

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004872.D
 Acq On : 22 Mar 2019 04:13
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 22 04:52:30 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	2060	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	9777	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	6236	0.40	ng	-0.01
19) Phenanthrene-d10	17.09	188	15303	0.40	ng	0.00
27) Chrysene-d12	21.29	240	20052	0.40	ng	0.00
34) Perylene-d12	23.54	264	22267	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	2189	0.39	ng	0.00
5) Phenol-d6	6.88	99	2896	0.42	ng	0.00
8) Nitrobenzene-d5	8.86	82	2407	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	6859	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1462	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	10586	0.41	ng	0.00
25) Fluoranthene-d10	19.13	212	19738	0.39	ng	0.00
29) Terphenyl-d14	19.73	244	16533	0.40	ng	0.00

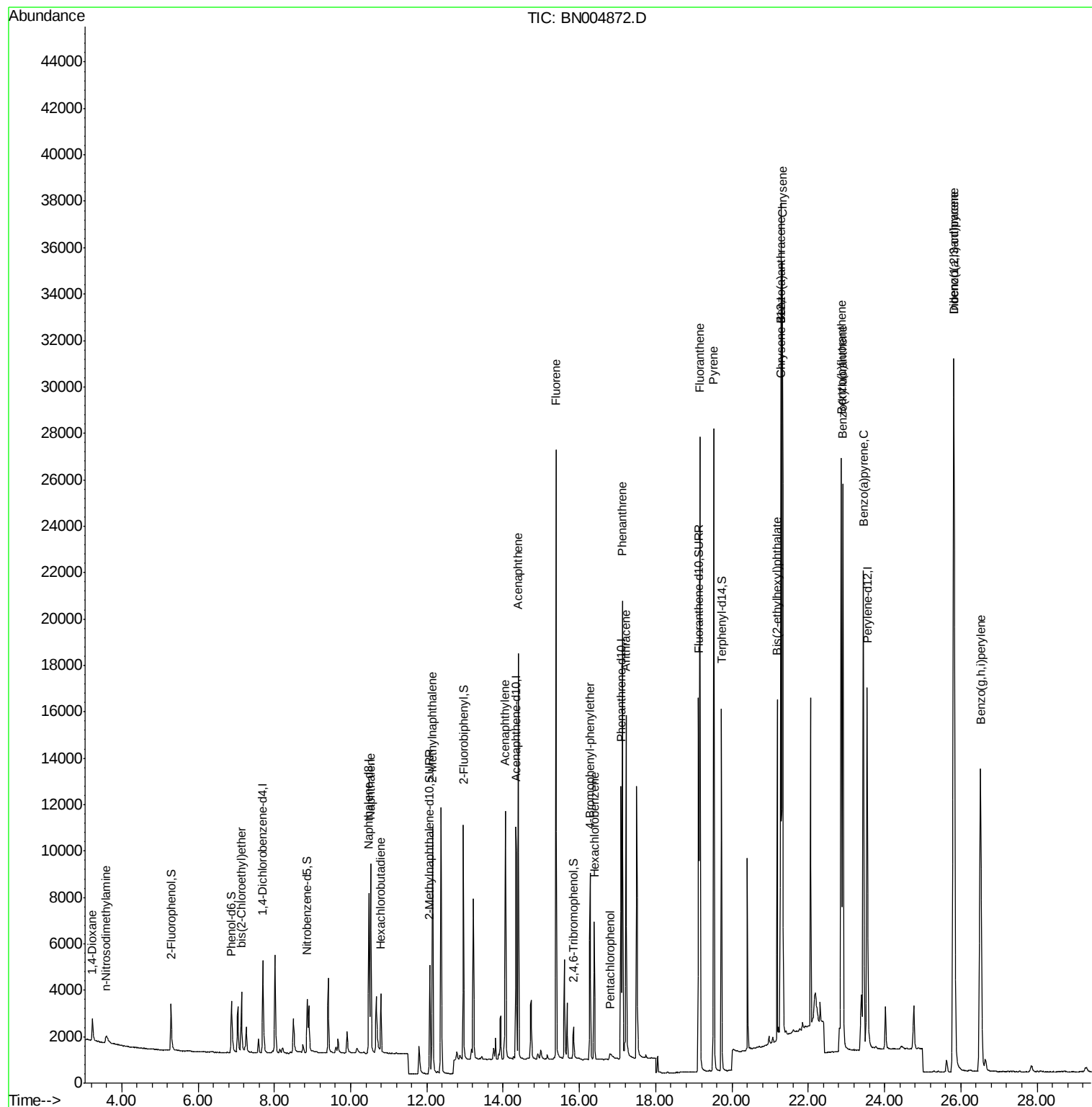
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	839	0.358	ng	98
3) n-Nitrosodimethylamine	3.59	42	404	0.292	ng	# 88
6) bis(2-Chloroethyl)ether	7.14	93	2553	0.406	ng	96
9) Naphthalene	10.53	128	11073	0.404	ng	99
10) Hexachlorobutadiene	10.80	225	2070	0.396	ng	# 99
12) 2-Methylnaphthalene	12.15	142	8302	0.408	ng	100
16) Acenaphthylene	14.05	152	13018	0.405	ng	100
17) Acenaphthene	14.40	154	8598	0.409	ng	100
18) Fluorene	15.39	166	11669	0.397	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	3959	0.396	ng	93
21) Hexachlorobenzene	16.39	284	4575	0.400	ng	97
22) Pentachlorophenol	16.80	266	173	0.077	ng	91
23) Phenanthrene	17.13	178	20167	0.408	ng	99
24) Anthracene	17.23	178	17633	0.400	ng	100
26) Fluoranthene	19.16	202	25053	0.395	ng	100
28) Pyrene	19.52	202	25619	0.419	ng	100
30) Benzo(a)anthracene	21.27	228	27019	0.411	ng	97
31) Chrysene	21.32	228	29027	0.419	ng	98
32) Bis(2-ethylhexyl)phthalate	21.18	149	11807	0.449	ng	100
33) Indeno(1,2,3-cd)pyrene	25.81	276	37761	0.377	ng	99
35) Benzo(b)fluoranthene	22.86	252	32719	0.406	ng	100
36) Benzo(k)fluoranthene	22.91	252	31993	0.404	ng	99
37) Benzo(a)pyrene	23.45	252	29743	0.403	ng	99
38) Dibenzo(a,h)anthracene	25.82	278	31021	0.362	ng	99
39) Benzo(g,h,i)perylene	26.52	276	30475	0.349	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 580

