

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004832.D
 Acq On : 20 Mar 2019 22:53
 Operator : JU/SJ
 Sample : PB118052BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118052BS

Quant Time: Mar 21 08:48:50 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	1492	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	6536	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	4248	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	11001	0.40	ng	0.00
27) Chrysene-d12	21.29	240	15323	0.40	ng	0.00
34) Perylene-d12	23.54	264	17097	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.29	112	1540	0.38	ng	0.00
5) Phenol-d6	6.88	99	1866	0.37	ng	0.00
8) Nitrobenzene-d5	8.87	82	1575	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	4552	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	961	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	7086	0.40	ng	0.00
25) Fluoranthene-d10	19.13	212	14142	0.38	ng	0.00
29) Terphenyl-d14	19.73	244	12578	0.40	ng	0.00

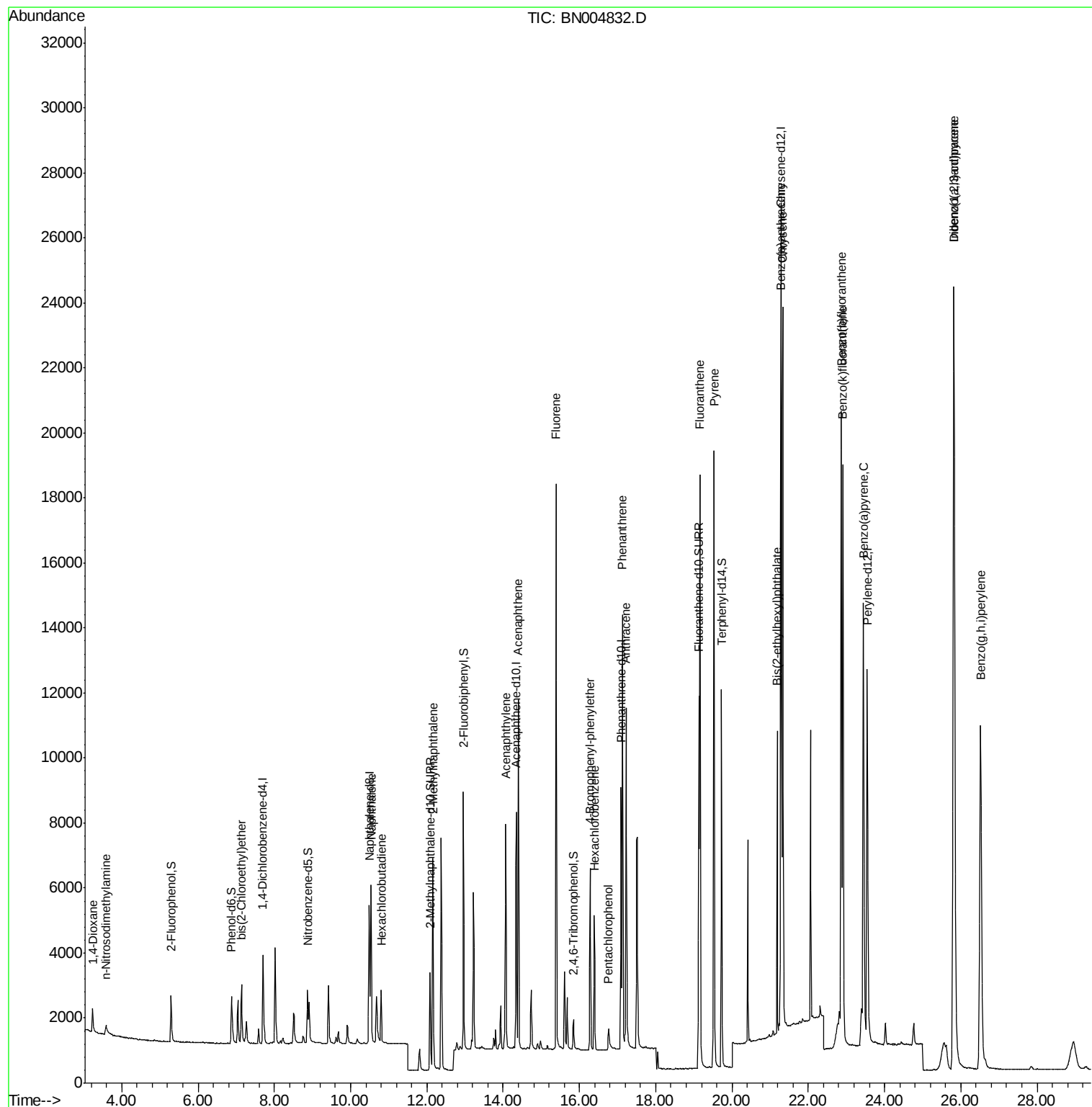
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	629	0.371	ng	97
3) n-Nitrosodimethylamine	3.58	42	324	0.323	ng	95
6) bis(2-Chloroethyl)ether	7.14	93	1771	0.389	ng	96
9) Naphthalene	10.54	128	7325	0.400	ng	99
10) Hexachlorobutadiene	10.81	225	1451	0.415	ng	# 98
12) 2-Methylnaphthalene	12.16	142	5487	0.403	ng	100
16) Acenaphthylene	14.06	152	8056	0.368	ng	100
17) Acenaphthene	14.40	154	5724	0.399	ng	99
18) Fluorene	15.39	166	7932	0.397	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	2813	0.391	ng	100
21) Hexachlorobenzene	16.39	284	3356	0.408	ng	99
22) Pentachlorophenol	16.76	266	538	0.334	ng	97
23) Phenanthrene	17.13	178	14050	0.396	ng	99
24) Anthracene	17.23	178	11923	0.376	ng	100
26) Fluoranthene	19.16	202	17820	0.390	ng	99
28) Pyrene	19.53	202	18362	0.393	ng	100
30) Benzo(a)anthracene	21.28	228	18998	0.378	ng	99
31) Chrysene	21.33	228	21946	0.415	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	7711	0.384	ng	100
33) Indeno(1,2,3-cd)pyrene	25.81	276	31235	0.408	ng	100
35) Benzo(b)fluoranthene	22.86	252	25291	0.409	ng	100
36) Benzo(k)fluoranthene	22.91	252	23940	0.393	ng	99
37) Benzo(a)pyrene	23.44	252	22306	0.393	ng	100
38) Dibenzo(a,h)anthracene	25.82	278	25686	0.391	ng	100
39) Benzo(g,h,i)perylene	26.52	276	25883	0.387	ng	100

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

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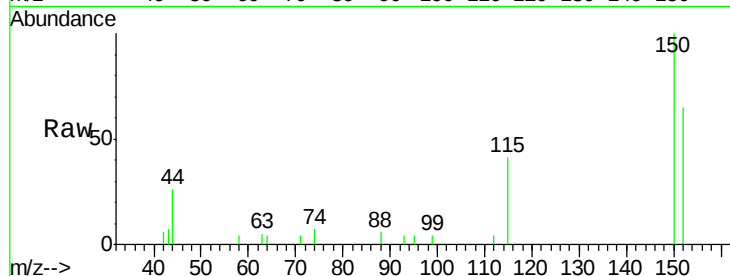


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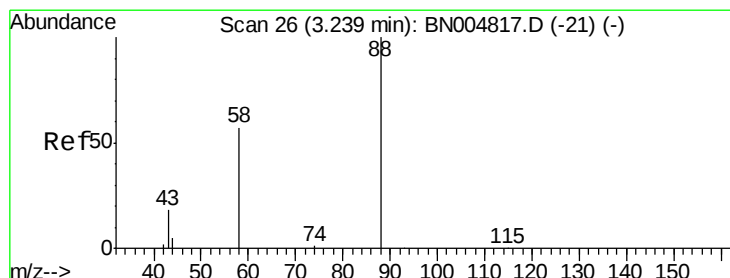
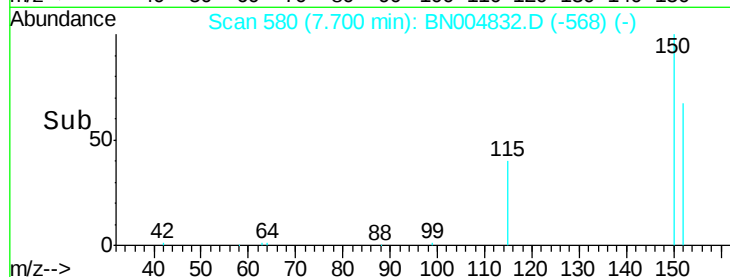
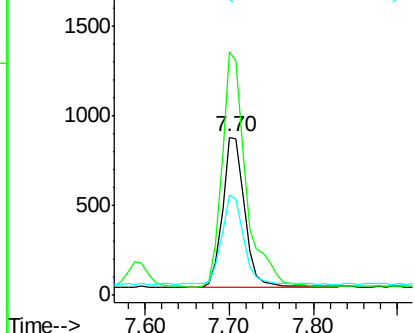
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tot Ion:152 Resp: 1492
Ion Ratio Lower Upper
152 100
150 153.8 126.2 189.4
115 63.1 52.6 79.0



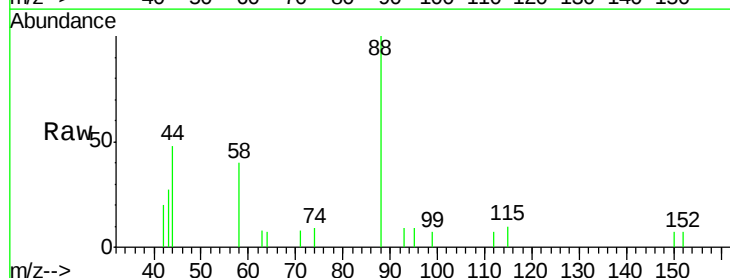
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



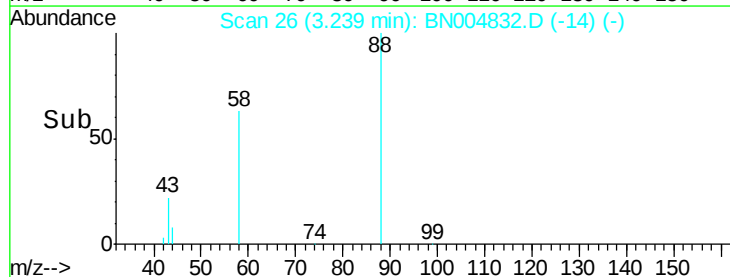
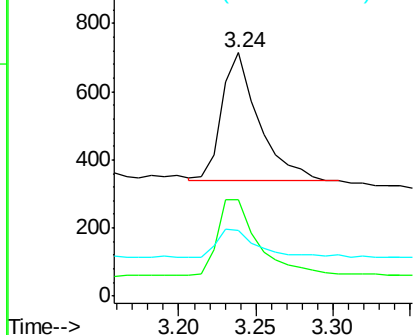
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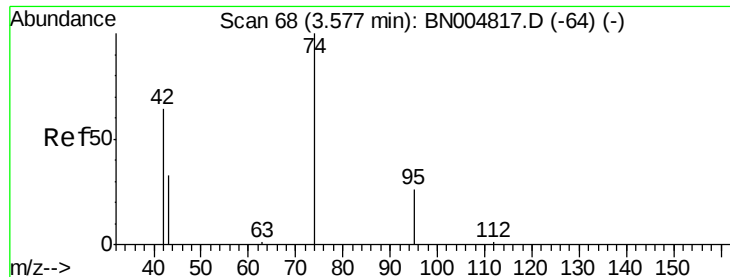
1,4-Dioxane
Concen: 0.371 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion: 88 Resp: 629
Ion Ratio Lower Upper
88 100
58 66.3 51.4 77.2
43 23.2 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



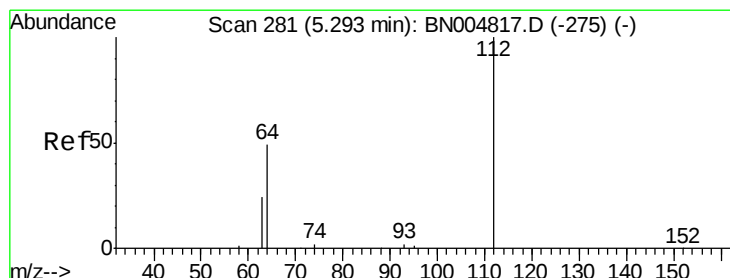
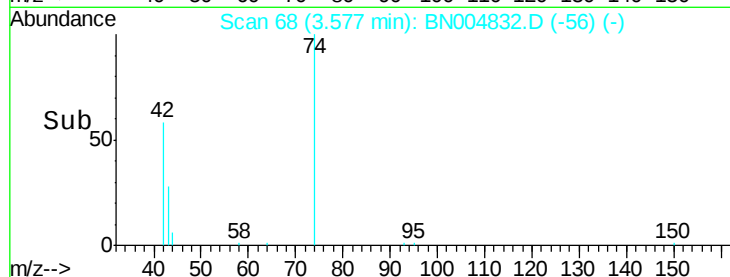
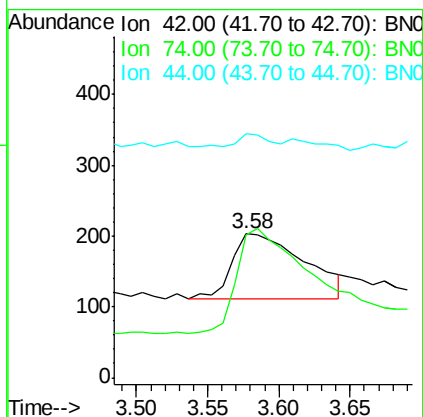
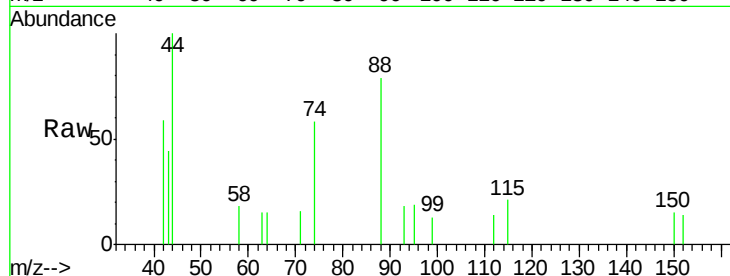


