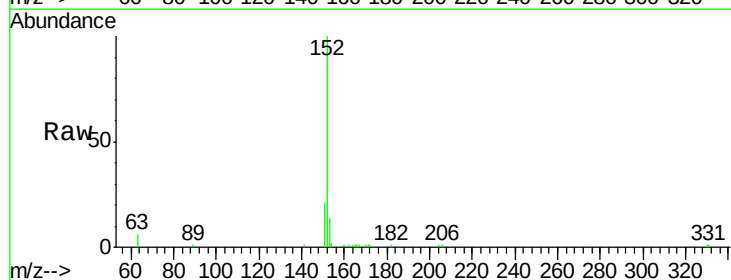
Instrument :
BNA_N
ClientSampleId :
PB118093BSD

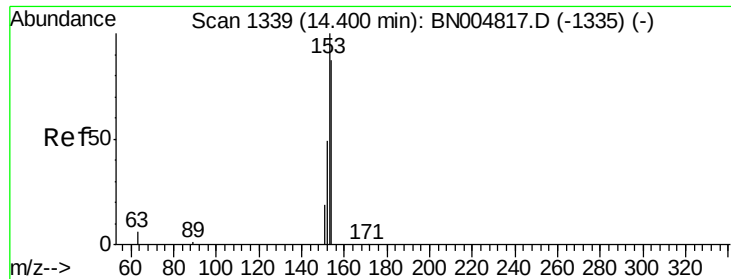
Tot Ion:172 Resp: 6896
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 23.4 18.7 28.1



#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004830.D
Acq: 20 Mar 2019 21:42

Tgt Ion:152 Resp: 7734
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.399 ng

RT: 14.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB118093BSD

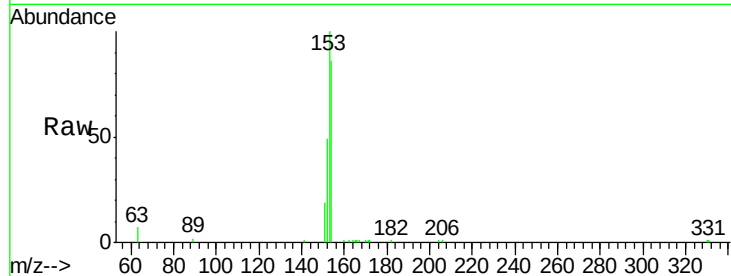
Tot Ion:154 Resp: 5455

Ion Ratio Lower Upper

154 100

153 115.0 91.4 137.2

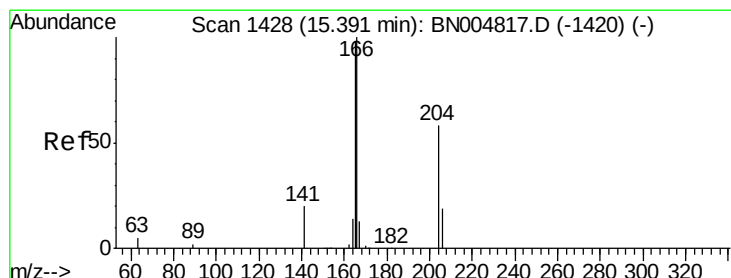
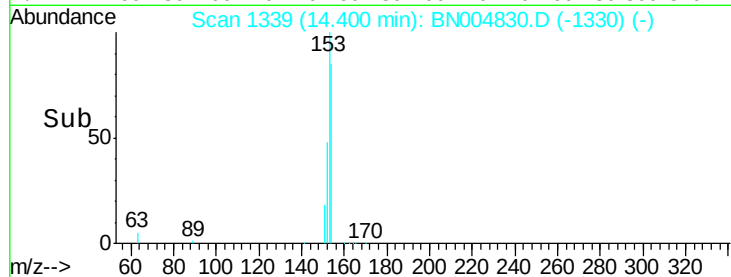
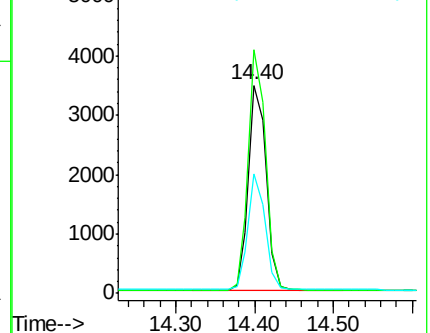
152 54.7 44.2 66.2



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: 0.394 ng

RT: 15.39 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

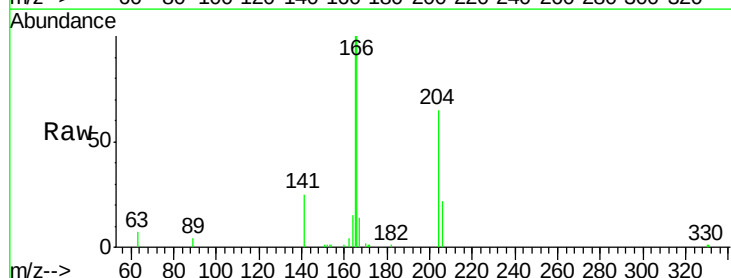
Tgt Ion:166 Resp: 7517

Ion Ratio Lower Upper

166 100

165 99.0 78.2 117.4

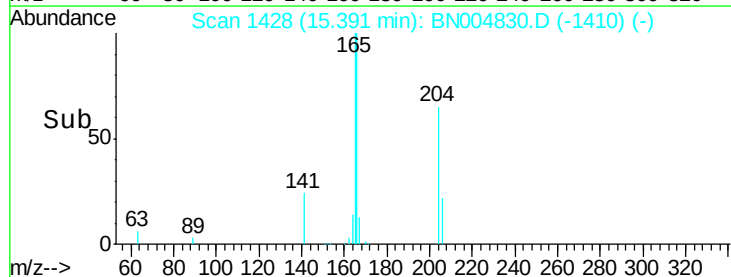
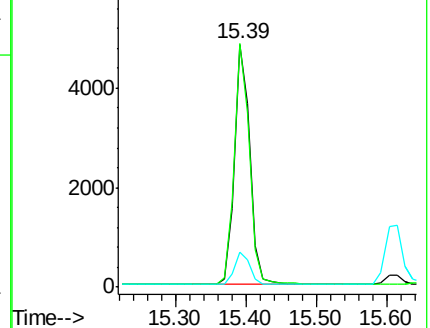
167 13.5 11.0 16.4

