

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032419\
 Data File : BN004952.D
 Acq On : 24 Mar 2019 22:53
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 24 23:44:51 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	7.68	152	3588	0.40	ng	-0.02
7) Naphthalene-d8	10.47	136	15149	0.40	ng	-0.03
13) Acenaphthene-d10	14.32	164	7987	0.40	ng	-0.02
19) Phenanthrene-d10	17.08	188	16754	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	17357	0.40	ng	-0.01
34) Perylene-d12	23.53	264	18166	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	4723	0.48	ng	0.00
5) Phenol-d6	6.87	99	5945	0.49	ng	0.00
8) Nitrobenzene-d5	8.84	82	5003	0.50	ng	-0.03
11) 2-Methylnaphthalene-d10	12.06	152	10520	0.40	ng	-0.02
14) 2,4,6-Tribromophenol	15.84	330	2195	0.40	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	15605	0.47	ng	-0.02
25) Fluoranthene-d10	19.12	212	20679	0.37	ng	-0.02
29) Terphenyl-d14	19.71	244	18081	0.51	ng	-0.02

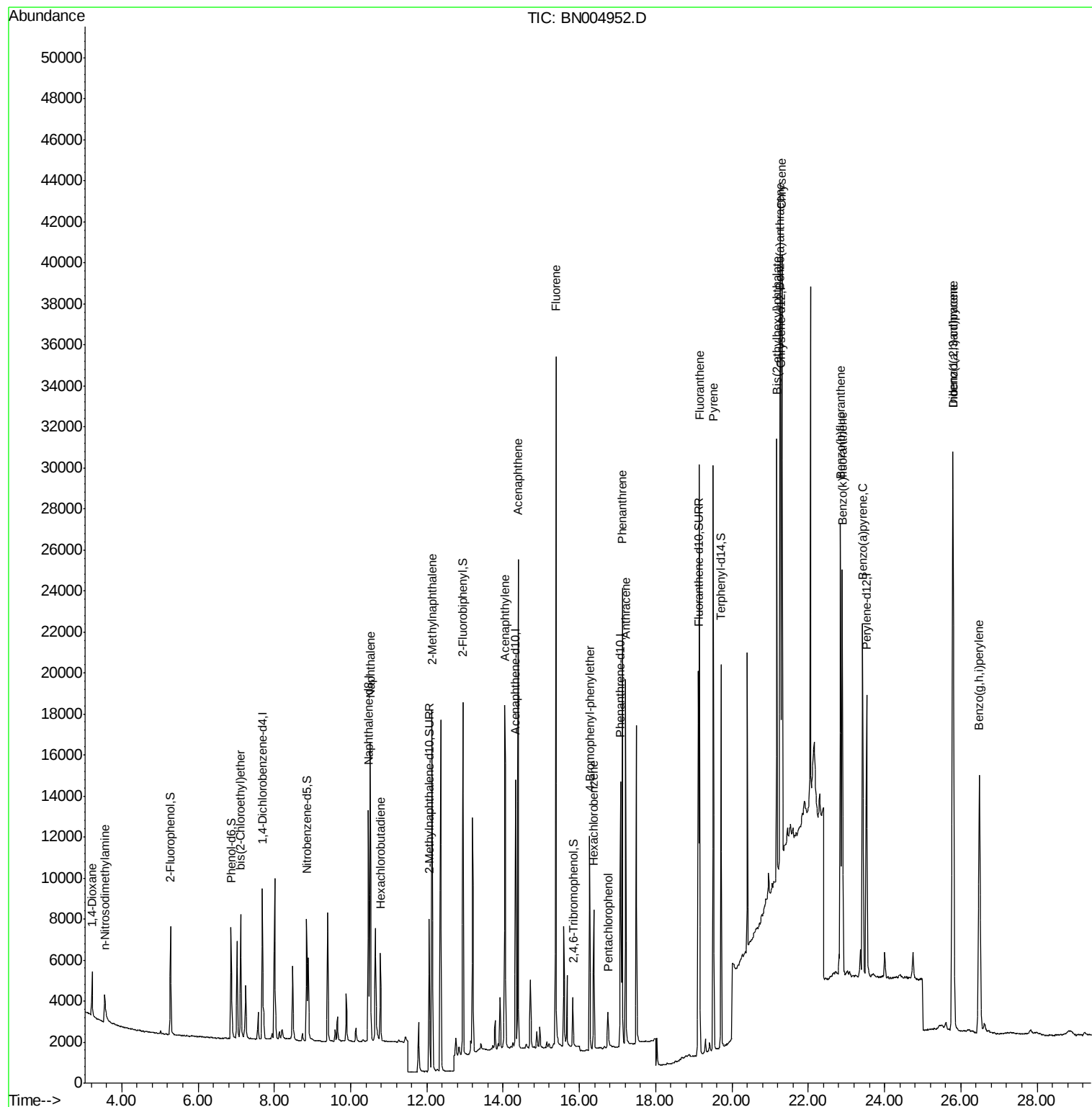
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1737	0.426	ng	98
3) n-Nitrosodimethylamine	3.55	42	1176	0.488	ng	98
6) bis(2-Chloroethyl)ether	7.12	93	4935	0.450	ng	98
9) Naphthalene	10.52	128	18511	0.436	ng	98
10) Hexachlorobutadiene	10.78	225	3340	0.412	ng	# 99
12) 2-Methylnaphthalene	12.14	142	12725	0.403	ng	100
16) Acenaphthylene	14.04	152	20086	0.488	ng	100
17) Acenaphthene	14.39	154	11865	0.440	ng	99
18) Fluorene	15.38	166	15218	0.405	ng	98
20) 4-Bromophenyl-phenylether	16.27	248	5009	0.458	ng	# 90
21) Hexachlorobenzene	16.38	284	5174	0.413	ng	94
22) Pentachlorophenol	16.75	266	1144	0.467	ng	98
23) Phenanthrene	17.12	178	22437	0.415	ng	99
24) Anthracene	17.22	178	21457	0.444	ng	99
26) Fluoranthene	19.15	202	25243	0.363	ng	98
28) Pyrene	19.51	202	25482	0.481	ng	99
30) Benzo(a)anthracene	21.26	228	25713	0.452	ng	95
31) Chrysene	21.31	228	24312	0.406	ng	95
32) Bis(2-ethylhexyl)phthalate	21.17	149	17850	0.785	ng	100
33) Indeno(1,2,3-cd)pyrene	25.79	276	32217	0.371	ng	97
35) Benzo(b)fluoranthene	22.85	252	27464	0.418	ng	# 90
36) Benzo(k)fluoranthene	22.89	252	25480	0.394	ng	# 89
37) Benzo(a)pyrene	23.43	252	24362	0.404	ng	# 89
38) Dibenzo(a,h)anthracene	25.80	278	26268	0.376	ng	# 91
39) Benzo(g,h,i)perylene	26.49	276	26786	0.377	ng	# 91

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.68 min Scan# 578

Delta R.T. -0.02 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

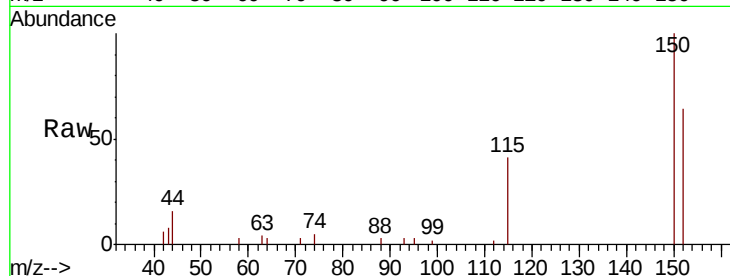
Tgt Ion:152 Resp: 3588

Ion Ratio Lower Upper

152 100

150 156.4 126.2 189.4

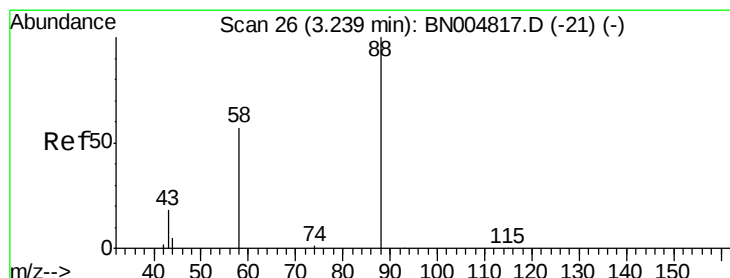
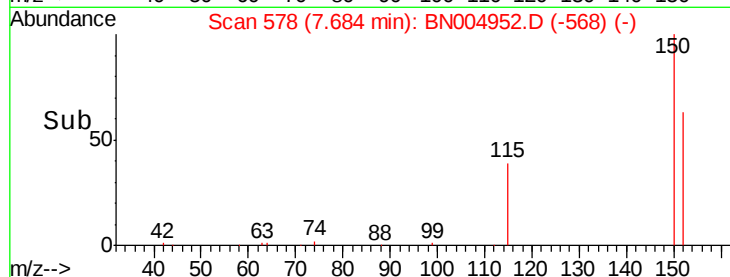
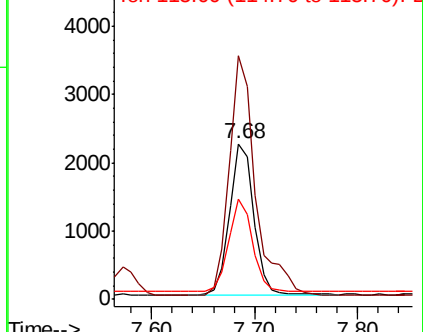
115 64.8 52.6 79.0



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: 0.426 ng

RT: 3.22 min Scan# 24

Delta R.T. -0.02 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

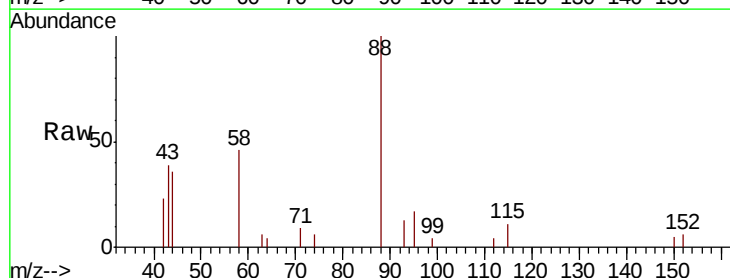
Tgt Ion: 88 Resp: 1737

Ion Ratio Lower Upper

88 100

58 63.4 51.4 77.2

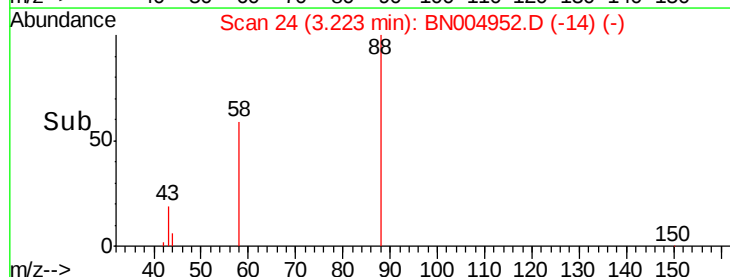
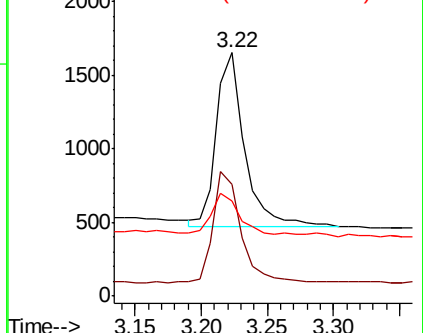
43 22.4 20.0 30.0

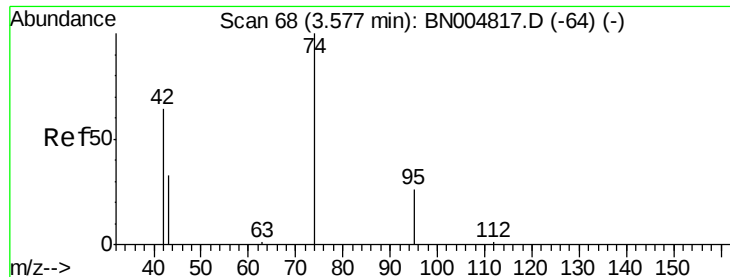


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.488 ng

RT: 3.55 min Scan# 65

Delta R.T. -0.02 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

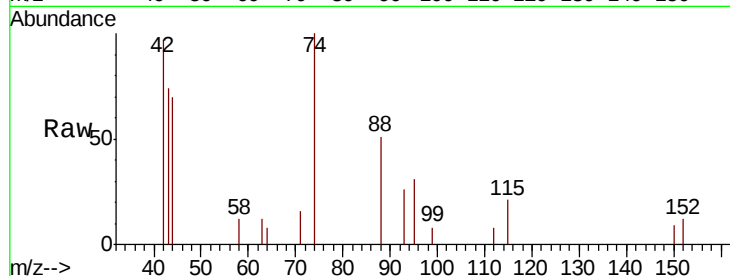
Tgt Ion: 42 Resp: 1176

Ion Ratio Lower Upper

42 100

74 163.4 128.4 192.6

44 6.8 6.1 9.1

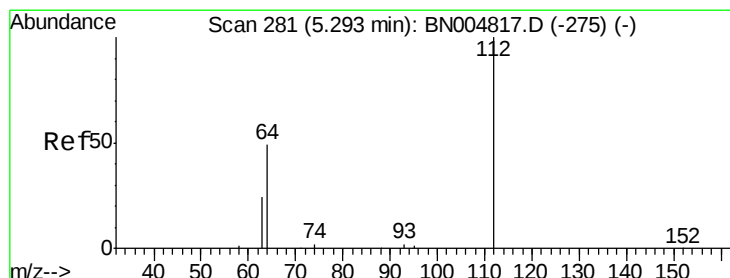
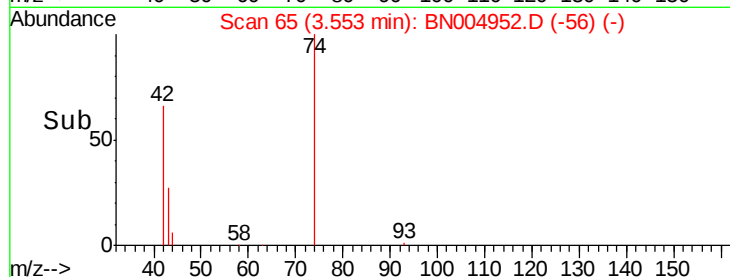
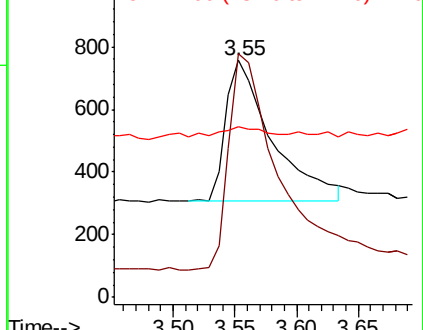