#3

n-Nitrosodimethylamine
 Concen: 0.323 ng
 RT: 3.58 min Scan# 68
 Delta R.T. -0.00 min
 Lab File: BN004832.D
 Acq: 20 Mar 2019 22:53

Instrument :
 BNA_N
 ClientSampleId :
 PB118052BS

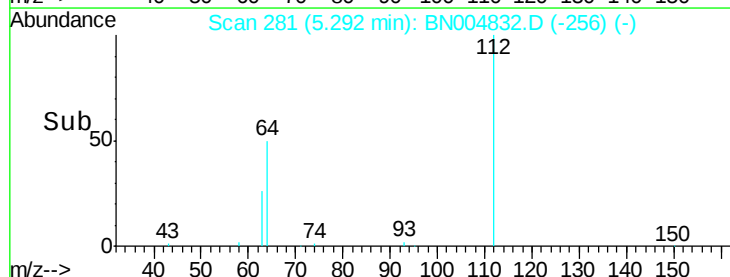
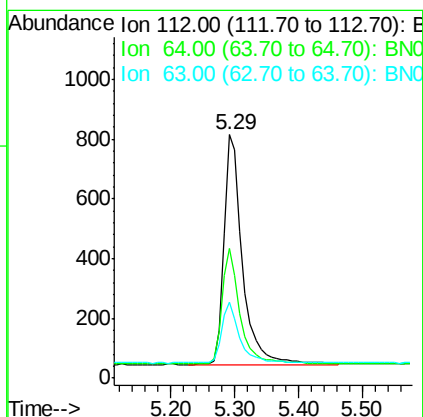
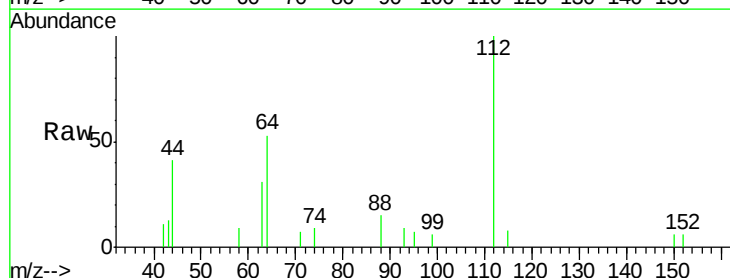
Tot Ion: 42 Resp: 324
 Ion Ratio Lower Upper
 42 100
 74 154.0 128.4 192.6
 44 7.1 6.1 9.1

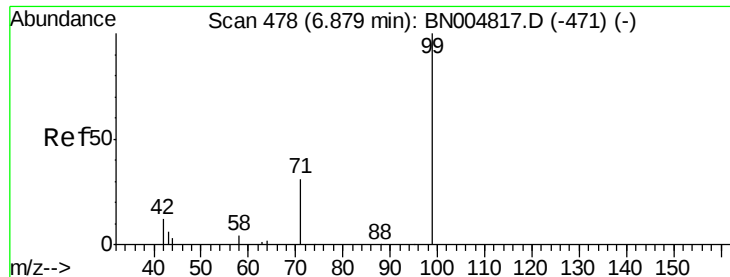


#4

2-Fluorophenol
 Concen: 0.380 ng
 RT: 5.29 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: BN004832.D
 Acq: 20 Mar 2019 22:53

Tgt Ion: 112 Resp: 1540
 Ion Ratio Lower Upper
 112 100
 64 49.4 40.0 60.0
 63 25.1 20.2 30.2





#5

Phenol-d6

Concen: 0.370 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

PB118052BS

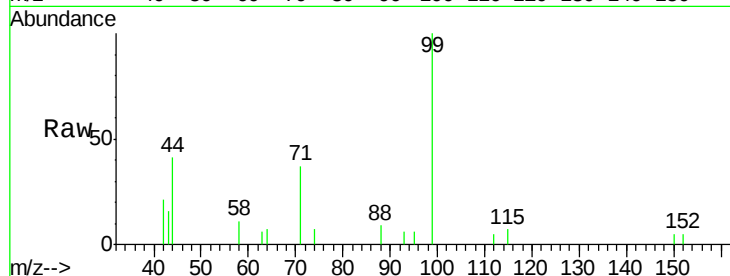
Tot Ion: 99 Resp: 1866

Ion Ratio Lower Upper

99 100

42 14.8 12.7 19.1

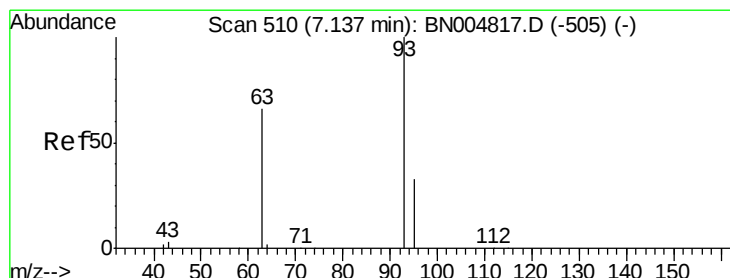
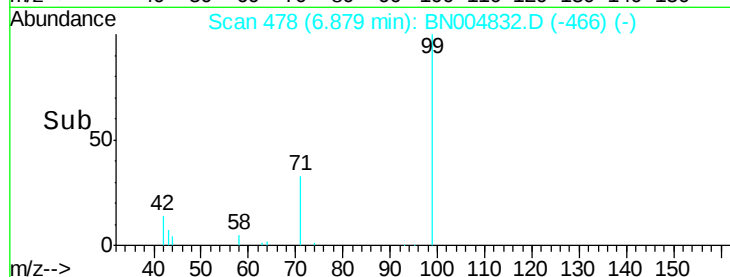
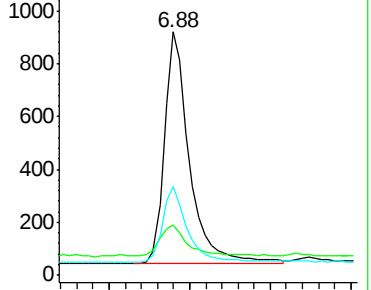
71 31.8 26.6 40.0



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: 0.389 ng

RT: 7.14 min Scan# 510

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

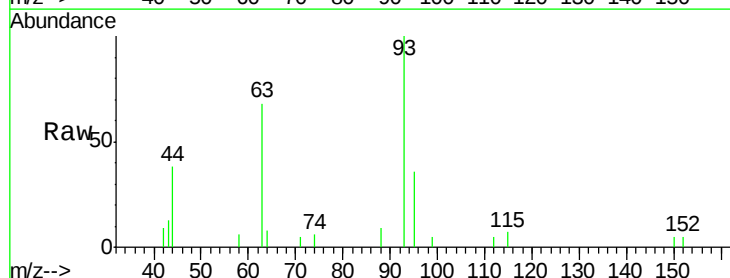
Tgt Ion: 93 Resp: 1771

Ion Ratio Lower Upper

93 100

63 61.9 52.6 78.8

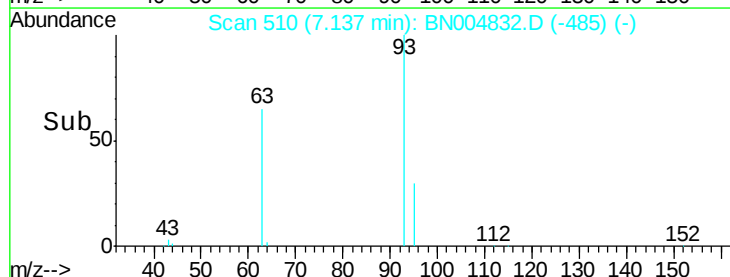
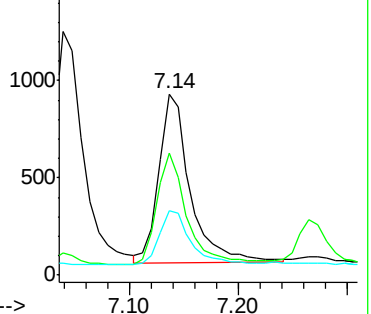
95 31.7 25.9 38.9

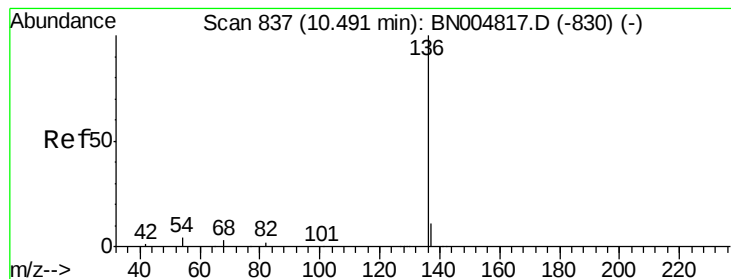


Abundance Ion 93.00 (92.70 to 93.70): BN004817.D (-505) (-)

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: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

PB118052BS

Tot Ion:136 Resp: 6536

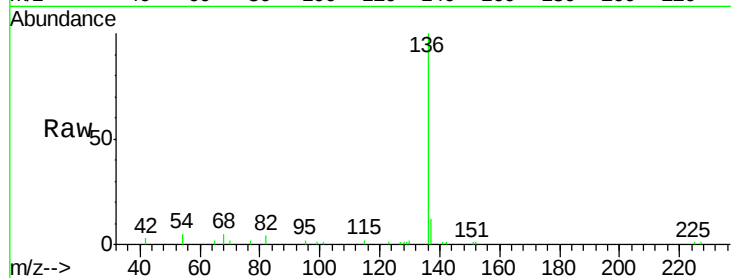
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 5.3 4.2 6.2

68 4.7 3.9 5.9

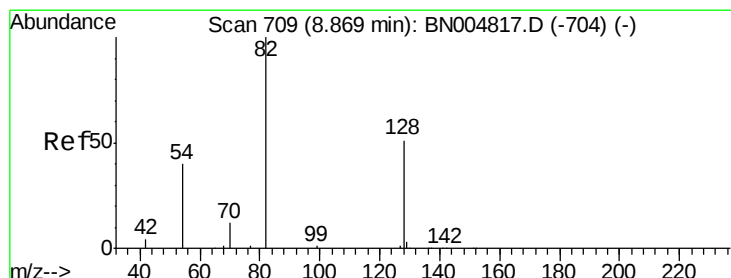
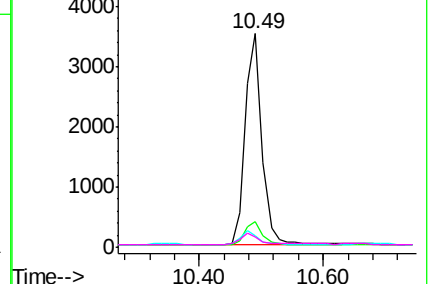
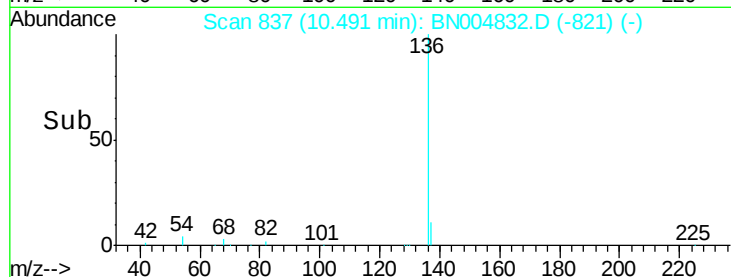


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.364 ng

RT: 8.87 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

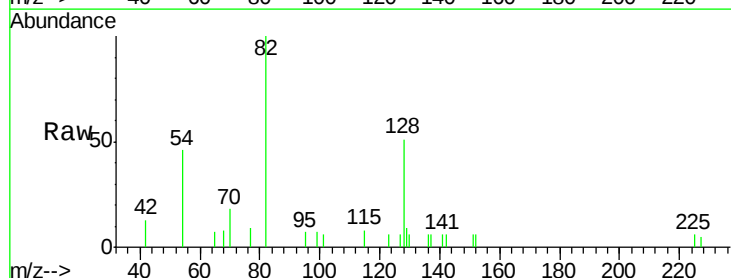
Tgt Ion: 82 Resp: 1575

Ion Ratio Lower Upper

82 100

128 50.9 43.0 64.6

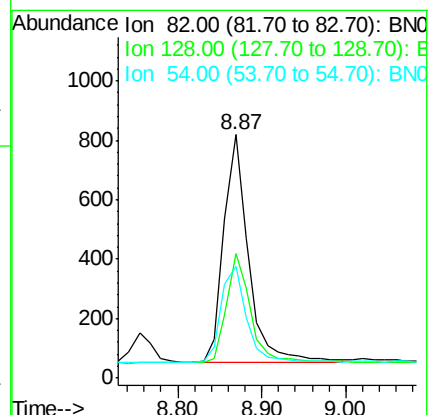
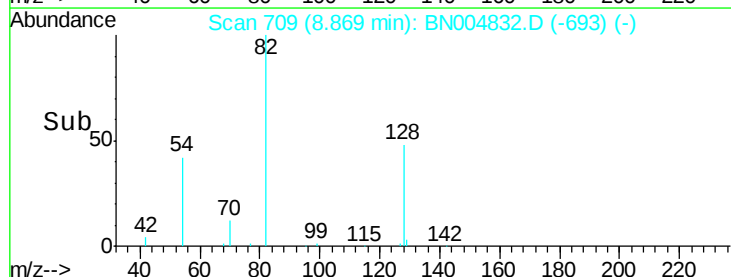
54 45.8 35.3 52.9