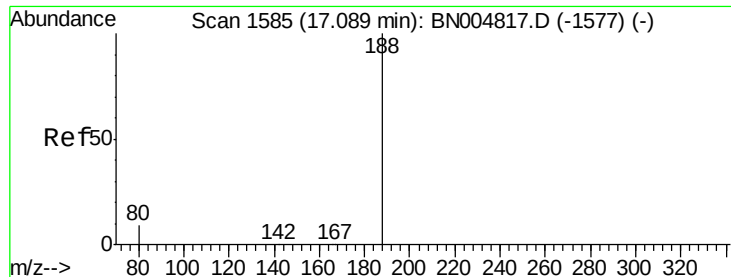


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1585

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB118093BSD

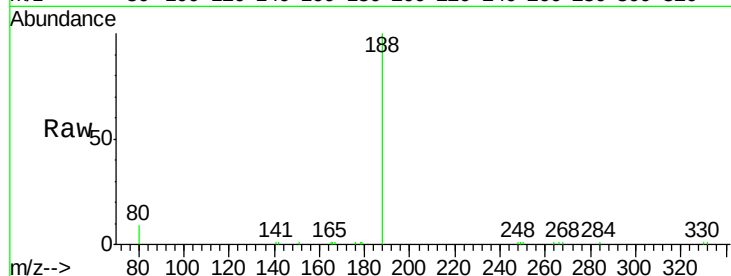
Tot Ion:188 Resp: 10435

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

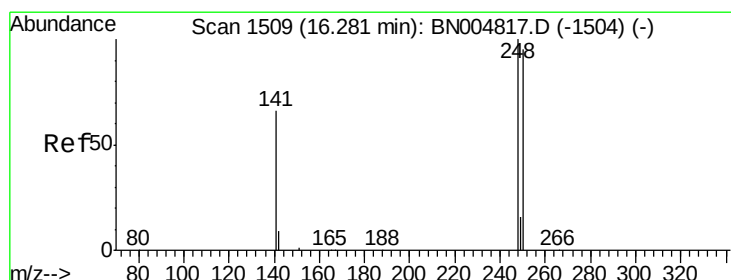
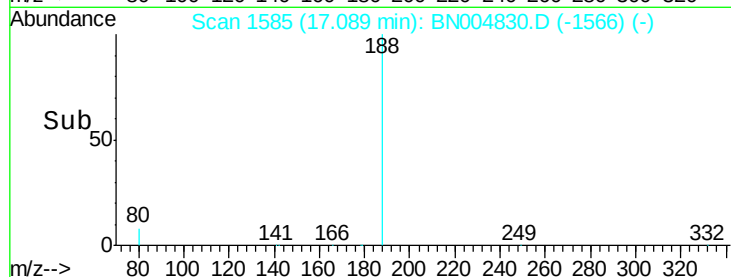
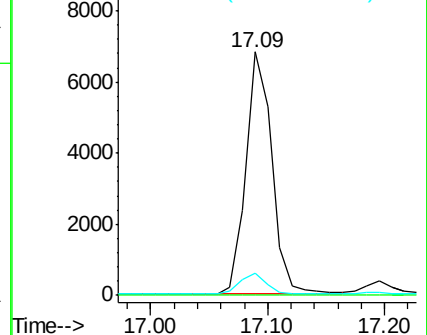
80 9.1 7.4 11.2



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: 0.395 ng

RT: 16.28 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

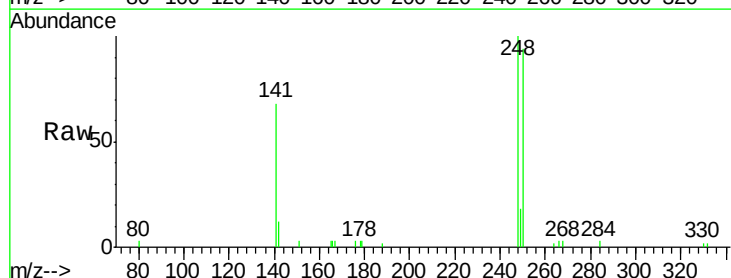
Tgt Ion:248 Resp: 2691

Ion Ratio Lower Upper

248 100

250 94.1 76.2 114.4

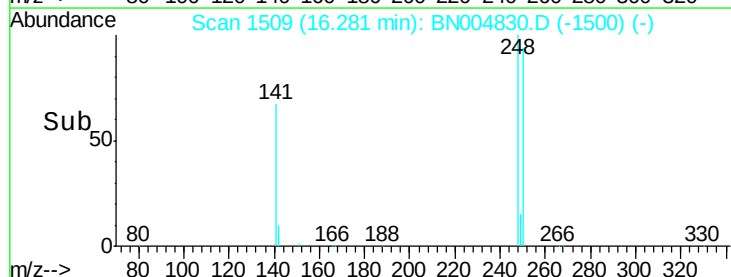
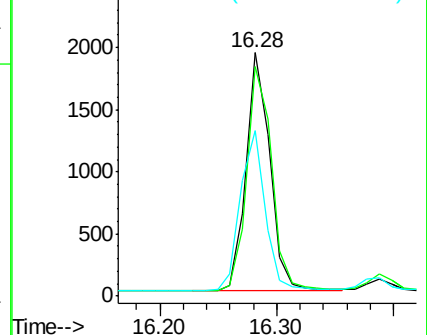
141 68.1 53.9 80.9

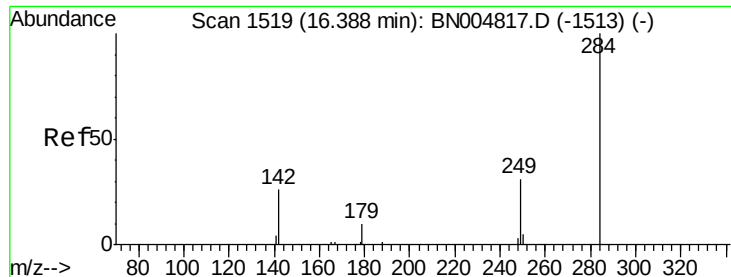


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.408 ng

RT: 16.39 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB118093BSD

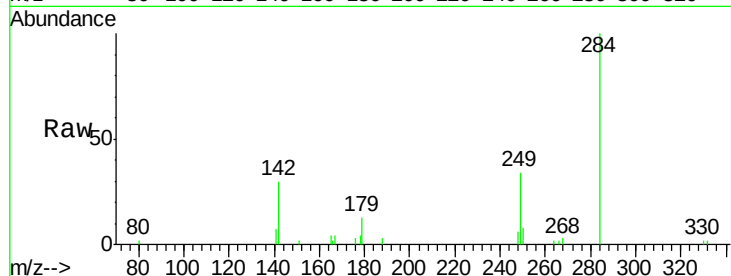
Tot Ion:284 Resp: 3185

Ion Ratio Lower Upper

284 100

142 28.3 22.6 34.0

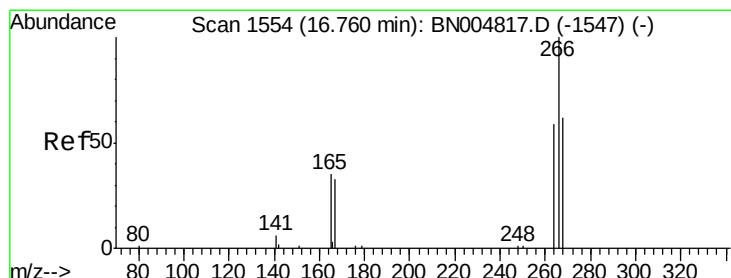
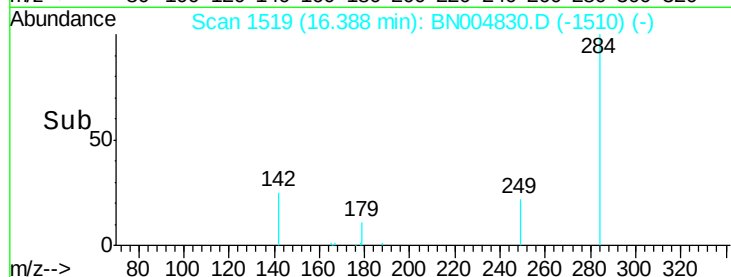
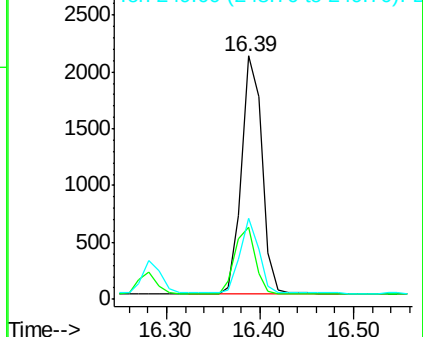
249 29.3 22.5 33.7



