

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032519\
 Data File : BN004954.D
 Acq On : 25 Mar 2019 11:14
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 26 01:16:02 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	3488	0.40	ng	-0.02
7) Naphthalene-d8	10.47	136	14060	0.40	ng	-0.03
13) Acenaphthene-d10	14.32	164	7045	0.40	ng	-0.02
19) Phenanthrene-d10	17.08	188	14825	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	16828	0.40	ng	-0.01
34) Perylene-d12	23.53	264	18032	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	4453	0.47	ng	0.00
5) Phenol-d6	6.87	99	5425	0.46	ng	0.00
8) Nitrobenzene-d5	8.84	82	4560	0.49	ng	-0.03
11) 2-Methylnaphthalene-d10	12.06	152	9587	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	15.84	330	1803	0.37	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	14133	0.49	ng	-0.02
25) Fluoranthene-d10	19.12	212	18936	0.38	ng	-0.01
29) Terphenyl-d14	19.71	244	16695	0.48	ng	-0.01

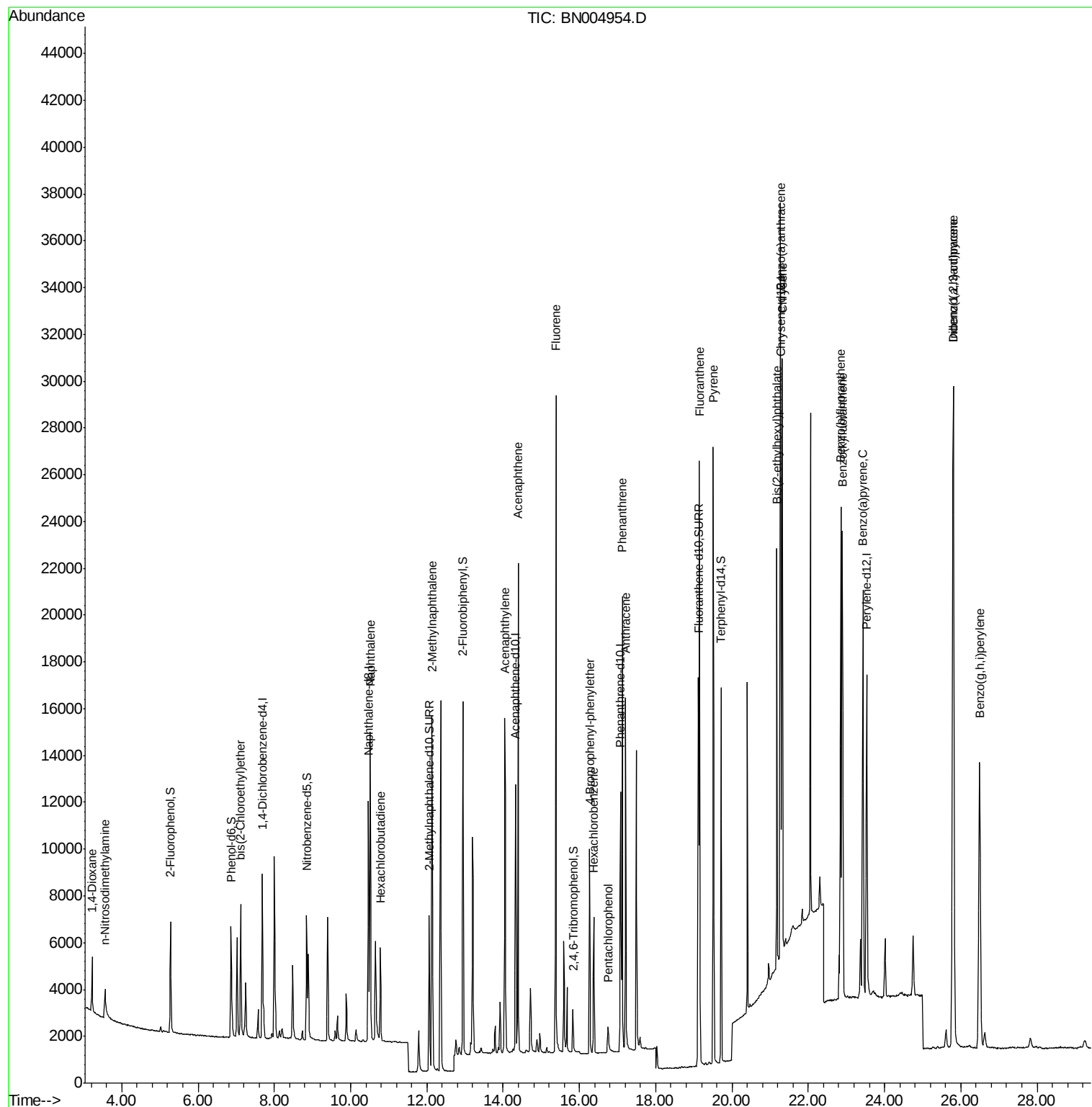
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1760	0.444	ng	99
3) n-Nitrosodimethylamine	3.55	42	1154	0.492	ng	100
6) bis(2-Chloroethyl)ether	7.12	93	4760	0.447	ng	99
9) Naphthalene	10.52	128	17020	0.432	ng	98
10) Hexachlorobutadiene	10.78	225	3155	0.419	ng	# 98
12) 2-Methylnaphthalene	12.14	142	11522	0.393	ng	100
16) Acenaphthylene	14.04	152	16628	0.458	ng	100
17) Acenaphthene	14.39	154	10266	0.432	ng	99
18) Fluorene	15.38	166	13001	0.392	ng	100
20) 4-Bromophenyl-phenylether	16.27	248	4306	0.445	ng	# 87
21) Hexachlorobenzene	16.38	284	4509	0.407	ng	94
22) Pentachlorophenol	16.75	266	816	0.376	ng	99
23) Phenanthrene	17.12	178	19920	0.416	ng	100
24) Anthracene	17.21	178	18210	0.426	ng	100
26) Fluoranthene	19.15	202	23231	0.378	ng	99
28) Pyrene	19.51	202	23846	0.465	ng	99
30) Benzo(a)anthracene	21.27	228	24067	0.436	ng	98
31) Chrysene	21.32	228	24385	0.420	ng	99
32) Bis(2-ethylhexyl)phthalate	21.17	149	16083	0.729	ng	99
33) Indeno(1,2,3-cd)pyrene	25.80	276	32112	0.382	ng	98
35) Benzo(b)fluoranthene	22.85	252	26869	0.412	ng	# 94
36) Benzo(k)fluoranthene	22.90	252	25606	0.399	ng	# 94
37) Benzo(a)pyrene	23.43	252	23946	0.400	ng	# 93
38) Dibenzo(a,h)anthracene	25.81	278	26213	0.378	ng	# 93
39) Benzo(g,h,i)perylene	26.49	276	26316	0.373	ng	# 94

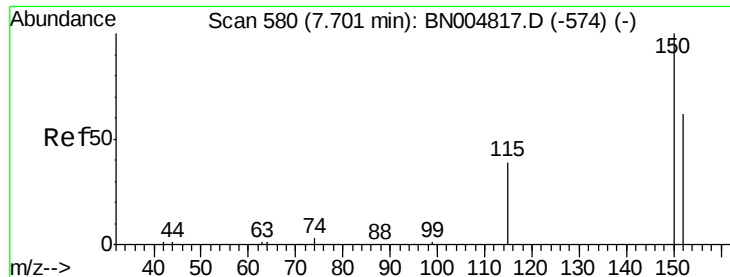
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN004954.D

Acq: 25 Mar 2019 11:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

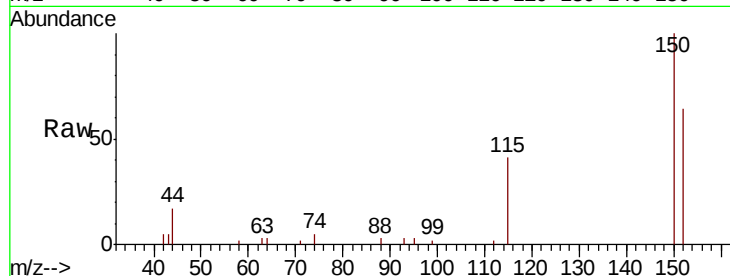
Tgt Ion:152 Resp: 3488

Ion Ratio Lower Upper

152 100

150 155.3 126.2 189.4

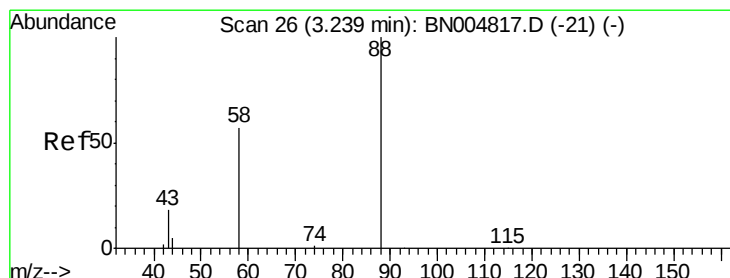
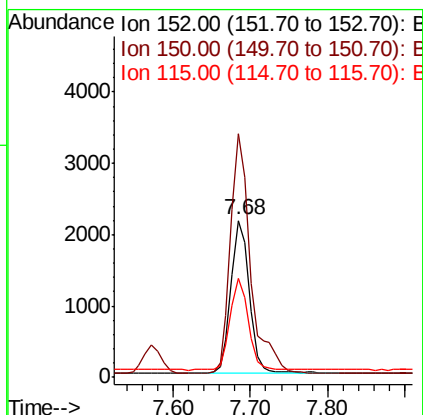
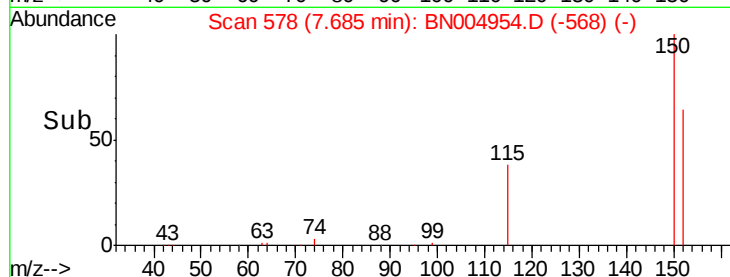
115 63.5 52.6 79.0



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: 0.444 ng

RT: 3.22 min Scan# 24

Delta R.T. -0.02 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

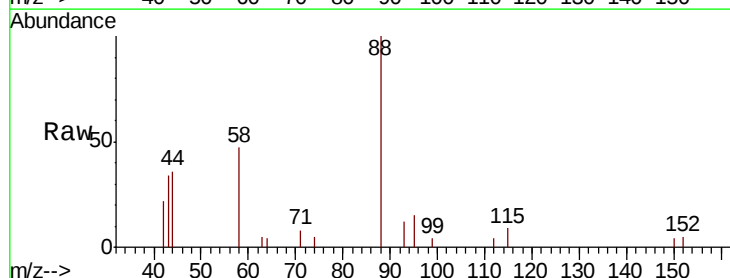
Tgt Ion: 88 Resp: 1760

Ion Ratio Lower Upper

88 100

58 64.0 51.4 77.2

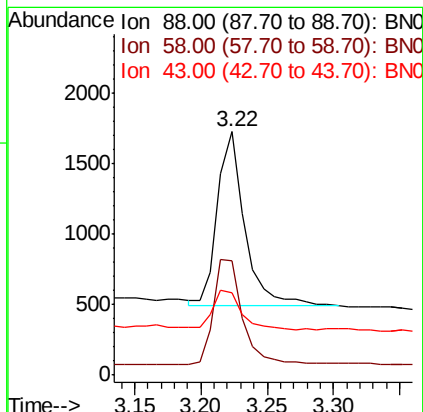
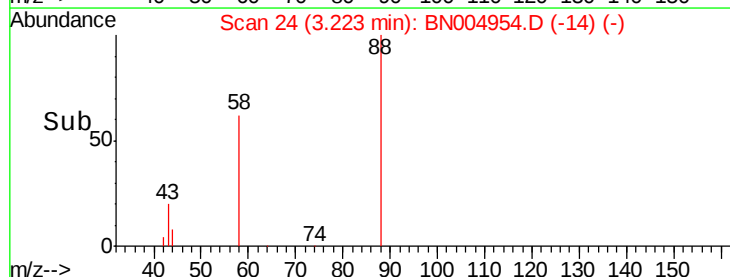
43 24.2 20.0 30.0

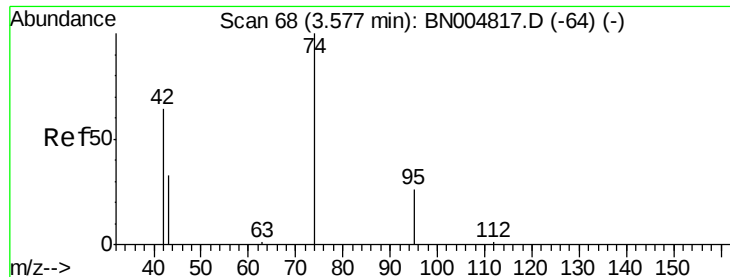


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.492 ng

RT: 3.55 min Scan# 65

Delta R.T. -0.02 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

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BNA_N

ClientSampleId :