Delta R.T. -0.00 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

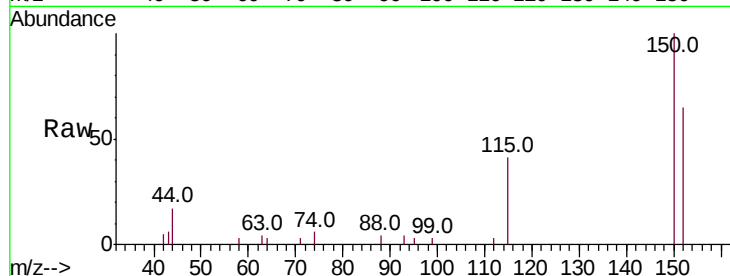
Tot Ion:152 Resp: 2060

Ion Ratio Lower Upper

152 100

150 154.1 126.2 189.4

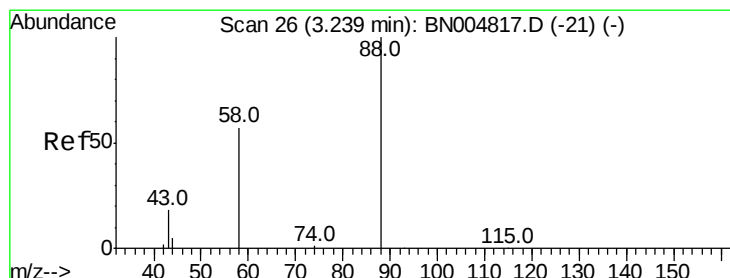
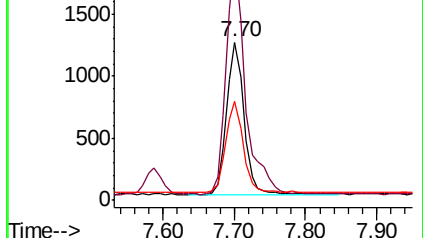
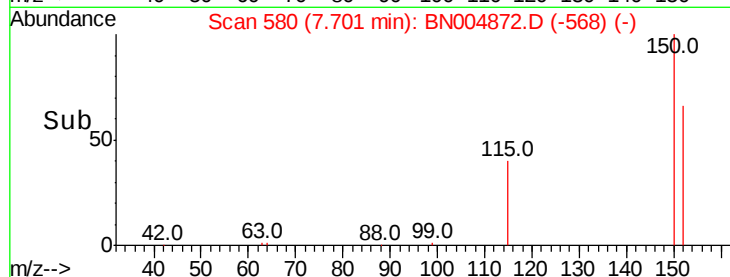
115 62.8 52.6 79.0



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: 0.358 ng

RT: 3.24 min Scan# 26

Delta R.T. -0.00 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

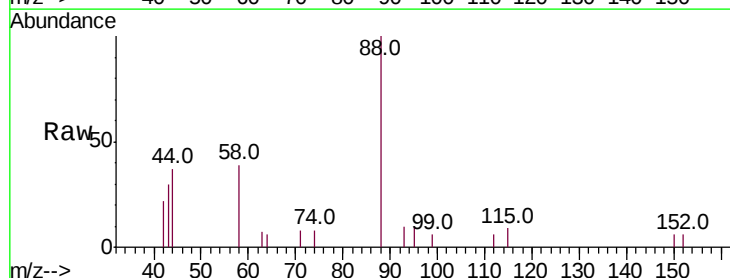
Tgt Ion: 88 Resp: 839

Ion Ratio Lower Upper

88 100

58 66.3 51.4 77.2

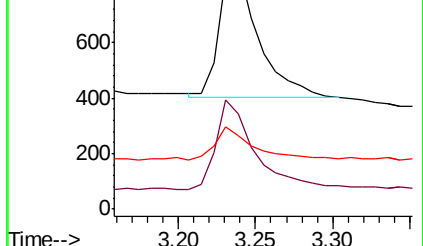
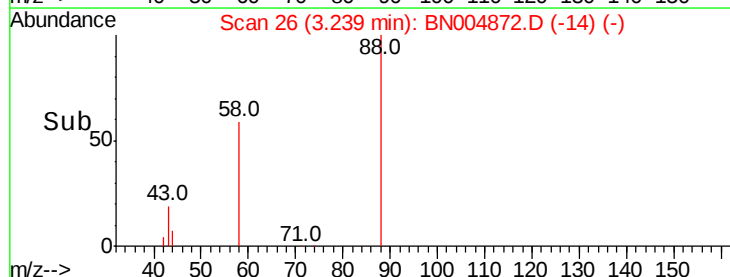
43 24.8 20.0 30.0



Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.292 ng

RT: 3.59 min Scan# 69

Delta R.T. 0.01 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

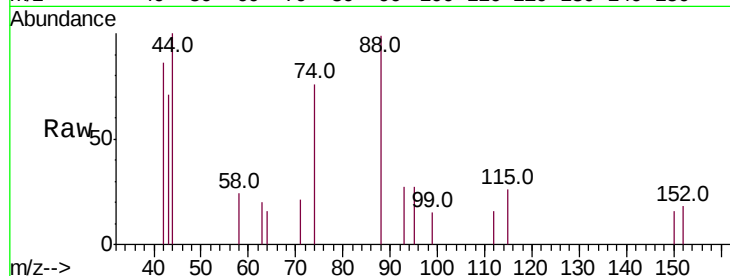
Tot Ion: 42 Resp: 404

Ion Ratio Lower Upper

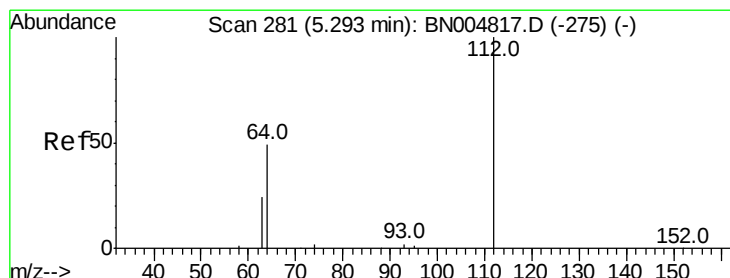
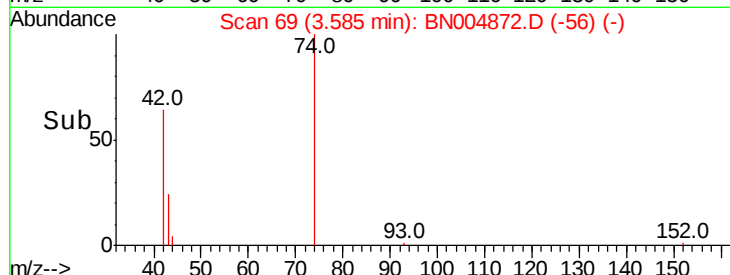
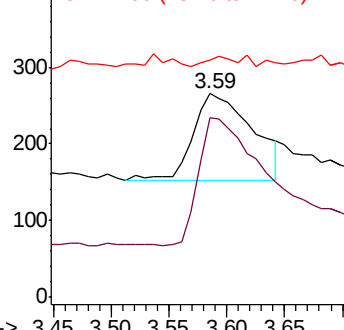
42 100

74 144.1 128.4 192.6

44 4.7 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: 0.391 ng

RT: 5.29 min Scan# 281

Delta R.T. -0.00 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

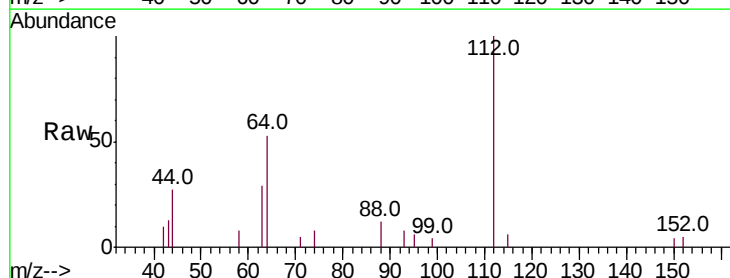
Tgt Ion: 112 Resp: 2189

Ion Ratio Lower Upper

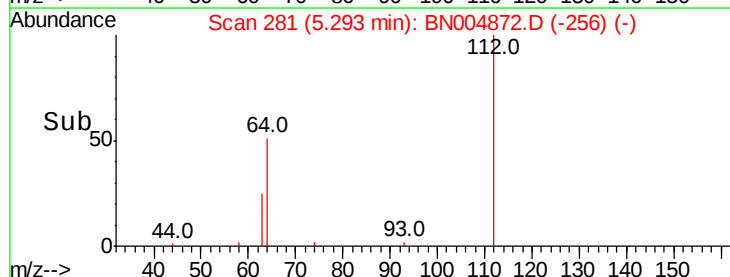
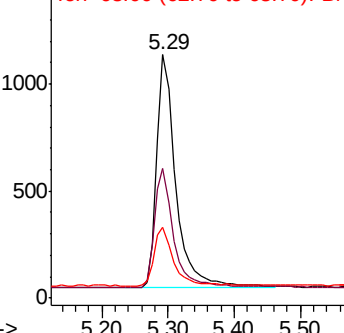
112 100