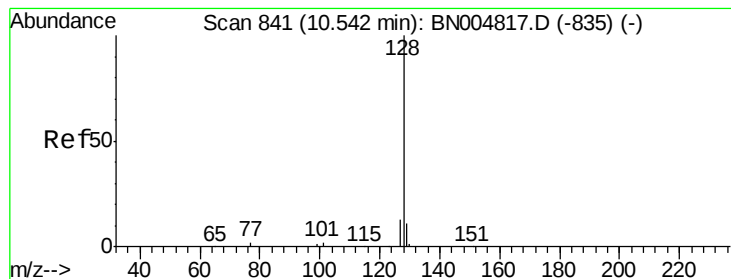


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.400 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

PB118052BS

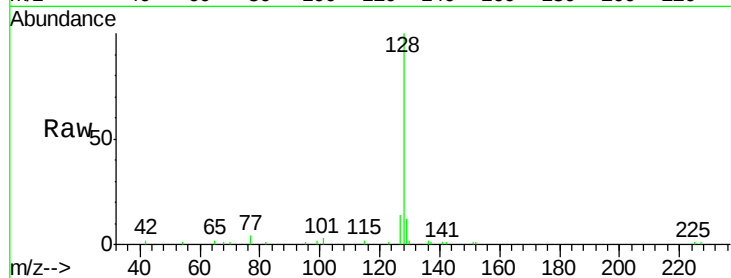
Tot Ion:128 Resp: 7325

Ion Ratio Lower Upper

128 100

129 11.8 9.9 14.9

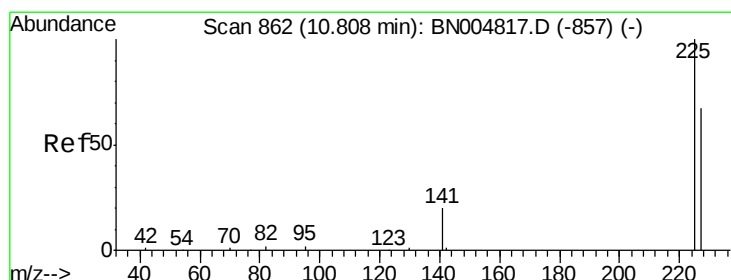
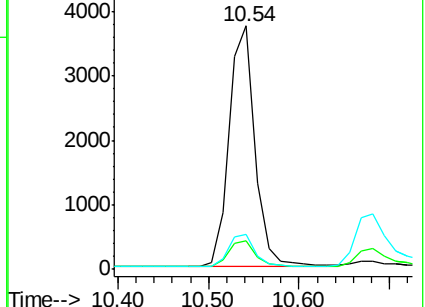
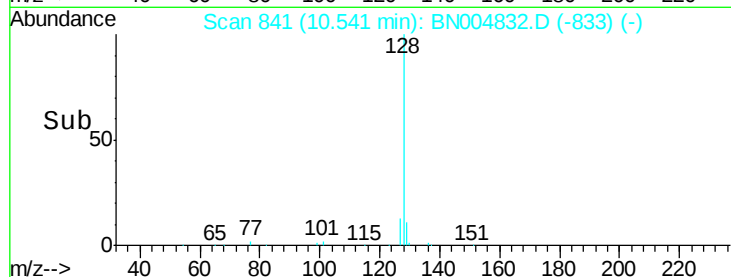
127 14.1 11.3 16.9



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: 0.415 ng

RT: 10.81 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

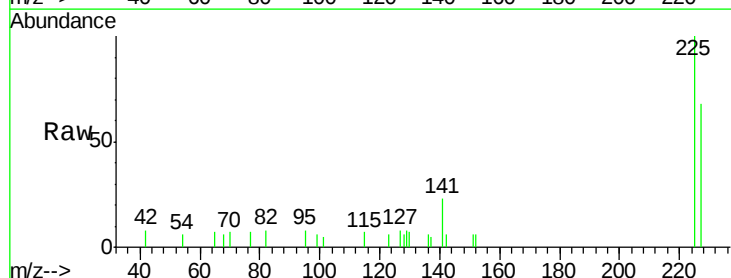
Tgt Ion:225 Resp: 1451

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

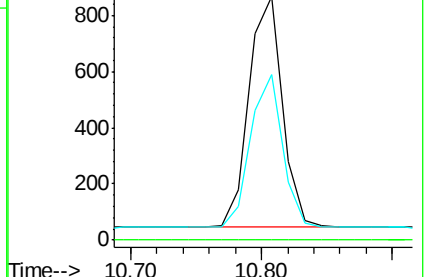
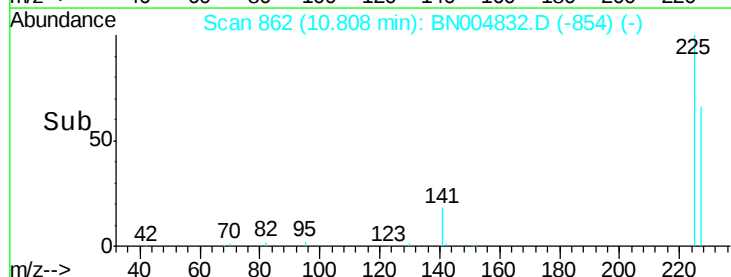
227 64.0 52.2 78.4

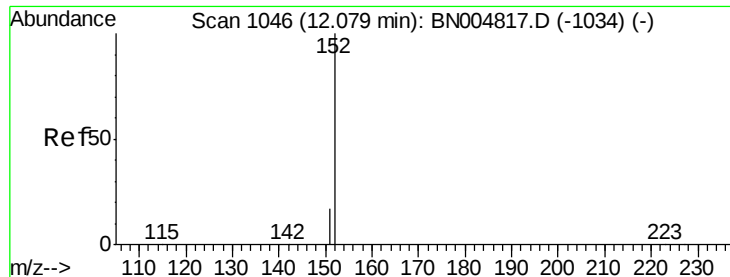


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

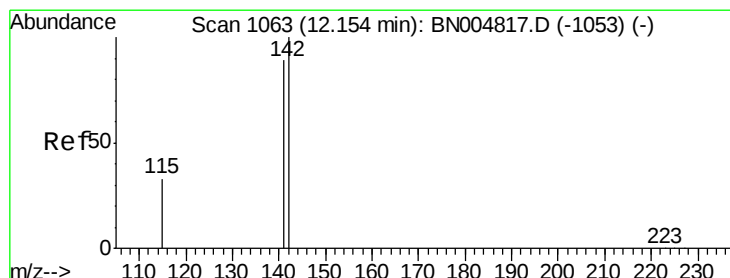
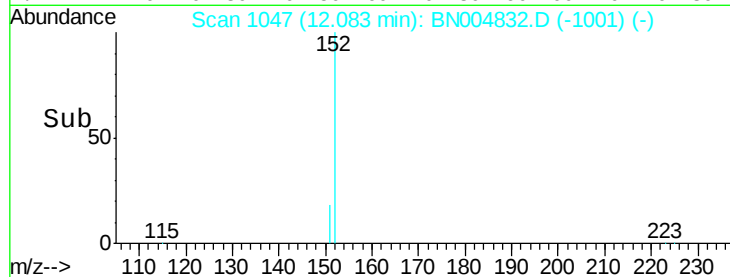
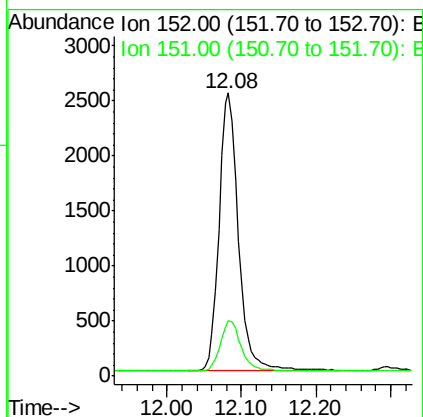
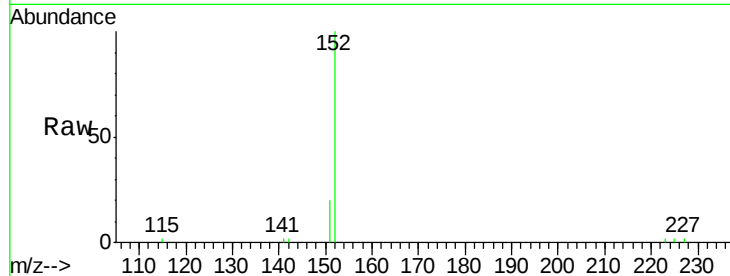




#11
 2-Methylnaphthalene-d10
 Concen: 0.399 ng
 RT: 12.08 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BN004832.D
 Acq: 20 Mar 2019 22:53

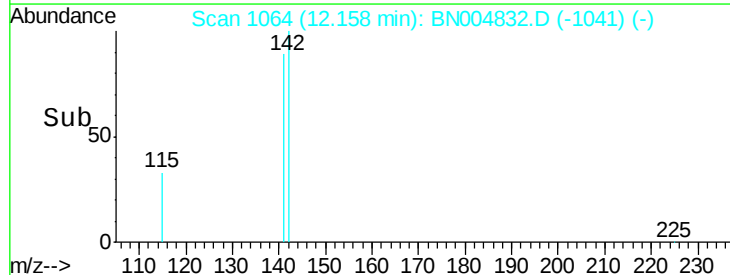
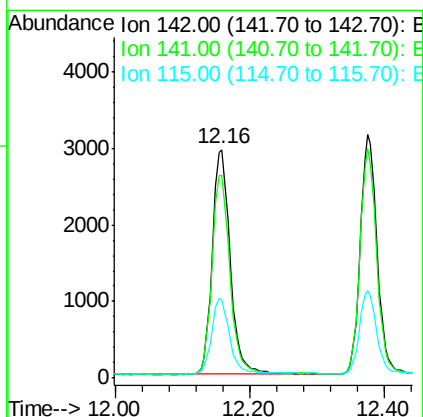
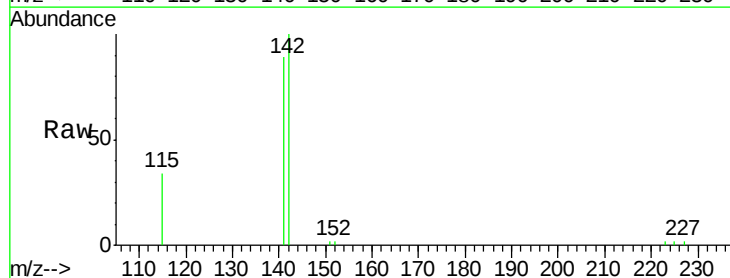
Instrument :
 BNA_N
 ClientSampleId :
 PB118052BS

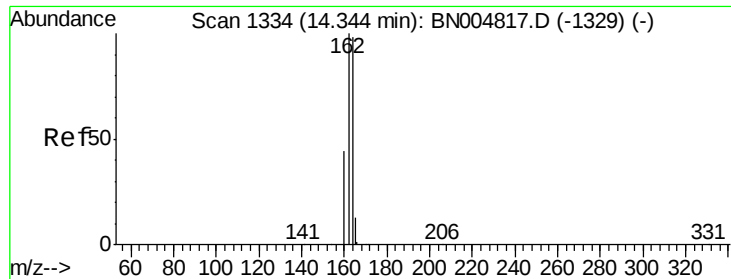
Tot Ion:152 Resp: 4552
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.403 ng
 RT: 12.16 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BN004832.D
 Acq: 20 Mar 2019 22:53

Tgt Ion:142 Resp: 5487
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.4 107.2
 115 34.2 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

PB118052BS

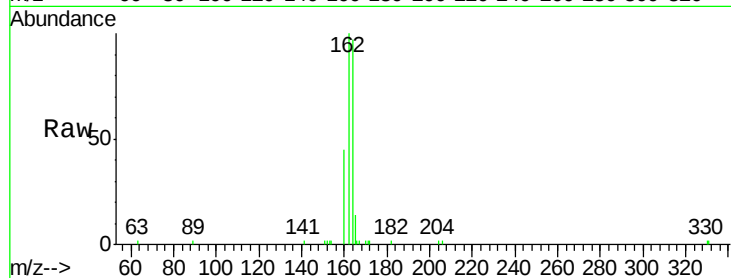
Tot Ion:164 Resp: 4248

Ion Ratio Lower Upper

164 100

162 103.5 81.9 122.9

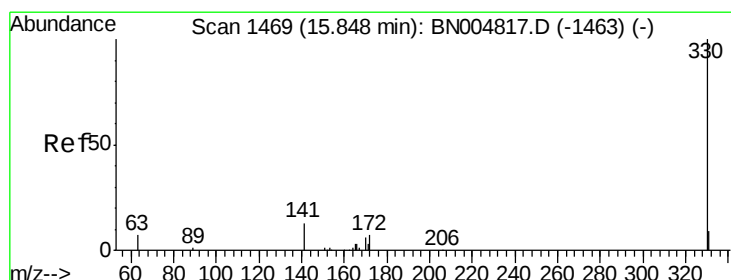
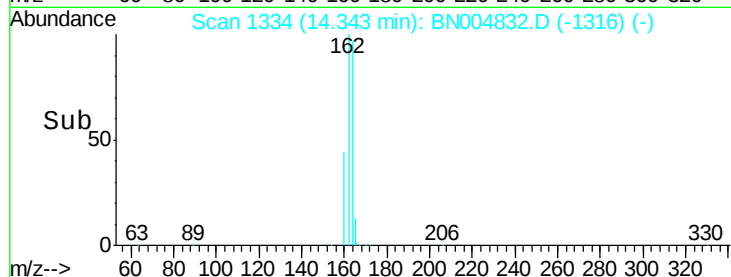
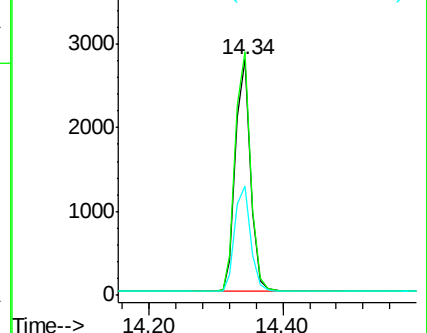
160 46.5 36.6 54.8