SSTDCCC0.4

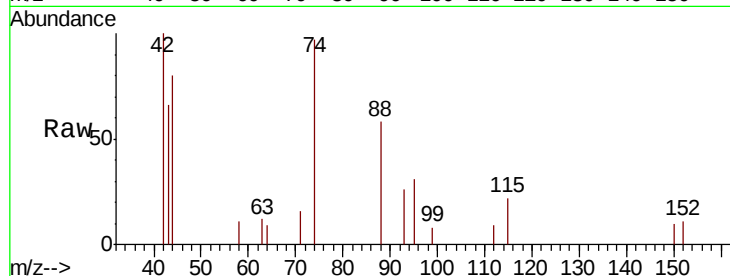
Tgt Ion: 42 Resp: 1154

Ion Ratio Lower Upper

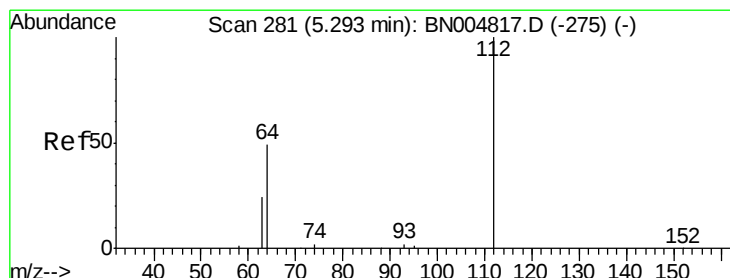
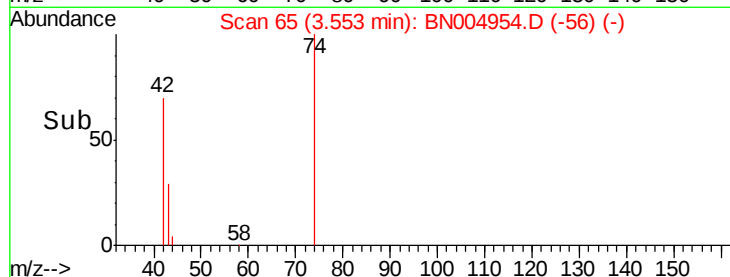
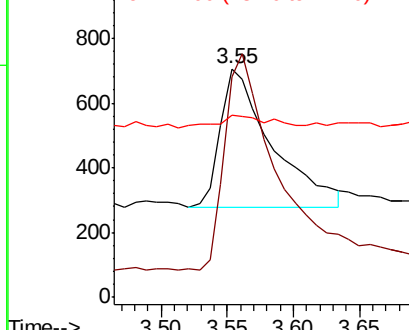
42 100

74 160.0 128.4 192.6

44 8.0 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: 0.470 ng

RT: 5.28 min Scan# 280

Delta R.T. -0.01 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

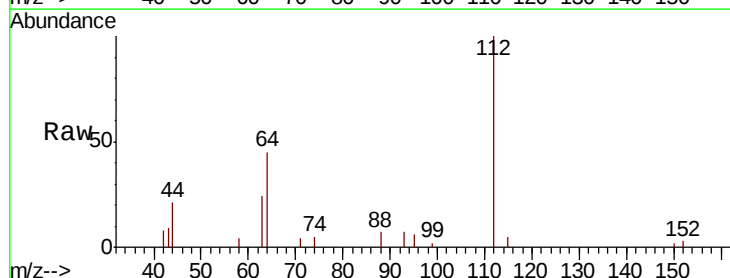
Tgt Ion: 112 Resp: 4453

Ion Ratio Lower Upper

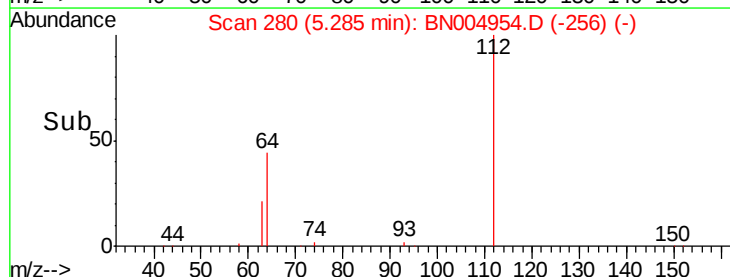
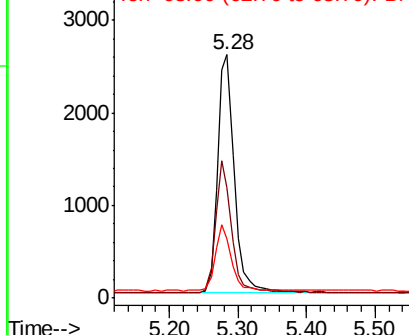
112 100

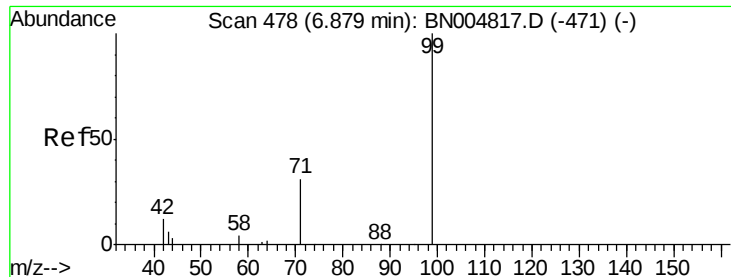
64 52.9 40.0 60.0

63 26.4 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





#5

Phenol-d6

Concen: 0.460 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

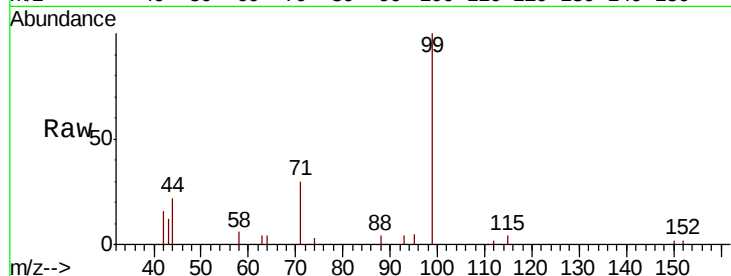
Tgt Ion: 99 Resp: 5425

Ion Ratio Lower Upper

99 100

42 14.8 12.7 19.1

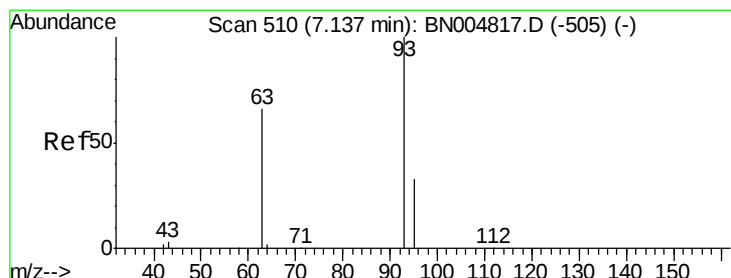
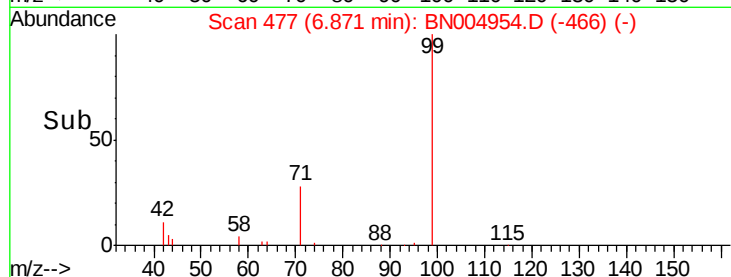
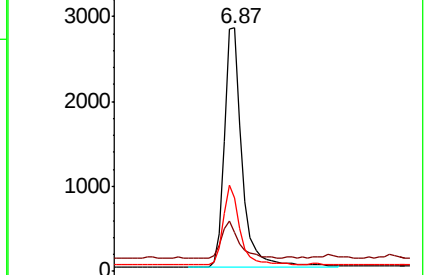
71 31.4 26.6 40.0



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: 0.447 ng

RT: 7.12 min Scan# 508

Delta R.T. -0.02 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

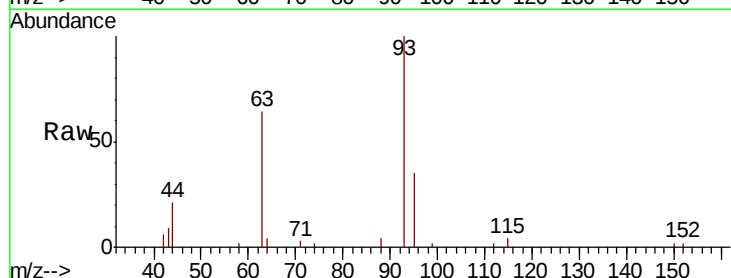
Tgt Ion: 93 Resp: 4760

Ion Ratio Lower Upper

93 100

63 66.4 52.6 78.8

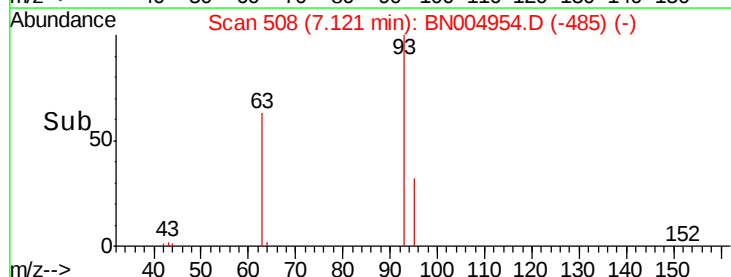
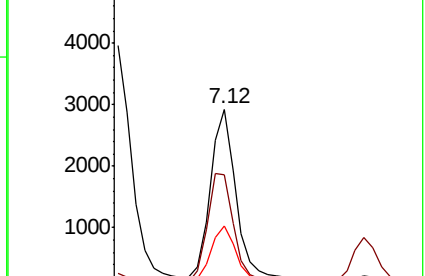
95 31.6 25.9 38.9

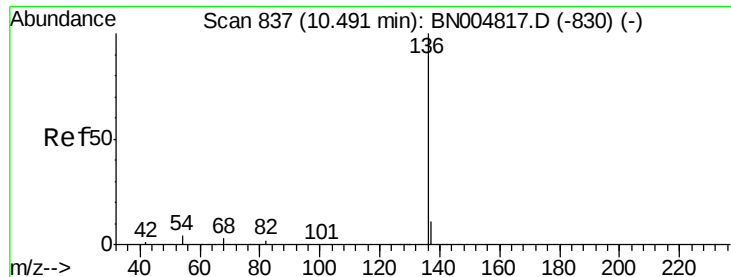


Abundance Ion 93.00 (92.70 to 93.70): BN004817.D (-505) (-)

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: BN004954.D

Acq: 25 Mar 2019 11:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 14060

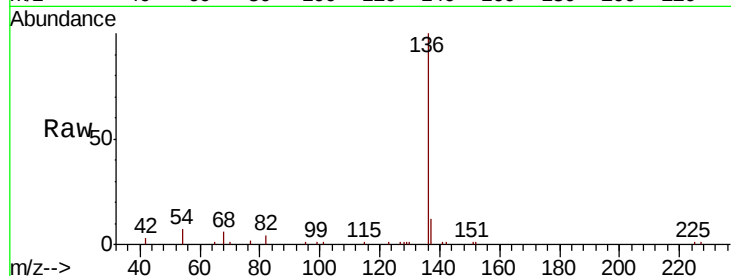
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 7.1 4.2 6.2#

68 6.1 3.9 5.9#



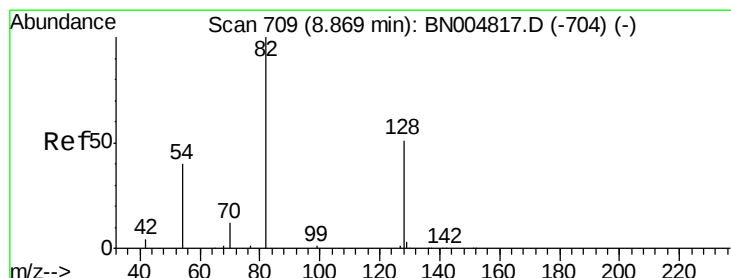
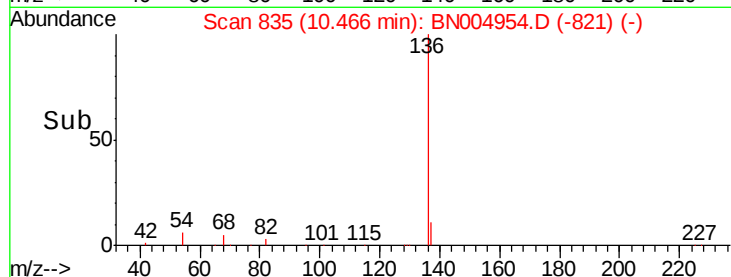
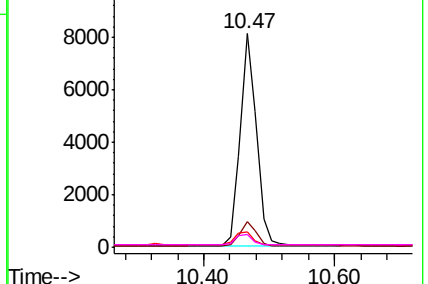
Abundance

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: 0.490 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.03 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

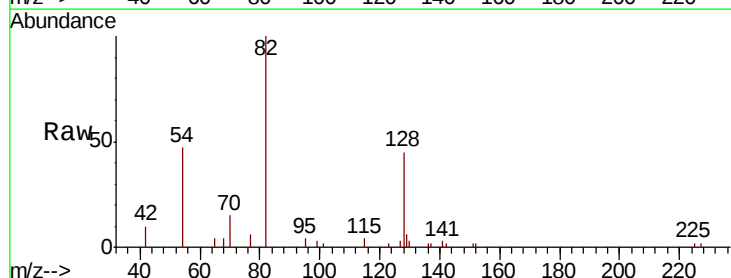
Tgt Ion: 82 Resp: 4560

Ion Ratio Lower Upper

82 100

128 44.6 43.0 64.6

54 47.4 35.3 52.9

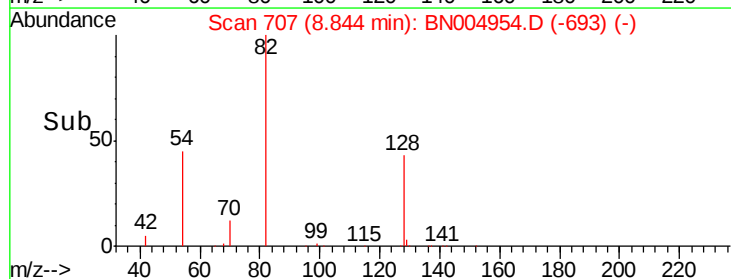
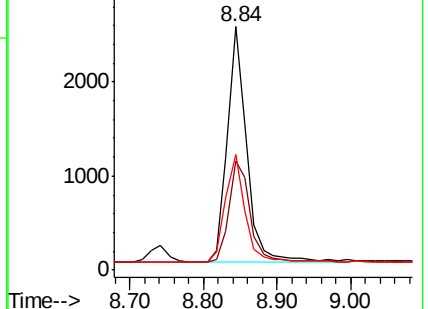