Abundance

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



#4

2-Fluorophenol

Concen: 0.484 ng

RT: 5.28 min Scan# 280

Delta R.T. -0.01 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

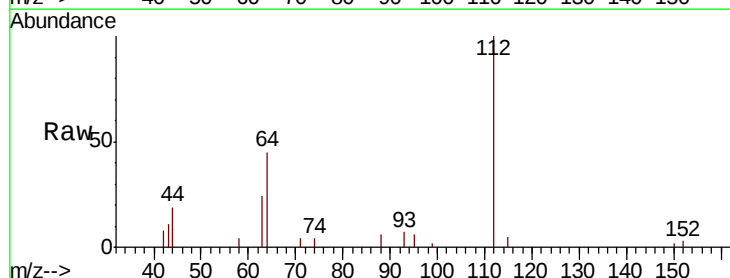
Tgt Ion: 112 Resp: 4723

Ion Ratio Lower Upper

112 100

64 51.7 40.0 60.0

63 26.5 20.2 30.2

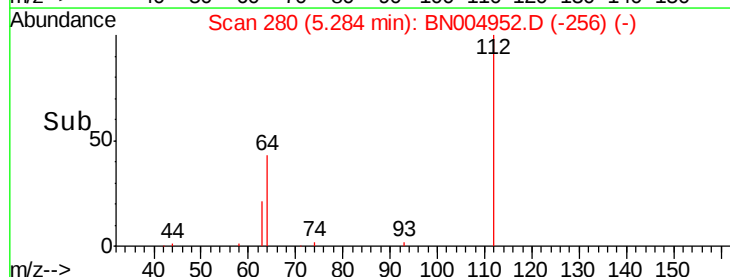
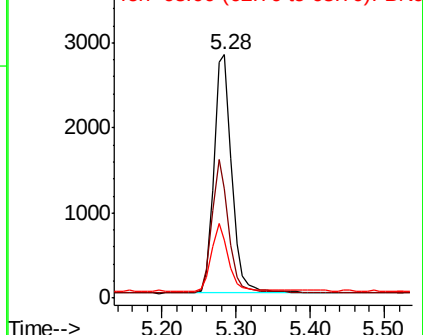


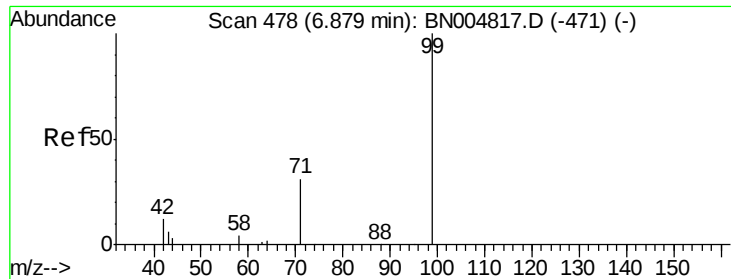
Abundance

Ion 112.00 (111.70 to 112.70): BN0

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.490 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

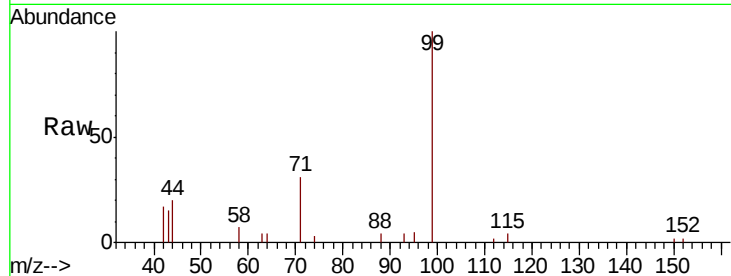
Tgt Ion: 99 Resp: 5945

Ion Ratio Lower Upper

99 100

42 15.0 12.7 19.1

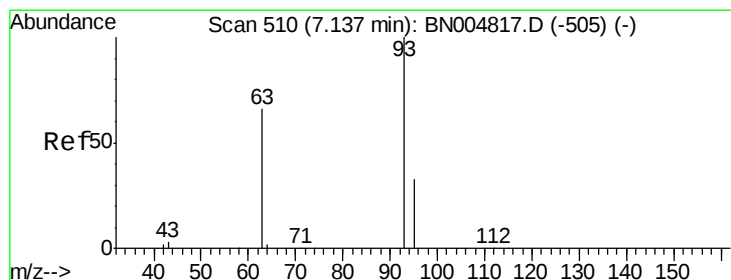
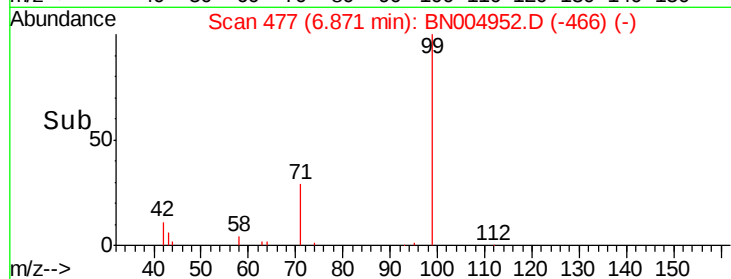
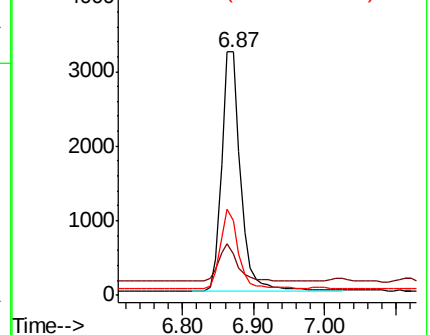
71 31.3 26.6 40.0



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: 0.450 ng

RT: 7.12 min Scan# 508

Delta R.T. -0.02 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

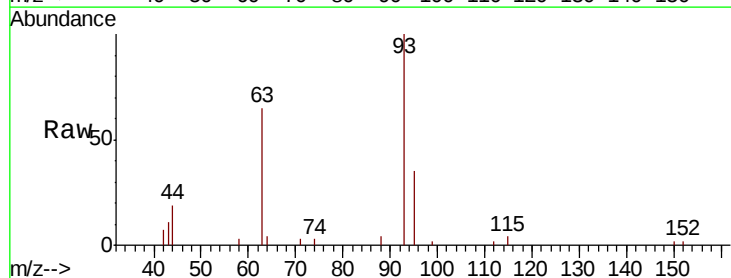
Tgt Ion: 93 Resp: 4935

Ion Ratio Lower Upper

93 100

63 66.8 52.6 78.8

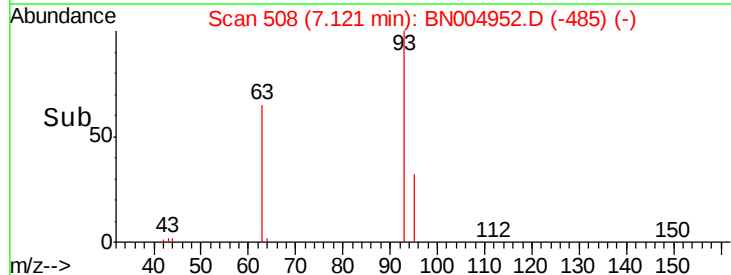
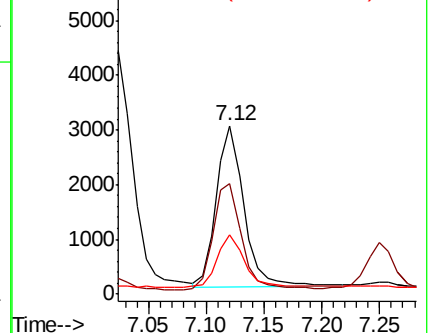
95 31.2 25.9 38.9

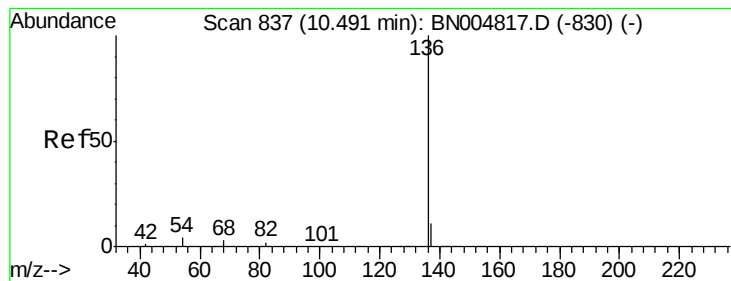


Abundance Ion 93.00 (92.70 to 93.70): BN004817.D (-505) (-)

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: 10.47 min Scan# 835

Delta R.T. -0.03 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

Instrument :

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ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 15149

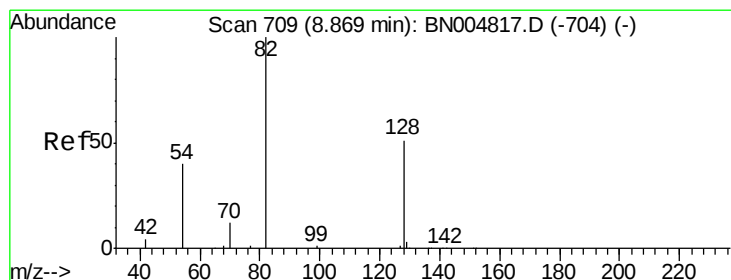
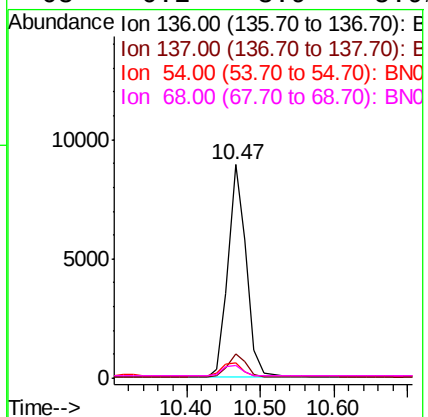
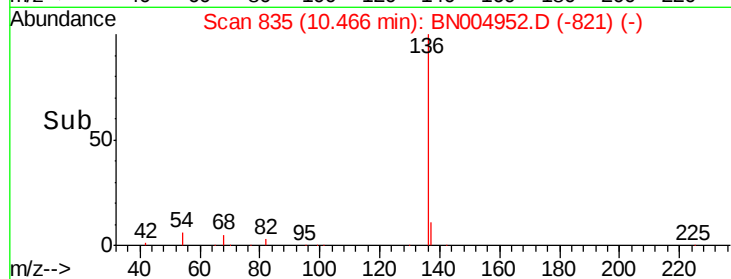
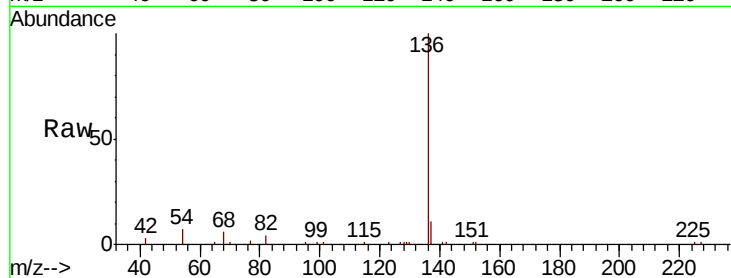
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 7.1 4.2 6.2#

68 6.2 3.9 5.9#



#8

Nitrobenzene-d5

Concen: 0.499 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.03 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

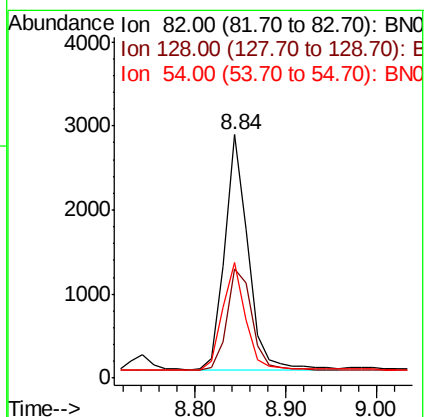
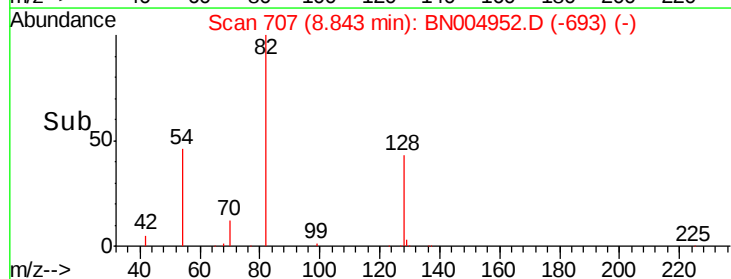
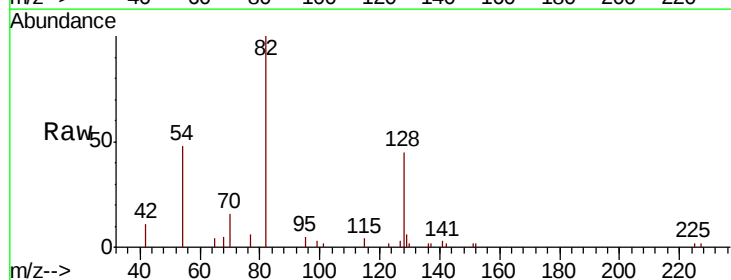
Tgt Ion: 82 Resp: 5003