64 50.9 40.0 60.0

63 25.0 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: 0.415 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

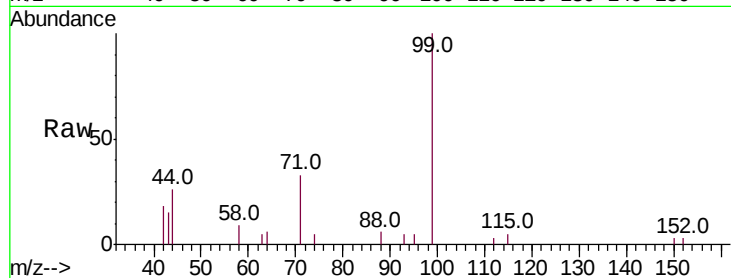
Tot Ion: 99 Resp: 2896

Ion Ratio Lower Upper

99 100

42 13.8 12.7 19.1

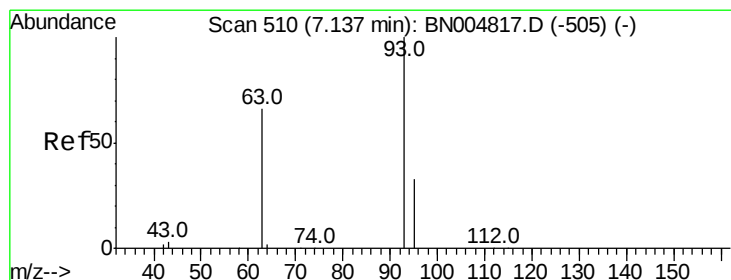
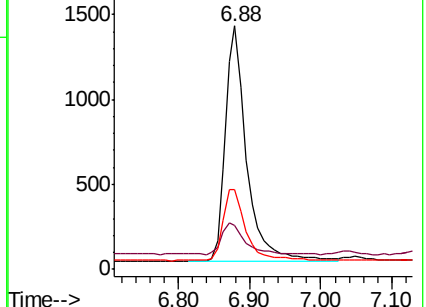
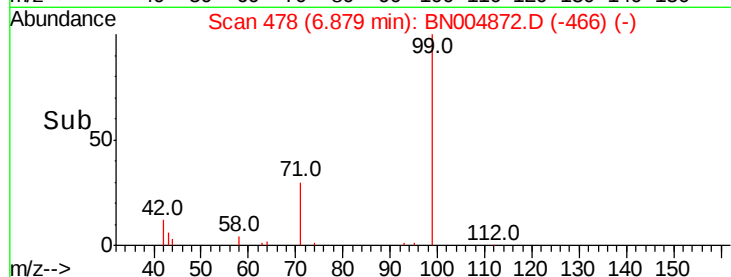
71 31.8 26.6 40.0



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: 0.406 ng

RT: 7.14 min Scan# 510

Delta R.T. -0.00 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

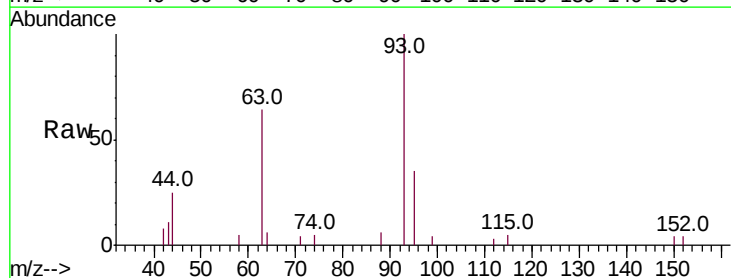
Tgt Ion: 93 Resp: 2553

Ion Ratio Lower Upper

93 100

63 62.0 52.6 78.8

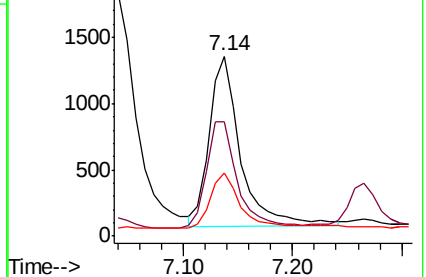
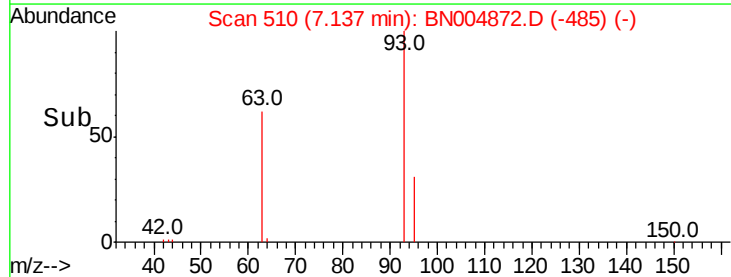
95 31.0 25.9 38.9

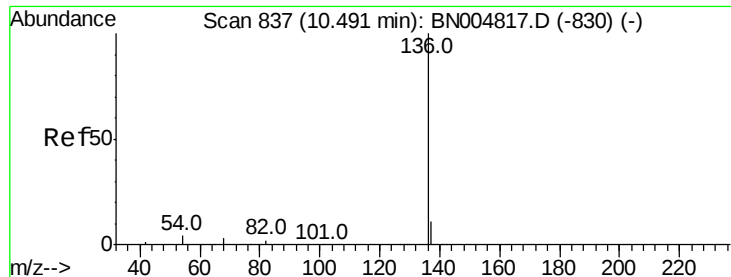


Abundance Ion 93.00 (92.70 to 93.70): BN004817.D (-505) (-)

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: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 9777

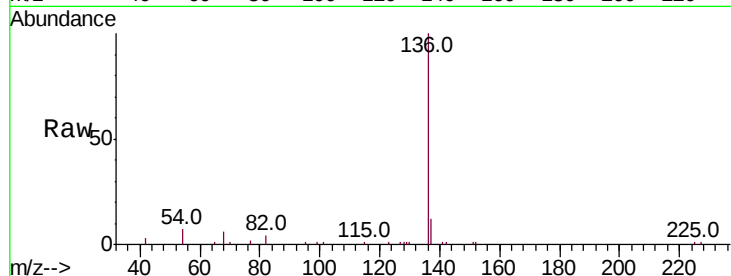
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 7.0 4.2 6.2#

68 5.8 3.9 5.9

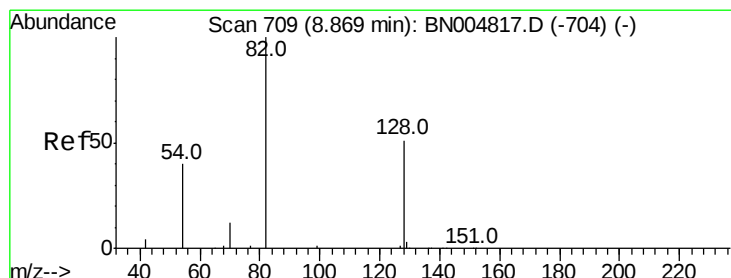
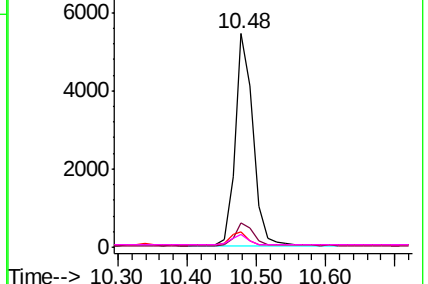
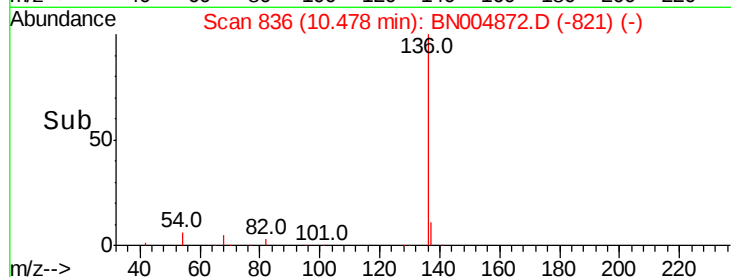