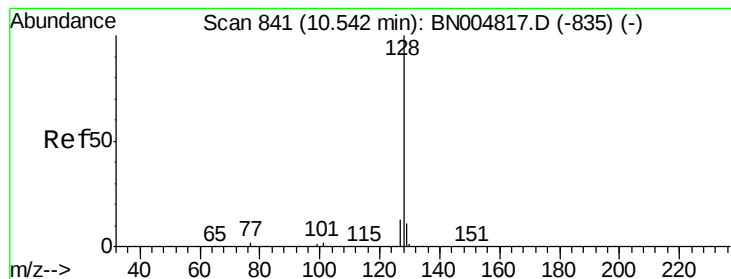
Abundance

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: 0.432 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.03 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

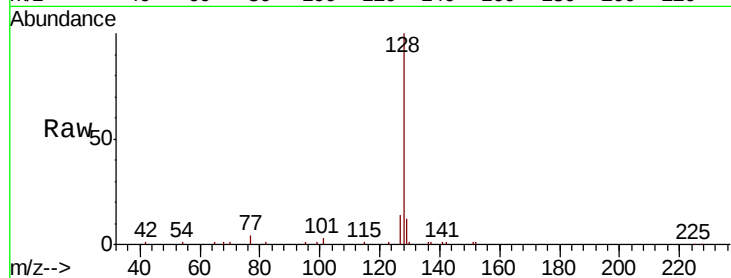
Tgt Ion:128 Resp: 17020

Ion Ratio Lower Upper

128 100

129 11.6 9.9 14.9

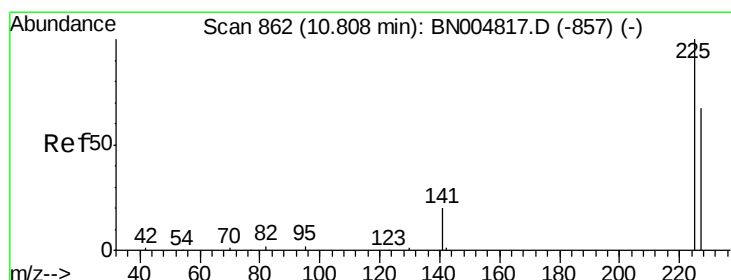
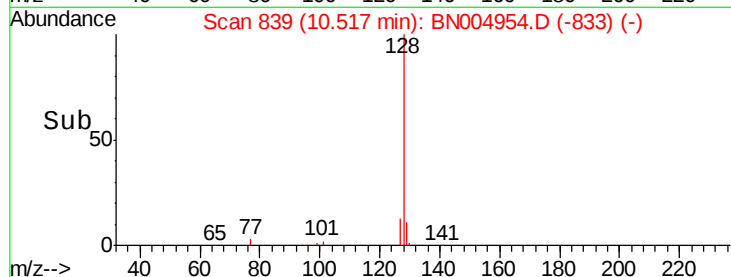
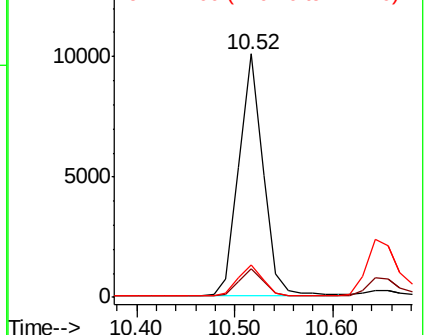
127 13.5 11.3 16.9



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: 0.419 ng

RT: 10.78 min Scan# 860

Delta R.T. -0.03 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

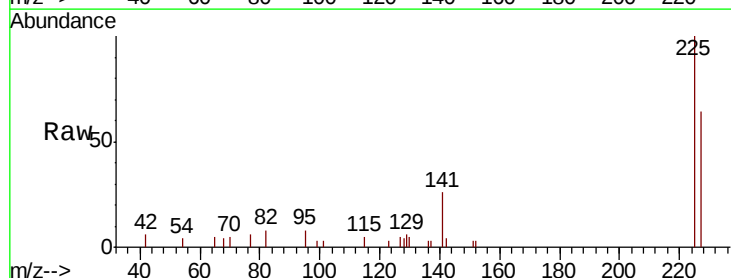
Tgt Ion:225 Resp: 3155

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

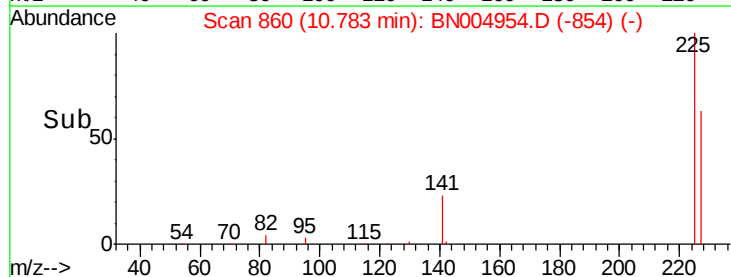
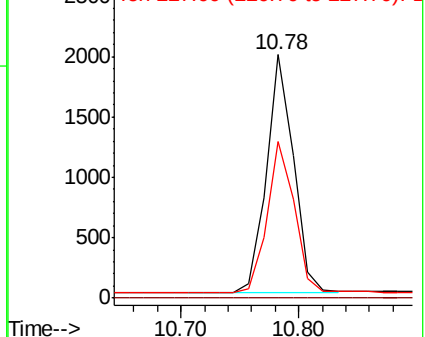
227 64.1 52.2 78.4

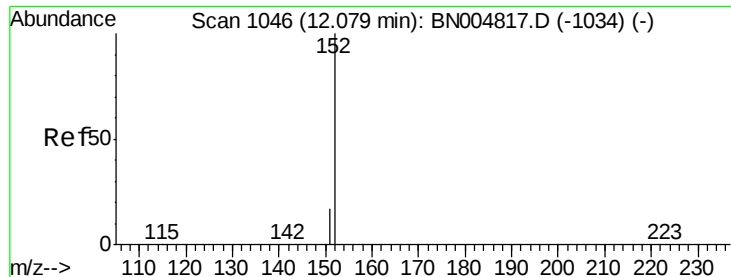


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

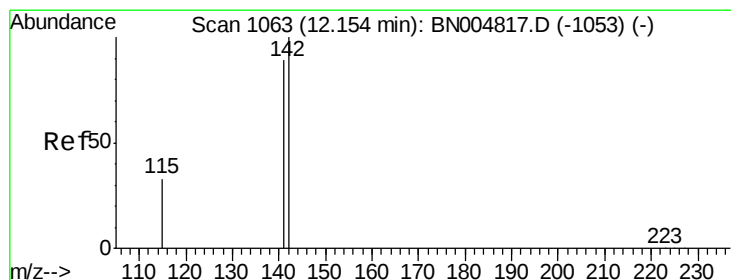
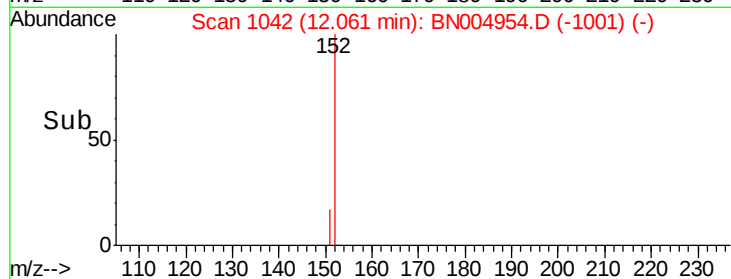
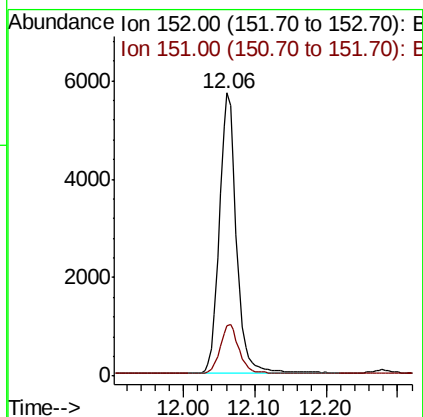
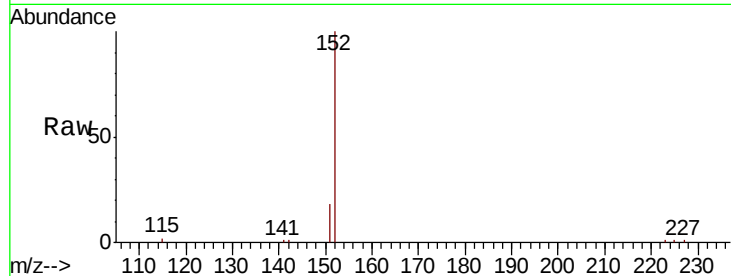




#11
 2-Methylnaphthalene-d10
 Concen: 0.391 ng
 RT: 12.06 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BN004954.D
 Acq: 25 Mar 2019 11:14

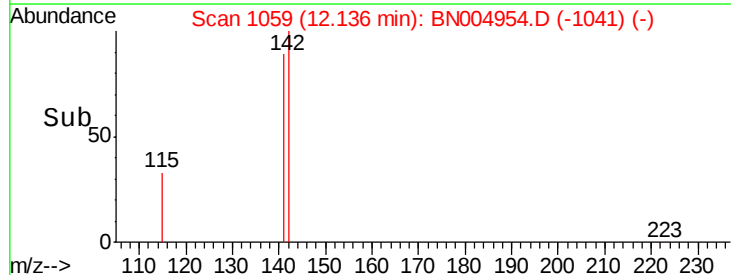
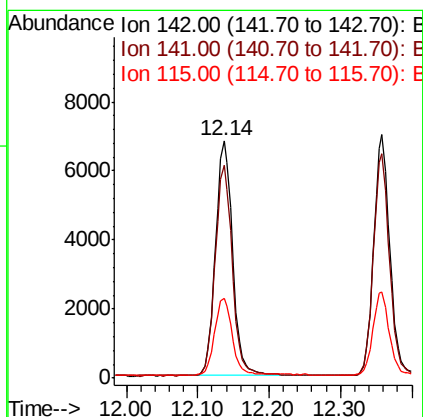
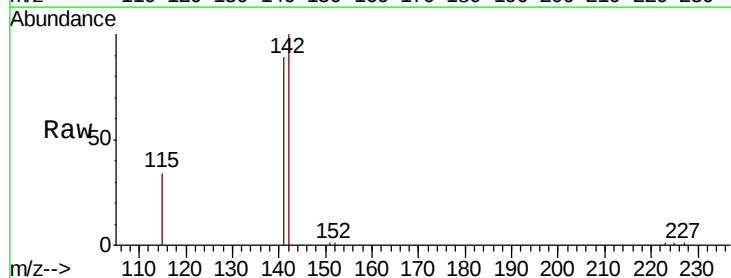
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

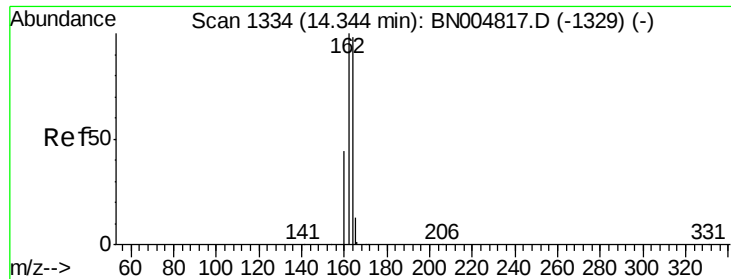
Tgt Ion:152 Resp: 9587
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.393 ng
 RT: 12.14 min Scan# 1059
 Delta R.T. -0.02 min
 Lab File: BN004954.D
 Acq: 25 Mar 2019 11:14

Tgt Ion:142 Resp: 11522
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.4 107.2
 115 33.7 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: BN004954.D

Acq: 25 Mar 2019 11:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

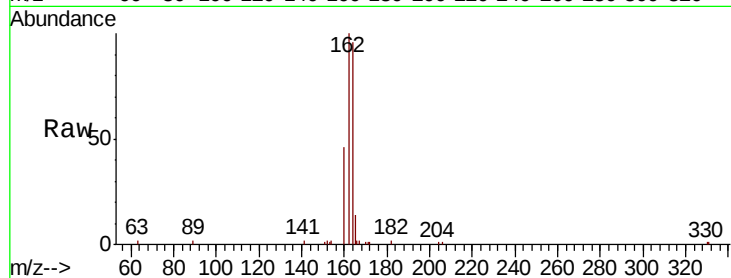
Tgt Ion:164 Resp: 7045

Ion Ratio Lower Upper

164 100

162 104.6 81.9 122.9

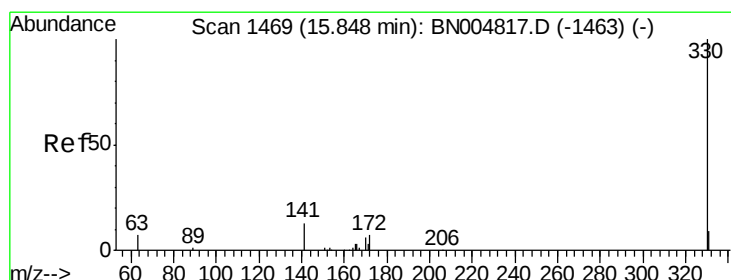
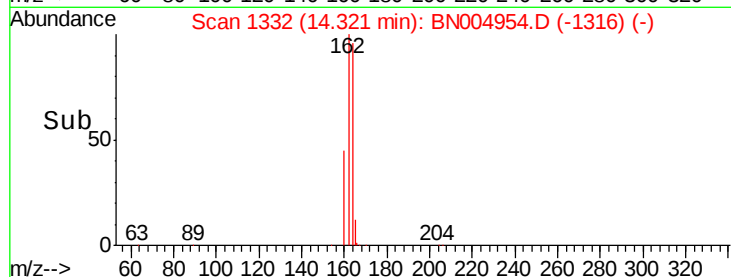
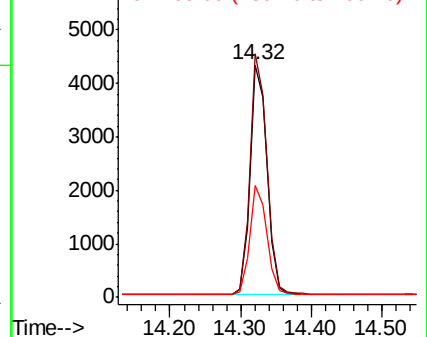
160 48.2 36.6 54.8