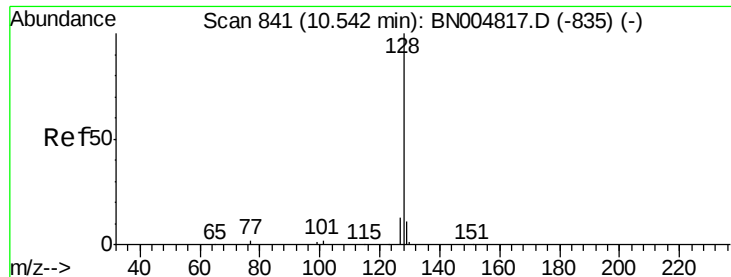
Ion Ratio Lower Upper

82 100

128 45.1 43.0 64.6

54 47.5 35.3 52.9





#9

Naphthalene

Concen: 0.436 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.03 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

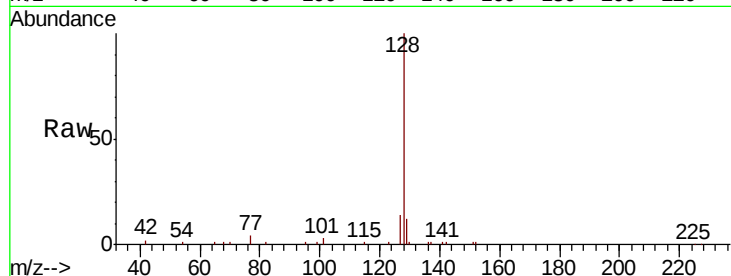
Tgt Ion:128 Resp: 18511

Ion Ratio Lower Upper

128 100

129 11.7 9.9 14.9

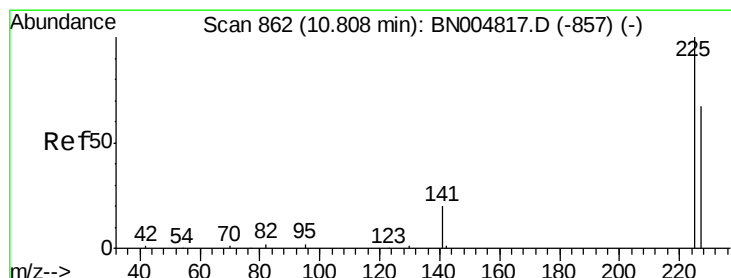
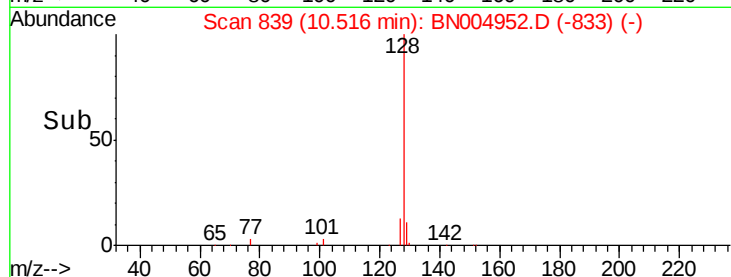
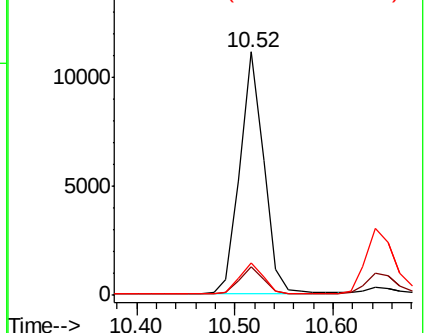
127 13.5 11.3 16.9



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: 0.412 ng

RT: 10.78 min Scan# 860

Delta R.T. -0.03 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

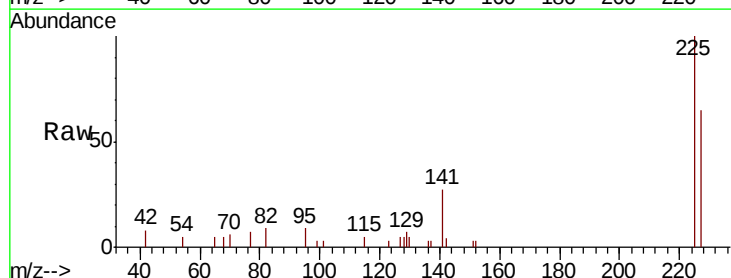
Tgt Ion:225 Resp: 3340

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

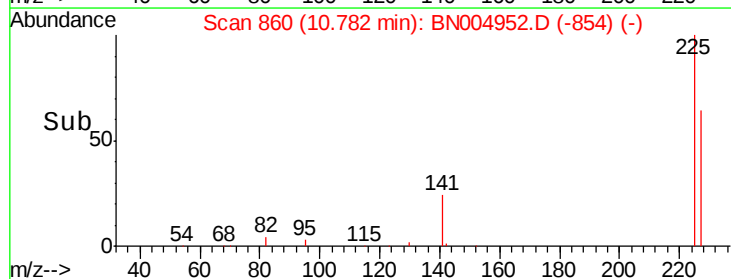
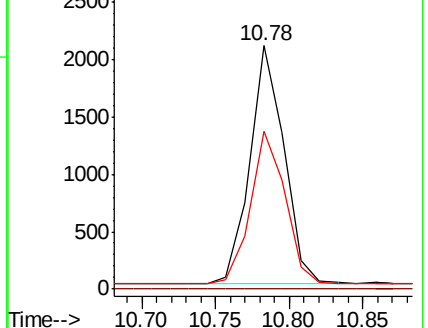
227 64.7 52.2 78.4

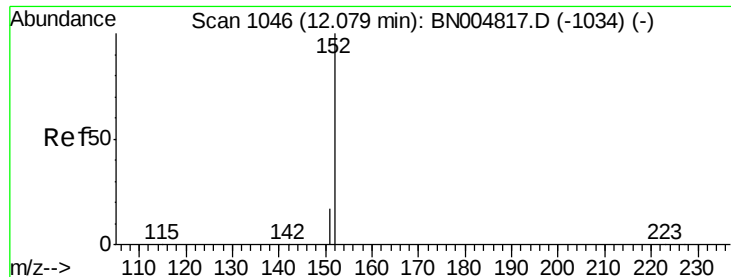


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

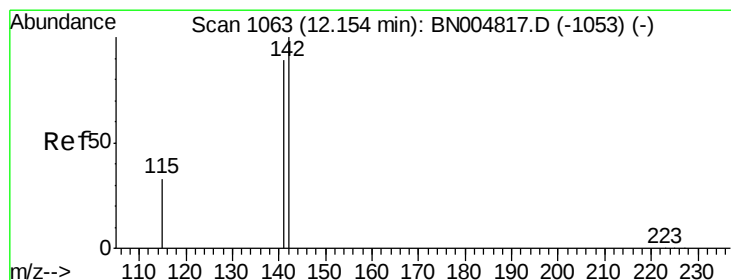
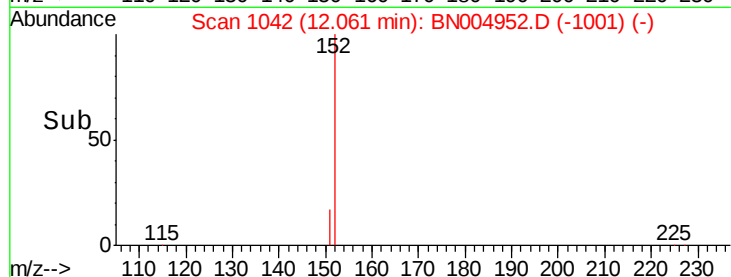
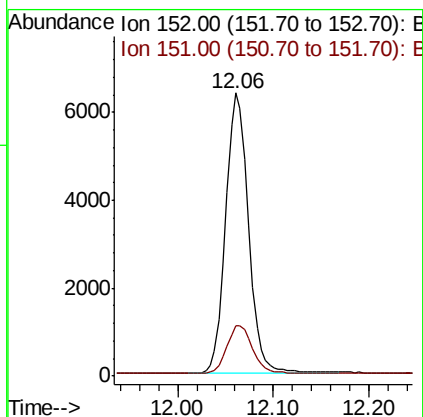
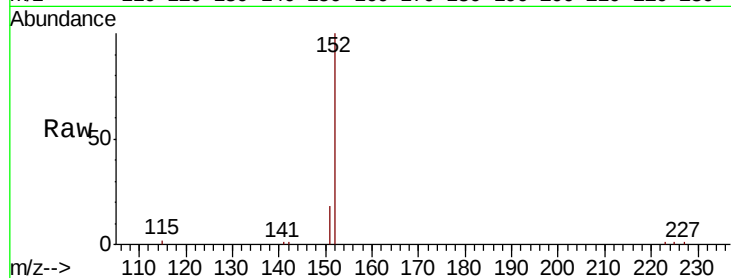




#11
 2-Methylnaphthalene-d10
 Concen: 0.398 ng
 RT: 12.06 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BN004952.D
 Acq: 24 Mar 2019 22:53

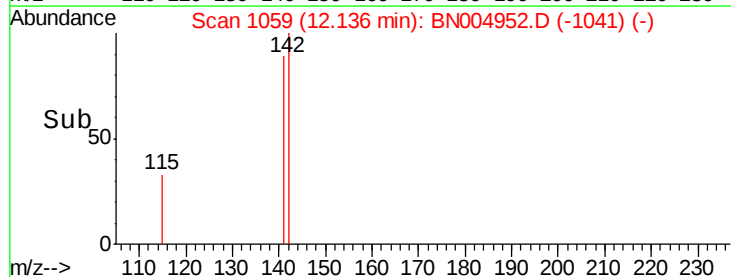
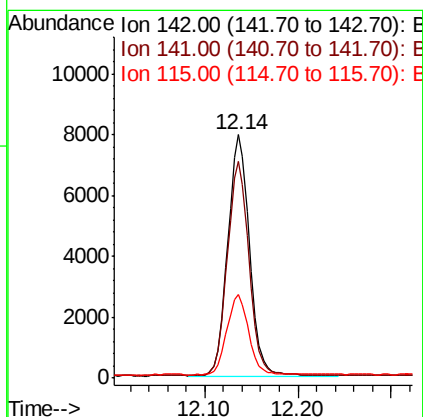
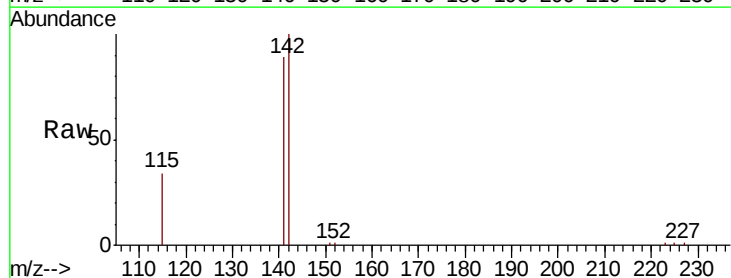
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

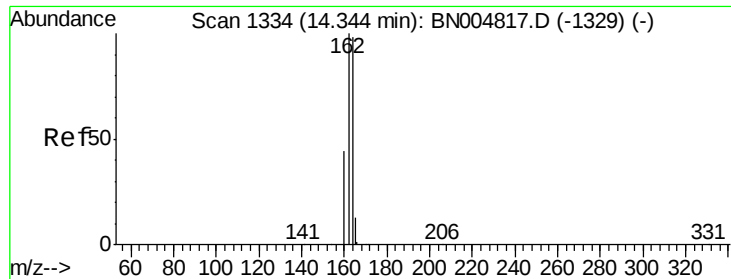
Tgt Ion:152 Resp: 10520
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.403 ng
 RT: 12.14 min Scan# 1059
 Delta R.T. -0.02 min
 Lab File: BN004952.D
 Acq: 24 Mar 2019 22:53

Tgt Ion:142 Resp: 12725
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.4 107.2
 115 34.4 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

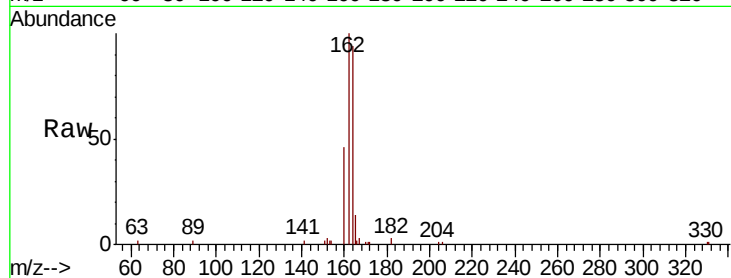
Tgt Ion:164 Resp: 7987

Ion Ratio Lower Upper

164 100

162 106.2 81.9 122.9

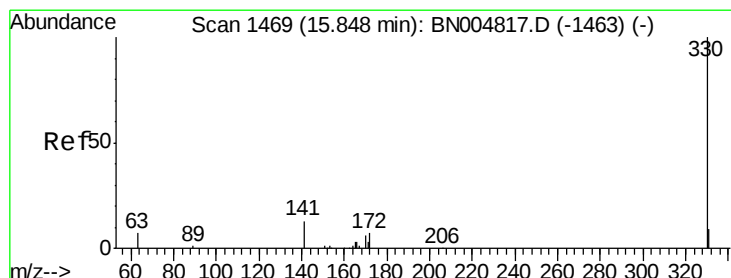
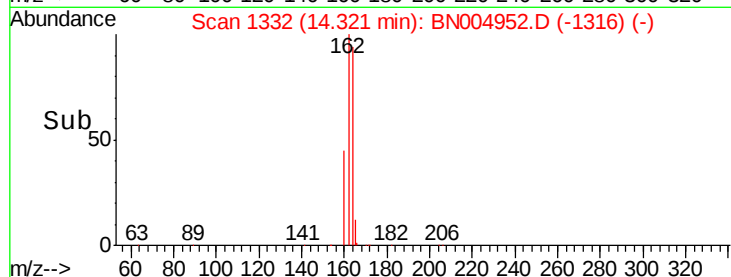
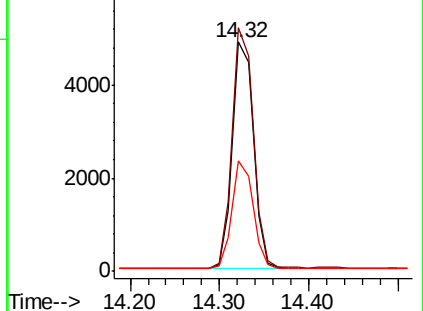
160 48.4 36.6 54.8