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.372 ng

RT: 8.86 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

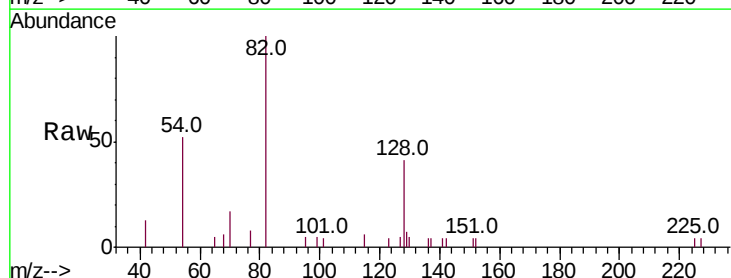
Tgt Ion: 82 Resp: 2407

Ion Ratio Lower Upper

82 100

128 41.0 43.0 64.6#

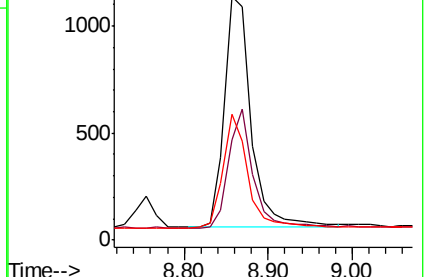
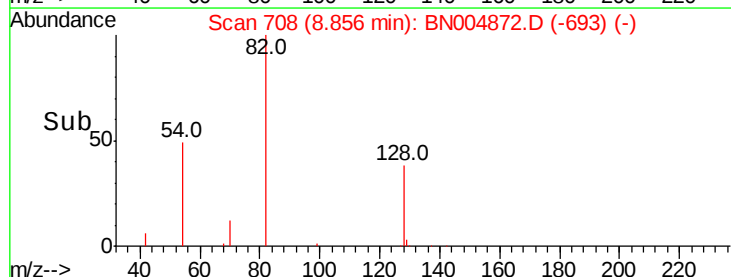
54 51.9 35.3 52.9

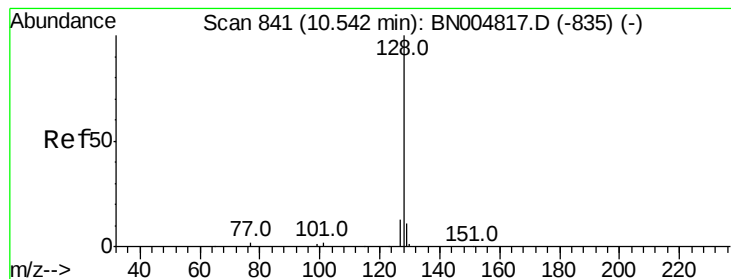


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.404 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

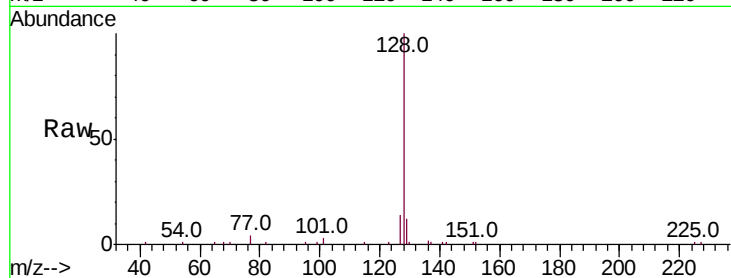
Tot Ion:128 Resp: 11073

Ion Ratio Lower Upper

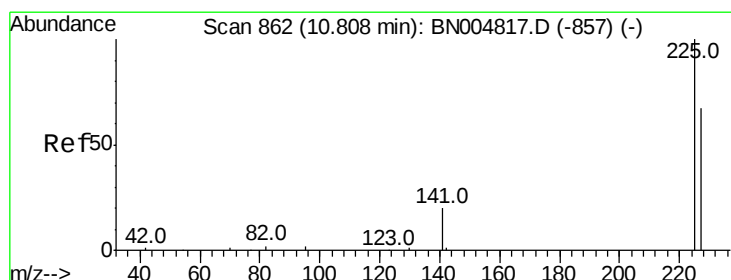
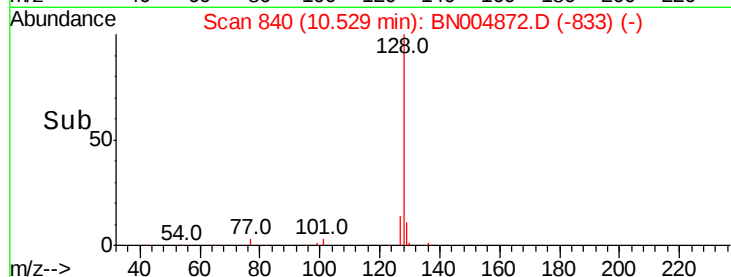
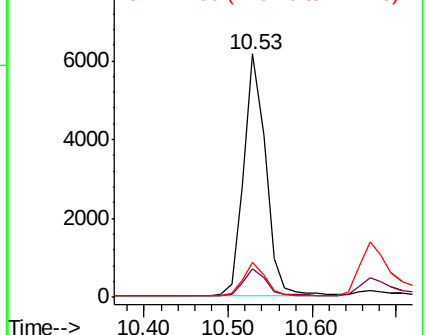
128 100

129 11.8 9.9 14.9

127 14.2 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: 0.396 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.01 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

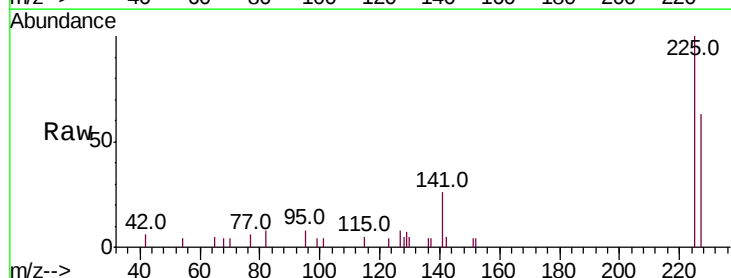
Tgt Ion:225 Resp: 2070

Ion Ratio Lower Upper

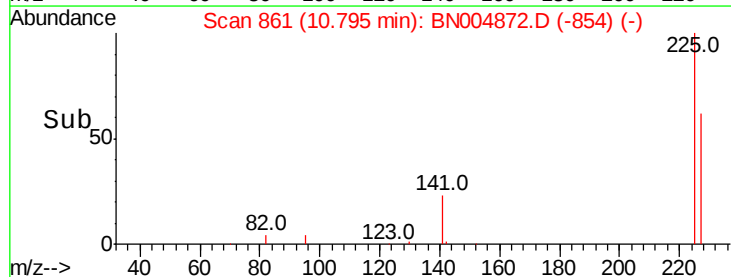
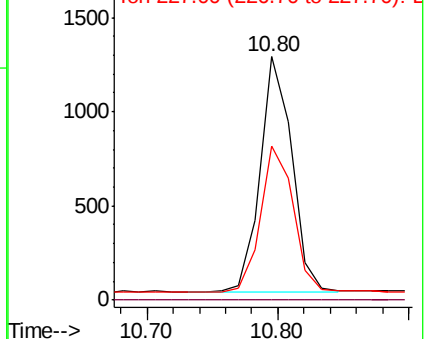
225 100