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: 0.328 ng

RT: 15.85 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

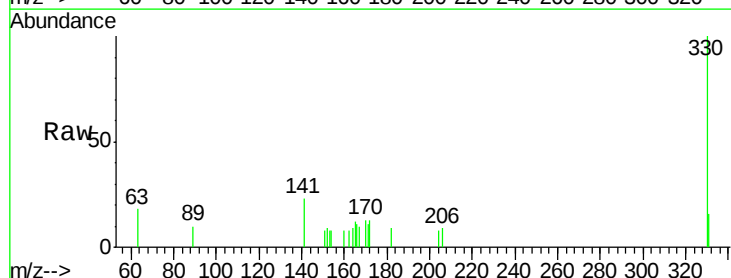
Tgt Ion:330 Resp: 961

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

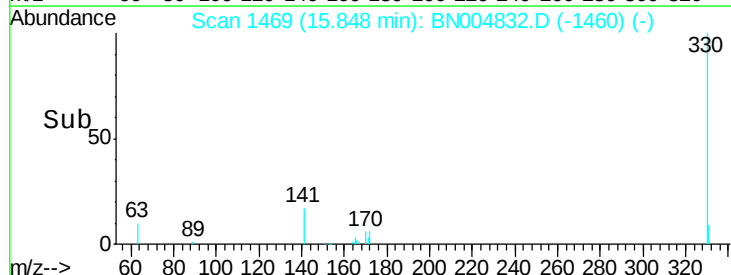
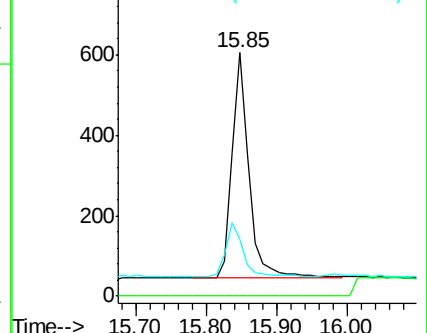
141 23.8 20.9 31.3

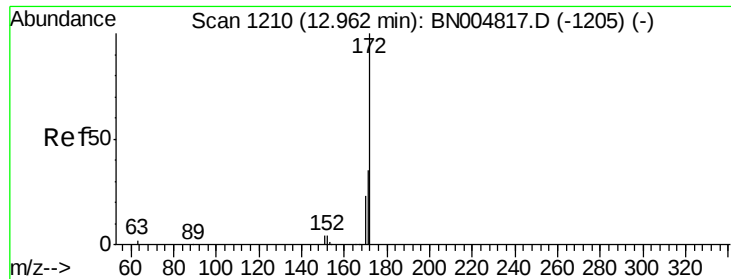


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

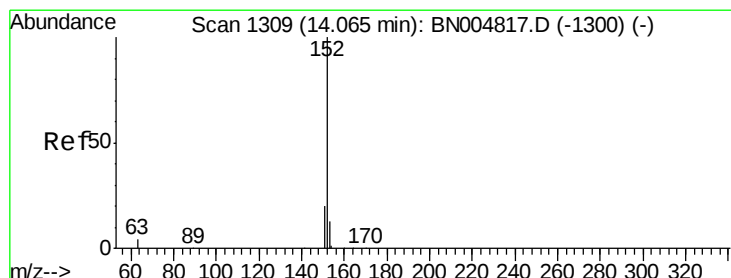
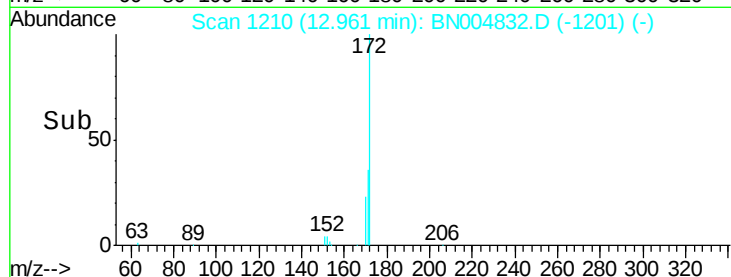
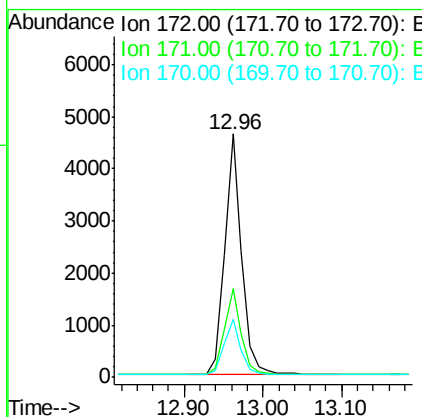
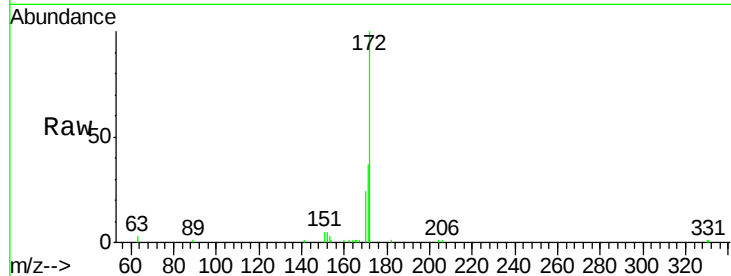




#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

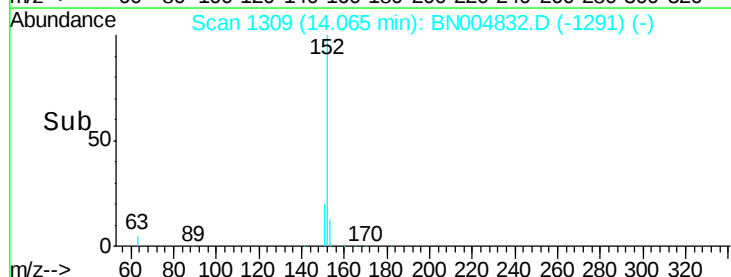
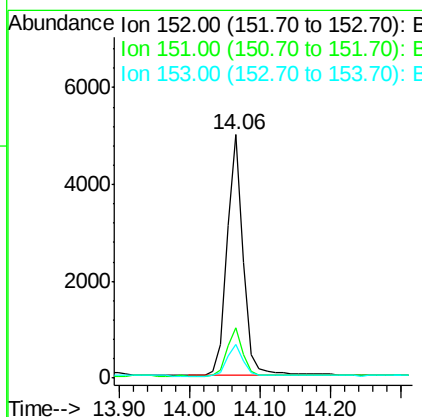
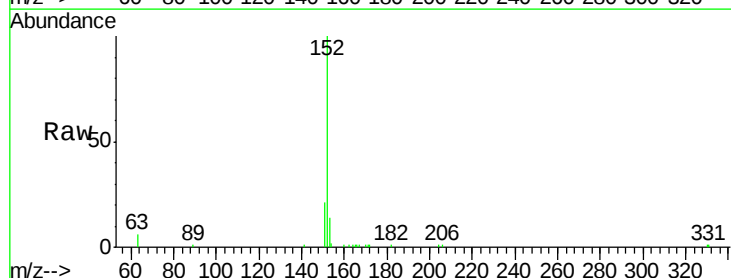
Instrument :
BNA_N
ClientSampleId :
PB118052BS

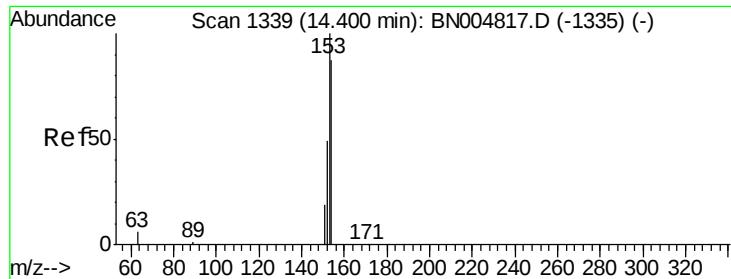
Tot Ion:172 Resp: 7086
Ion Ratio Lower Upper
172 100
171 36.6 28.7 43.1
170 23.7 18.7 28.1



#16
Acenaphthylene
Concen: 0.368 ng
RT: 14.06 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion:152 Resp: 8056
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.399 ng

RT: 14.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

PB118052BS

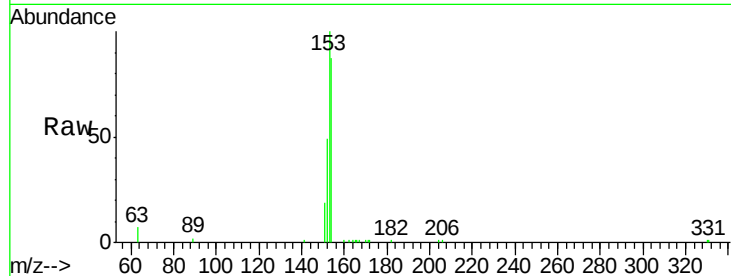
Tot Ion:154 Resp: 5724

Ion Ratio Lower Upper

154 100

153 113.5 91.4 137.2

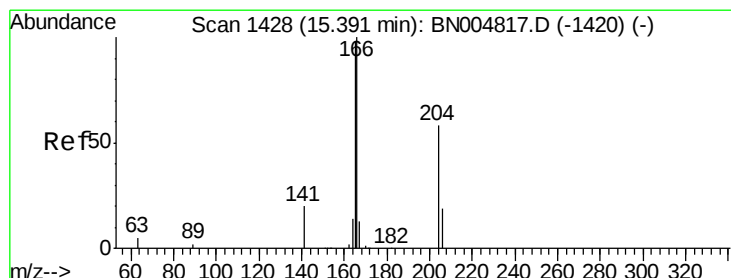
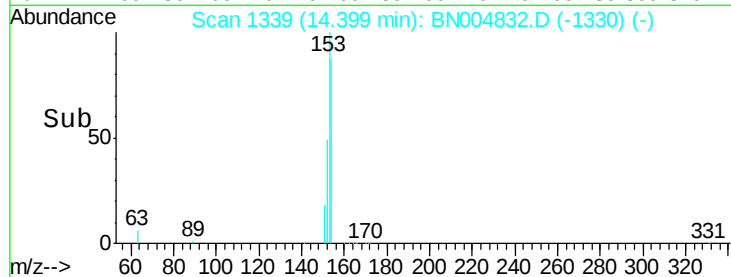
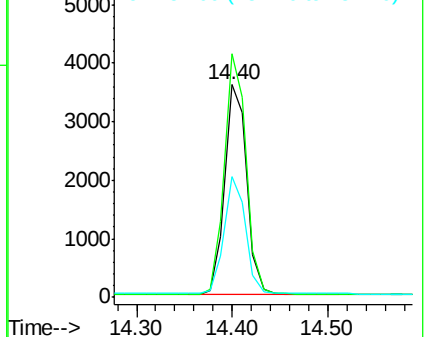
152 54.9 44.2 66.2



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: 0.397 ng

RT: 15.39 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

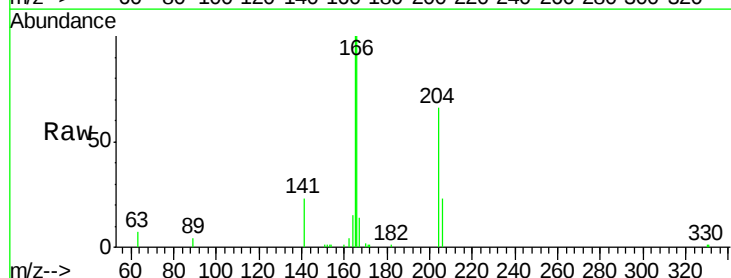
Tgt Ion:166 Resp: 7932

Ion Ratio Lower Upper

166 100

165 98.1 78.2 117.4

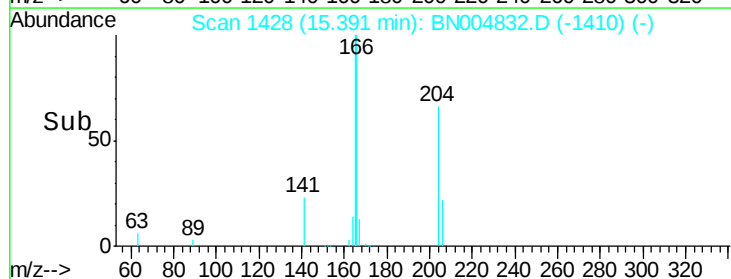
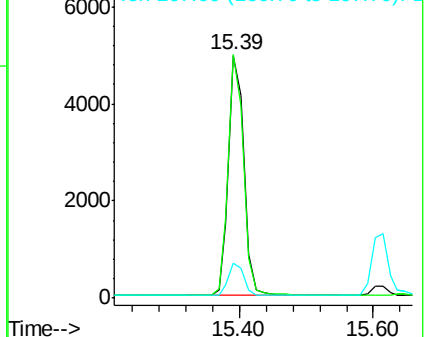
167 13.5 11.0 16.4