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: 0.371 ng

RT: 15.84 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

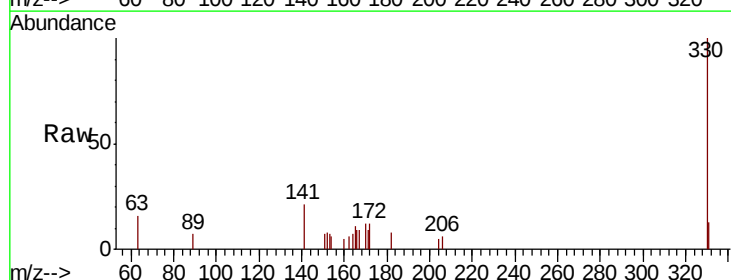
Tgt Ion:330 Resp: 1803

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

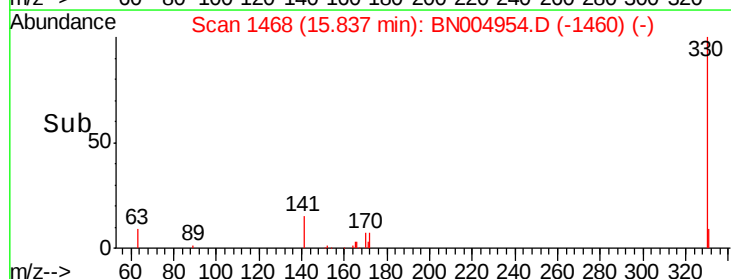
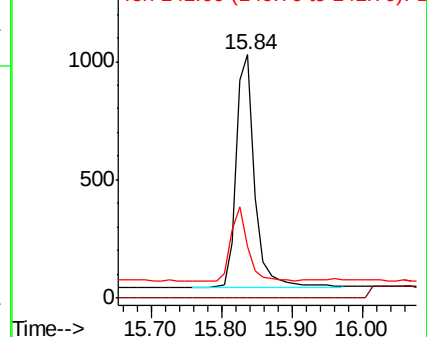
141 29.4 20.9 31.3

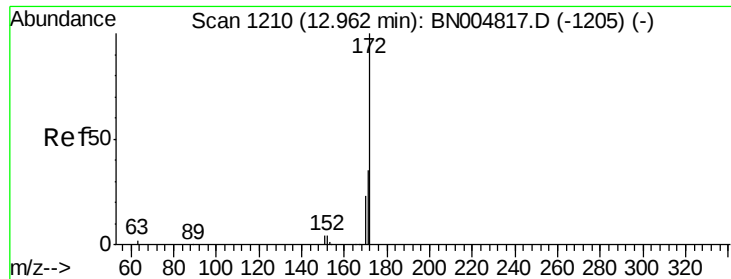


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

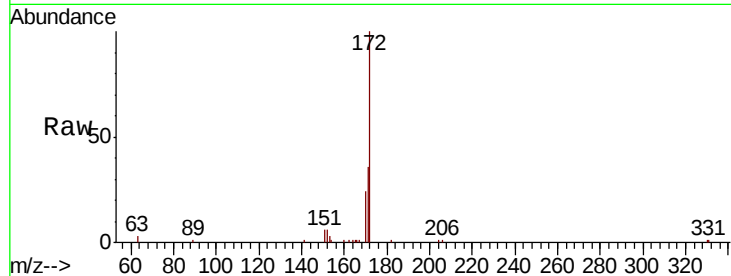




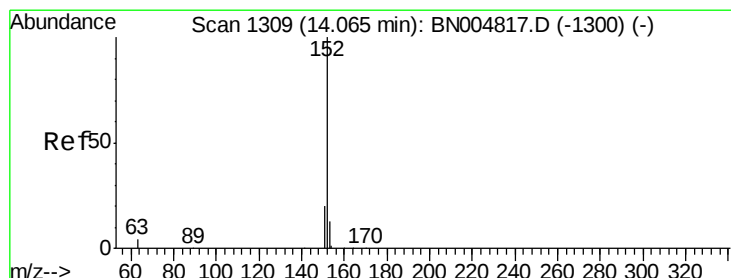
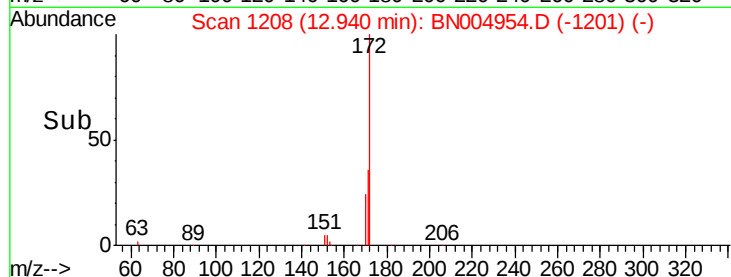
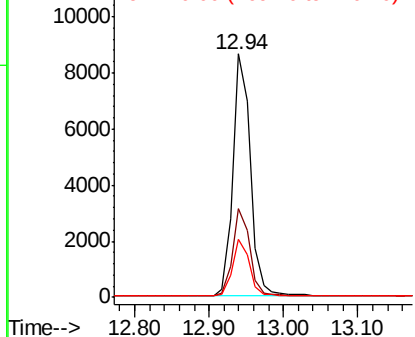
#15
2-Fluorobiphenyl
Concen: 0.485 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 14133
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 24.1 18.7 28.1

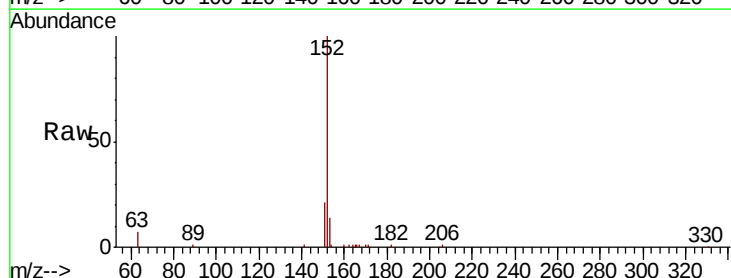


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

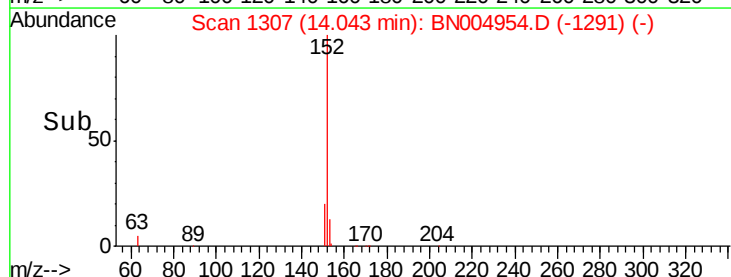
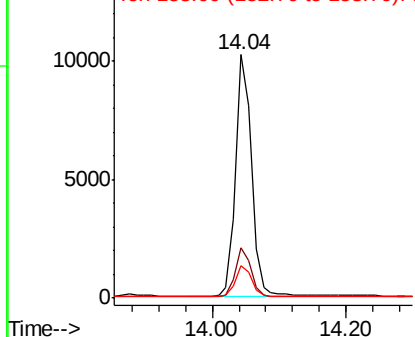


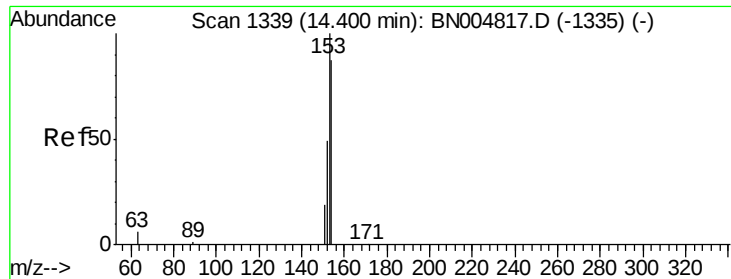
#16
Acenaphthylene
Concen: 0.458 ng
RT: 14.04 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Tgt Ion:152 Resp: 16628
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.2 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.432 ng

RT: 14.39 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

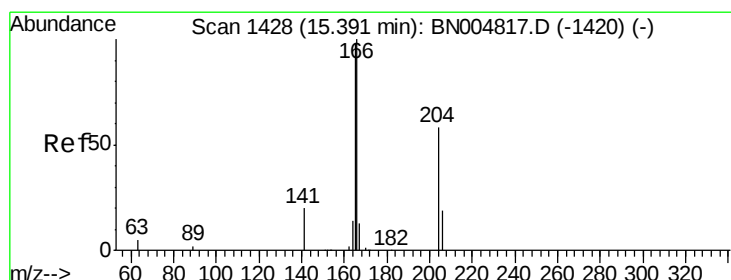
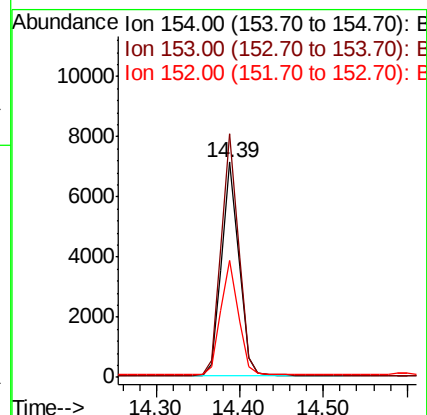
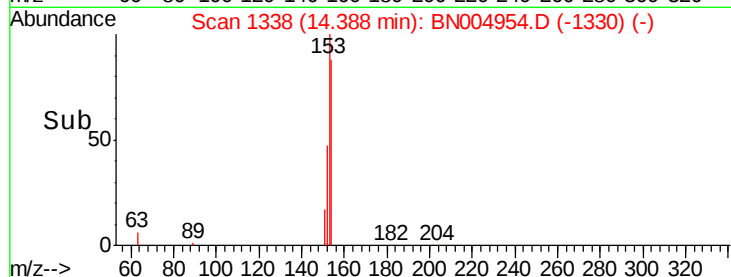
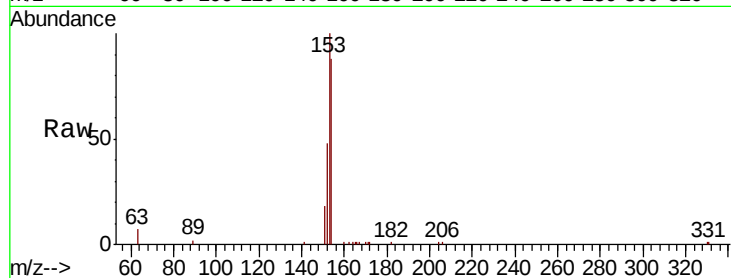
Tgt Ion:154 Resp: 10266

Ion Ratio Lower Upper

154 100

153 113.6 91.4 137.2

152 54.7 44.2 66.2



#18

Fluorene

Concen: 0.392 ng

RT: 15.38 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

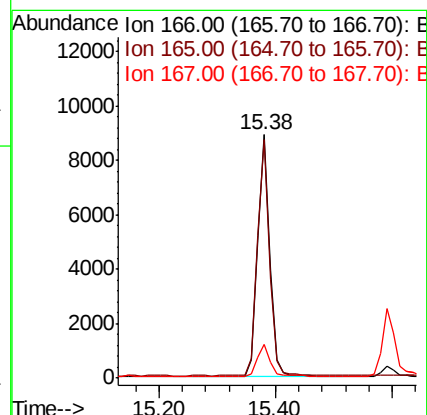
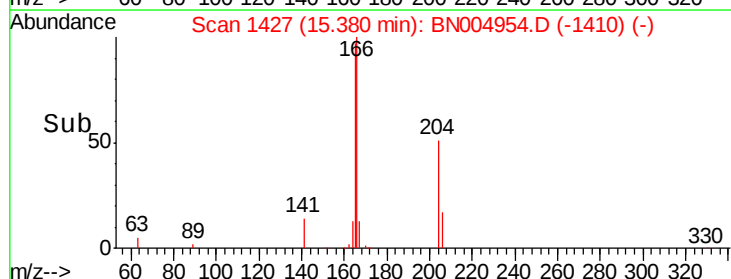
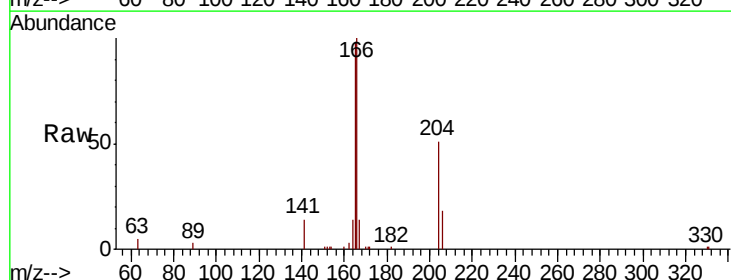
Tgt Ion:166 Resp: 13001