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: 0.350 ng

RT: 16.76 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

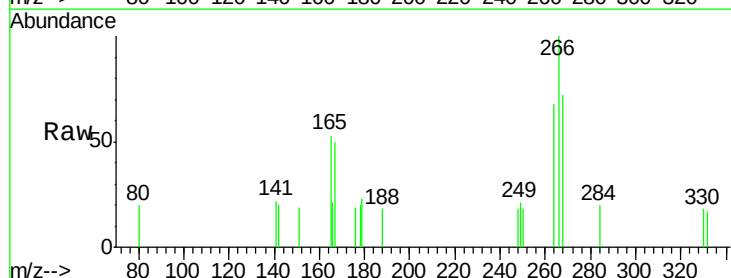
Tgt Ion:266 Resp: 534

Ion Ratio Lower Upper

266 100

264 67.9 53.1 79.7

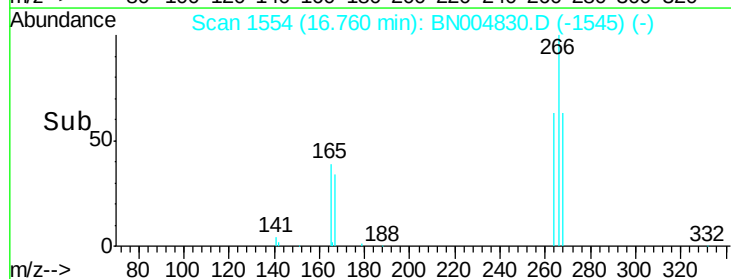
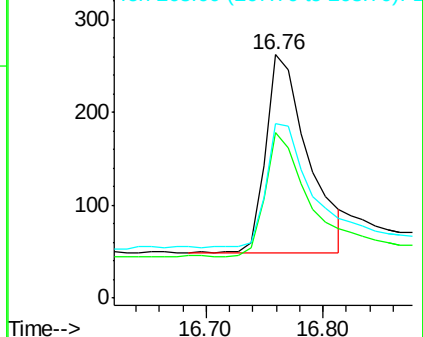
268 71.8 57.7 86.5

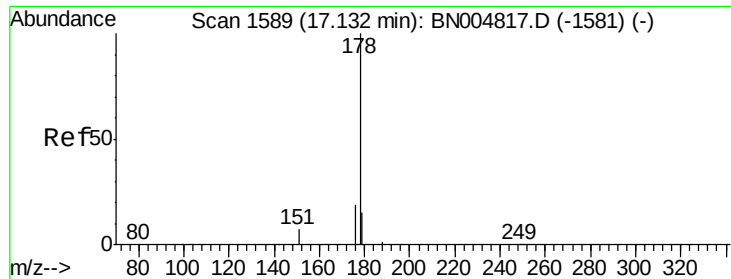


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.396 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB118093BSD

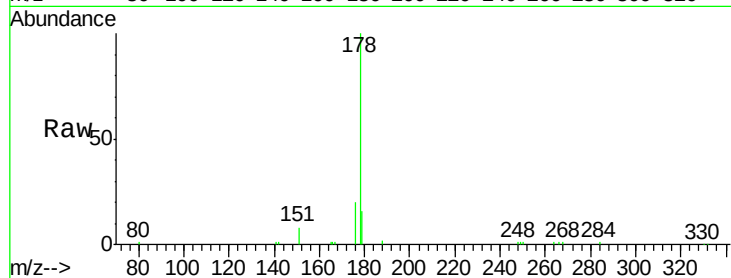
Tot Ion:178 Resp: 13343

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

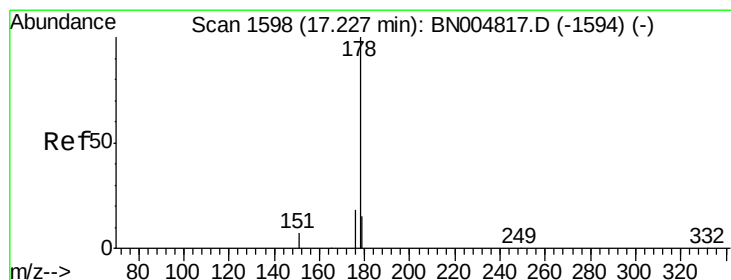
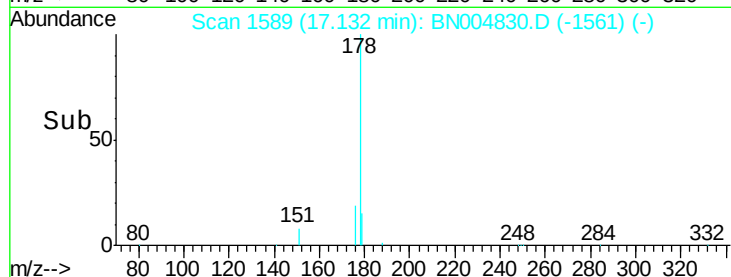
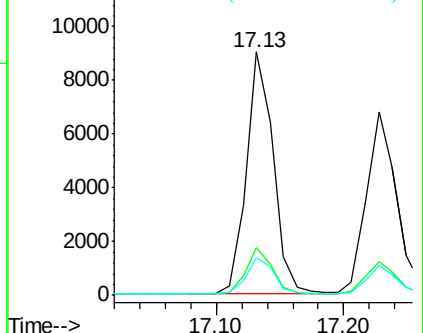
179 15.3 12.1 18.1



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: 0.376 ng

RT: 17.23 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

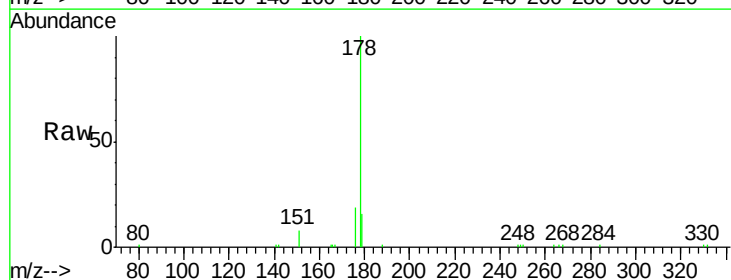
Tgt Ion:178 Resp: 11304

Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

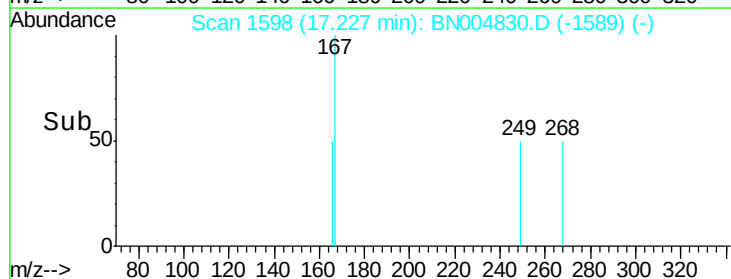
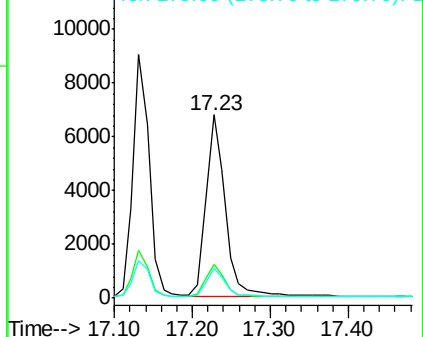
179 15.2 12.2 18.4