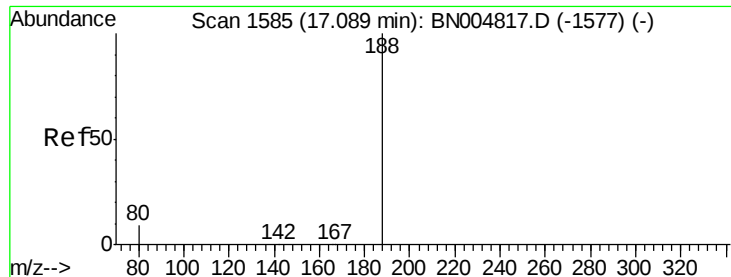


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

PB118052BS

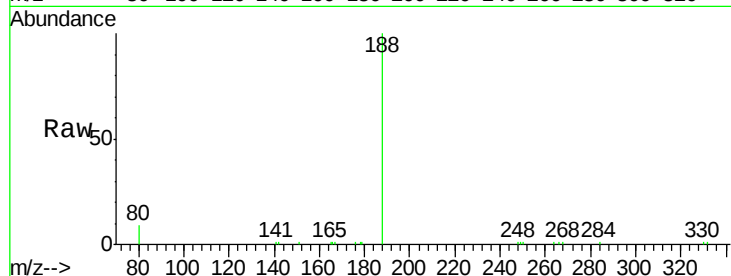
Tot Ion:188 Resp: 11001

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

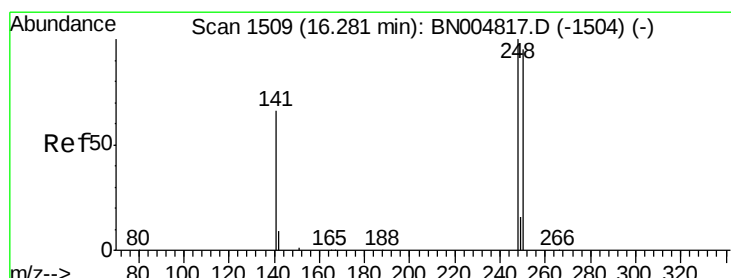
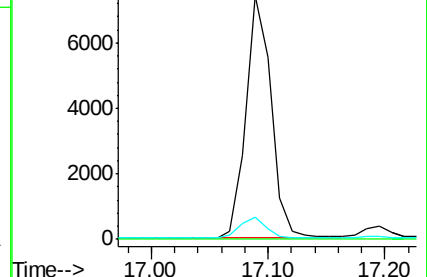
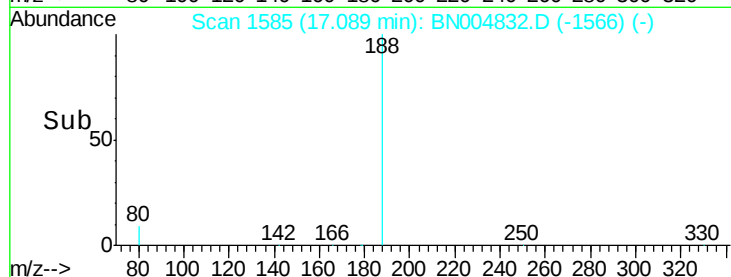
80 9.3 7.4 11.2



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: 0.391 ng

RT: 16.28 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

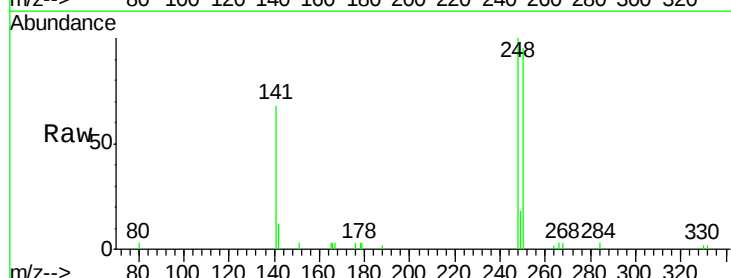
Tgt Ion:248 Resp: 2813

Ion Ratio Lower Upper

248 100

250 95.4 76.2 114.4

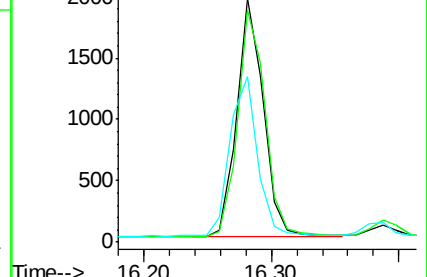
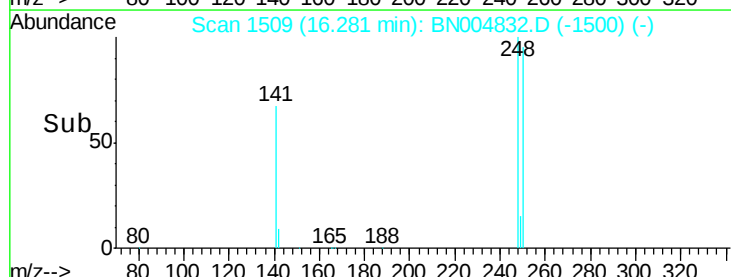
141 68.2 53.9 80.9

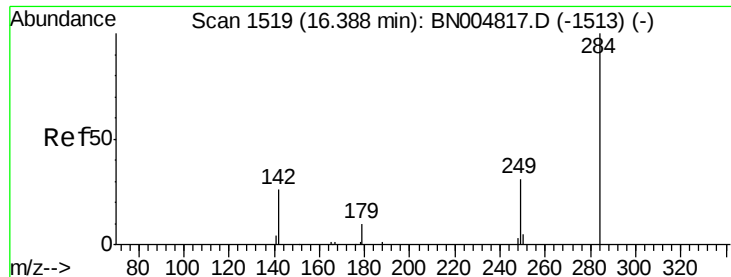


Abundance Ion 248.00 (247.70 to 248.70): E

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: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

PB118052BS

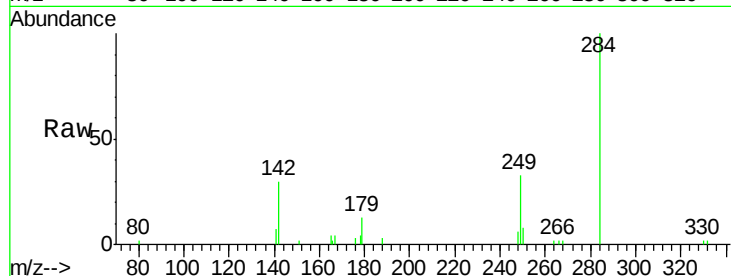
Tot Ion:284 Resp: 3356

Ion Ratio Lower Upper

284 100

142 28.3 22.6 34.0

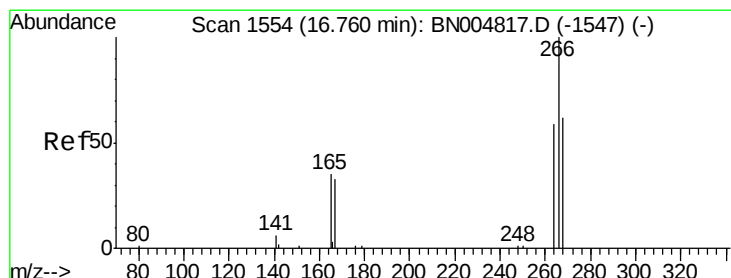
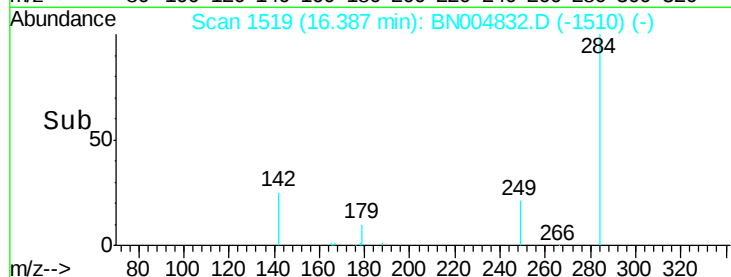
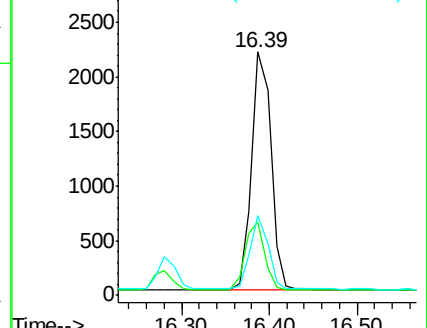
249 29.0 22.5 33.7



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: 0.334 ng

RT: 16.76 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

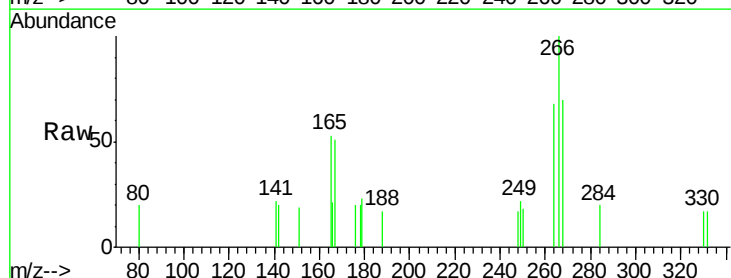
Tgt Ion:266 Resp: 538

Ion Ratio Lower Upper

266 100

264 68.2 53.1 79.7

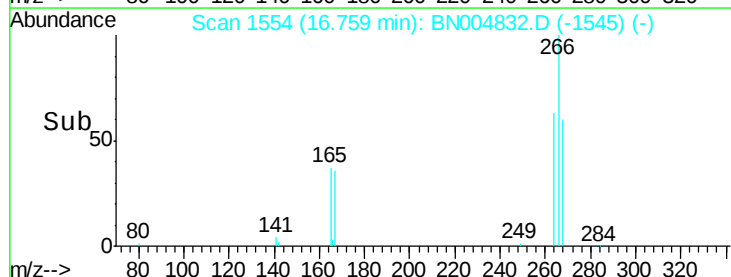
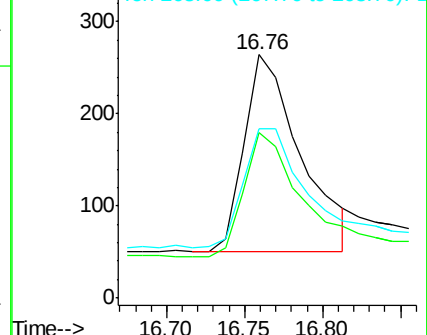
268 69.7 57.7 86.5

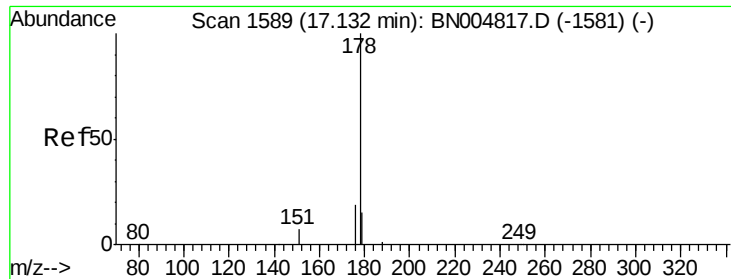


Abundance Ion 266.00 (265.70 to 266.70): E

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: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

PB118052BS

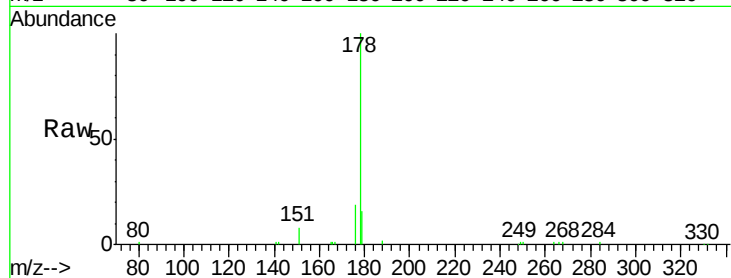
Tot Ion:178 Resp: 14050

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

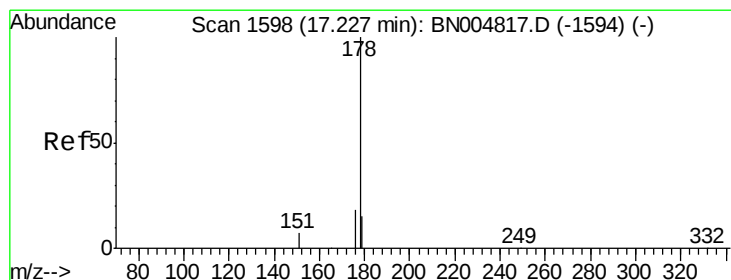
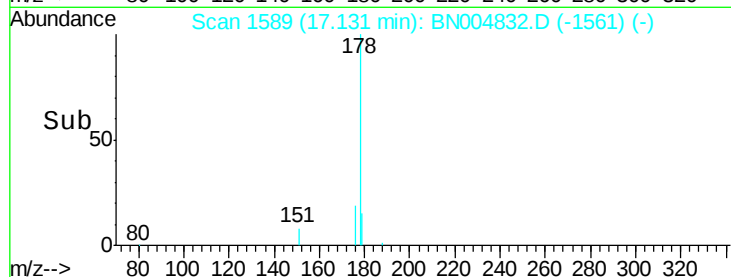
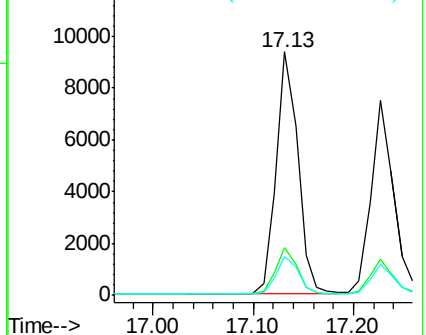
179 15.7 12.1 18.1