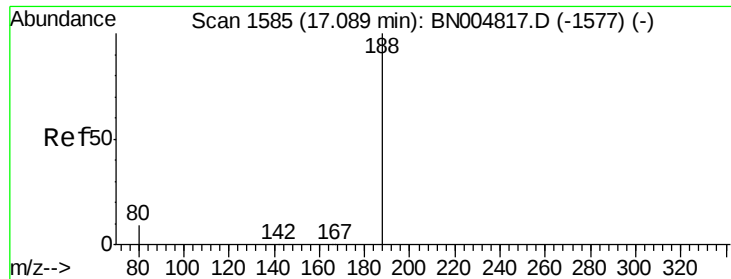
Ion Ratio Lower Upper

166 100

165 98.0 78.2 117.4

167 13.4 11.0 16.4

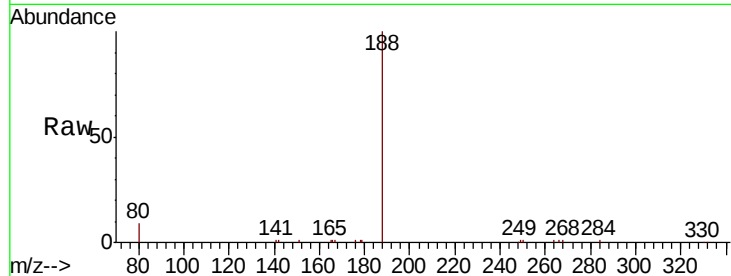




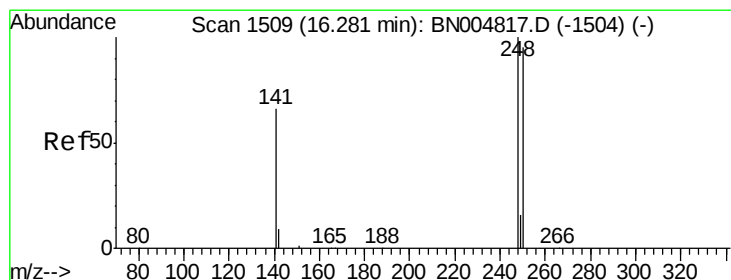
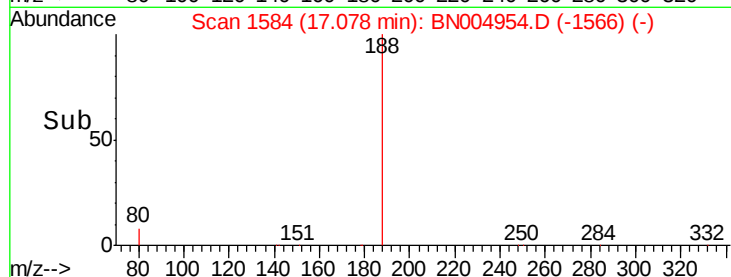
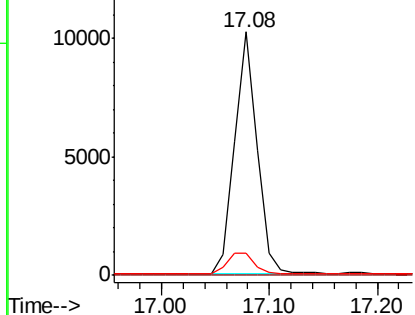
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 14825
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 7.4 11.2

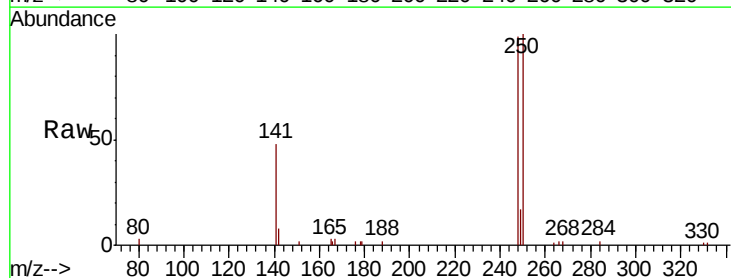


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

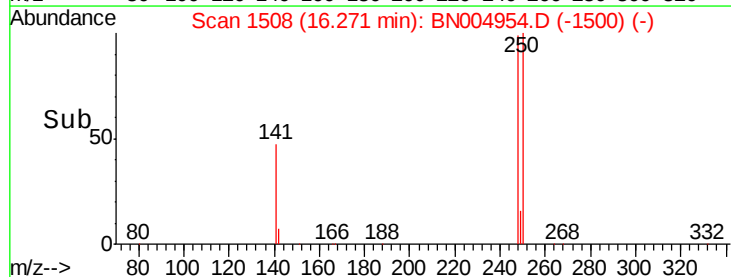
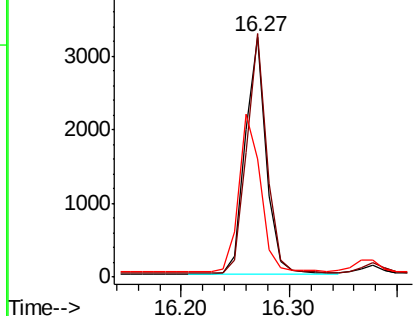


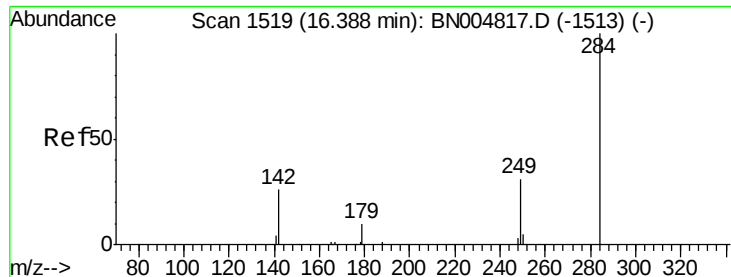
#20
4-Bromophenyl-phenylether
Concen: 0.445 ng
RT: 16.27 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Tgt Ion:248 Resp: 4306
Ion Ratio Lower Upper
248 100
250 101.4 76.2 114.4
141 49.0 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: 0.407 ng

RT: 16.38 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

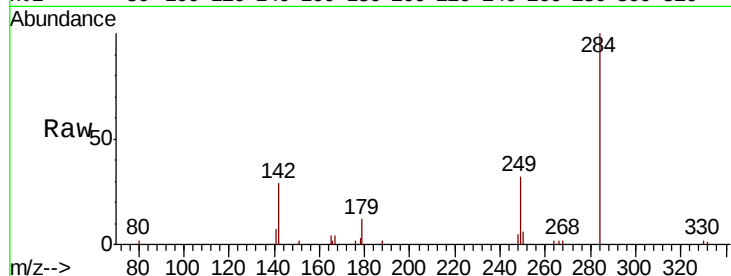
Tgt Ion:284 Resp: 4509

Ion Ratio Lower Upper

284 100

142 32.7 22.6 34.0

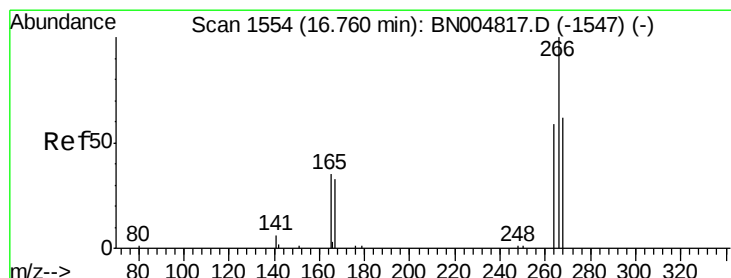
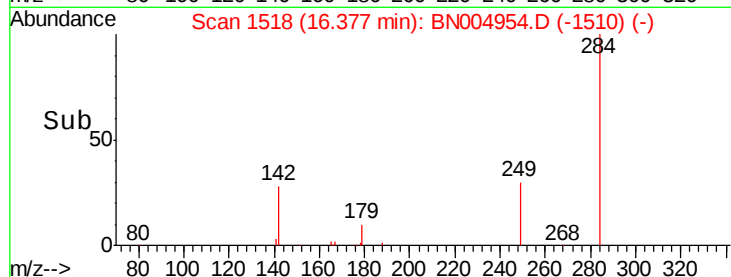
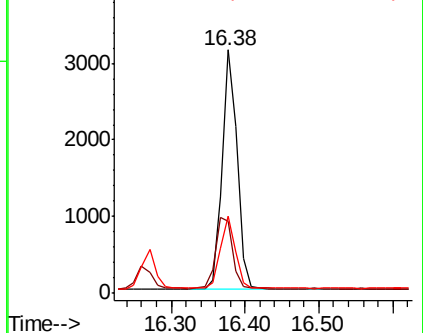
249 29.8 22.5 33.7



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: 0.376 ng

RT: 16.75 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

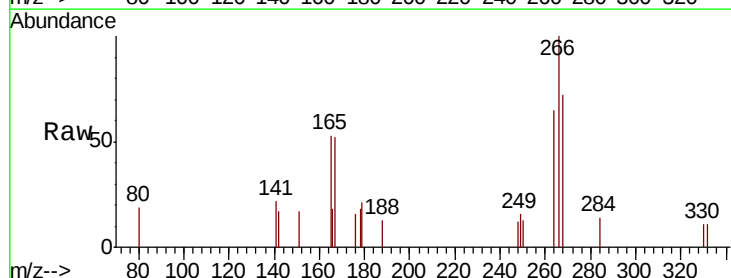
Tgt Ion:266 Resp: 816

Ion Ratio Lower Upper

266 100

264 64.8 53.1 79.7

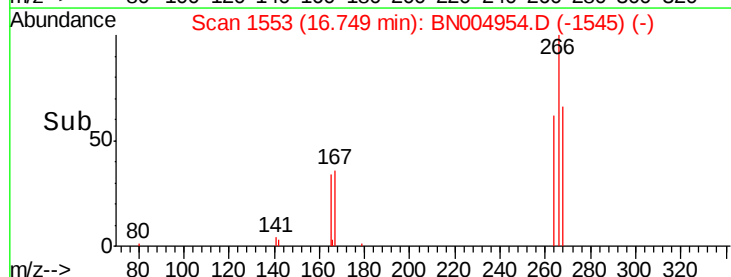
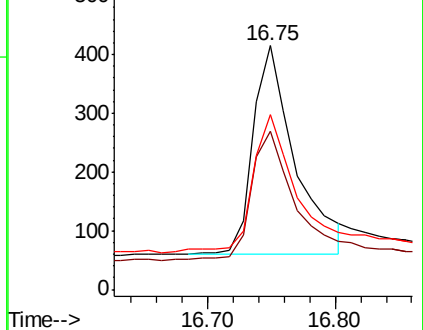
268 71.6 57.7 86.5

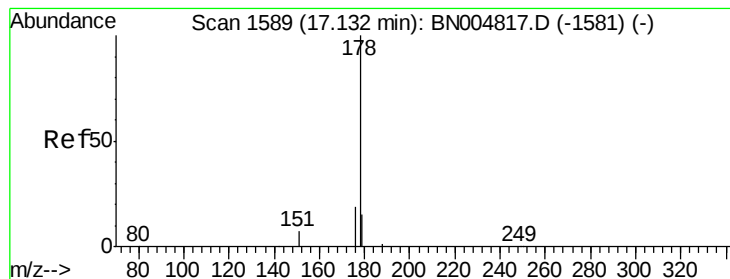


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.416 ng

RT: 17.12 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

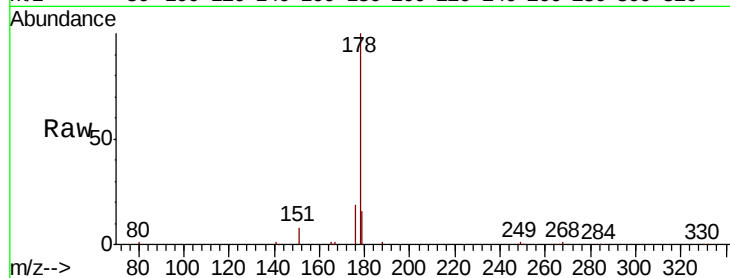
Tgt Ion:178 Resp: 19920

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

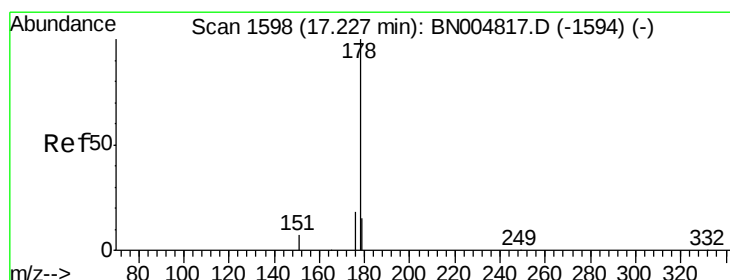
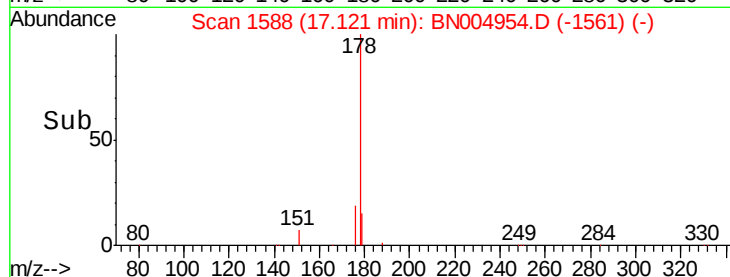
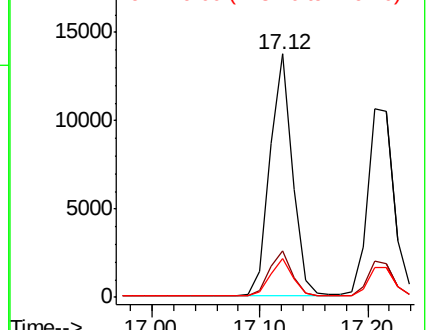
179 15.3 12.1 18.1