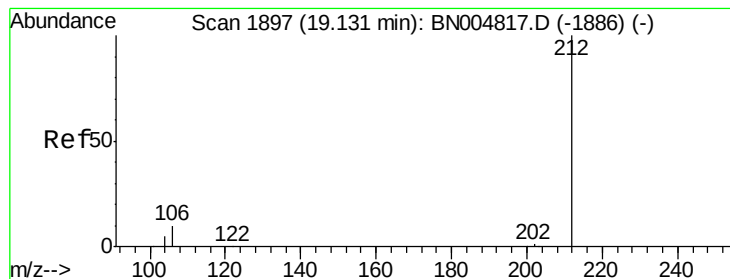


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.388 ng

RT: 19.13 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB118093BSD

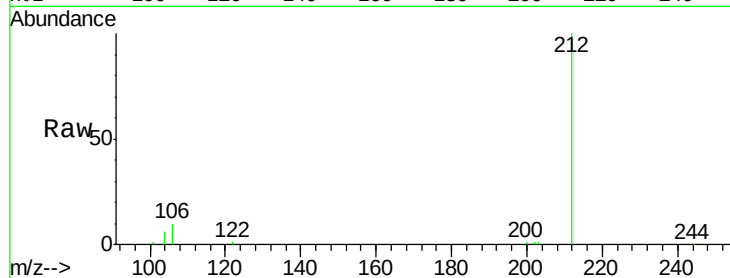
Tot Ion:212 Resp: 13544

Ion Ratio Lower Upper

212 100

106 10.4 8.6 13.0

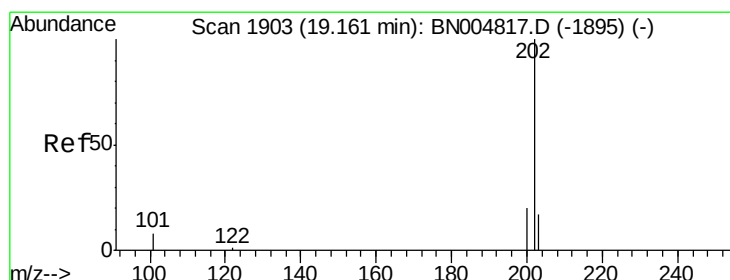
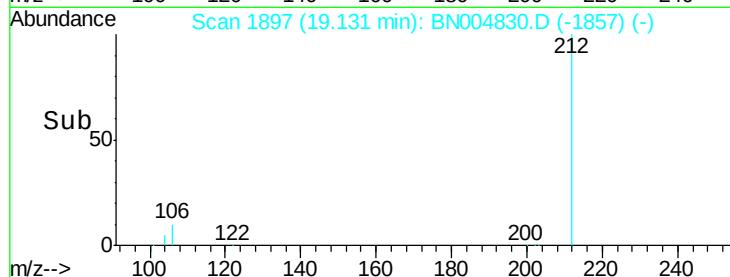
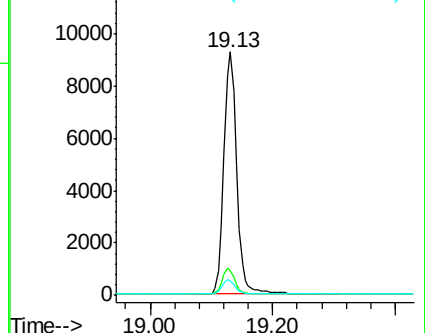
104 5.8 4.7 7.1



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: 0.389 ng

RT: 19.16 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

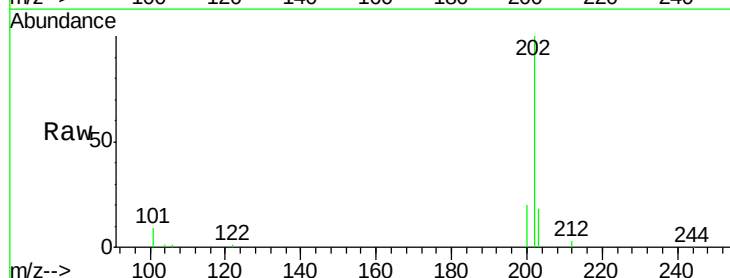
Tgt Ion:202 Resp: 16854

Ion Ratio Lower Upper

202 100

101 9.2 7.5 11.3

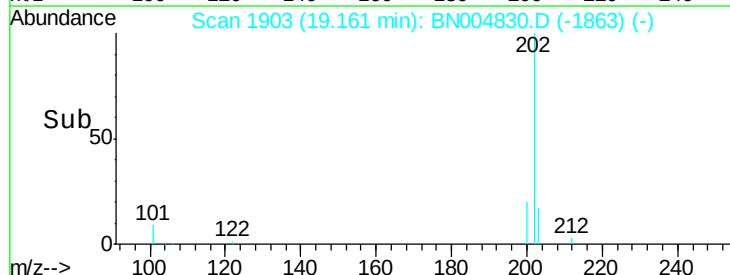
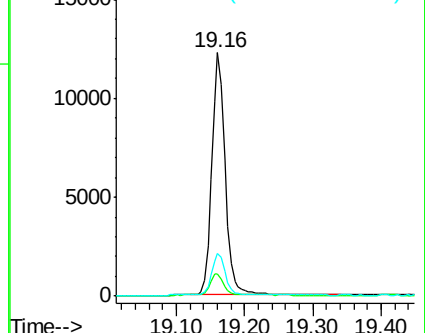
203 17.3 13.8 20.6

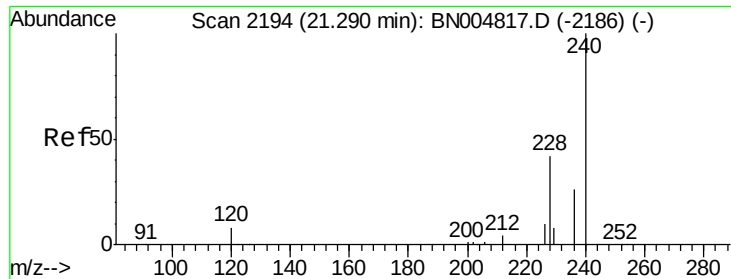


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2194

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB118093BSD

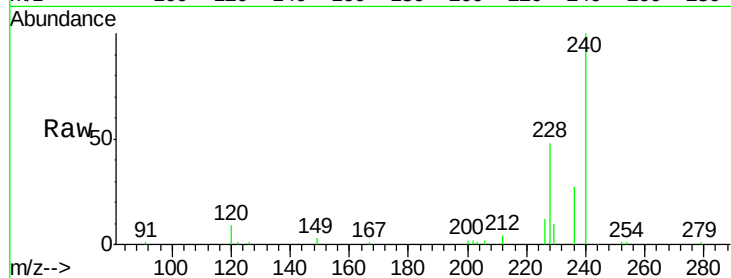
Tot Ion:240 Resp: 14515

Ion Ratio Lower Upper

240 100

120 8.7 7.2 10.8

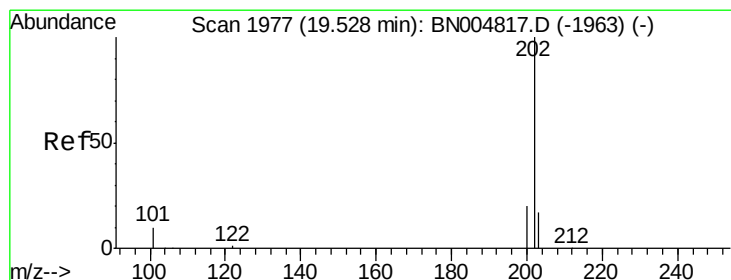
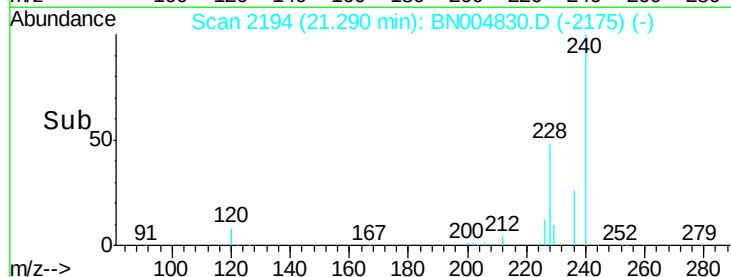
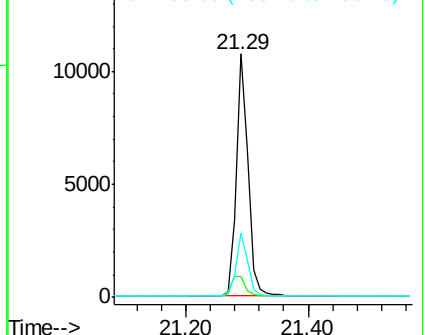
236 26.6 20.9 31.3