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: 0.398 ng

RT: 15.84 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

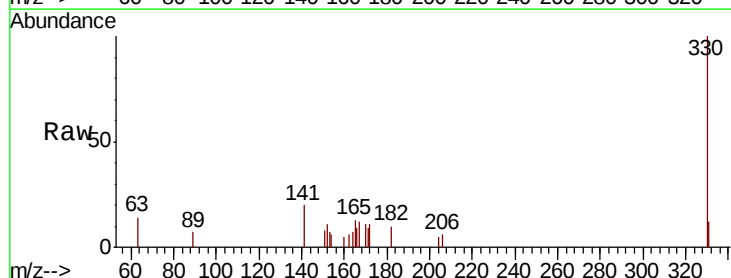
Tgt Ion:330 Resp: 2195

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

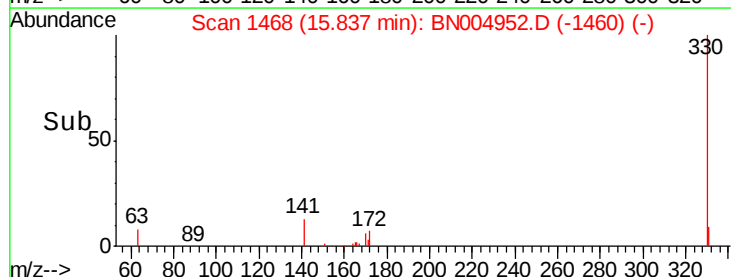
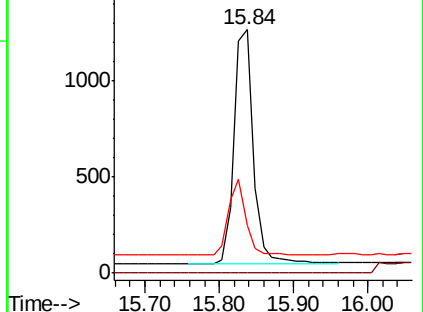
141 29.8 20.9 31.3

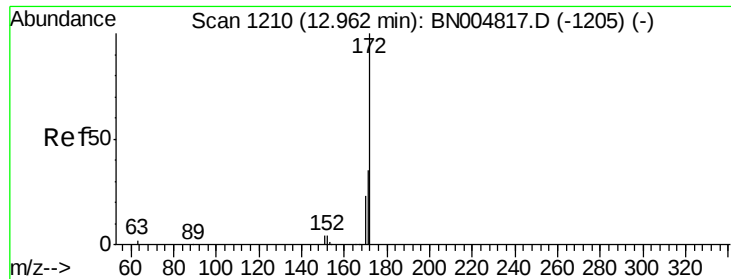


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

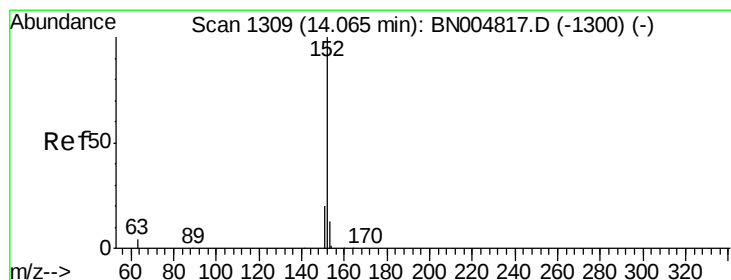
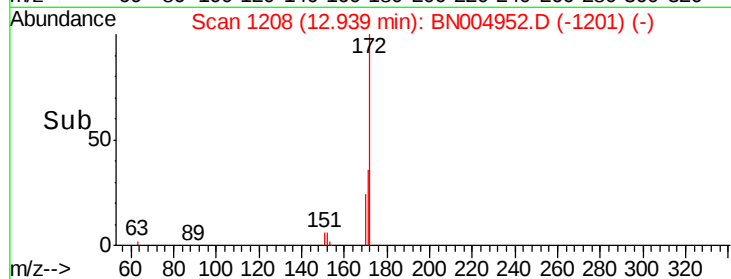
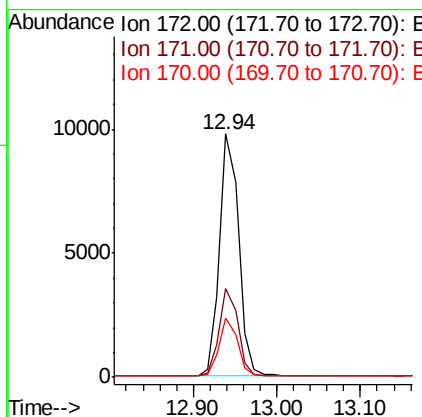
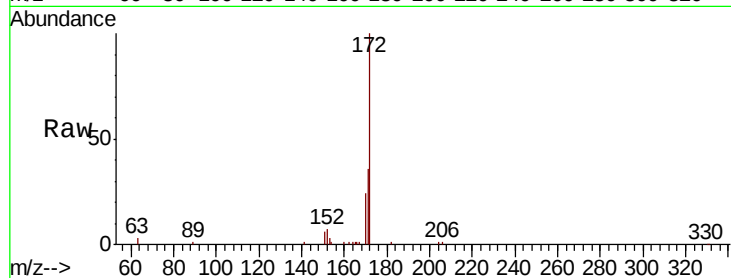




#15
2-Fluorobiphenyl
Concen: 0.473 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

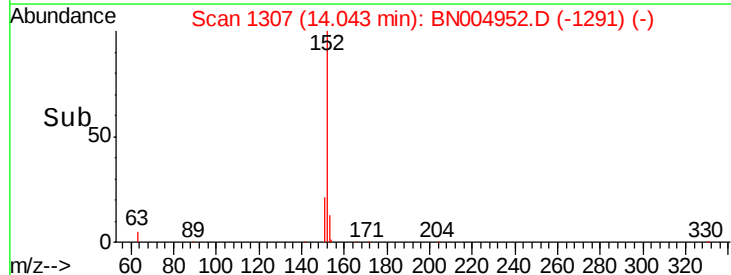
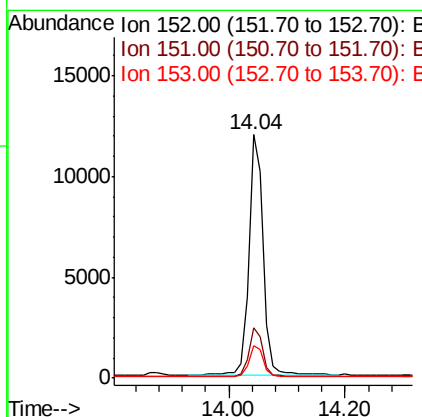
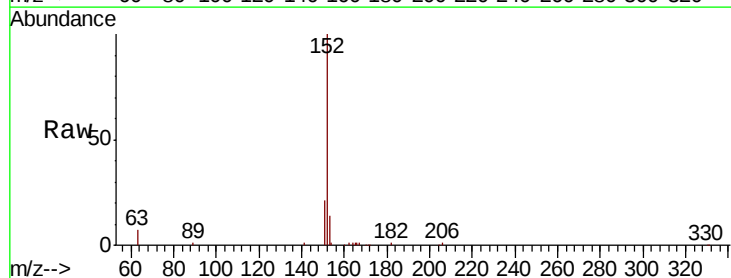
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

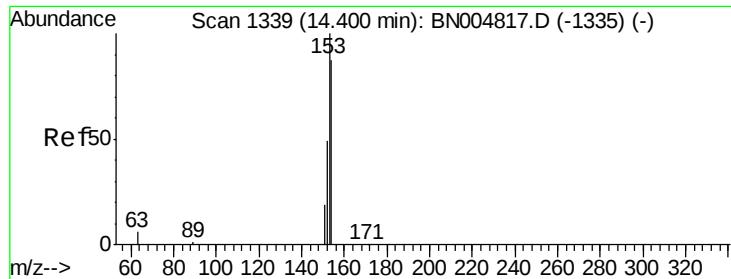
Tgt Ion:172 Resp: 15605
Ion Ratio Lower Upper
172 100
171 36.4 28.7 43.1
170 24.2 18.7 28.1



#16
Acenaphthylene
Concen: 0.488 ng
RT: 14.04 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Tgt Ion:152 Resp: 20086
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.440 ng

RT: 14.39 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

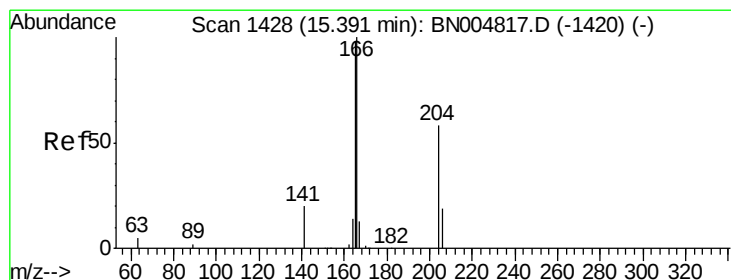
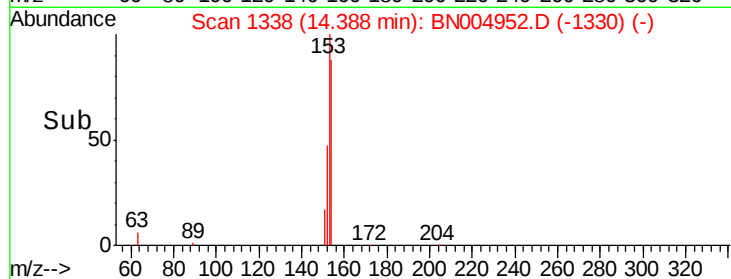
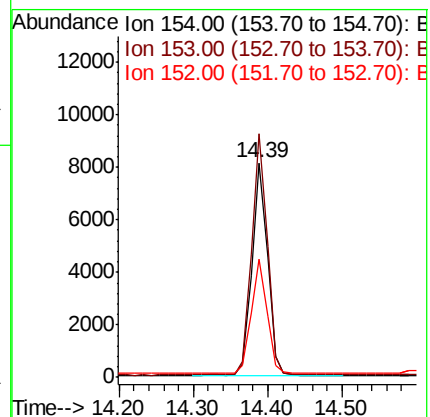
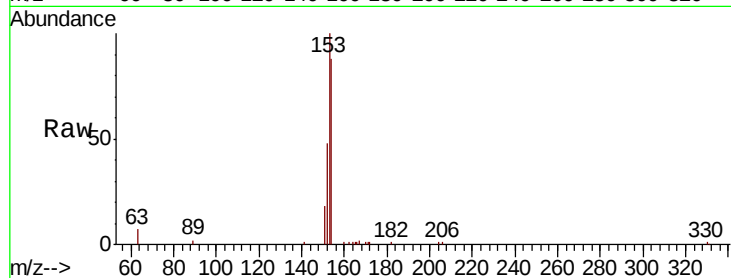
Tgt Ion:154 Resp: 11865

Ion Ratio Lower Upper

154 100

153 113.7 91.4 137.2

152 54.1 44.2 66.2



#18

Fluorene

Concen: 0.405 ng

RT: 15.38 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

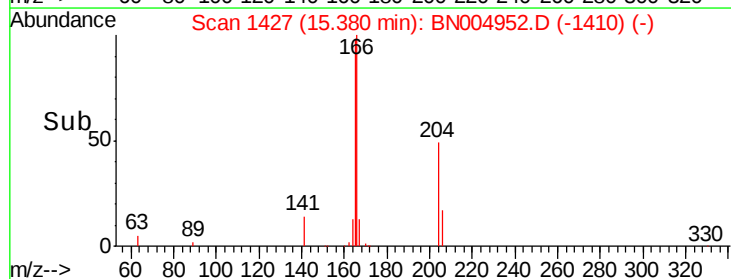
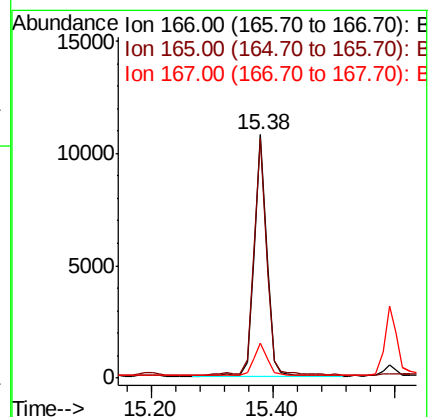
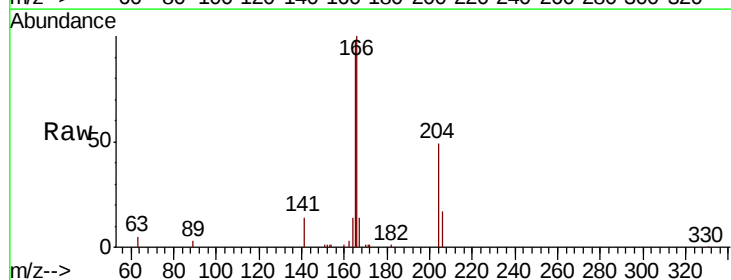
Tgt Ion:166 Resp: 15218