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: BN004832.D

Acq: 20 Mar 2019 22:53

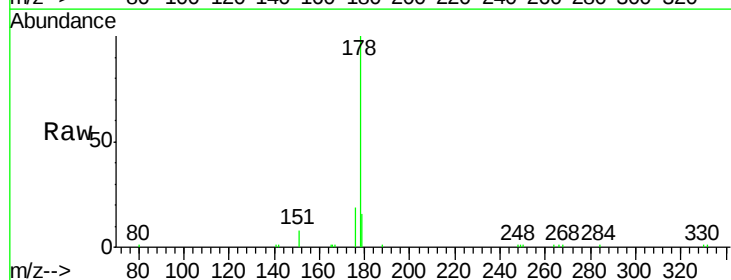
Tgt Ion:178 Resp: 11923

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

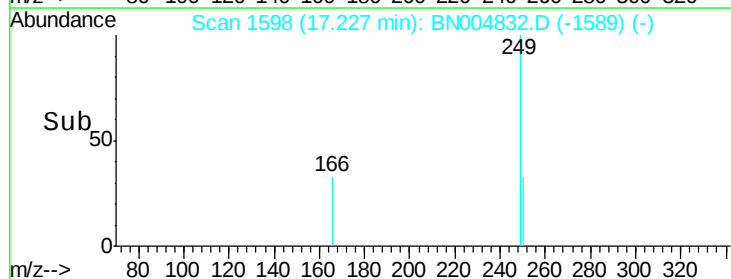
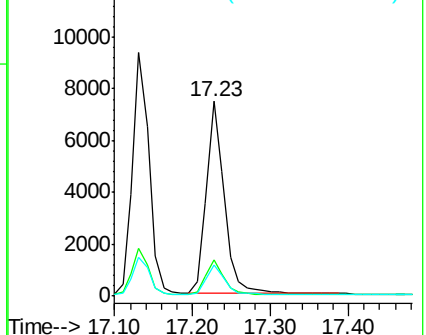
179 15.3 12.2 18.4

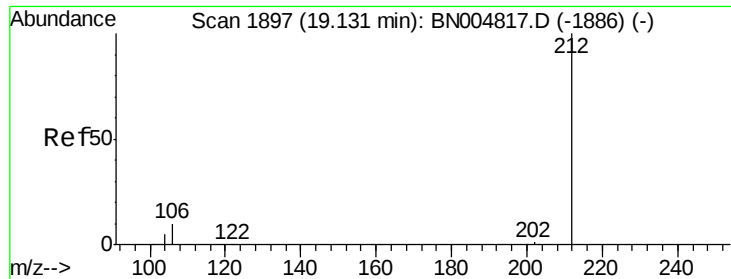


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.384 ng

RT: 19.13 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

PB118052BS

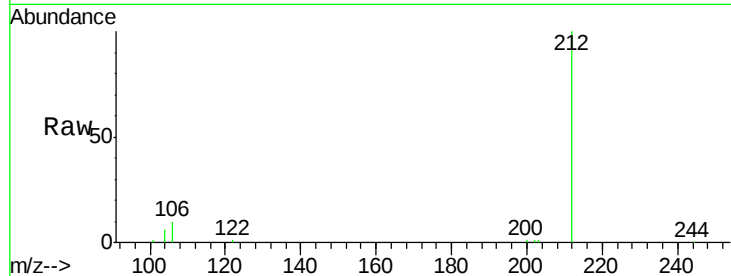
Tot Ion:212 Resp: 14142

Ion Ratio Lower Upper

212 100

106 10.5 8.6 13.0

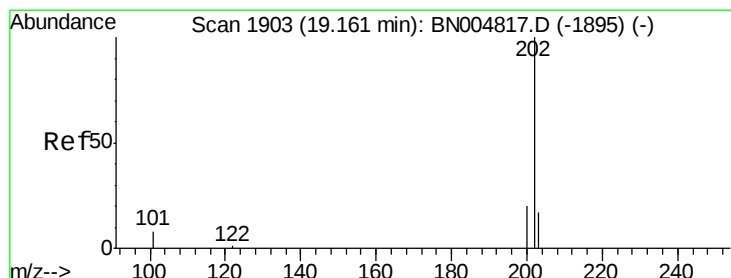
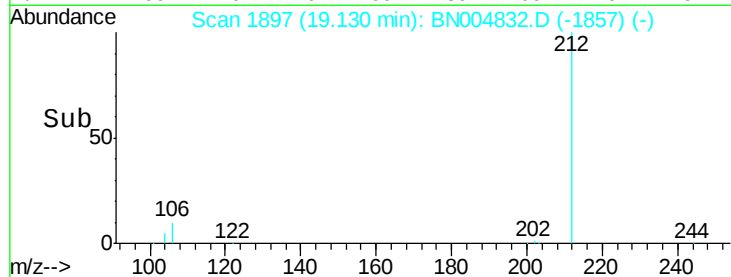
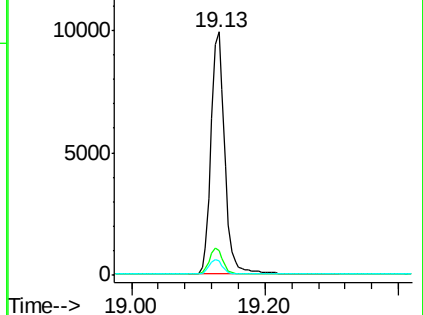
104 5.9 4.7 7.1



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: 0.390 ng

RT: 19.16 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

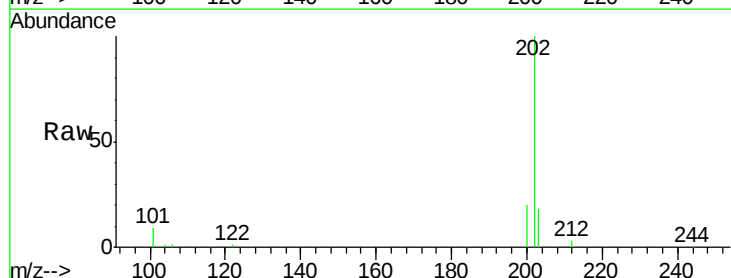
Tgt Ion:202 Resp: 17820

Ion Ratio Lower Upper

202 100

101 9.1 7.5 11.3

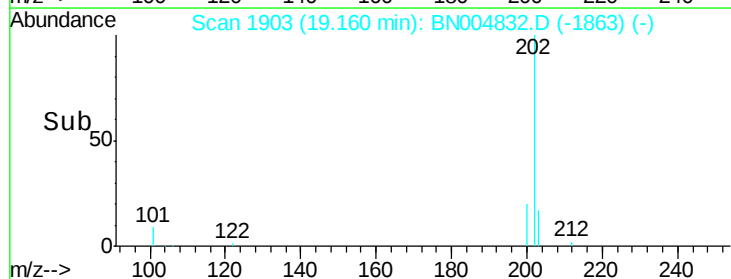
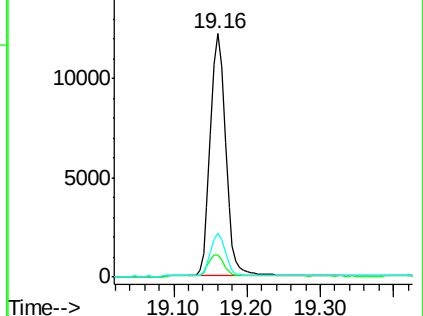
203 17.4 13.8 20.6

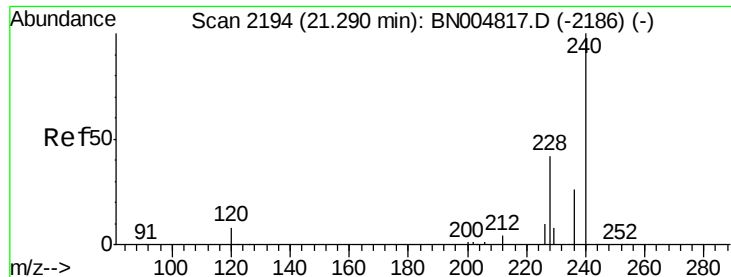


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

PB118052BS

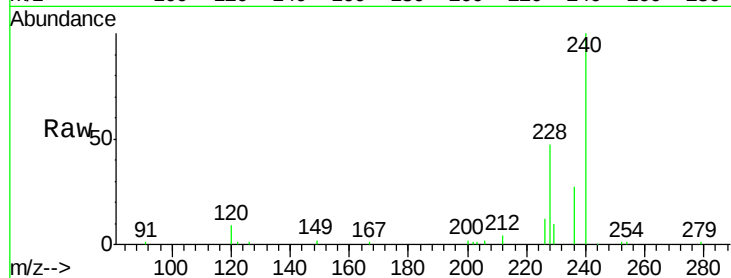
Tot Ion:240 Resp: 15323

Ion Ratio Lower Upper

240 100

120 8.7 7.2 10.8

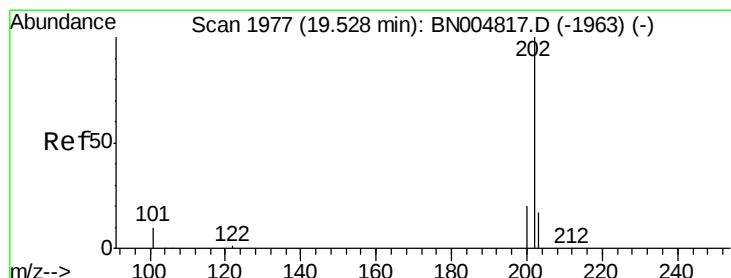
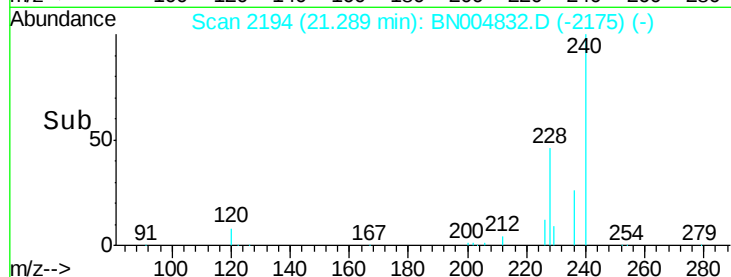
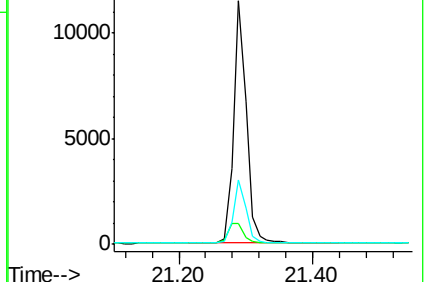
236 26.5 20.9 31.3



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: 0.393 ng

RT: 19.53 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

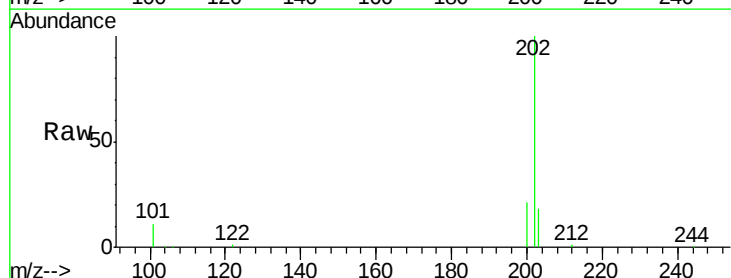
Tgt Ion:202 Resp: 18362

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

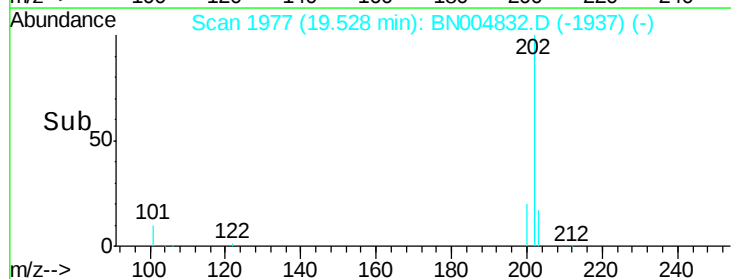
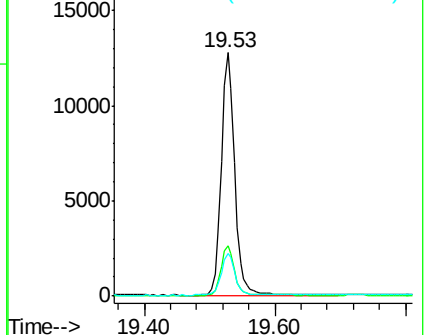
203 17.9 14.0 21.0