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: 0.392 ng

RT: 19.53 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

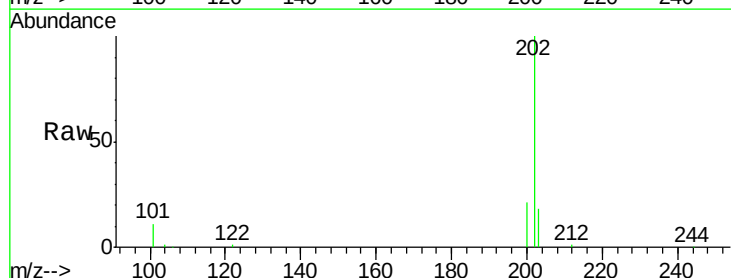
Tgt Ion:202 Resp: 17334

Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

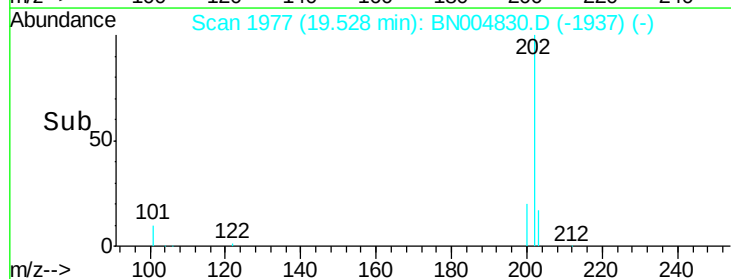
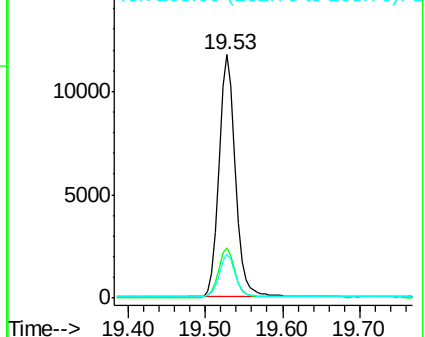
203 17.7 14.0 21.0

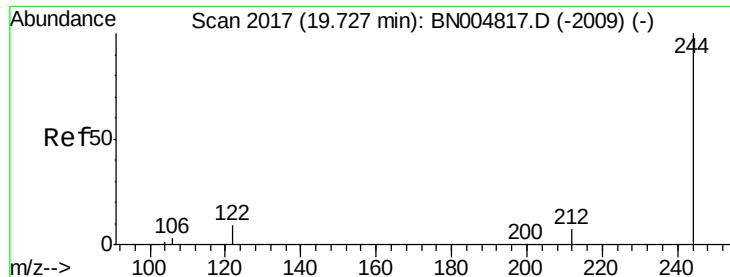


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.397 ng

RT: 19.73 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB118093BSD

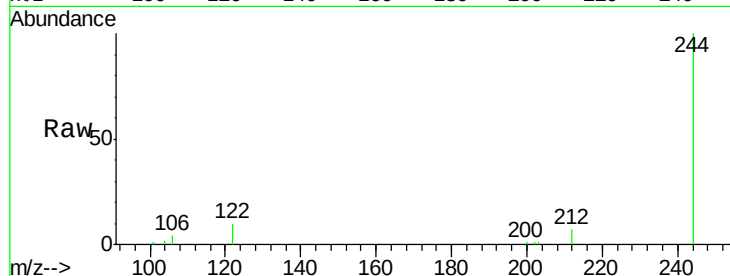
Tot Ion:244 Resp: 11799

Ion Ratio Lower Upper

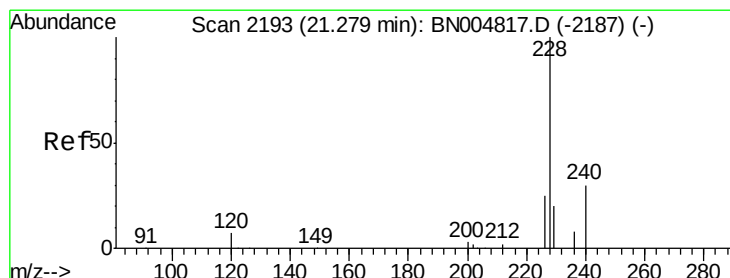
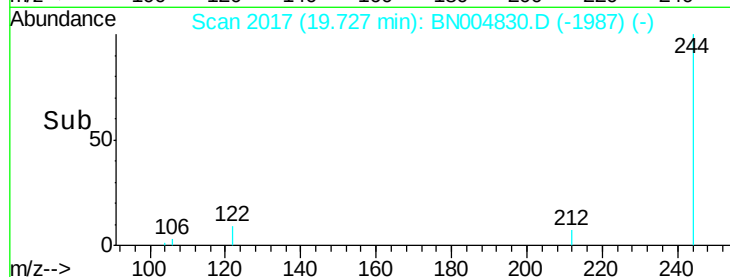
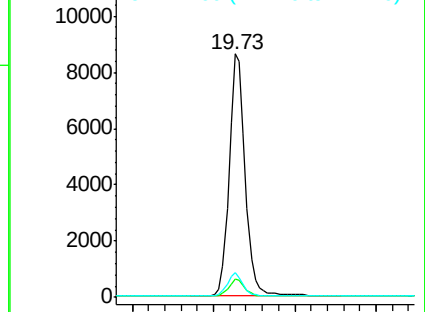
244 100

212 7.4 5.8 8.6

122 10.0 7.9 11.9



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: 0.372 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

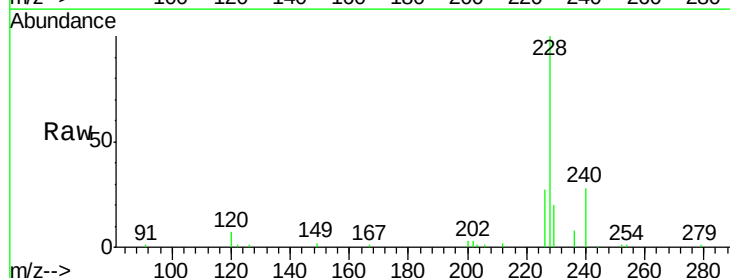
Tgt Ion:228 Resp: 17718

Ion Ratio Lower Upper

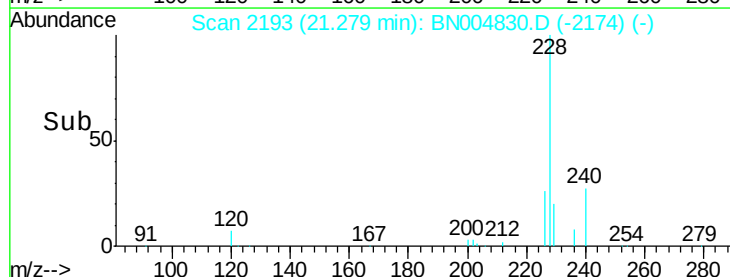
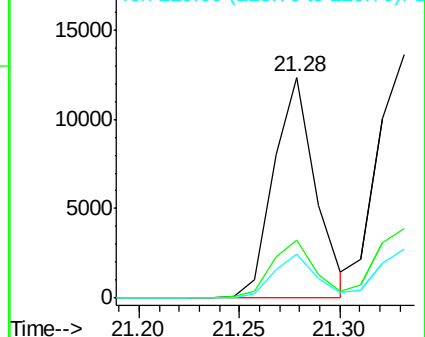
228 100