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: 0.426 ng

RT: 17.21 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

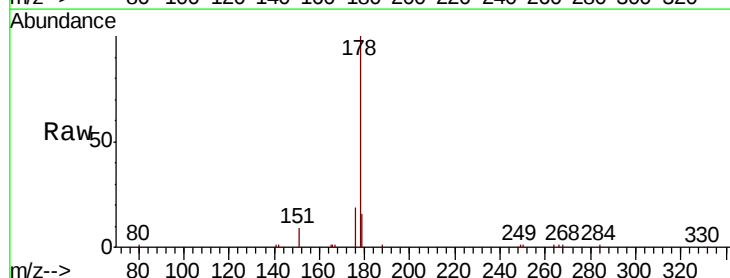
Tgt Ion:178 Resp: 18210

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

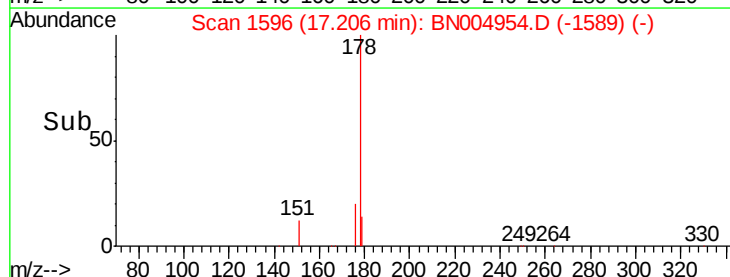
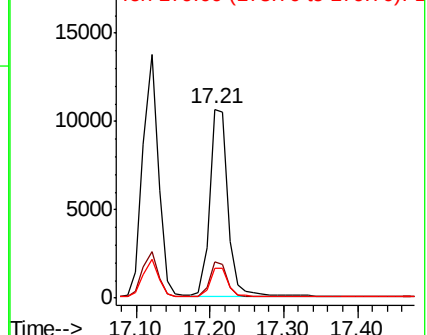
179 15.3 12.2 18.4

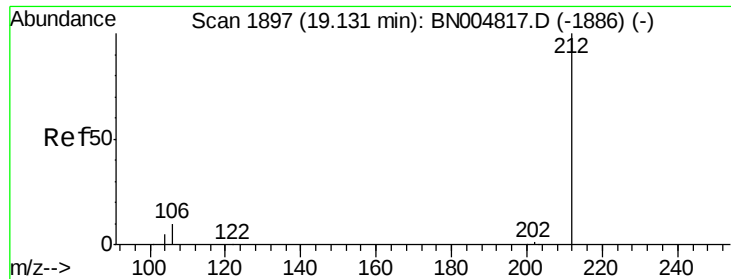


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.381 ng

RT: 19.12 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

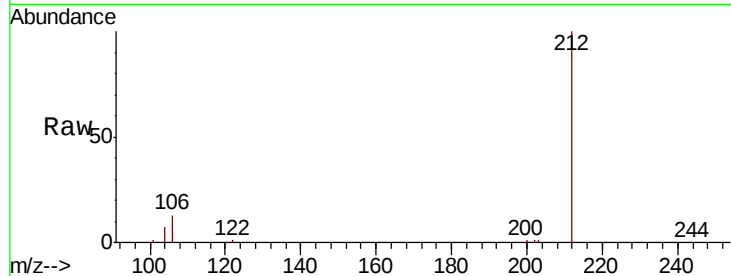
Tgt Ion:212 Resp: 18936

Ion Ratio Lower Upper

212 100

106 12.5 8.6 13.0

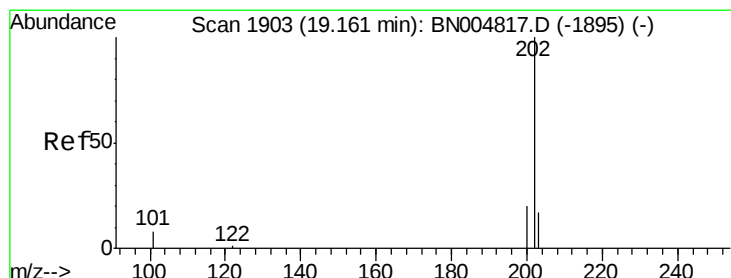
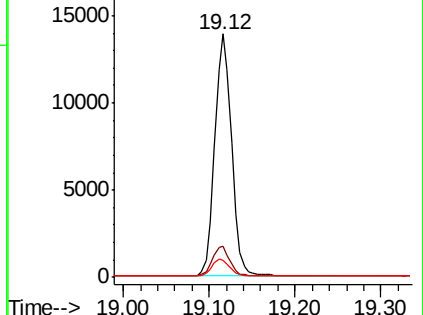
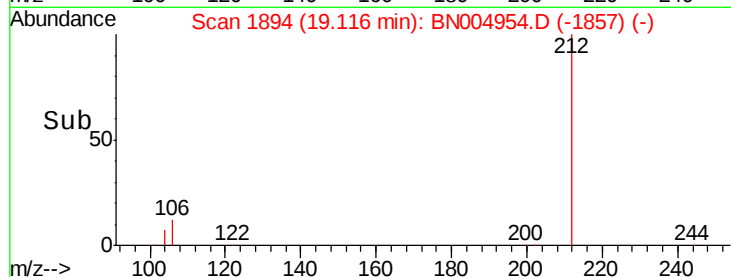
104 7.1 4.7 7.1



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: 0.378 ng

RT: 19.15 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

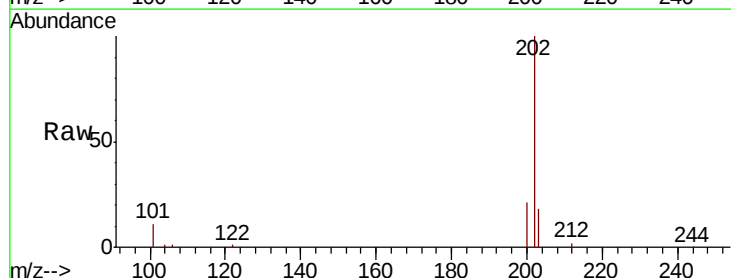
Tgt Ion:202 Resp: 23231

Ion Ratio Lower Upper

202 100

101 10.7 7.5 11.3

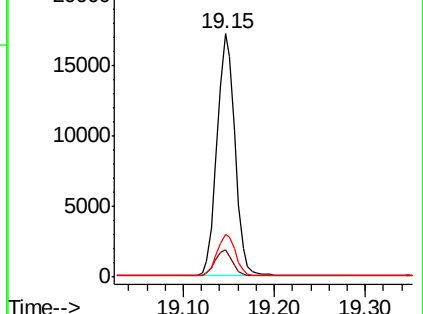
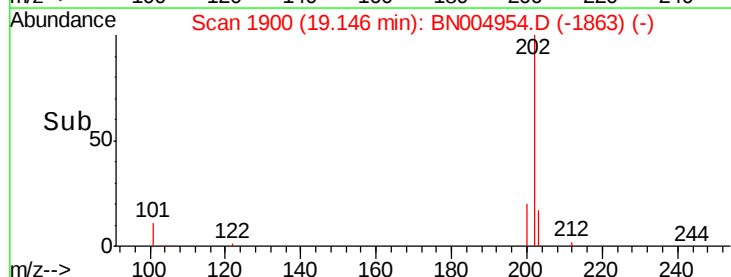
203 17.1 13.8 20.6

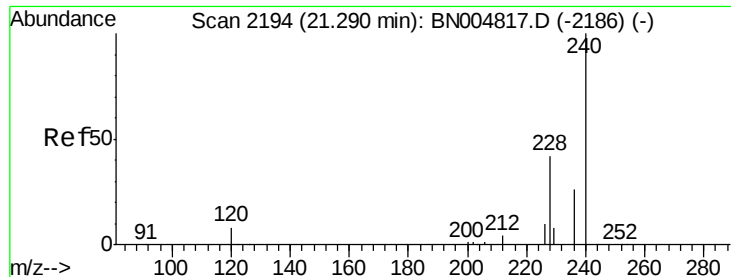


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

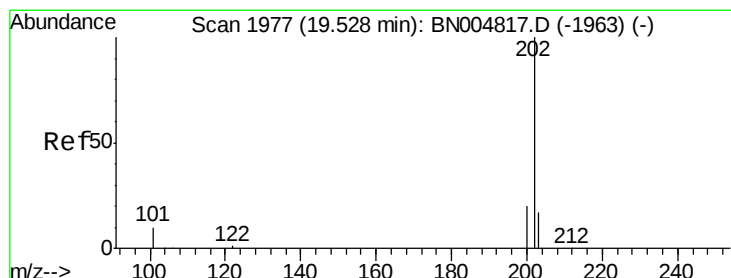
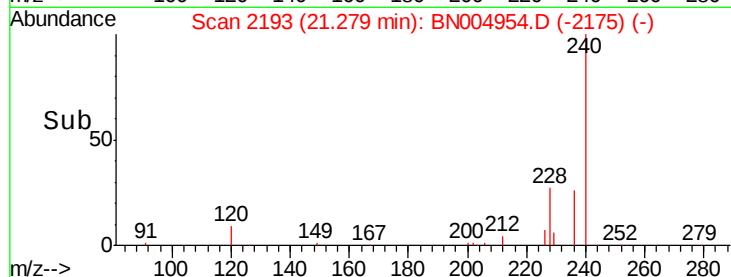
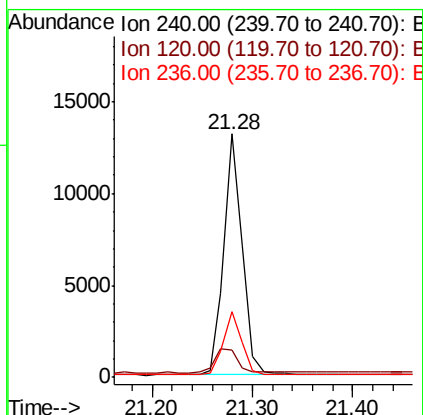
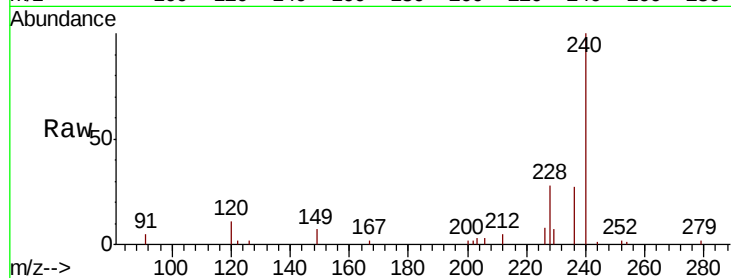




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

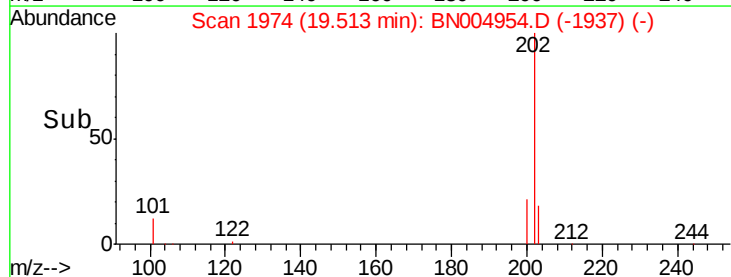
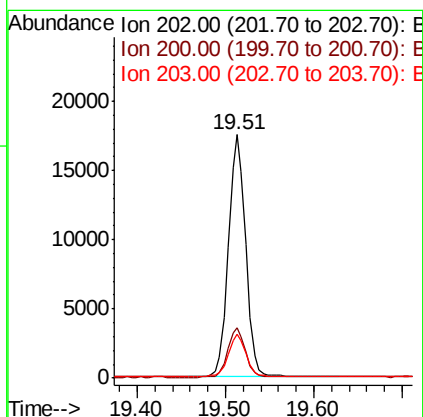
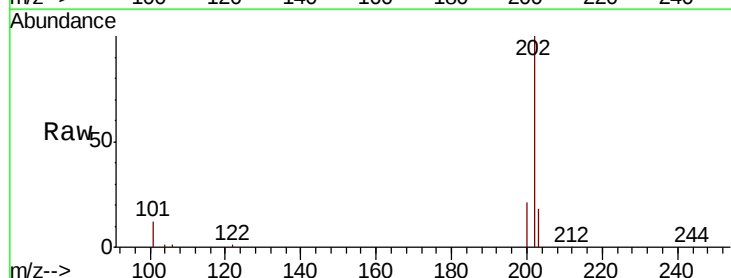
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

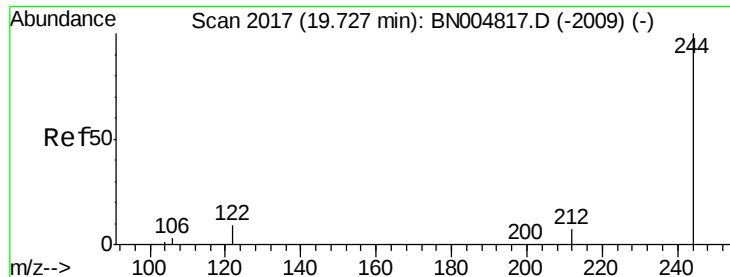
Tgt Ion:240 Resp: 16828
Ion Ratio Lower Upper
240 100
120 11.0 7.2 10.8#
236 27.2 20.9 31.3



#28
Pyrene
Concen: 0.465 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Tgt Ion:202 Resp: 23846
Ion Ratio Lower Upper
202 100
200 20.6 16.3 24.5
203 17.7 14.0 21.0