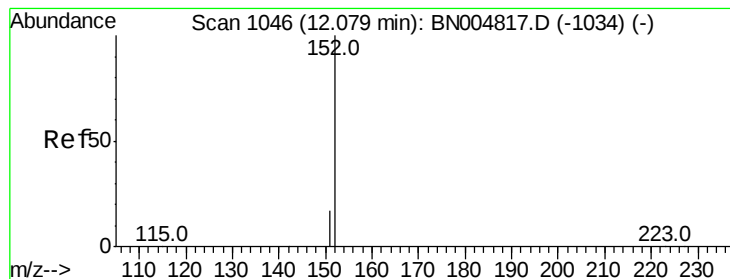
223 0.0 0.0 0.0

227 64.4 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: 0.402 ng

RT: 12.07 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

Instrument :

BNA_N

ClientSampleId :

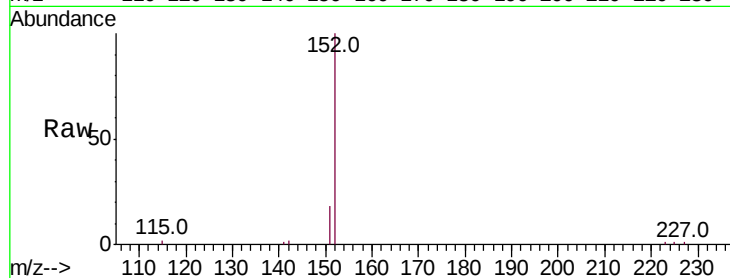
SSTDCCC0.4EC

Tot Ion:152 Resp: 6859

Ion Ratio Lower Upper

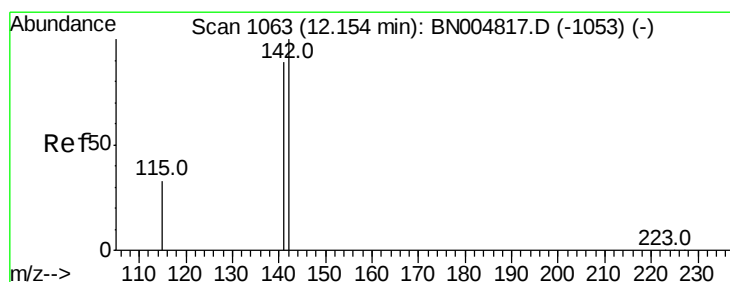
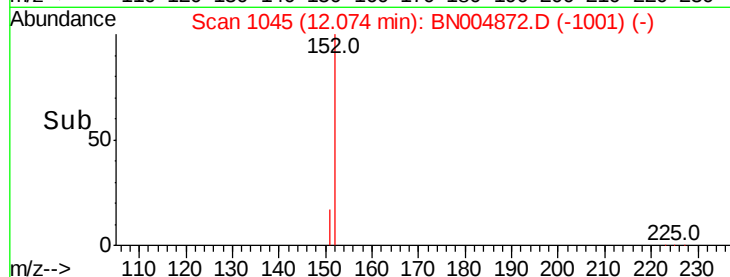
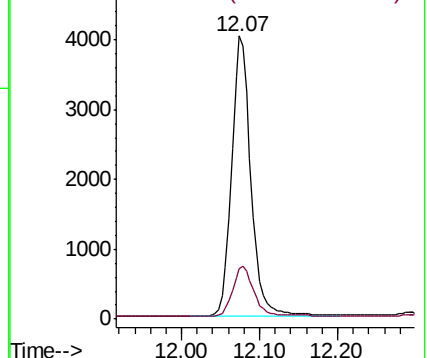
152 100

151 19.2 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.408 ng

RT: 12.15 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

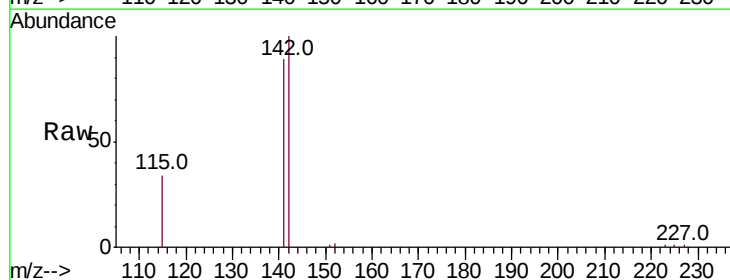
Tgt Ion:142 Resp: 8302

Ion Ratio Lower Upper

142 100

141 89.2 71.4 107.2

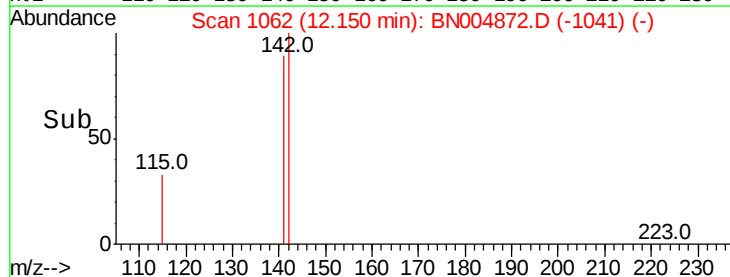
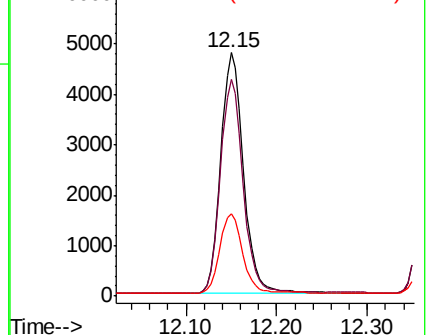
115 33.8 27.5 41.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

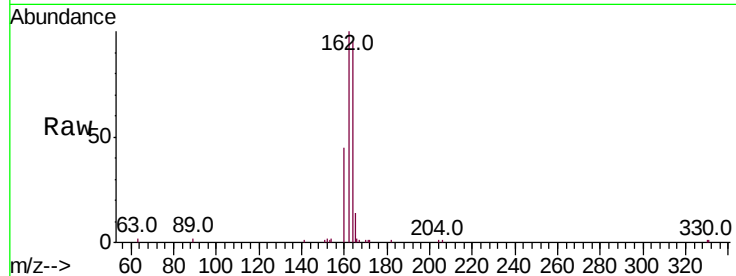
Tot Ion:164 Resp: 6236

Ion Ratio Lower Upper

164 100

162 105.2 81.9 122.9

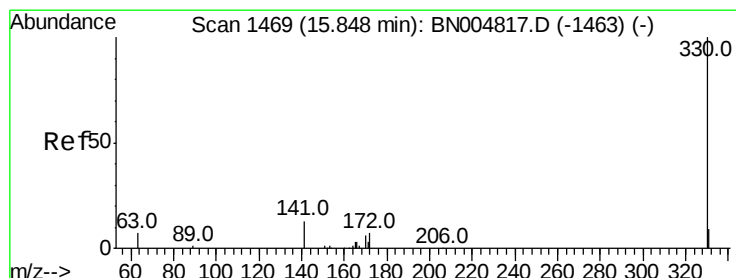
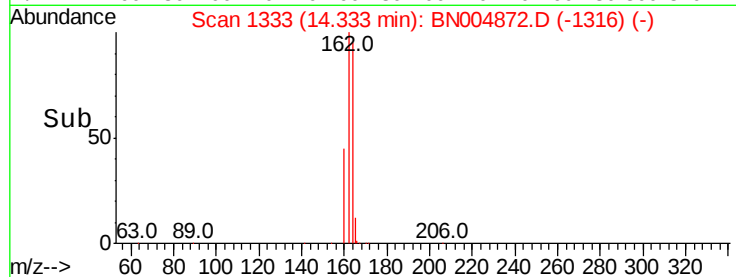
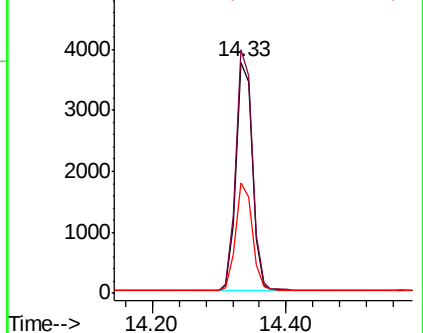
160 47.8 36.6 54.8