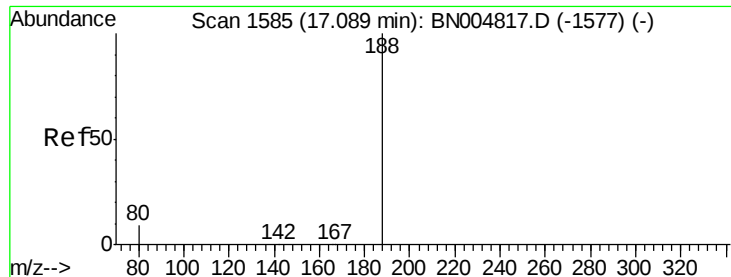
Ion Ratio Lower Upper

166 100

165 100.1 78.2 117.4

167 13.5 11.0 16.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.08 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

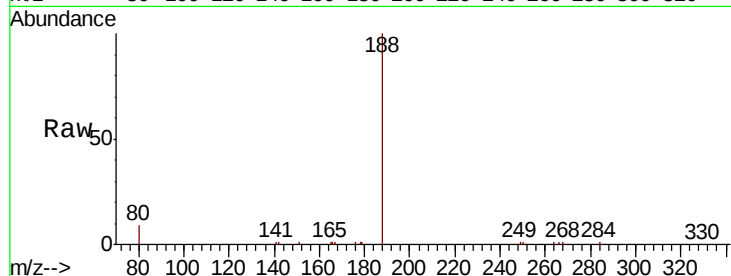
Tgt Ion:188 Resp: 16754

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.2 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

17.08

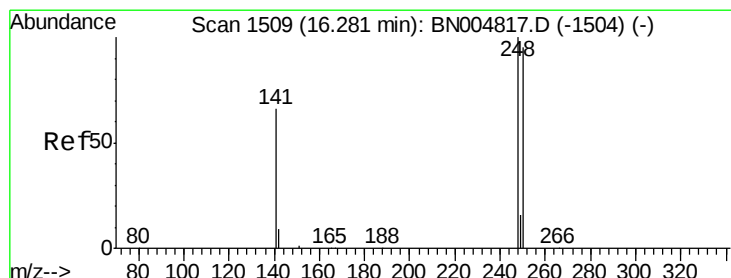
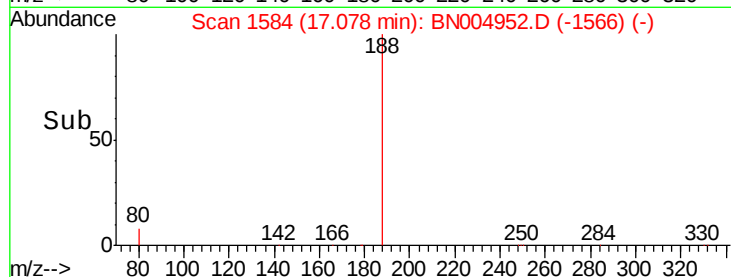
15000

10000

5000

0

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.458 ng

RT: 16.27 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

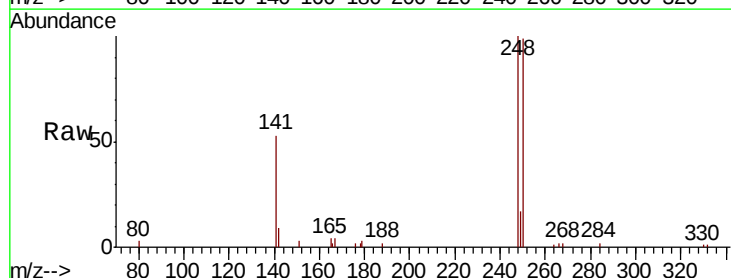
Tgt Ion:248 Resp: 5009

Ion Ratio Lower Upper

248 100

250 99.5 76.2 114.4

141 52.5 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

16.27

5000

4000

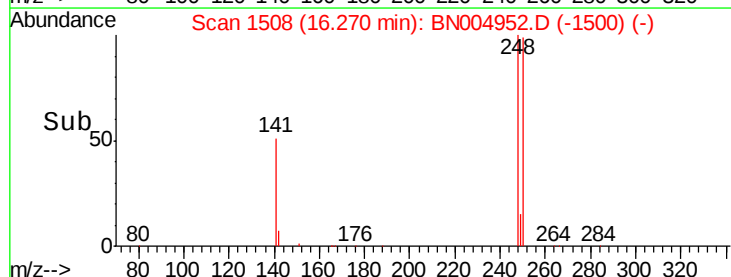
3000

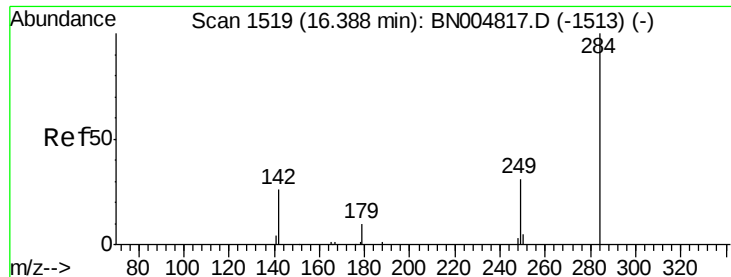
2000

1000

0

Time-->





#21

Hexachlorobenzene

Concen: 0.413 ng

RT: 16.38 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

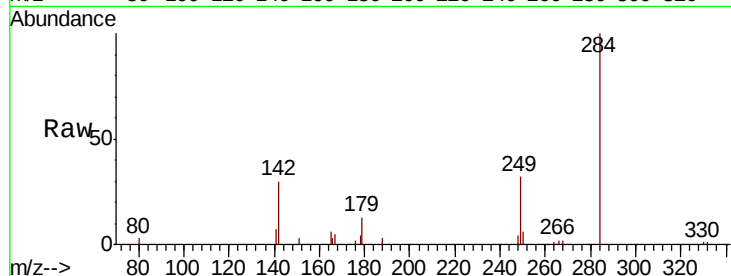
Tgt Ion:284 Resp: 5174

Ion Ratio Lower Upper

284 100

142 32.7 22.6 34.0

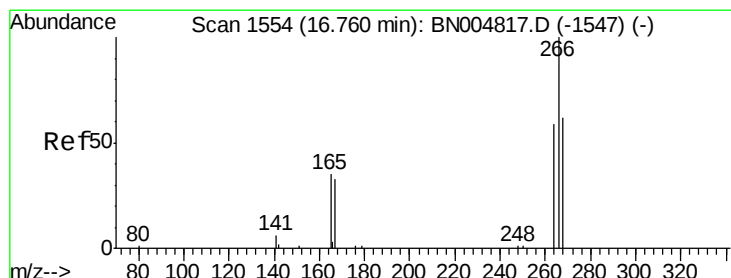
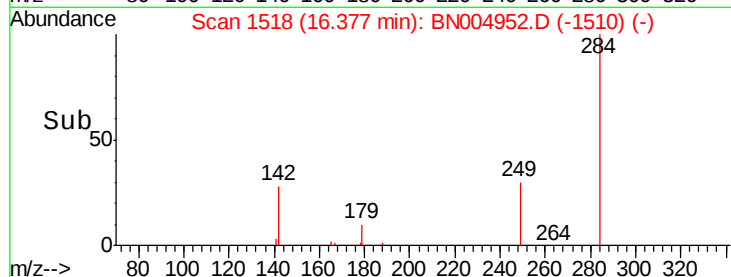
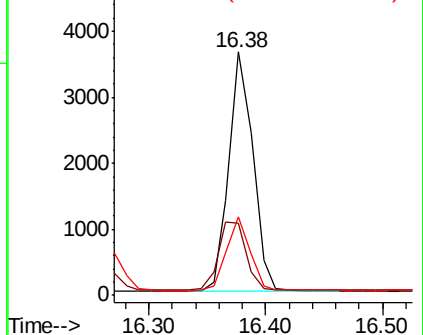
249 29.7 22.5 33.7



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: 0.467 ng

RT: 16.75 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

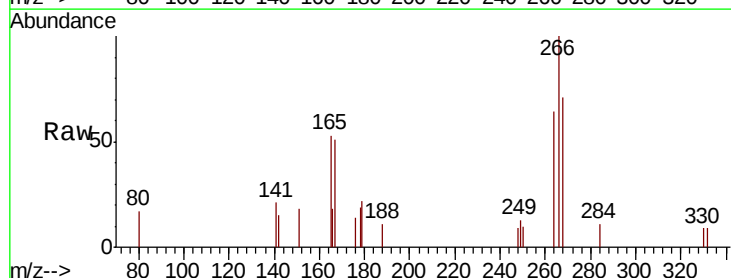
Tgt Ion:266 Resp: 1144

Ion Ratio Lower Upper

266 100

264 64.0 53.1 79.7

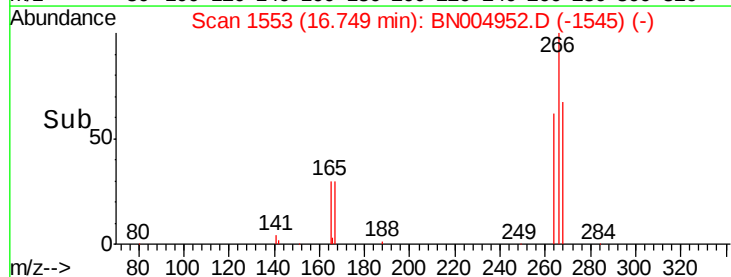
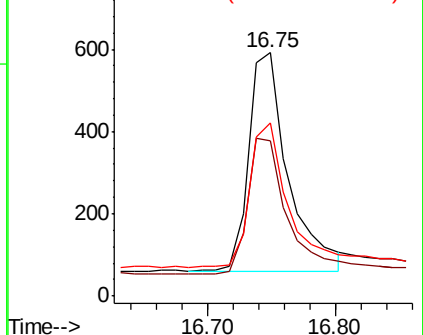
268 71.3 57.7 86.5

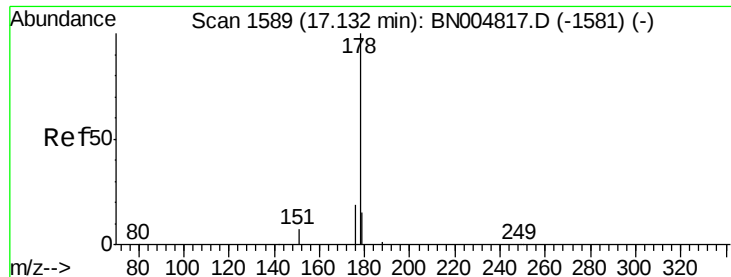


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.415 ng

RT: 17.12 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

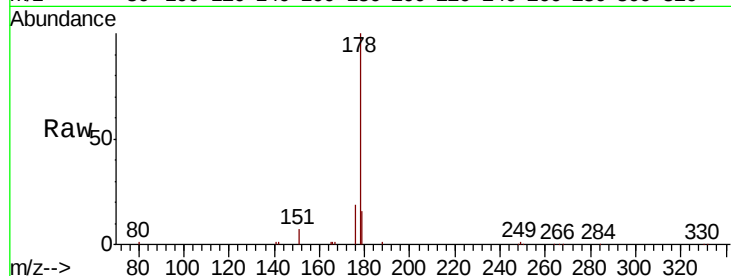
Tgt Ion:178 Resp: 22437

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

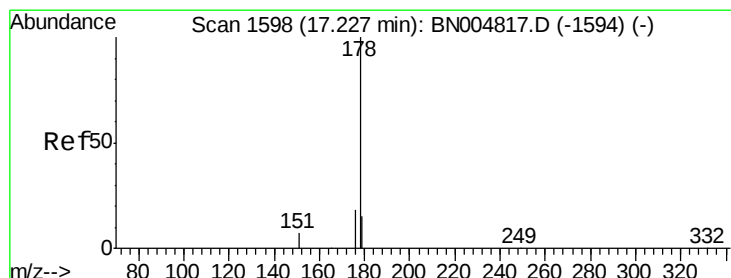
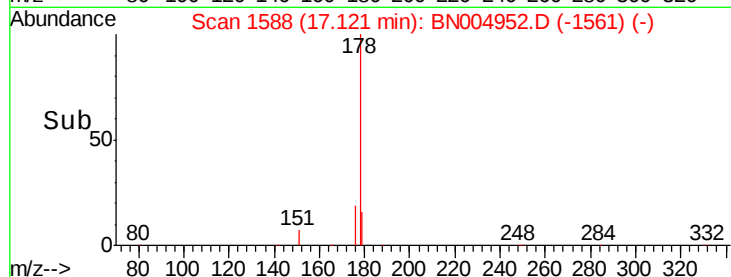
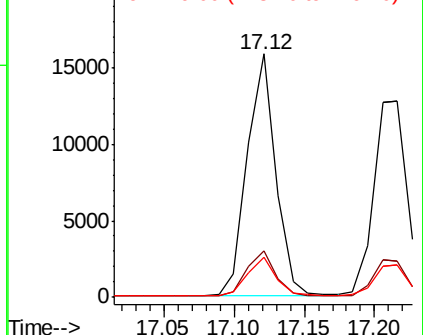
179 15.7 12.1 18.1