#29

Terphenyl-d14

Concen: 0.485 ng

RT: 19.71 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

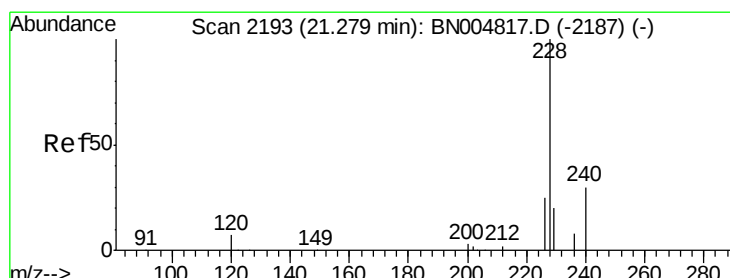
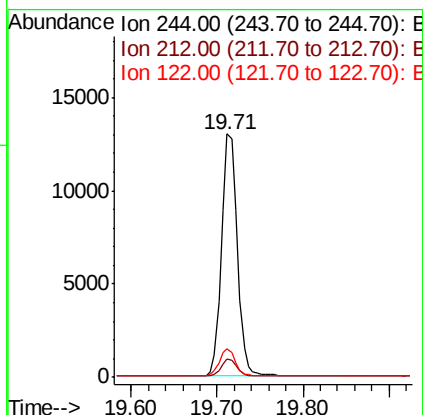
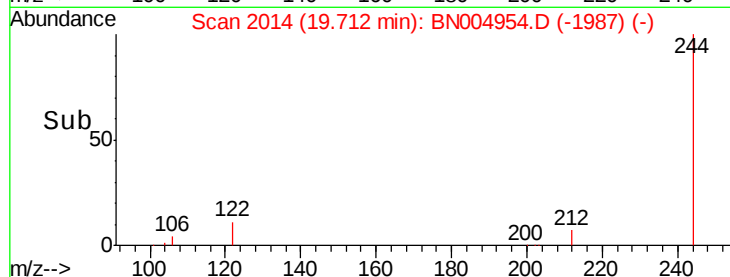
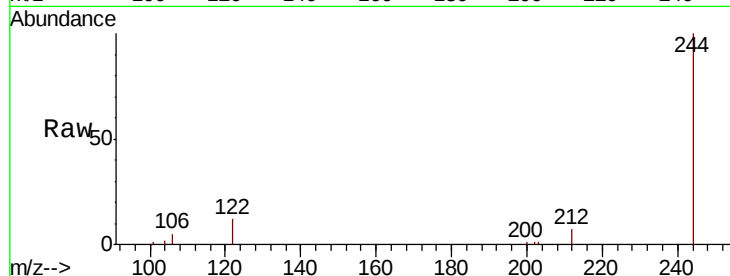
Tgt Ion:244 Resp: 16695

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 12.0 7.9 11.9#



#30

Benzo(a)anthracene

Concen: 0.436 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

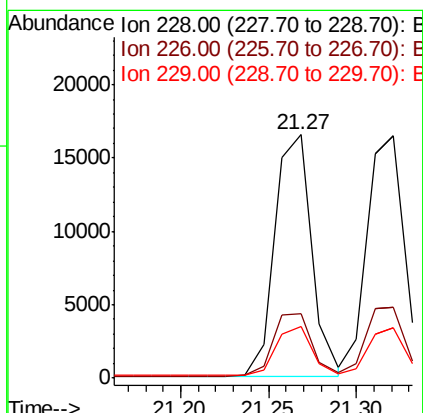
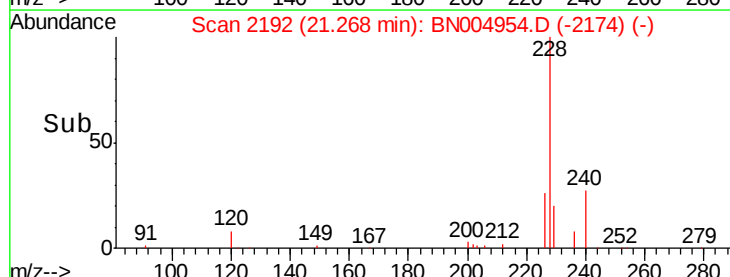
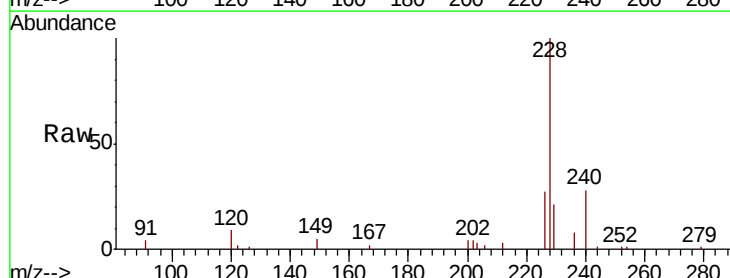
Tgt Ion:228 Resp: 24067

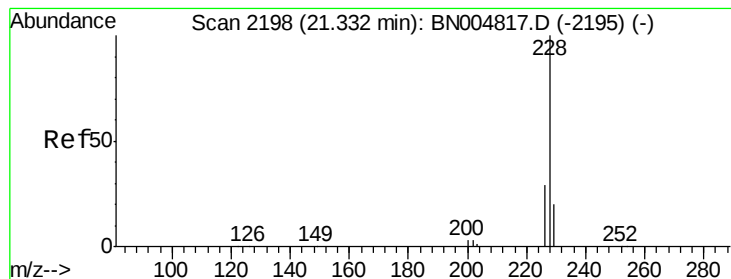
Ion Ratio Lower Upper

228 100

226 26.7 20.6 31.0

229 21.0 16.2 24.4





#31

Chrysene

Concen: 0.420 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

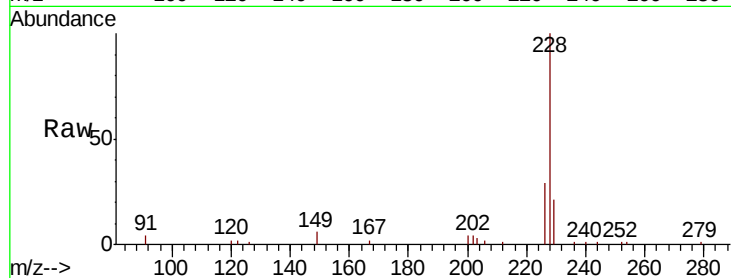
Tgt Ion: 228 Resp: 24385

Ion Ratio Lower Upper

228 100

226 29.4 23.0 34.6

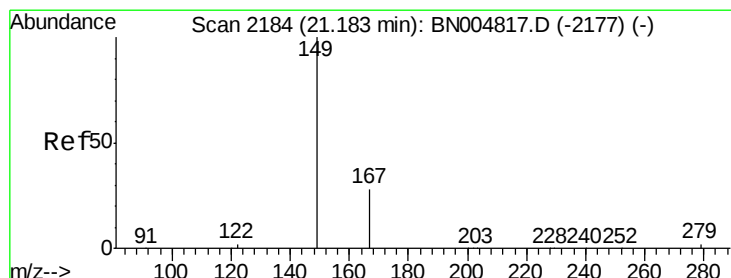
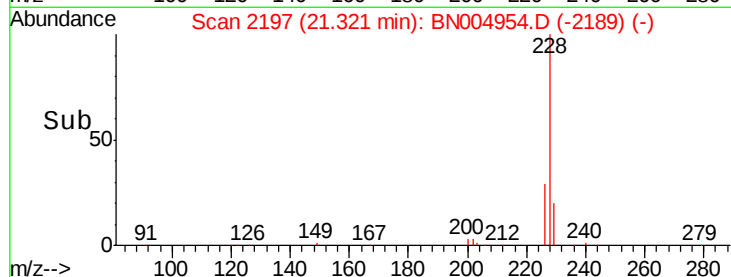
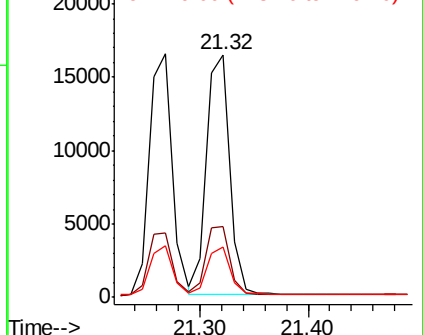
229 21.0 16.2 24.2



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: 0.729 ng

RT: 21.17 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

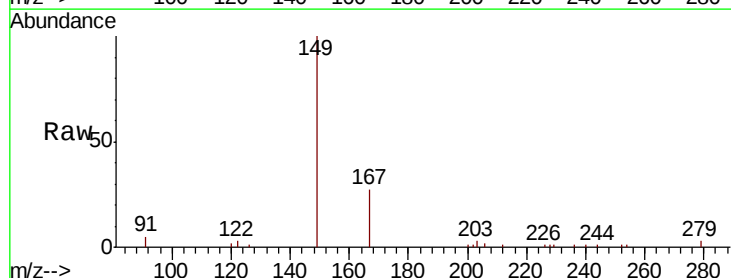
Tgt Ion: 149 Resp: 16083

Ion Ratio Lower Upper

149 100

167 28.0 23.0 34.4

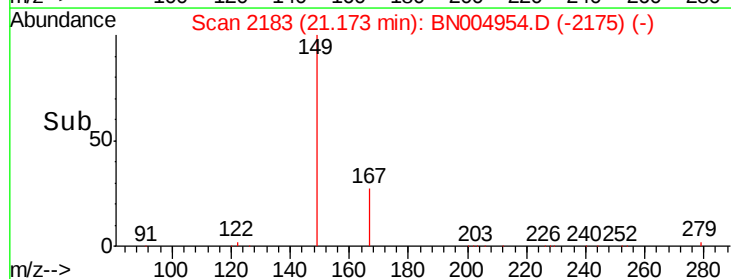
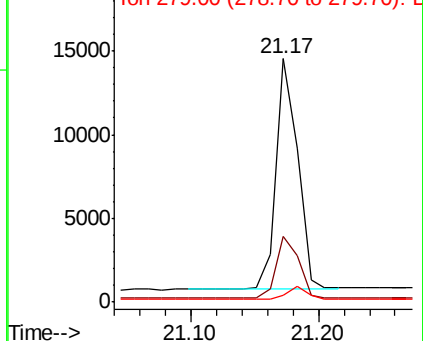
279 5.2 4.6 6.8

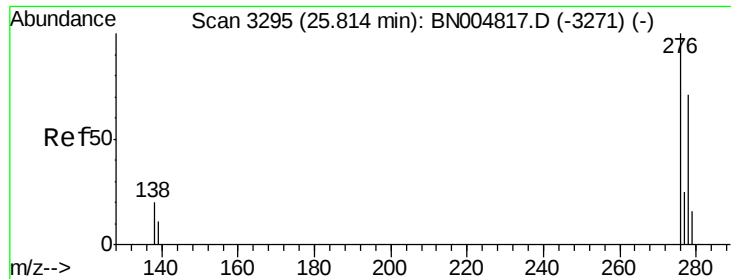


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.382 ng

RT: 25.80 min Scan# 3290

Delta R.T. -0.02 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

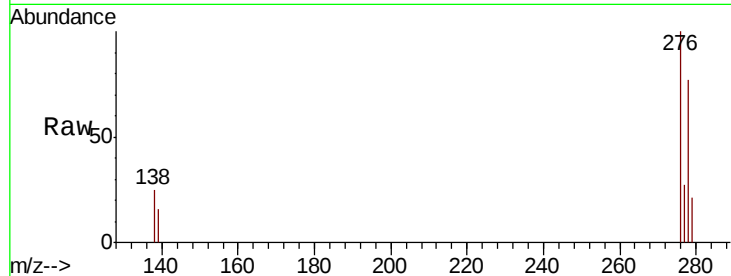
Tgt Ion:276 Resp: 32112

Ion Ratio Lower Upper

276 100

138 23.2 16.6 24.8

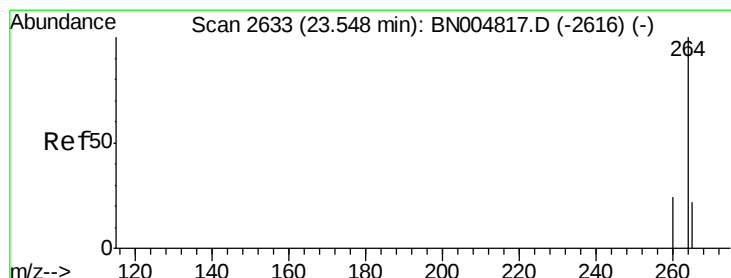
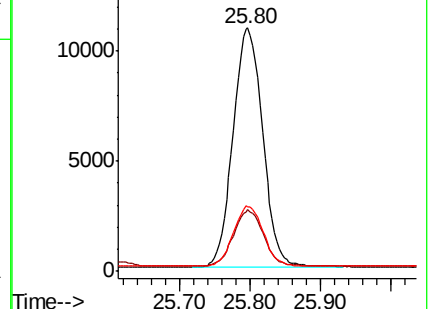
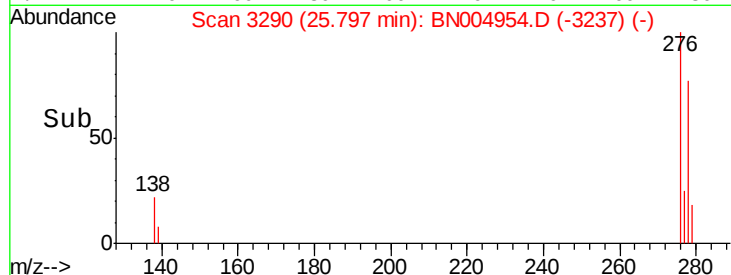
277 25.3 20.3 30.5