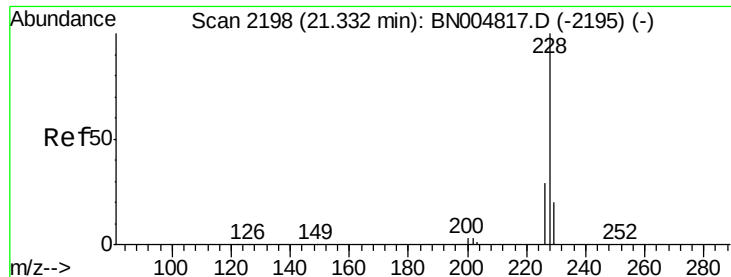
226 26.5 20.6 31.0

229 20.0 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





#31

Chrysene

Concen: 0.409 ng

RT: 21.33 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB118093BSD

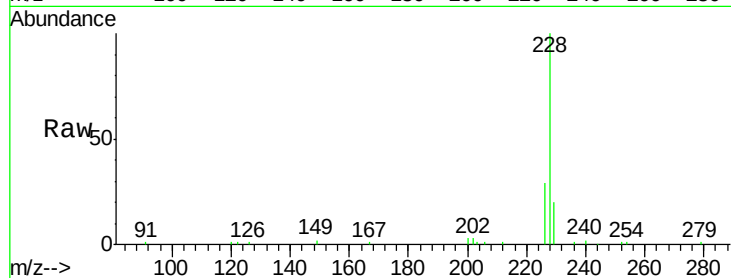
Tot Ion:228 Resp: 20506

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.6

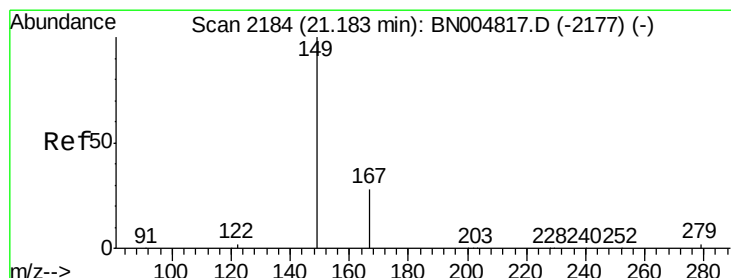
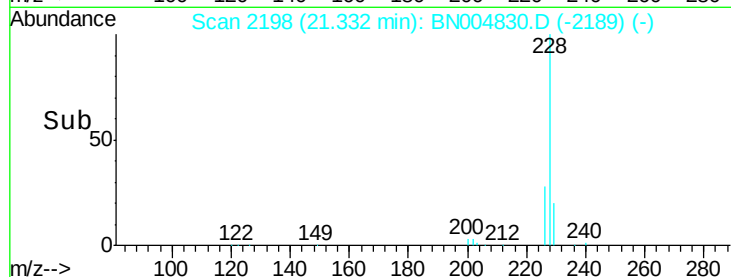
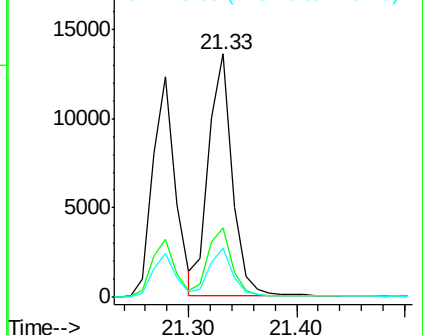
229 20.2 16.2 24.2



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.373 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

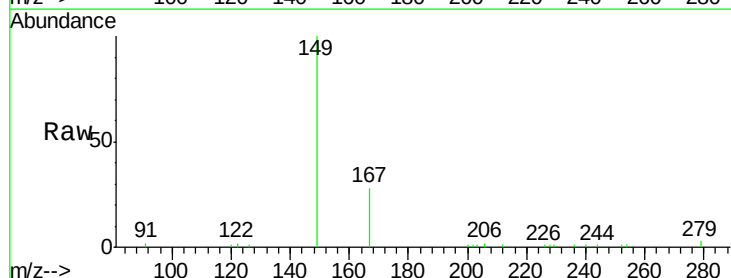
Tgt Ion:149 Resp: 7085

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.4

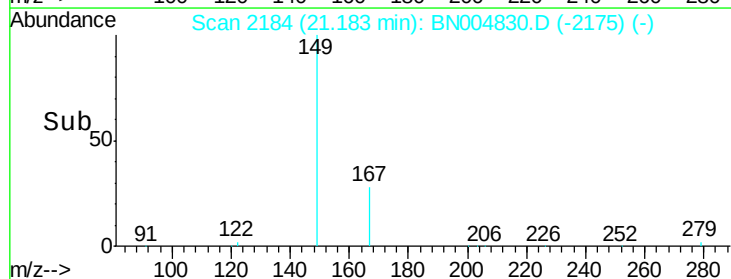
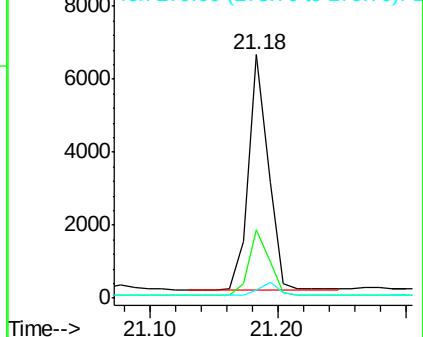
279 5.6 4.6 6.8

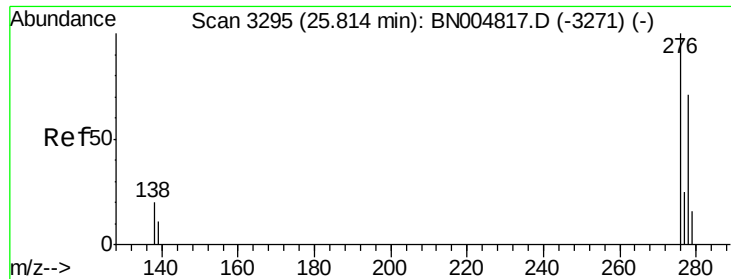


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

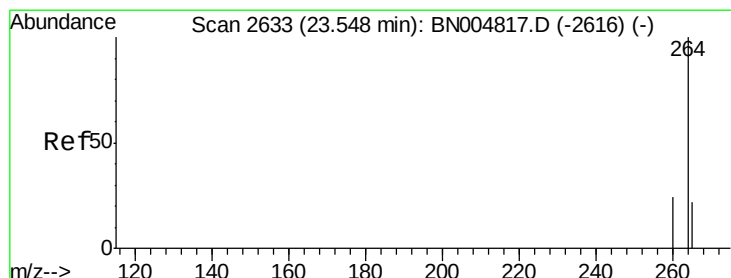
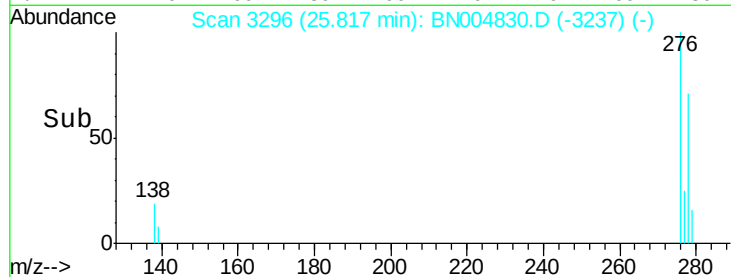
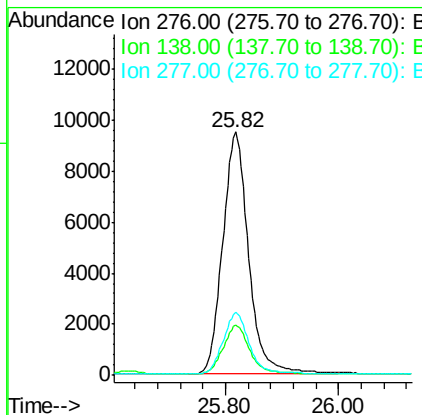
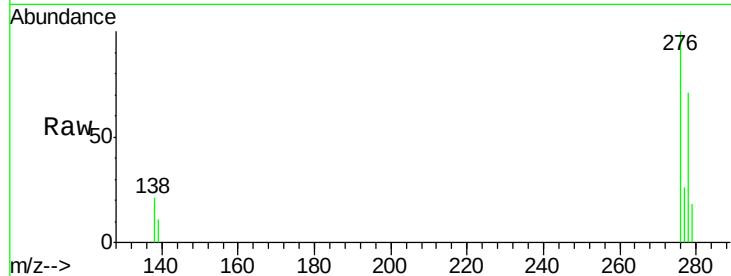