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: 0.444 ng

RT: 17.22 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

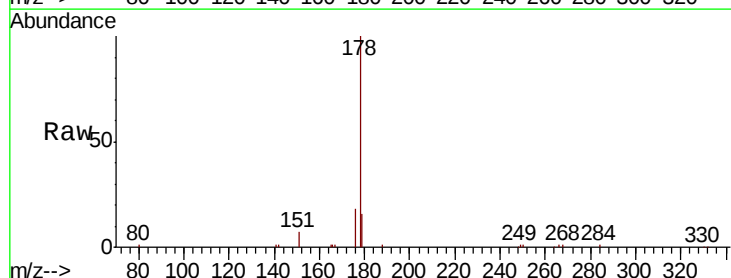
Tgt Ion:178 Resp: 21457

Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

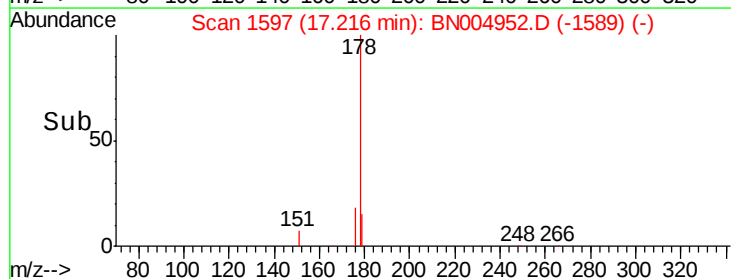
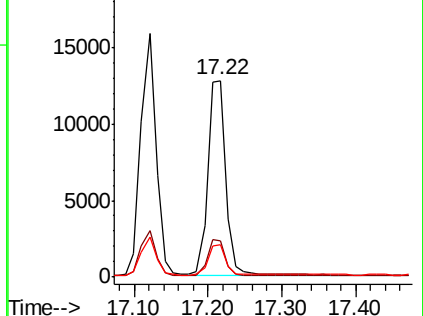
179 14.9 12.2 18.4

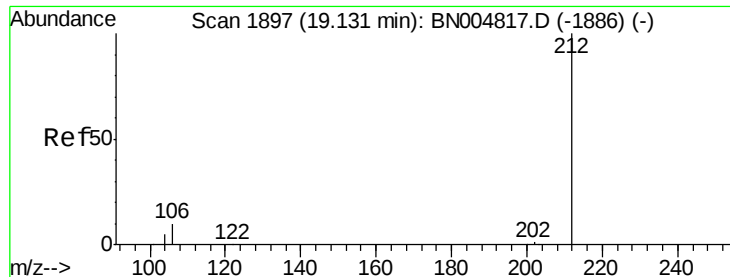


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

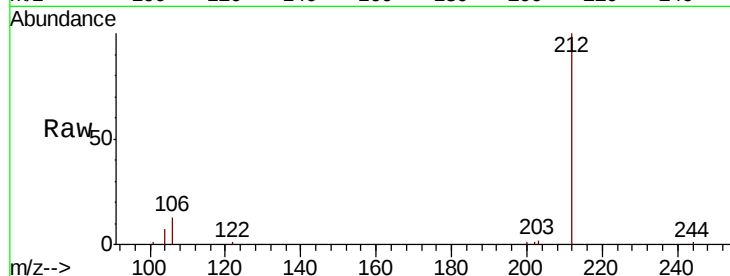




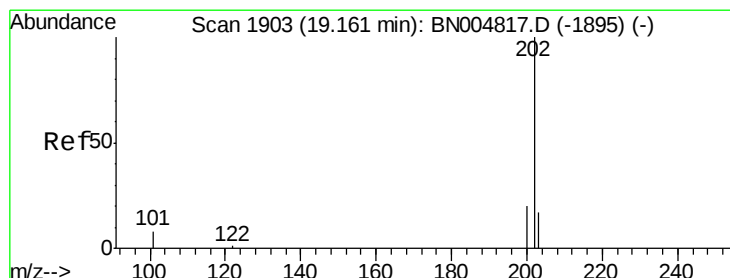
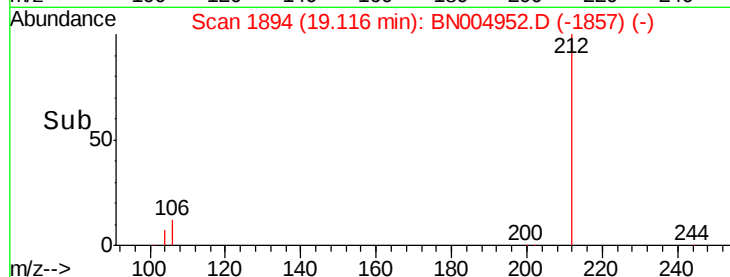
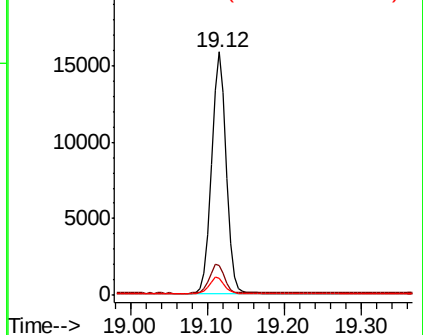
#25
 Fluoranthene-d10
 Concen: 0.369 ng
 RT: 19.12 min Scan# 1894
 Delta R.T. -0.02 min
 Lab File: BN004952.D
 Acq: 24 Mar 2019 22:53

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 212 Resp: 20679
 Ion Ratio Lower Upper
 212 100
 106 12.3 8.6 13.0
 104 6.9 4.7 7.1

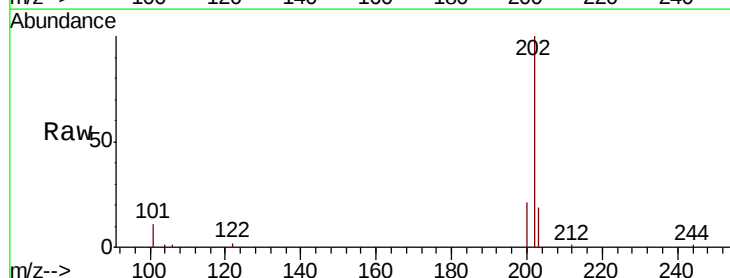


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

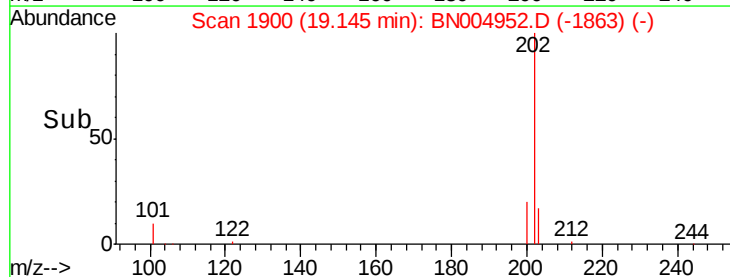
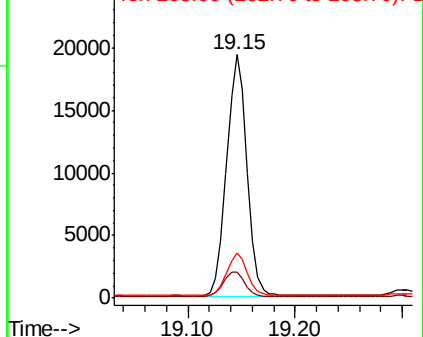


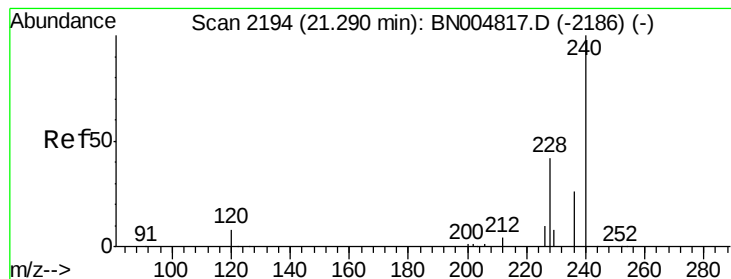
#26
 Fluoranthene
 Concen: 0.363 ng
 RT: 19.15 min Scan# 1900
 Delta R.T. -0.02 min
 Lab File: BN004952.D
 Acq: 24 Mar 2019 22:53

Tgt Ion: 202 Resp: 25243
 Ion Ratio Lower Upper
 202 100
 101 10.9 7.5 11.3
 203 17.2 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: 21.28 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

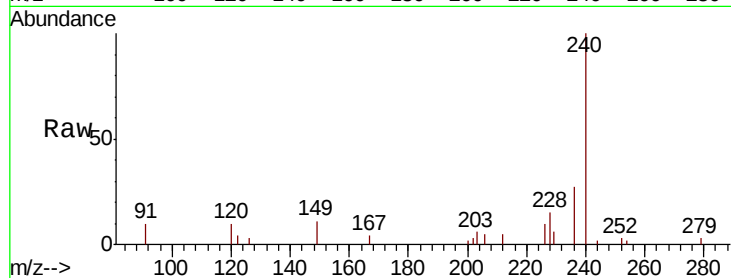
Tgt Ion:240 Resp: 17357

Ion Ratio Lower Upper

240 100

120 9.9 7.2 10.8

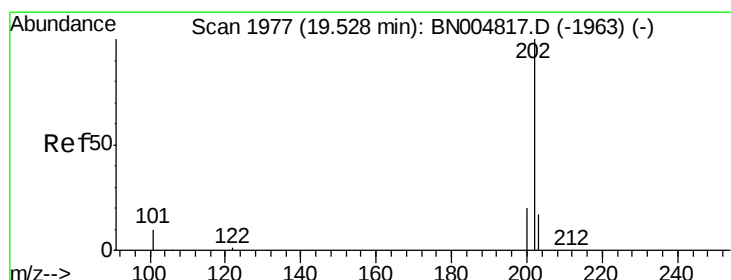
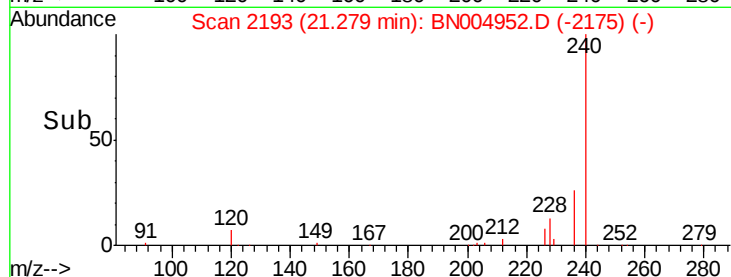
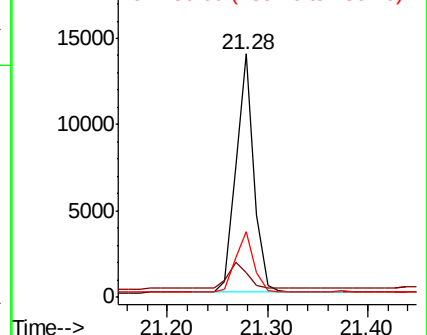
236 27.2 20.9 31.3



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: 0.481 ng

RT: 19.51 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

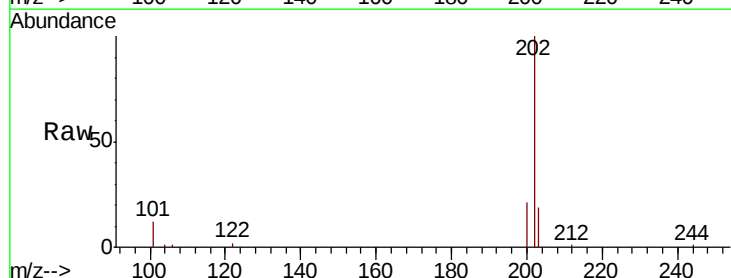
Tgt Ion:202 Resp: 25482

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

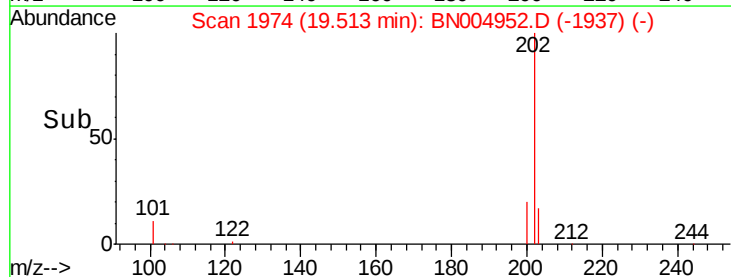
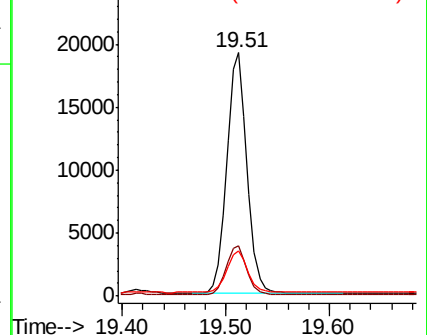
203 18.5 14.0 21.0

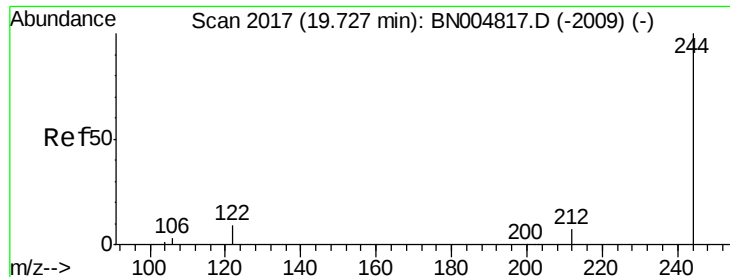


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.509 ng

RT: 19.71 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

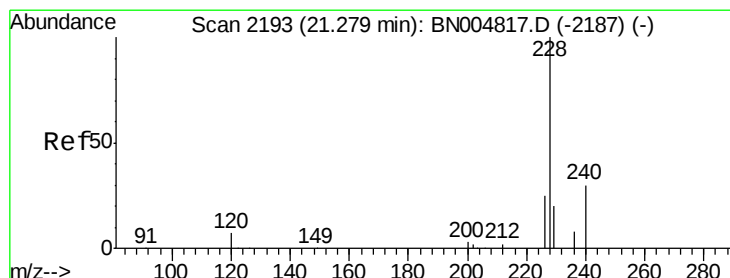
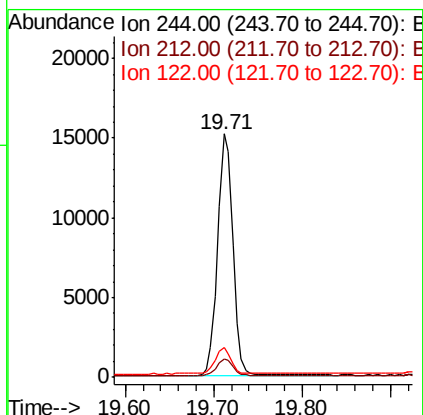
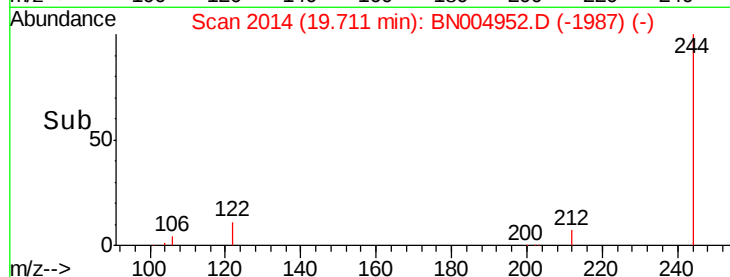
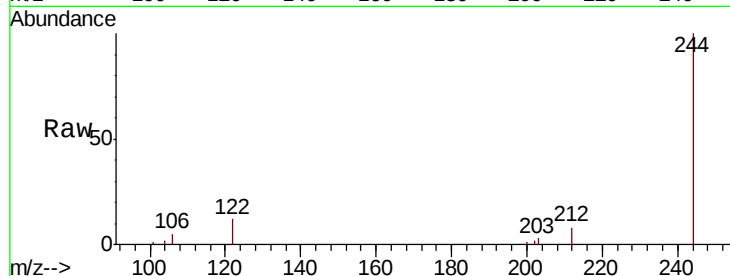
Tgt Ion:244 Resp: 18081