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# 2628

Delta R.T. -0.02 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

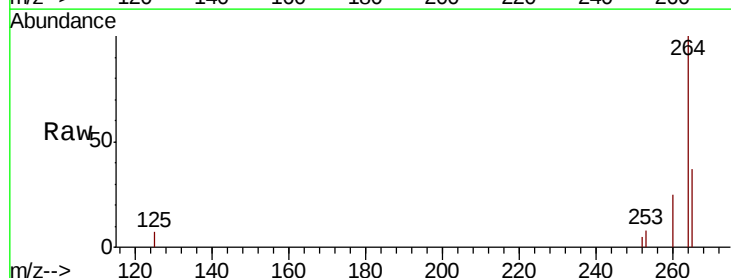
Tgt Ion:264 Resp: 18032

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

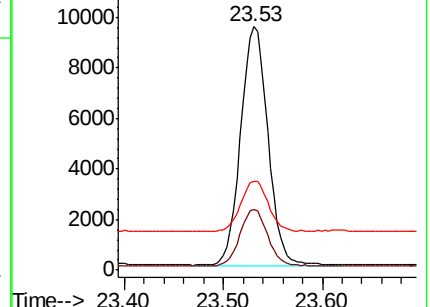
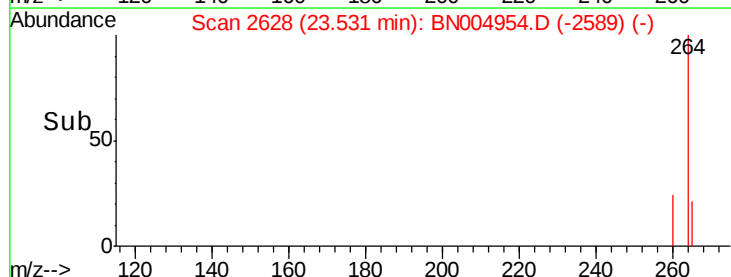
265 36.7 23.1 34.7#

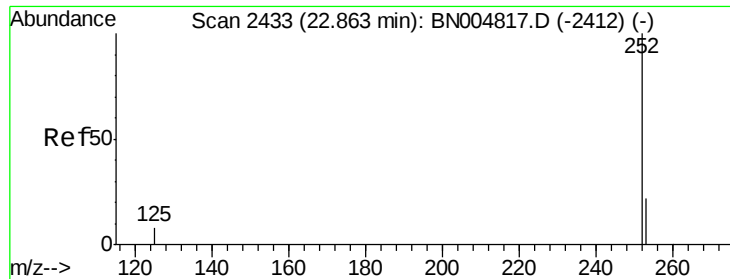


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.412 ng

RT: 22.85 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

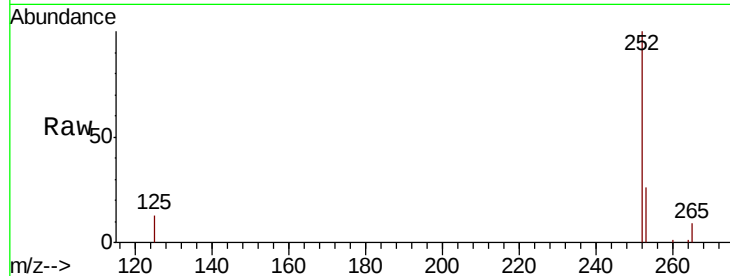
Tgt Ion:252 Resp: 26869

Ion Ratio Lower Upper

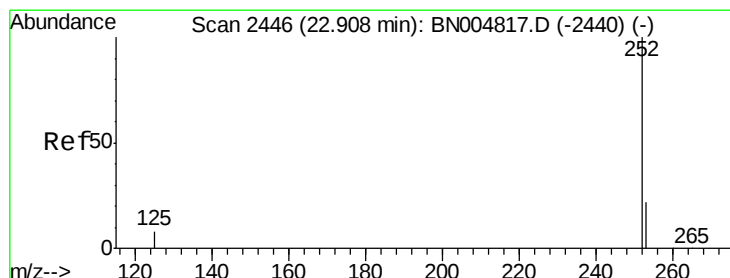
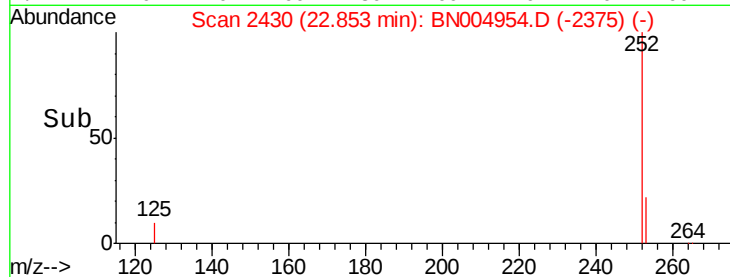
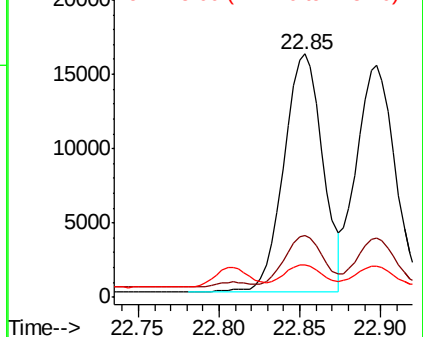
252 100

253 25.5 19.0 28.4

125 13.5 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: 0.399 ng

RT: 22.90 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

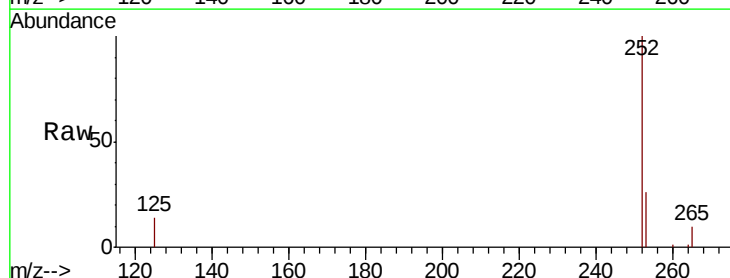
Tgt Ion:252 Resp: 25606

Ion Ratio Lower Upper

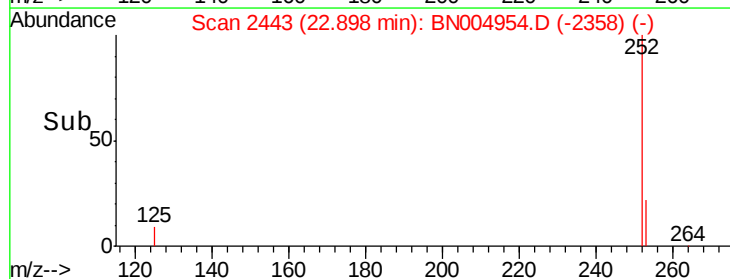
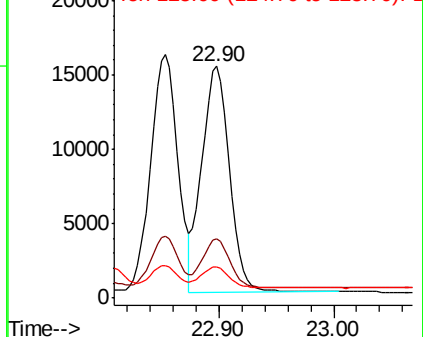
252 100

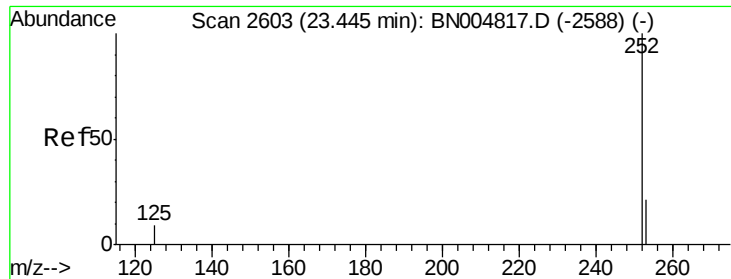
253 25.7 19.3 28.9

125 13.5 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: 0.400 ng

RT: 23.43 min Scan# 2599

Delta R.T. -0.01 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

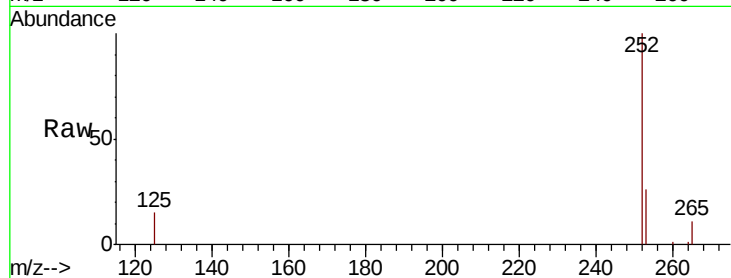
Tgt Ion:252 Resp: 23946

Ion Ratio Lower Upper

252 100

253 26.4 19.7 29.5

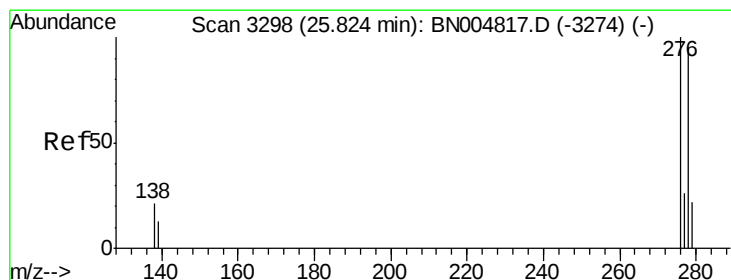
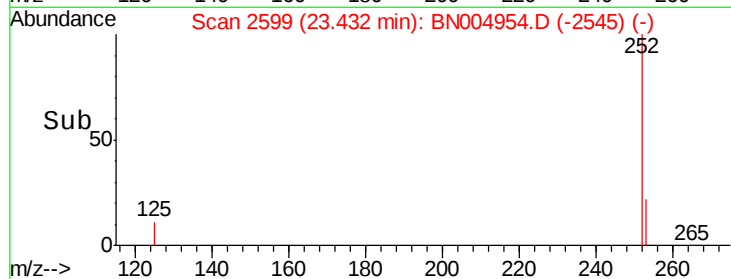
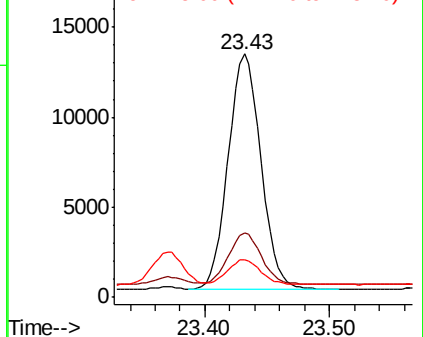
125 15.4 8.3 12.5#



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: 0.378 ng

RT: 25.81 min Scan# 3293

Delta R.T. -0.02 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

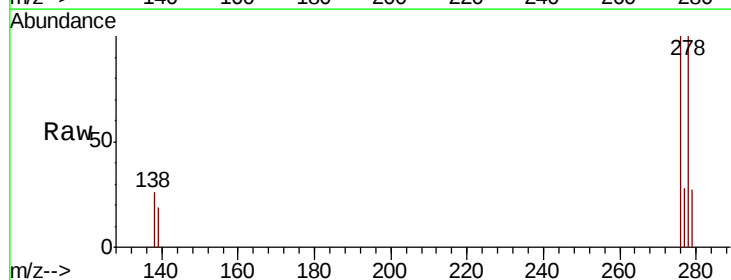
Tgt Ion:278 Resp: 26213

Ion Ratio Lower Upper

278 100

139 19.1 11.7 17.5#

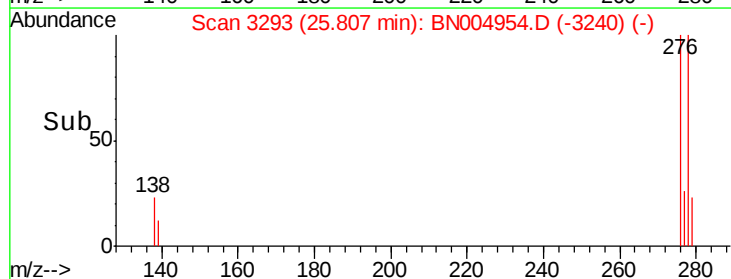
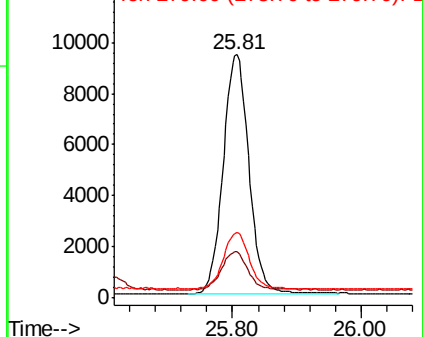
279 27.0 19.9 29.9

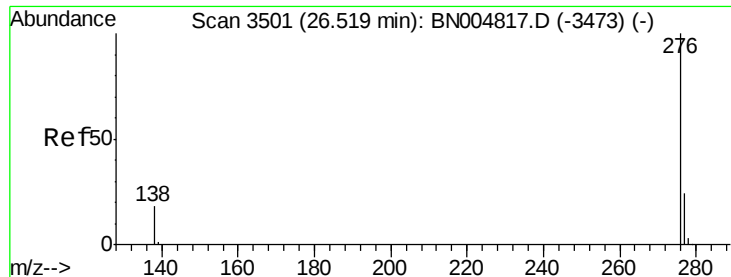


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.373 ng

RT: 26.49 min Scan# 3493

Delta R.T. -0.03 min

Lab File: BN004954.D

Acq: 25 Mar 2019 11:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

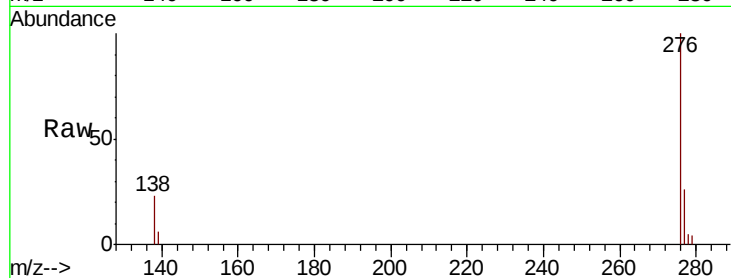
Tgt Ion: 276 Resp: 26316

Ion Ratio Lower Upper

276 100

277 25.8 19.7 29.5

138 22.7 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