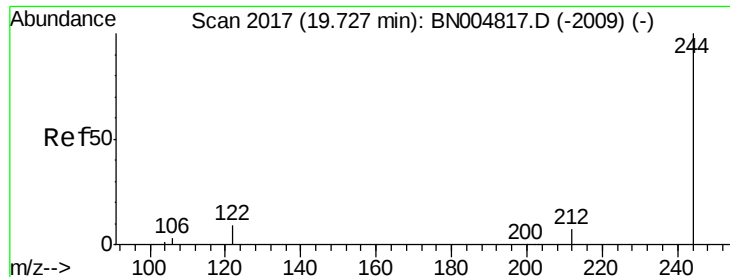


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.401 ng

RT: 19.73 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

PB118052BS

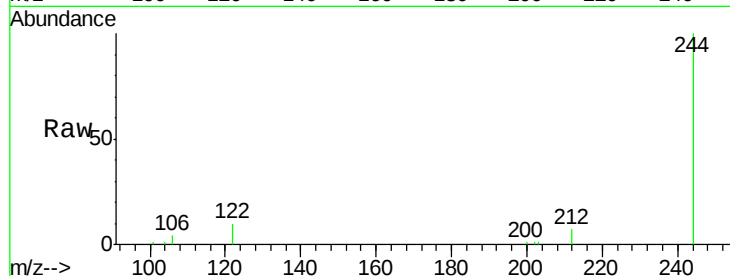
Tot Ion:244 Resp: 12578

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

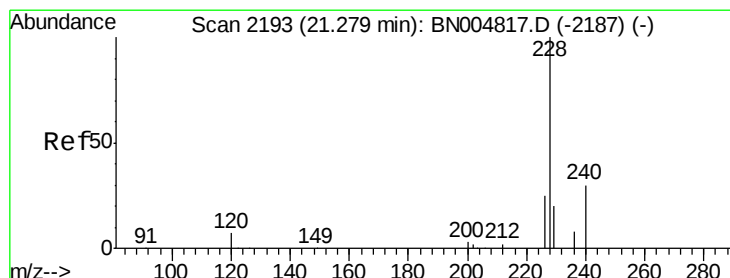
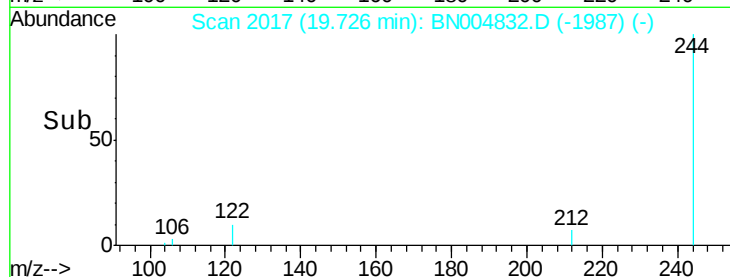
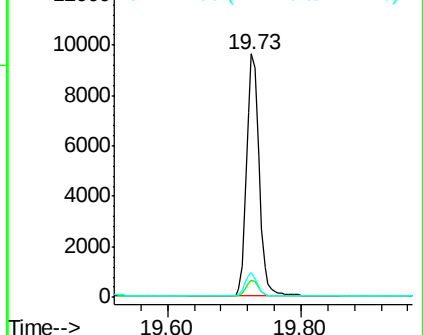
122 10.1 7.9 11.9



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: 0.378 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

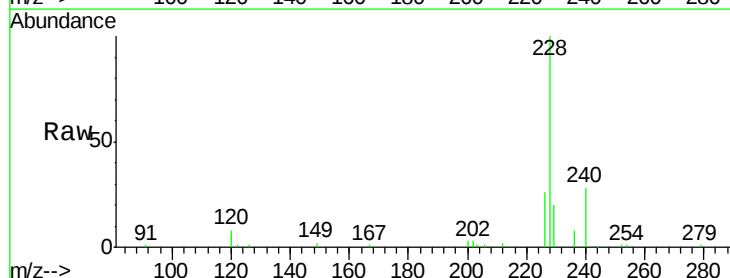
Tgt Ion:228 Resp: 18998

Ion Ratio Lower Upper

228 100

226 26.3 20.6 31.0

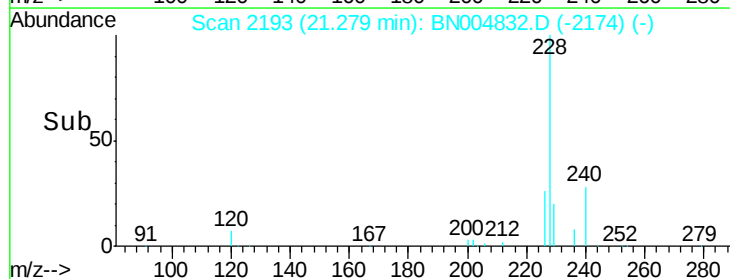
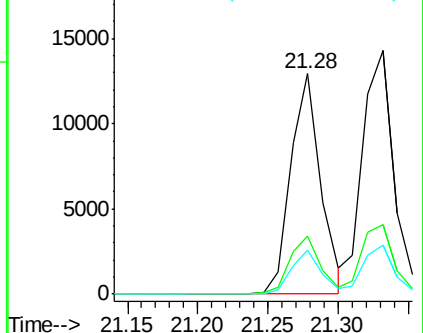
229 20.1 16.2 24.4

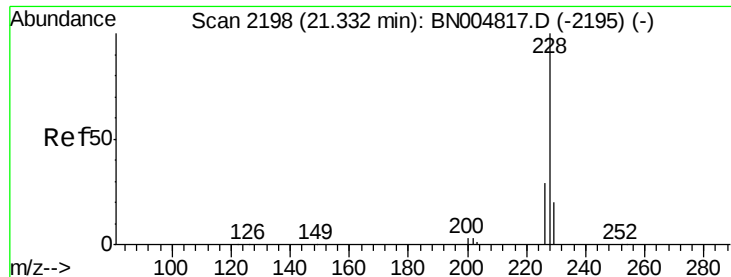


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.415 ng

RT: 21.33 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

PB118052BS

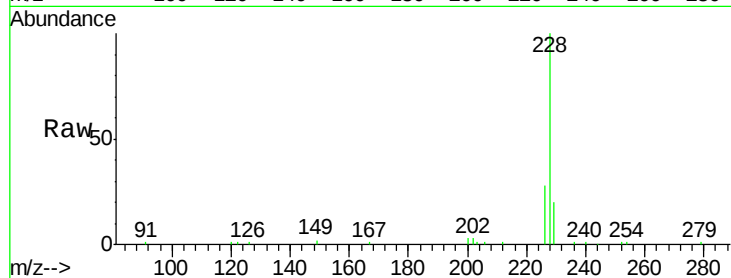
Tot Ion:228 Resp: 21946

Ion Ratio Lower Upper

228 100

226 28.4 23.0 34.6

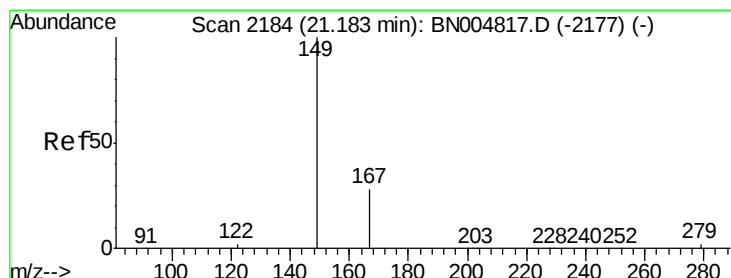
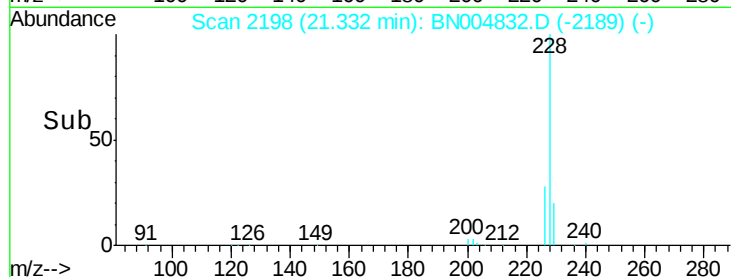
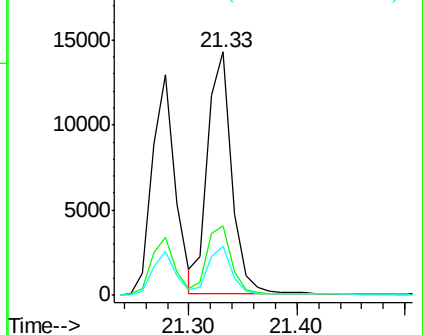
229 19.9 16.2 24.2



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: 0.384 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

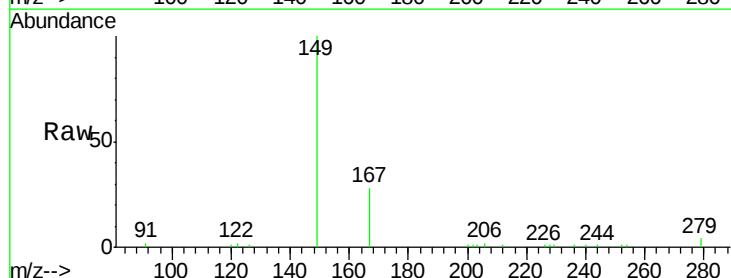
Tgt Ion:149 Resp: 7711

Ion Ratio Lower Upper

149 100

167 28.8 23.0 34.4

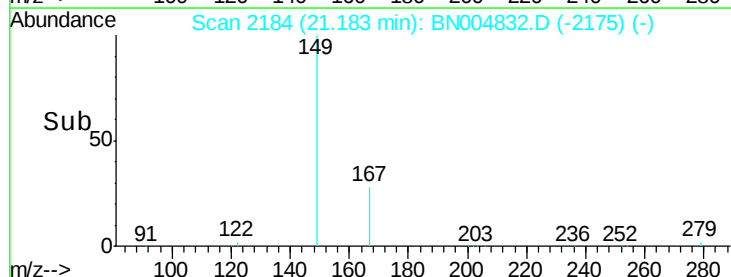
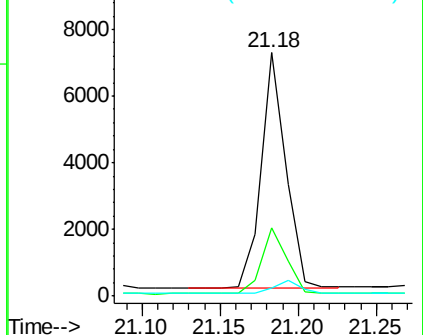
279 5.8 4.6 6.8

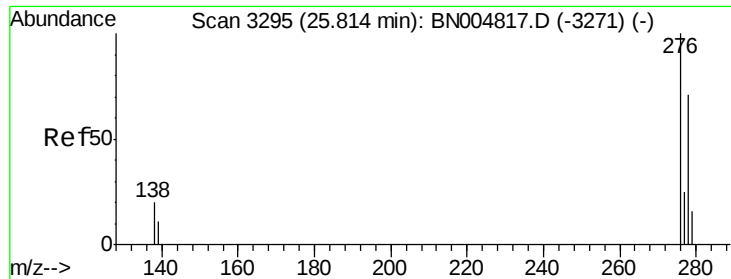


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.408 ng

RT: 25.81 min Scan# 3295

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

PB118052BS

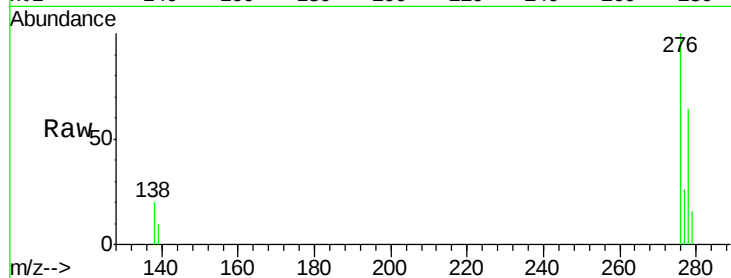
Tot Ion:276 Resp: 31235

Ion Ratio Lower Upper

276 100

138 20.8 16.6 24.8

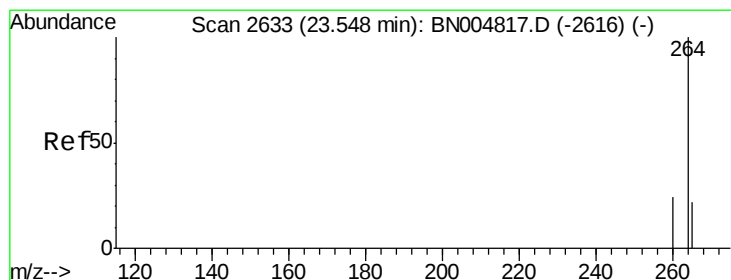
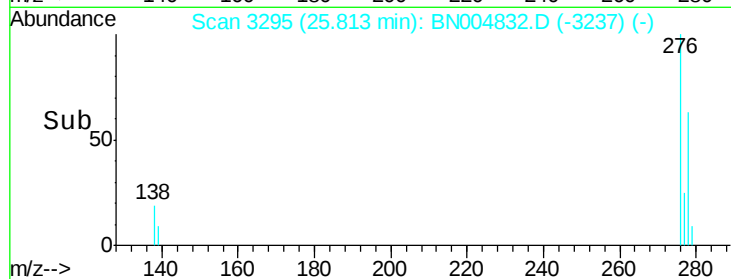
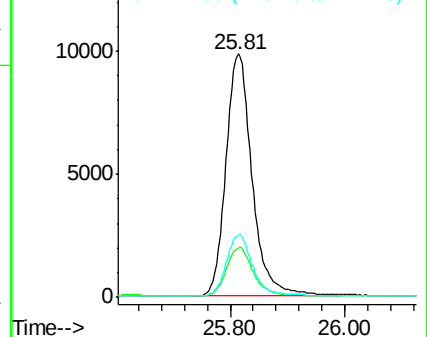
277 25.6 20.3 30.5



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: 23.54 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

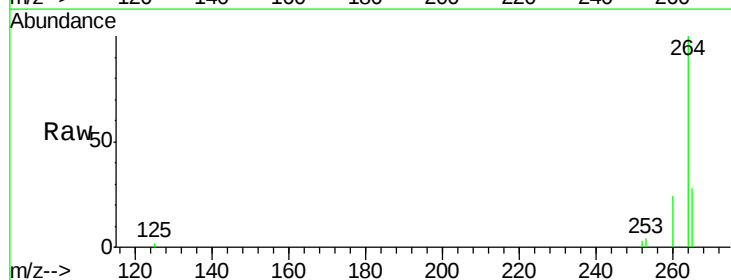
Tgt Ion:264 Resp: 17097

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

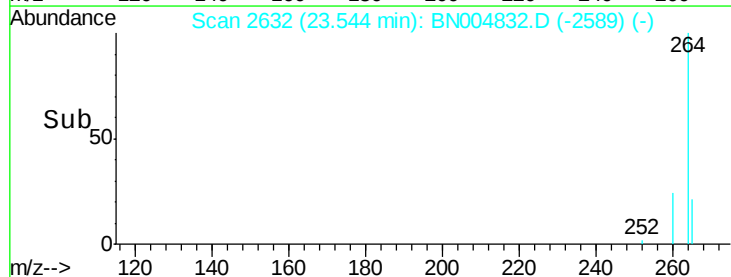
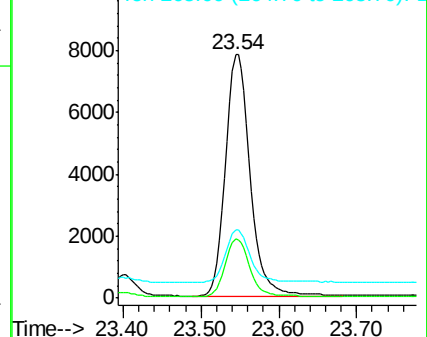
265 27.8 23.1 34.7