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

122 12.5 7.9 11.9#



#30

Benzo(a)anthracene

Concen: 0.452 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

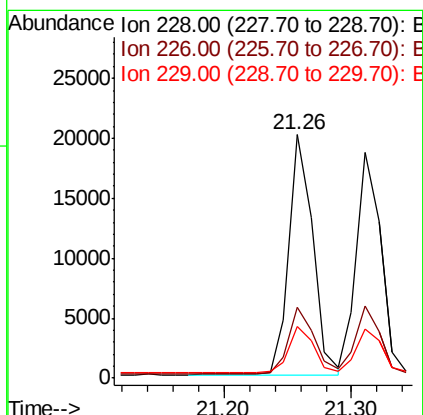
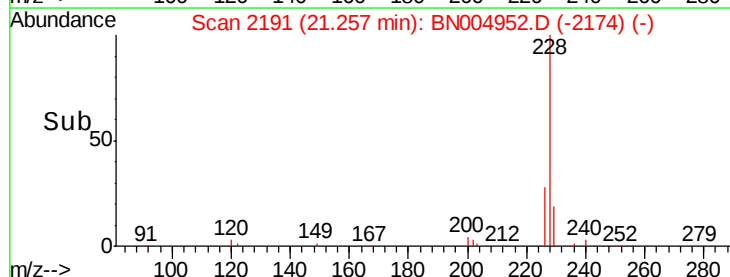
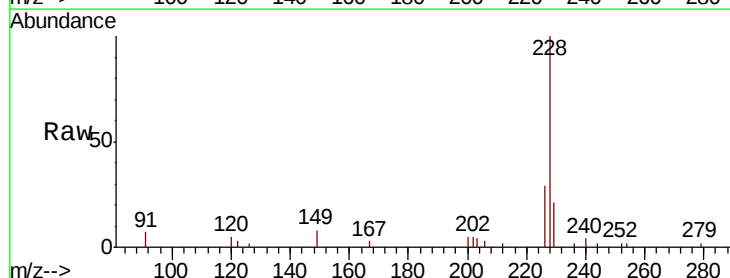
Tgt Ion:228 Resp: 25713

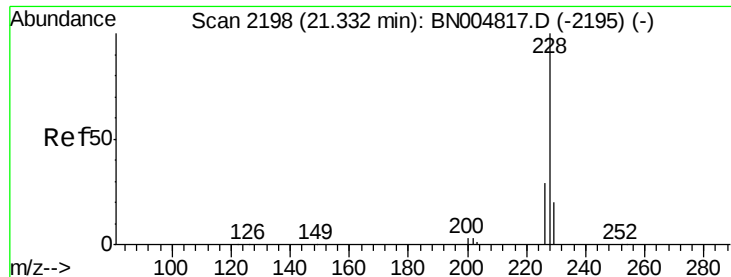
Ion Ratio Lower Upper

228 100

226 29.1 20.6 31.0

229 21.4 16.2 24.4





#31

Chrysene

Concen: 0.406 ng

RT: 21.31 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

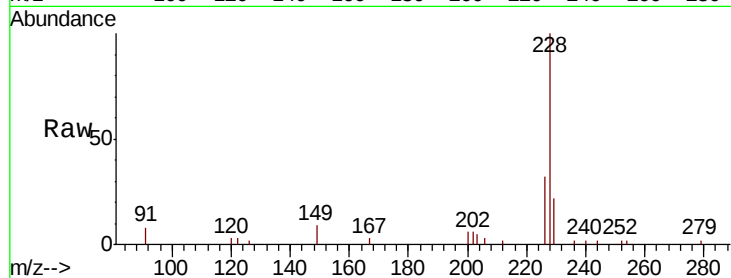
Tgt Ion:228 Resp: 24312

Ion Ratio Lower Upper

228 100

226 31.9 23.0 34.6

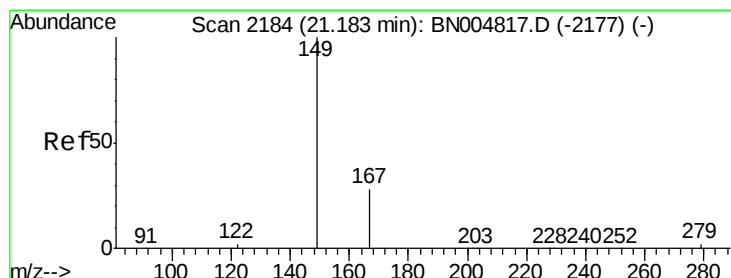
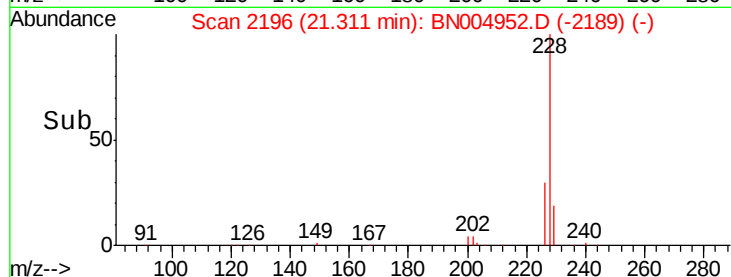
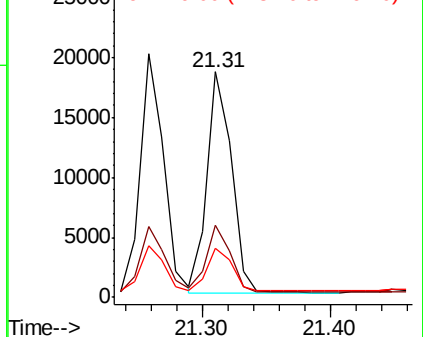
229 21.6 16.2 24.2



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: 0.785 ng

RT: 21.17 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

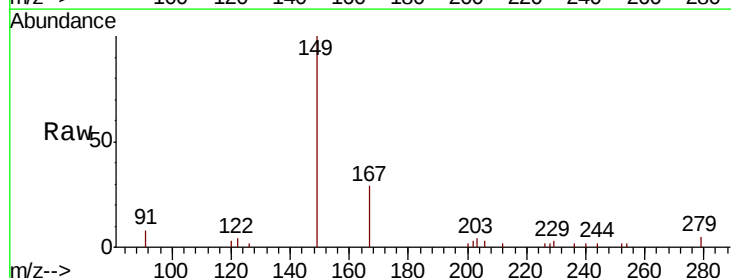
Tgt Ion:149 Resp: 17850

Ion Ratio Lower Upper

149 100

167 28.9 23.0 34.4

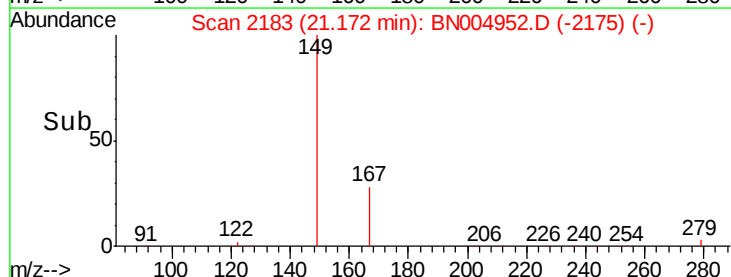
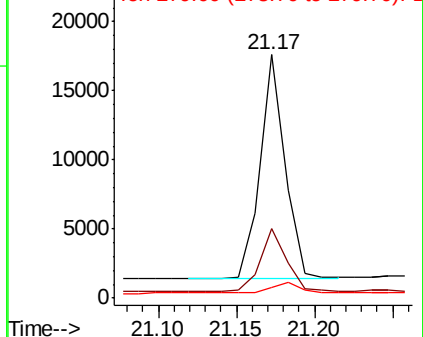
279 5.5 4.6 6.8

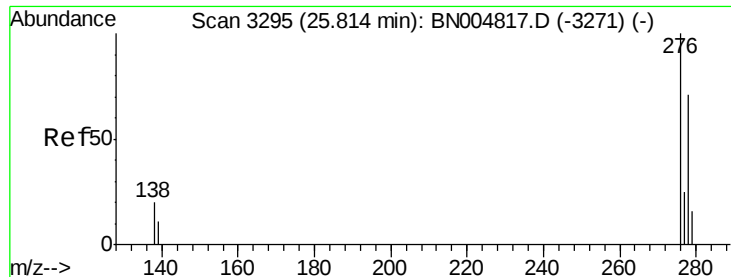


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.371 ng

RT: 25.79 min Scan# 3288

Delta R.T. -0.02 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

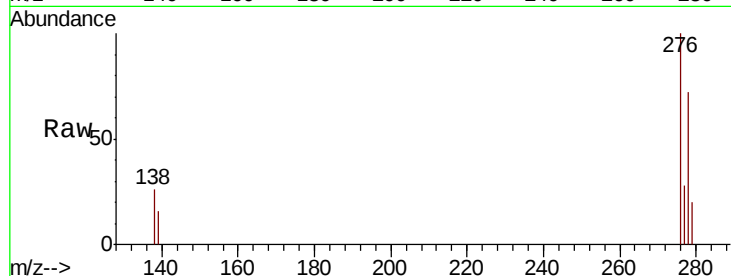
Tgt Ion:276 Resp: 32217

Ion Ratio Lower Upper

276 100

138 23.2 16.6 24.8

277 25.2 20.3 30.5

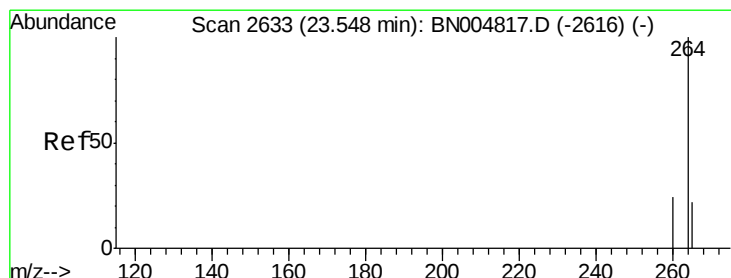
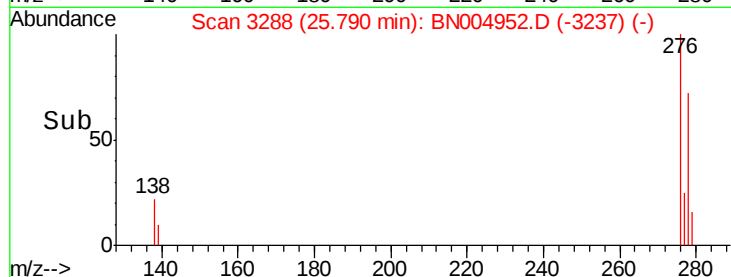
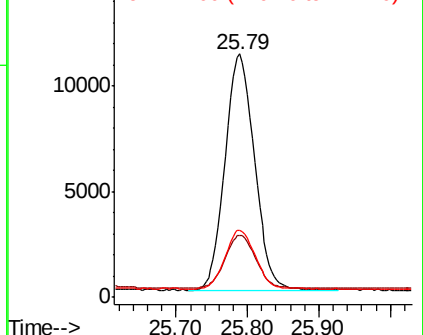


Abundance

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: 23.53 min Scan# 2627

Delta R.T. -0.02 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

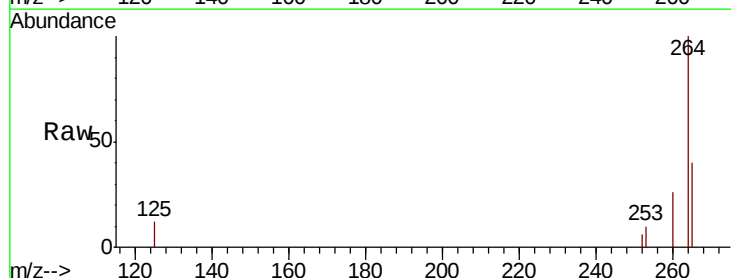
Tgt Ion:264 Resp: 18166

Ion Ratio Lower Upper

264 100

260 26.3 19.5 29.3

265 39.5 23.1 34.7#

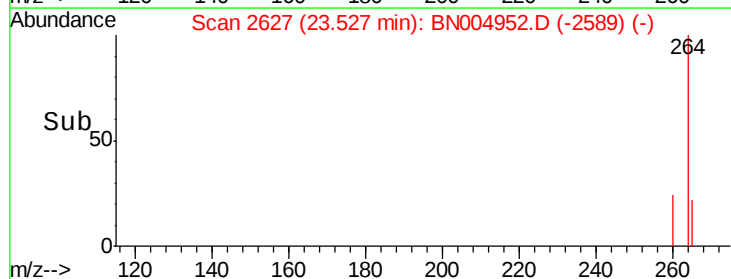
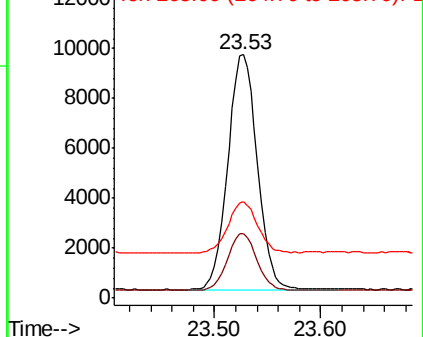