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: 0.339 ng

RT: 15.85 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

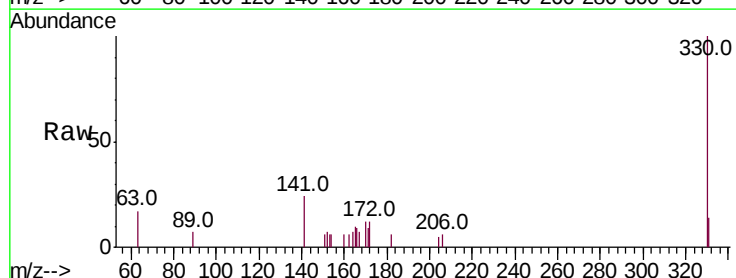
Tgt Ion:330 Resp: 1462

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

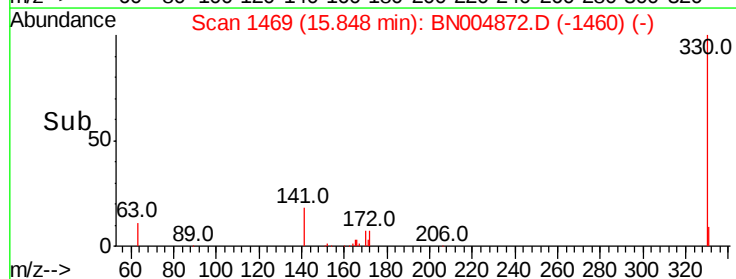
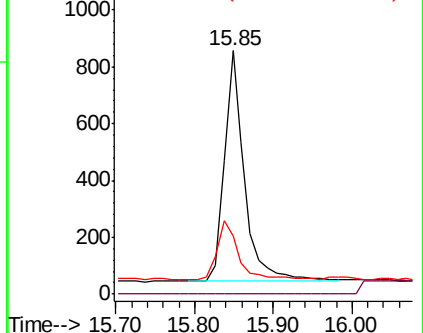
141 27.2 20.9 31.3



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

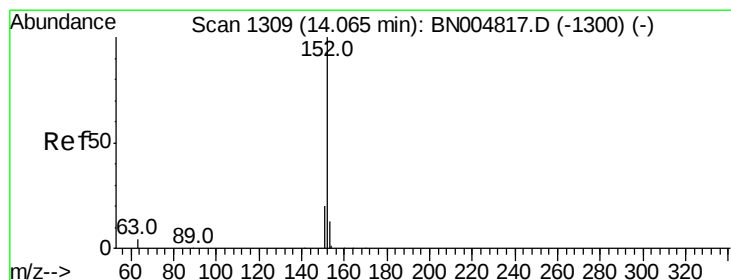
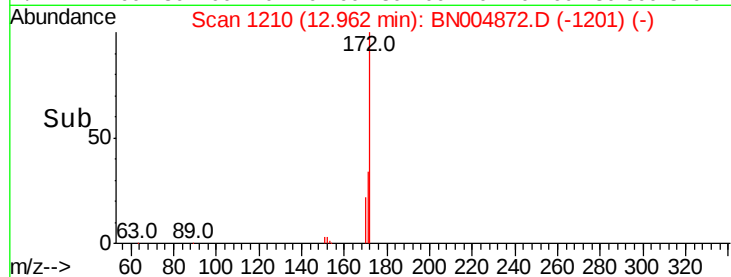
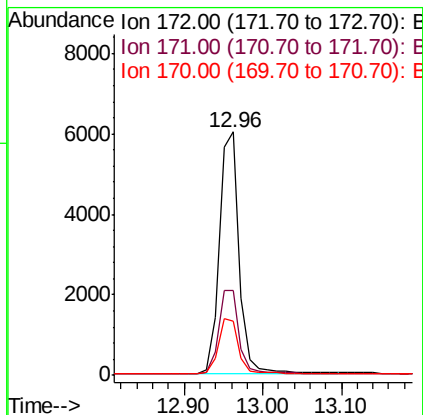
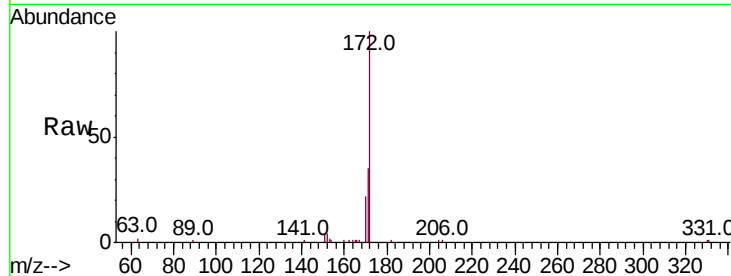




#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004872.D
Acq: 22 Mar 2019 04:13

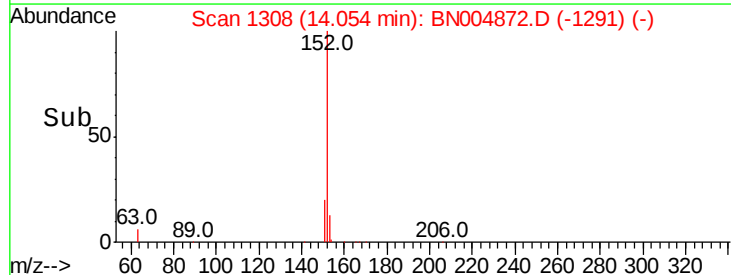
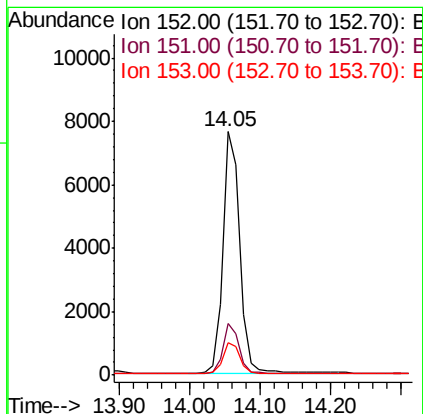
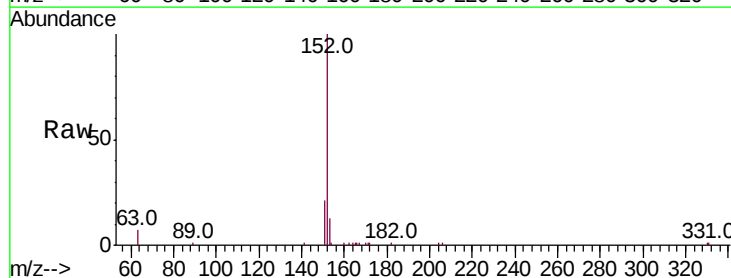
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 10586
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 22.2 18.7 28.1



#16
Acenaphthylene
Concen: 0.405 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004872.D
Acq: 22 Mar 2019 04:13

Tgt Ion:152 Resp: 13018
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.409 ng