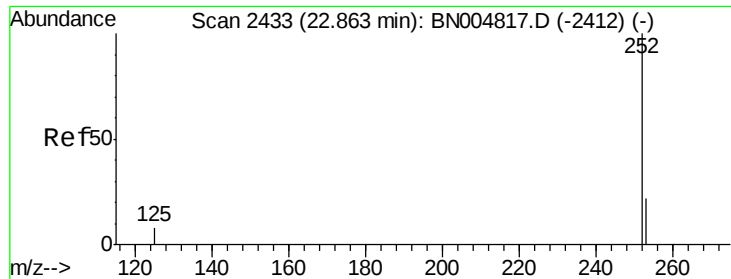


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.409 ng

RT: 22.86 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

PB118052BS

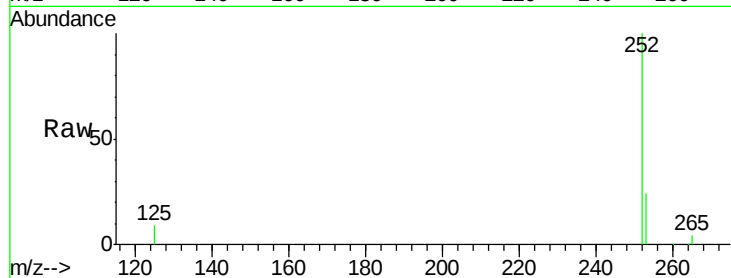
Tot Ion:252 Resp: 25291

Ion Ratio Lower Upper

252 100

253 23.8 19.0 28.4

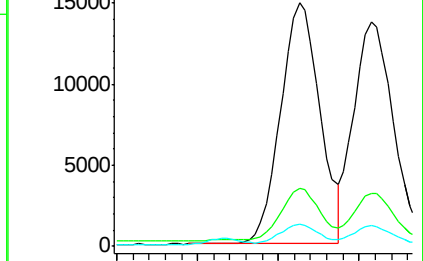
125 9.0 7.4 11.2



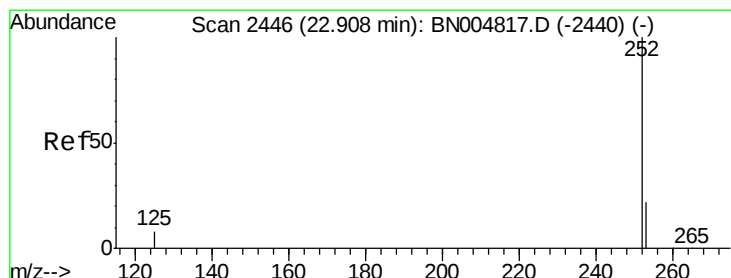
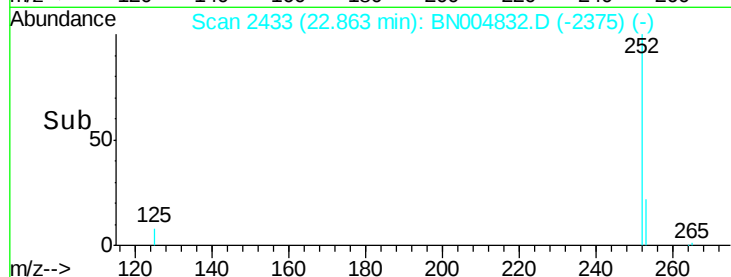
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 22.75 22.80 22.85 22.90



#36

Benzo(k)fluoranthene

Concen: 0.393 ng

RT: 22.91 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

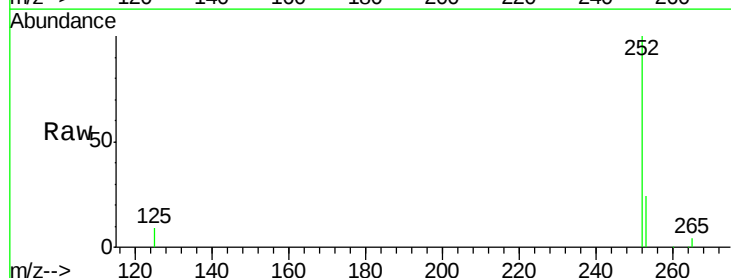
Tgt Ion:252 Resp: 23940

Ion Ratio Lower Upper

252 100

253 23.7 19.3 28.9

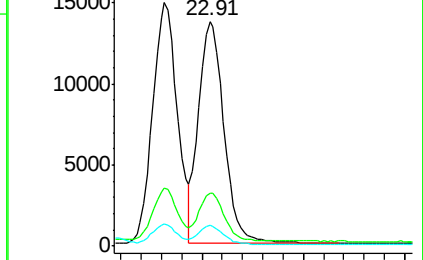
125 9.0 7.4 11.0



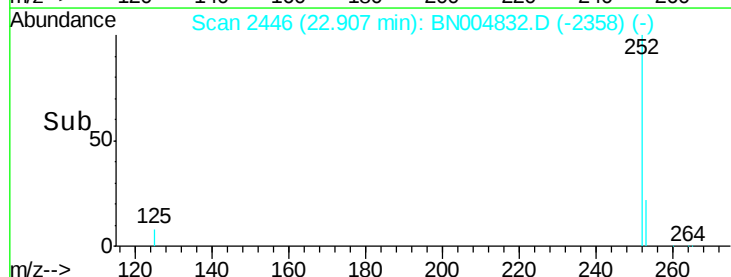
Abundance Ion 252.00 (251.70 to 252.70): E

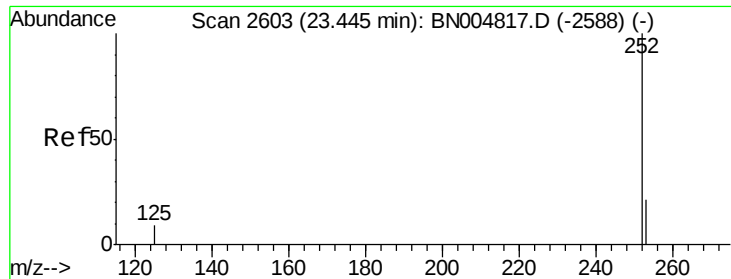
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 22.90 23.00





#37

Benzo(a)pyrene

Concen: 0.393 ng

RT: 23.44 min Scan# 2603

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

PB118052BS

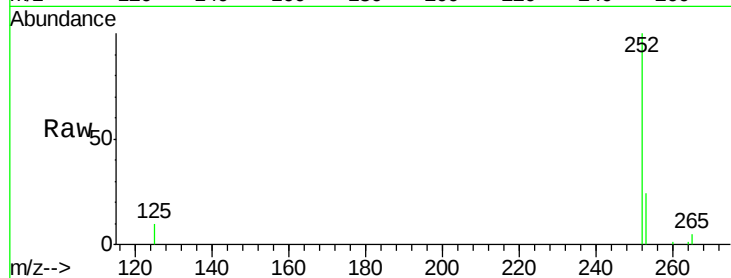
Tot Ion:252 Resp: 22306

Ion Ratio Lower Upper

252 100

253 24.5 19.7 29.5

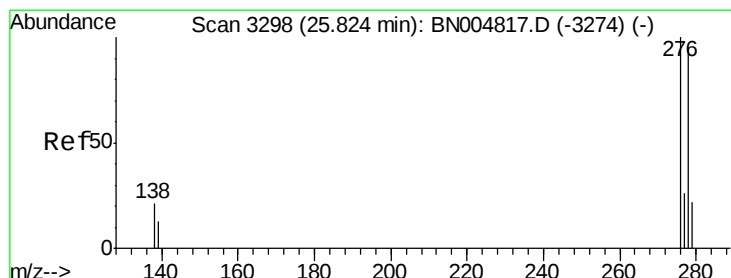
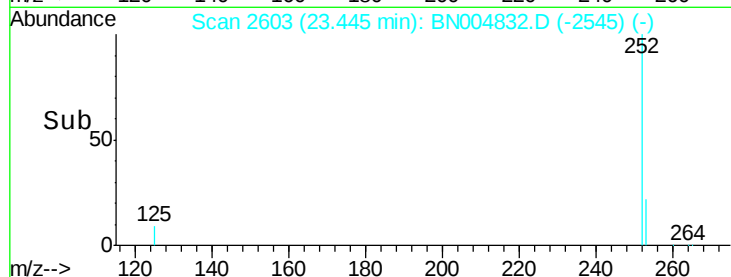
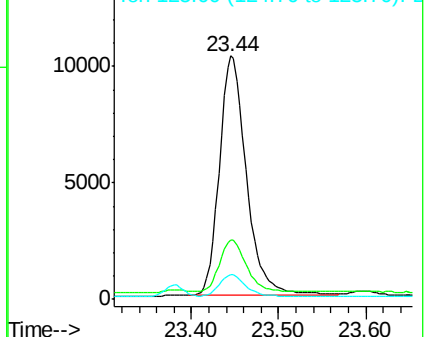
125 10.3 8.3 12.5



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: 0.391 ng

RT: 25.82 min Scan# 3298

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

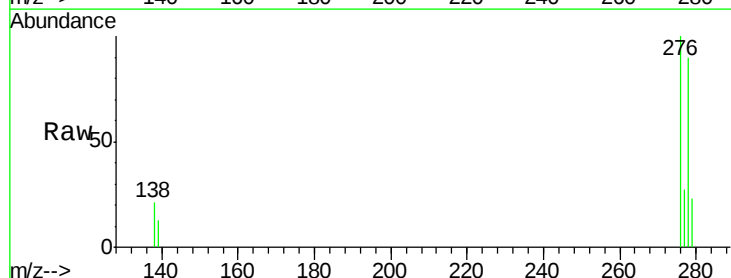
Tgt Ion:278 Resp: 25686

Ion Ratio Lower Upper

278 100

139 14.7 11.7 17.5

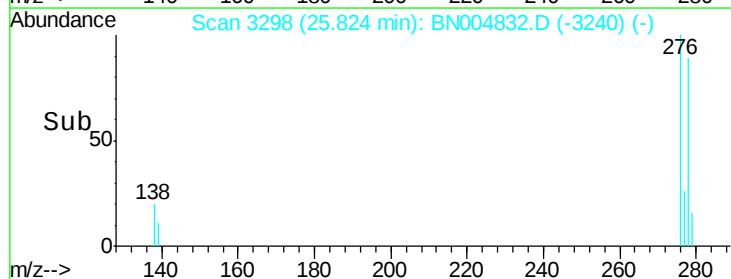
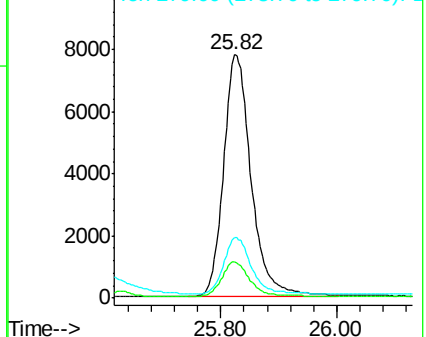
279 25.1 19.9 29.9

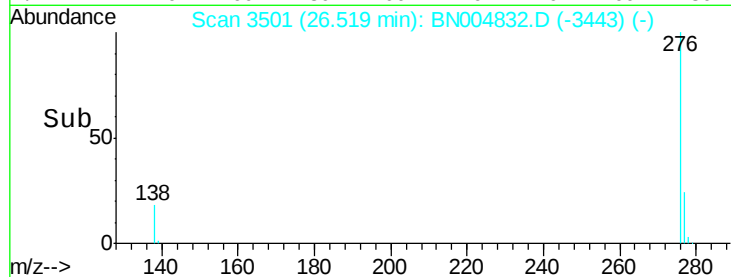
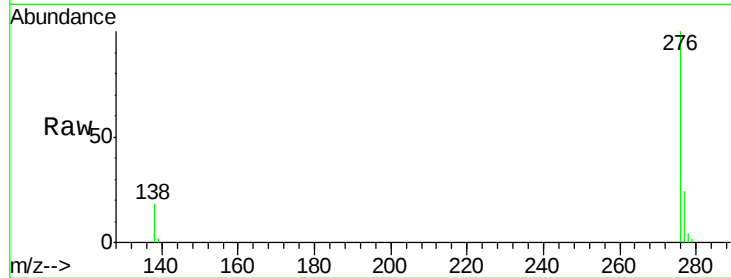
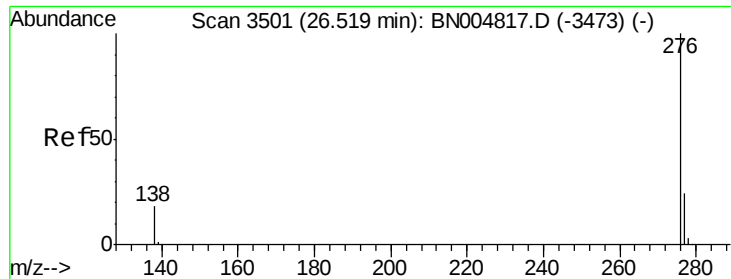


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.387 ng

RT: 26.52 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

PB118052BS

Tot Ion: 276 Resp: 25883

Ion Ratio Lower Upper

276 100

277 24.2 19.7 29.5

138 18.4 14.6 22.0