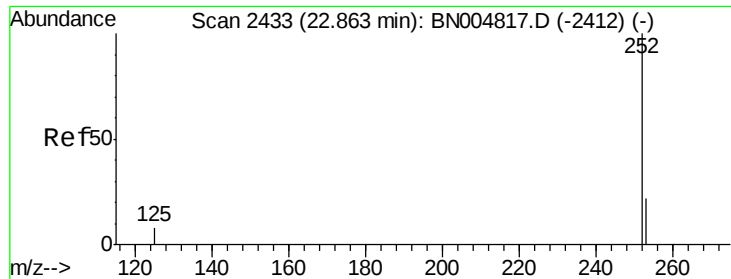
Abundance

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: 0.418 ng

RT: 22.85 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

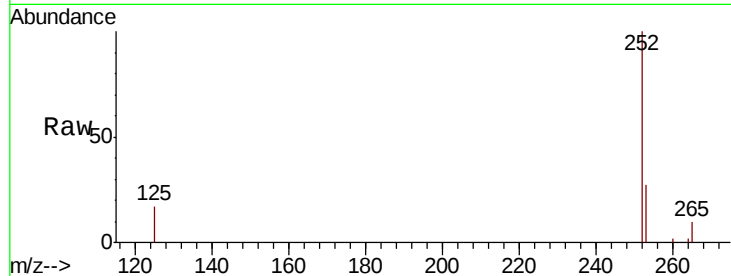
Tgt Ion:252 Resp: 27464

Ion Ratio Lower Upper

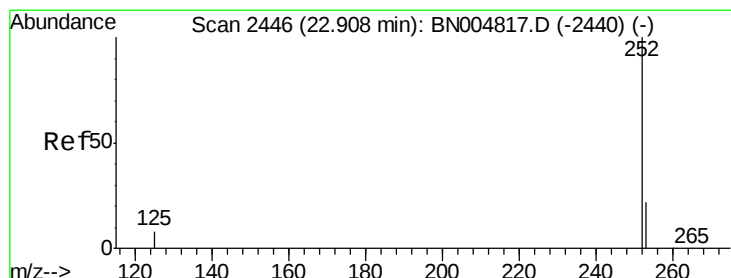
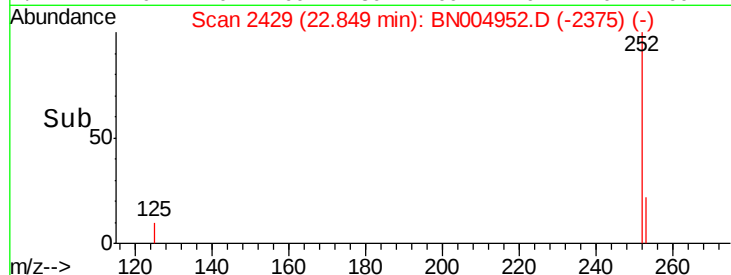
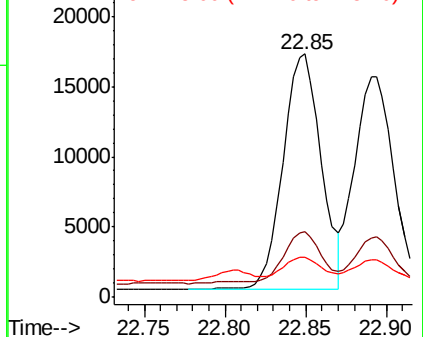
252 100

253 26.7 19.0 28.4

125 16.6 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: 0.394 ng

RT: 22.89 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

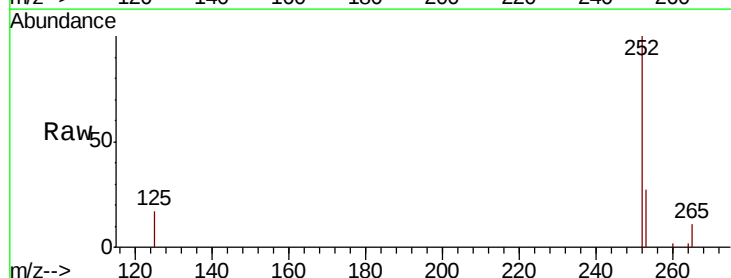
Tgt Ion:252 Resp: 25480

Ion Ratio Lower Upper

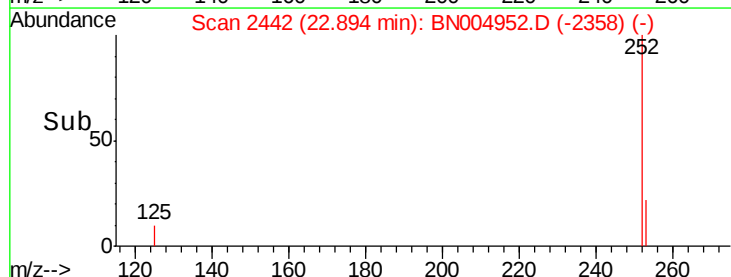
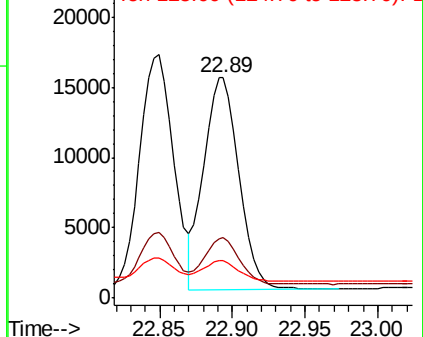
252 100

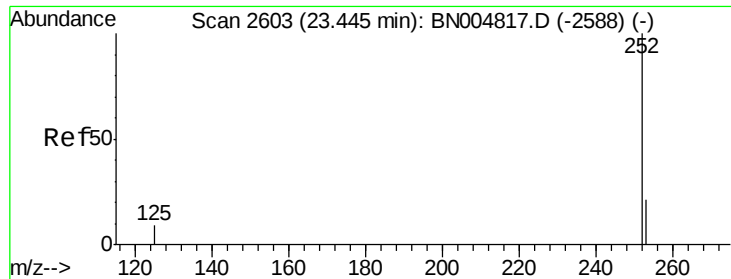
253 27.3 19.3 28.9

125 16.9 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: 0.404 ng

RT: 23.43 min Scan# 2598

Delta R.T. -0.02 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

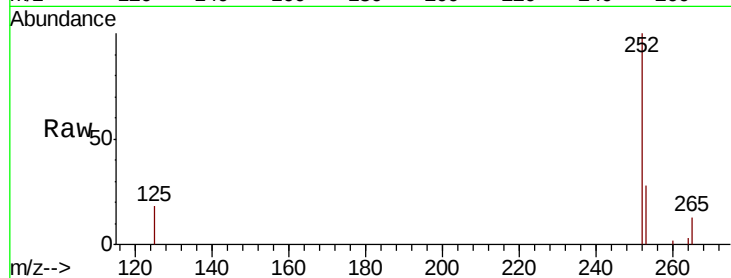
Tgt Ion:252 Resp: 24362

Ion Ratio Lower Upper

252 100

253 28.2 19.7 29.5

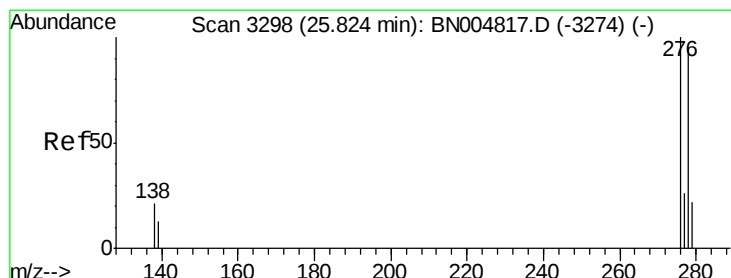
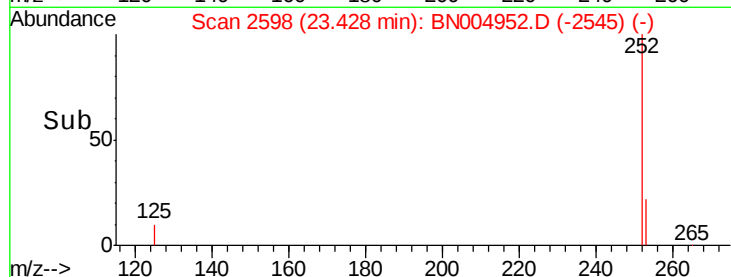
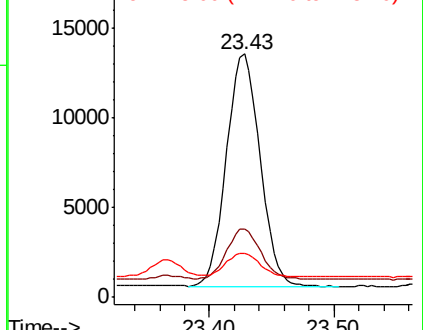
125 18.2 8.3 12.5#



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: 0.376 ng

RT: 25.80 min Scan# 3291

Delta R.T. -0.02 min

Lab File: BN004952.D

Acq: 24 Mar 2019 22:53

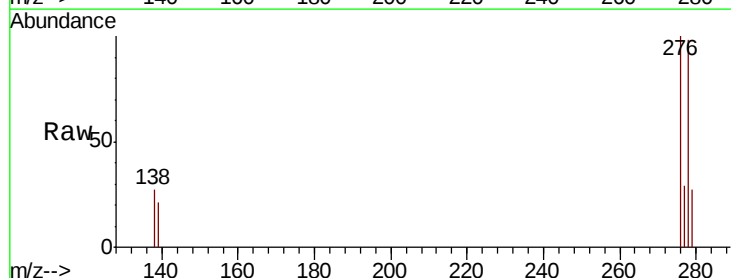
Tgt Ion:278 Resp: 26268

Ion Ratio Lower Upper

278 100

139 20.9 11.7 17.5#

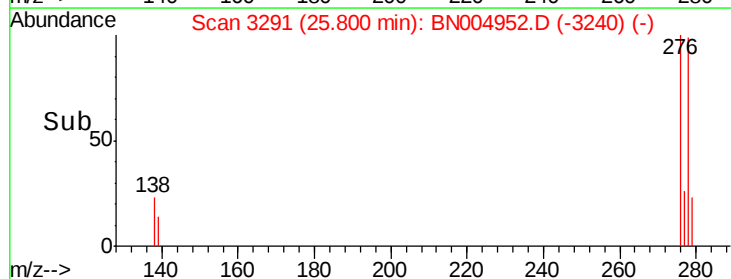
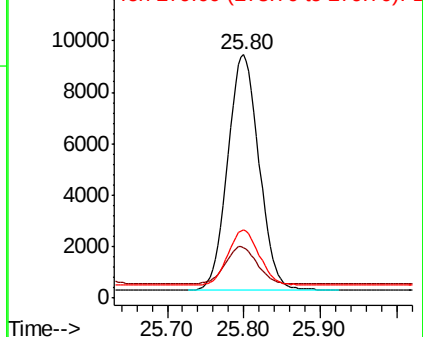
279 28.0 19.9 29.9

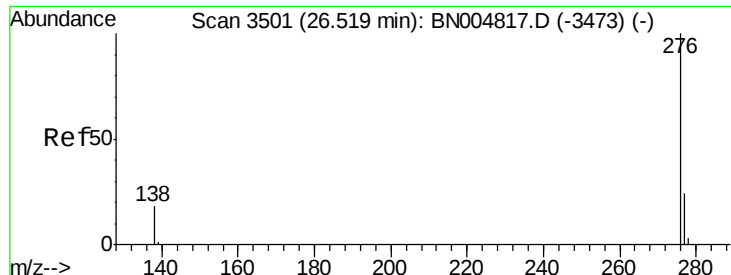


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.377 ng

RT: 26.49 min Scan# 3492

Delta R.T. -0.03 min

Lab File: BN004952.D

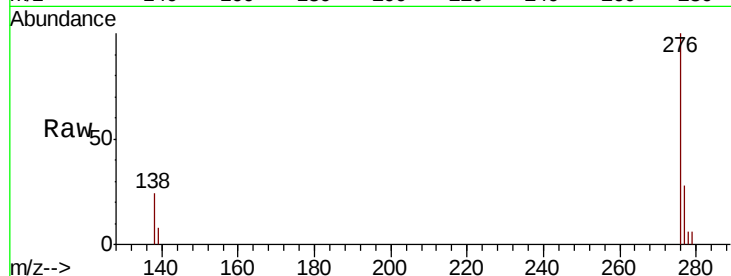
Acq: 24 Mar 2019 22:53

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



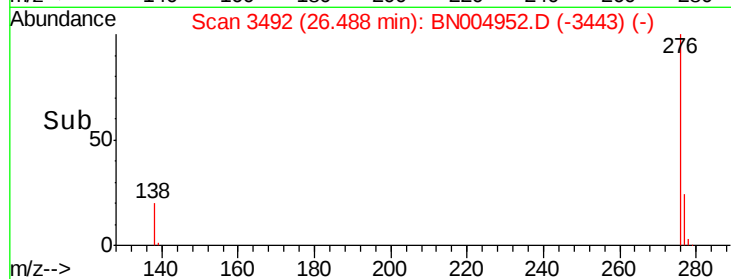
Tgt Ion: 276 Resp: 26786

Ion Ratio Lower Upper

276 100

277 27.6 19.7 29.5

138 24.2 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