RT: 14.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

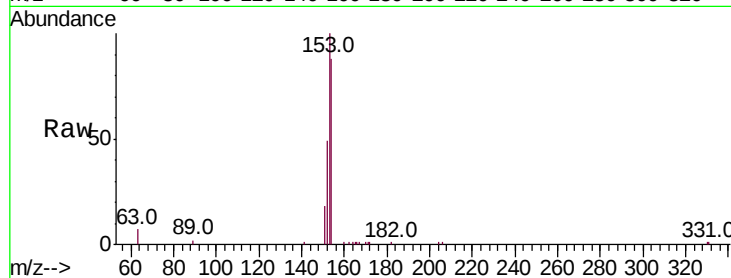
Tot Ion:154 Resp: 8598

Ion Ratio Lower Upper

154 100

153 113.9 91.4 137.2

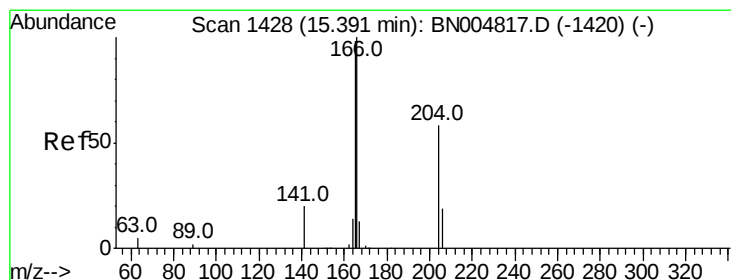
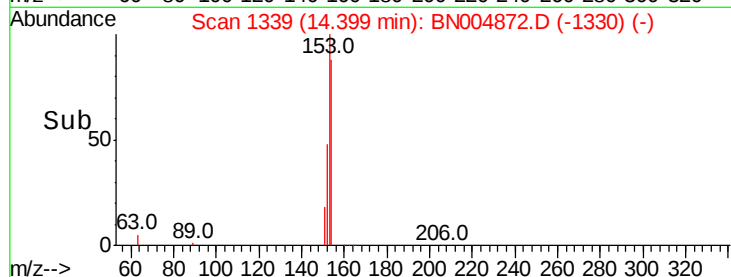
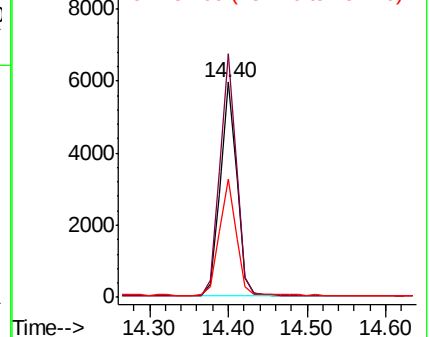
152 55.3 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.397 ng

RT: 15.39 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

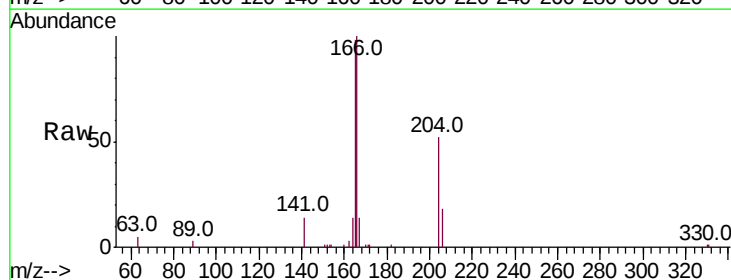
Tgt Ion:166 Resp: 11669

Ion Ratio Lower Upper

166 100

165 98.5 78.2 117.4

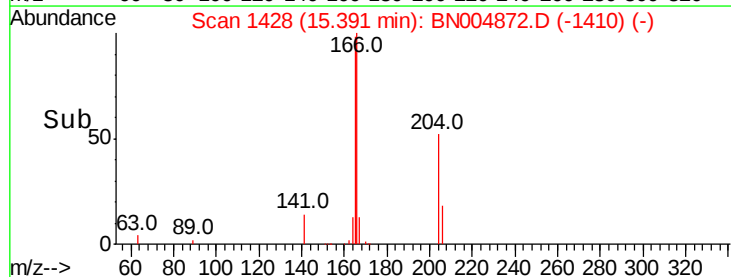
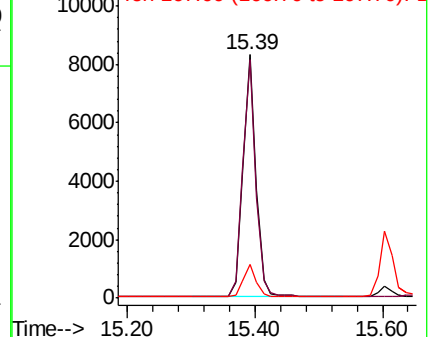
167 13.6 11.0 16.4

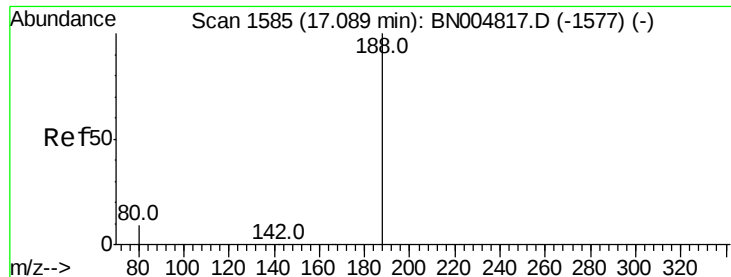


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN004872.D

Acq: 22 Mar 2019 04:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

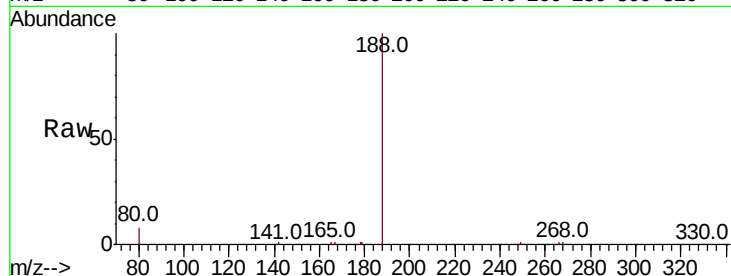
Tot Ion:188 Resp: 15303

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

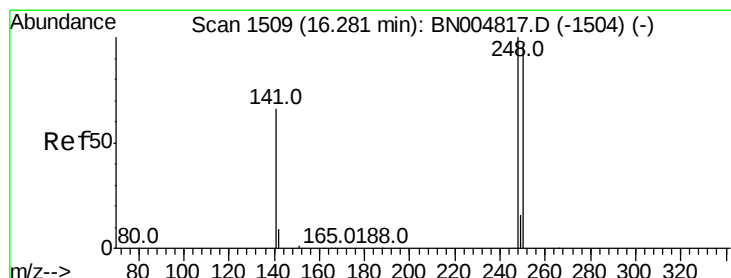
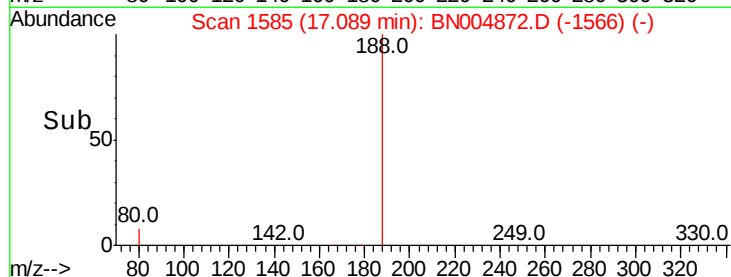
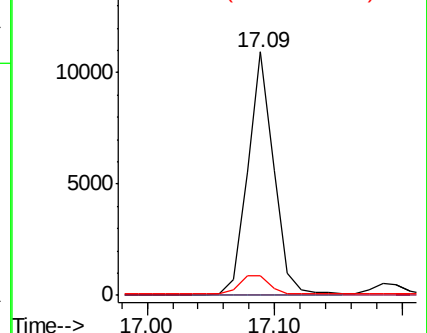
80 8.0 7.4 11.2