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.415 ng
 RT: 25.82 min Scan# 3296
 Delta R.T. 0.00 min
 Lab File: BN004830.D
 Acq: 20 Mar 2019 21:42

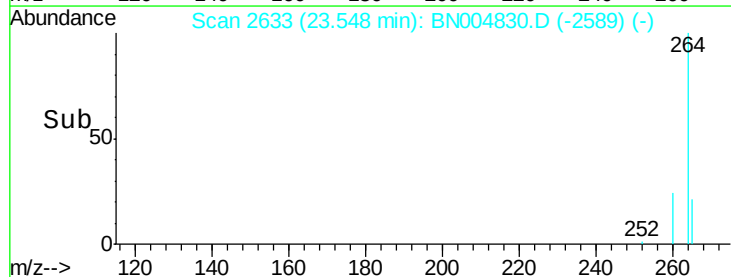
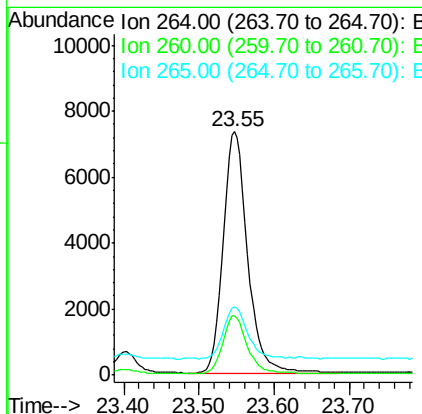
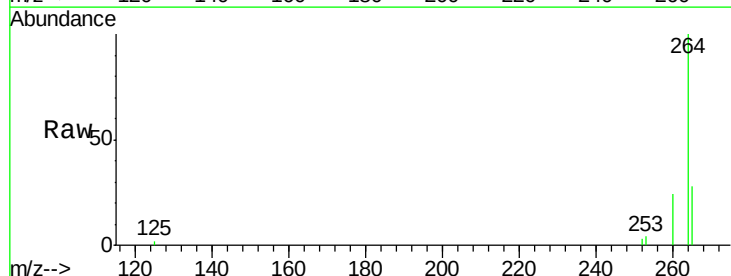
Instrument :
 BNA_N
 ClientSampleId :
 PB118093BSD

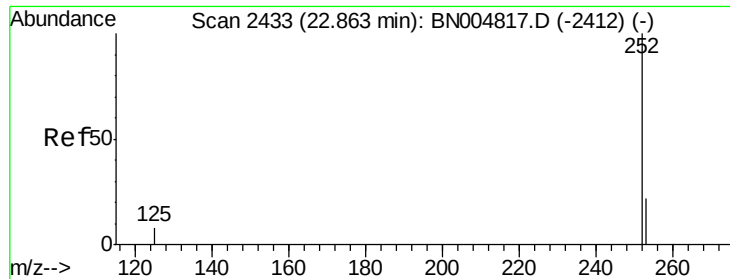
Tot Ion:276 Resp: 30117
 Ion Ratio Lower Upper
 276 100
 138 20.5 16.6 24.8
 277 25.5 20.3 30.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.55 min Scan# 2633
 Delta R.T. -0.00 min
 Lab File: BN004830.D
 Acq: 20 Mar 2019 21:42

Tgt Ion:264 Resp: 16325
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 28.0 23.1 34.7





#35

Benzo(b)fluoranthene

Concen: 0.406 ng

RT: 22.86 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB118093BSD

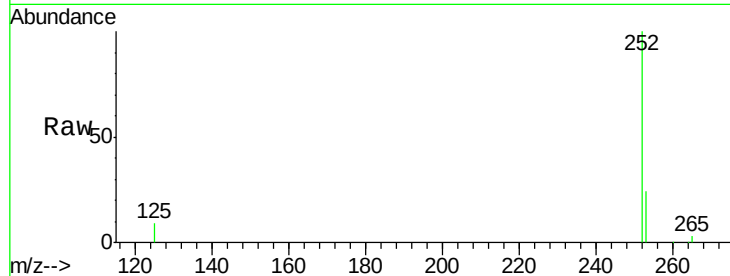
Tot Ion:252 Resp: 23994

Ion Ratio Lower Upper

252 100

253 23.8 19.0 28.4

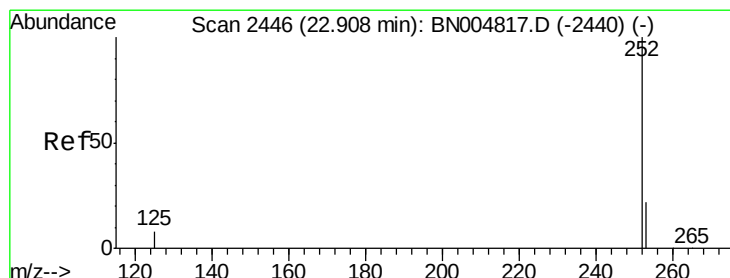
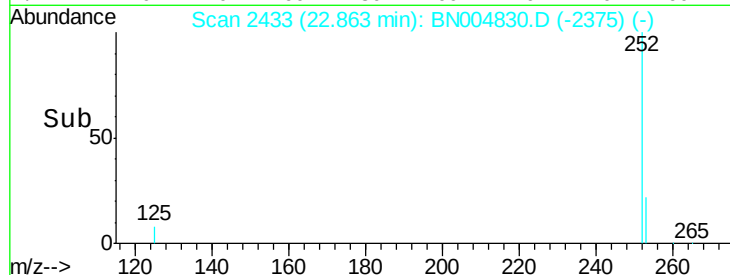
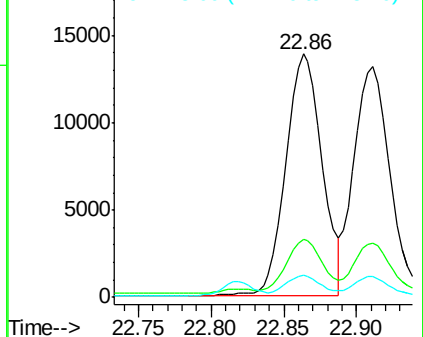
125 8.9 7.4 11.2



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: 0.395 ng

RT: 22.91 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

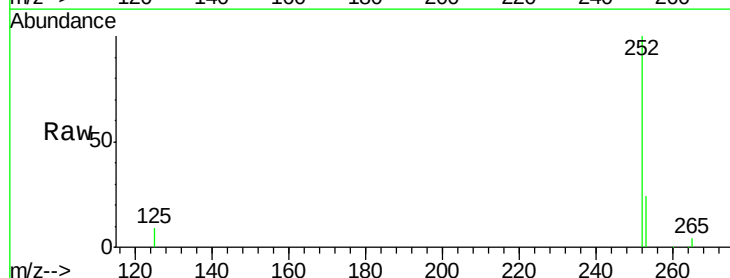
Tgt Ion:252 Resp: 22935

Ion Ratio Lower Upper

252 100

253 23.5 19.3 28.9

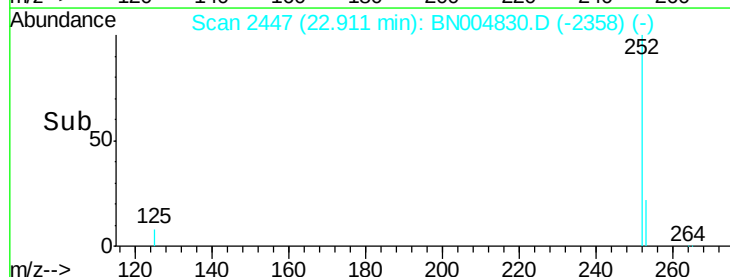
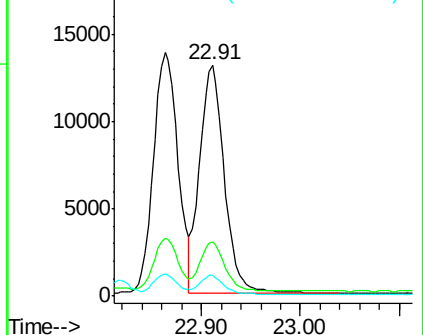
125 9.0 7.4 11.0

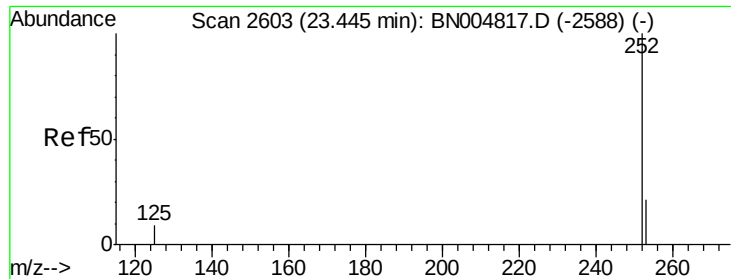


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.395 ng

RT: 23.45 min Scan# 2604

Delta R.T. 0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB118093BSD

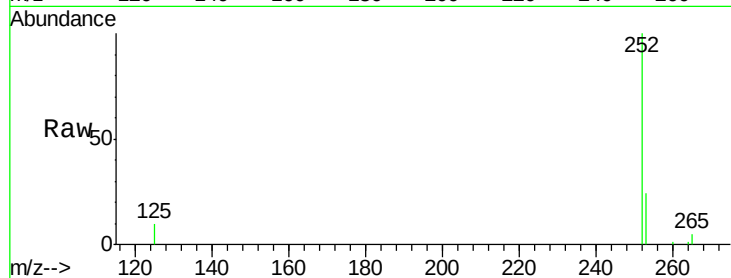
Tot Ion:252 Resp: 21407

Ion Ratio Lower Upper

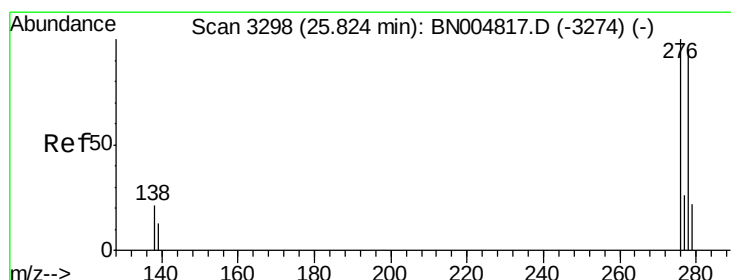
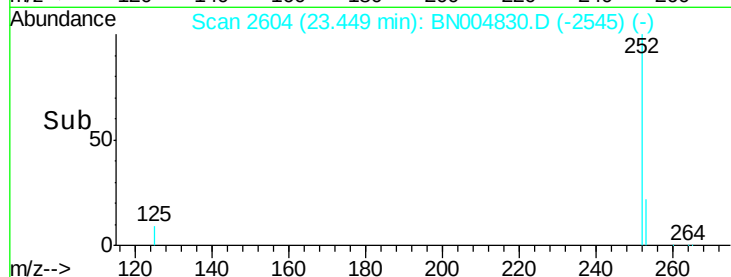
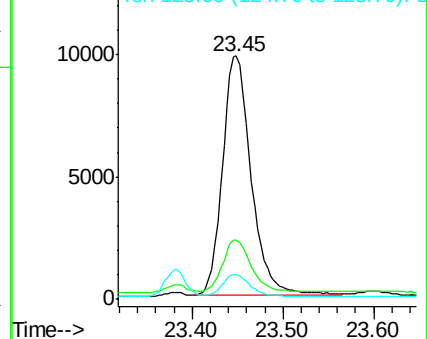
252 100

253 24.4 19.7 29.5

125 10.0 8.3 12.5



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: 0.395 ng

RT: 25.83 min Scan# 3299

Delta R.T. 0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

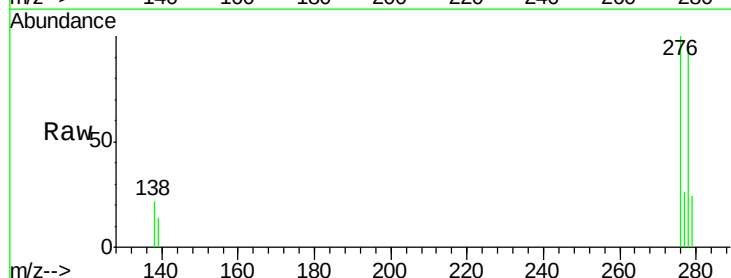
Tgt Ion:278 Resp: 24781

Ion Ratio Lower Upper

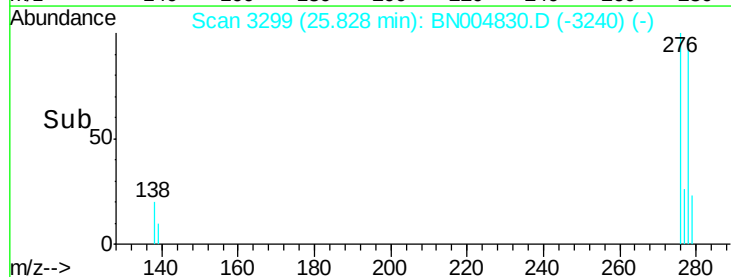
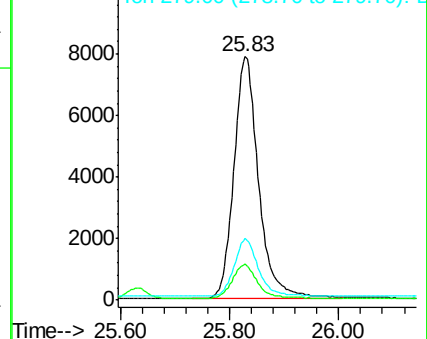
278 100

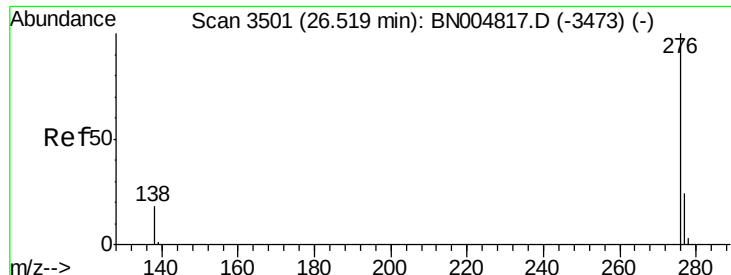
139 14.8 11.7 17.5

279 25.2 19.9 29.9



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: 0.395 ng

RT: 26.52 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BN004830.D

Acq: 20 Mar 2019 21:42

Instrument :

BNA_N

ClientSampleId :

PB118093BSD

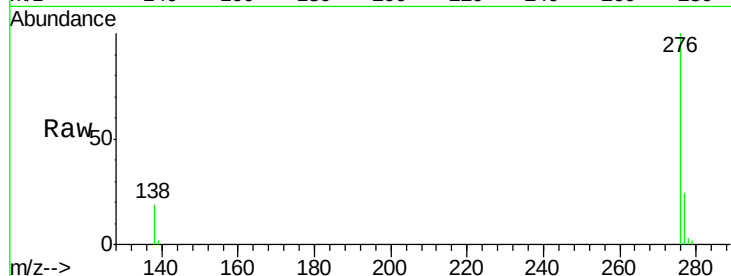
Tot Ion: 276 Resp: 25241

Ion Ratio Lower Upper

276 100

277 24.4 19.7 29.5

138 18.6 14.6 22.0



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