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: 0.396 ng

RT: 16.28 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

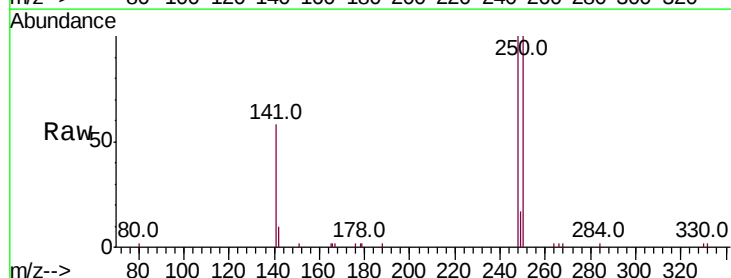
Tgt Ion:248 Resp: 3959

Ion Ratio Lower Upper

248 100

250 99.8 76.2 114.4

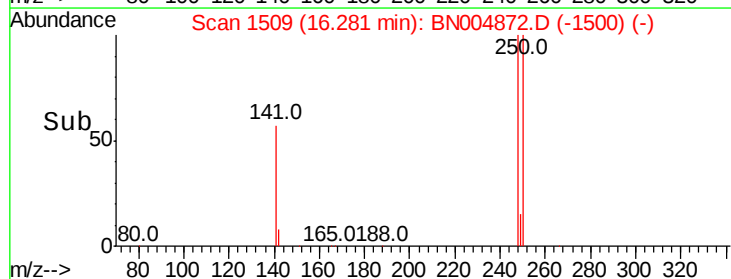
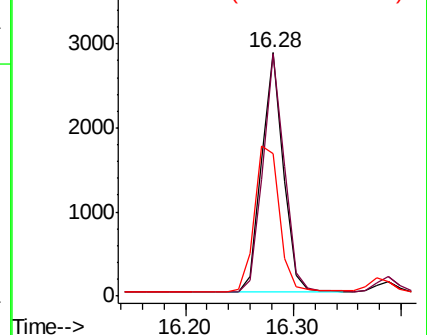
141 58.3 53.9 80.9

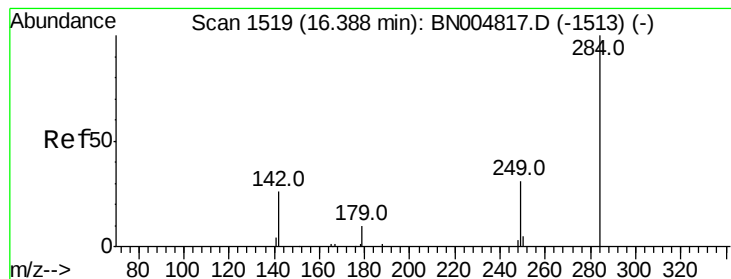


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.400 ng

RT: 16.39 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

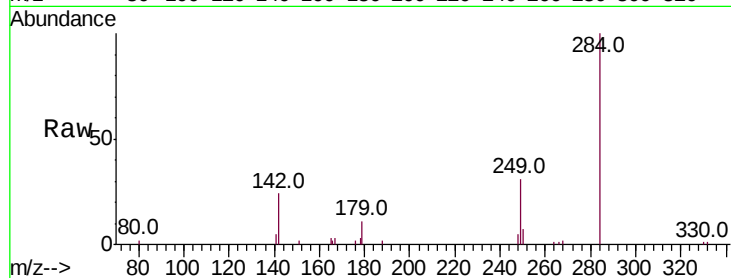
Tot Ion:284 Resp: 4575

Ion Ratio Lower Upper

284 100

142 30.1 22.6 34.0

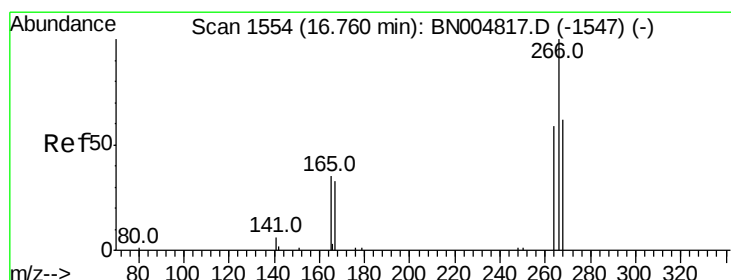
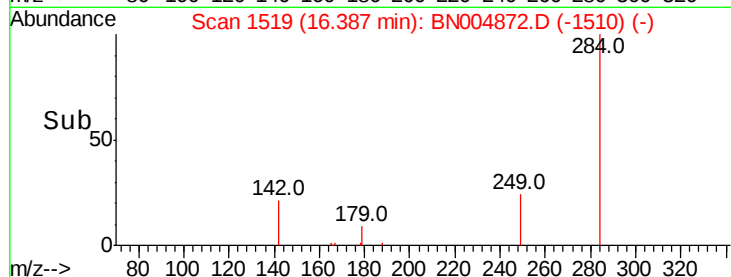
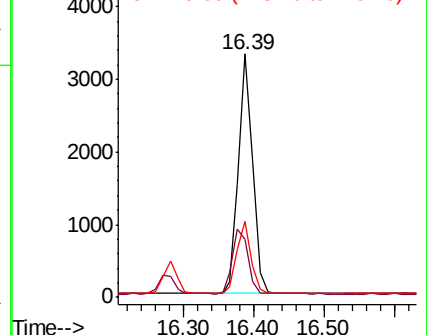
249 29.7 22.5 33.7



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: 0.077 ng

RT: 16.80 min Scan# 1558

Delta R.T. 0.04 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

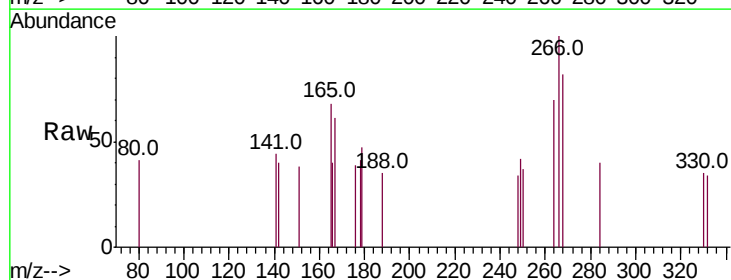
Tgt Ion:266 Resp: 173

Ion Ratio Lower Upper

266 100

264 70.2 53.1 79.7

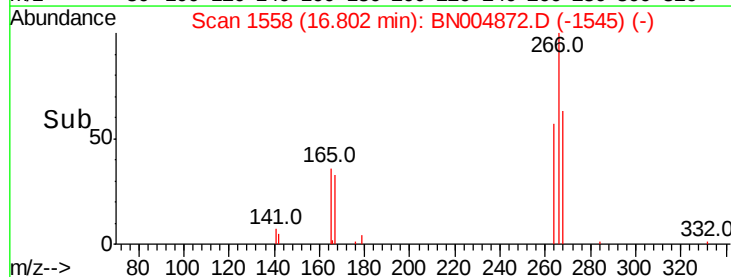
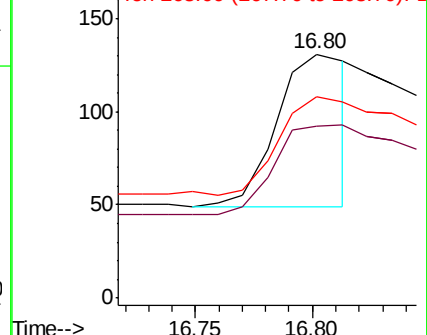
268 82.4 57.7 86.5

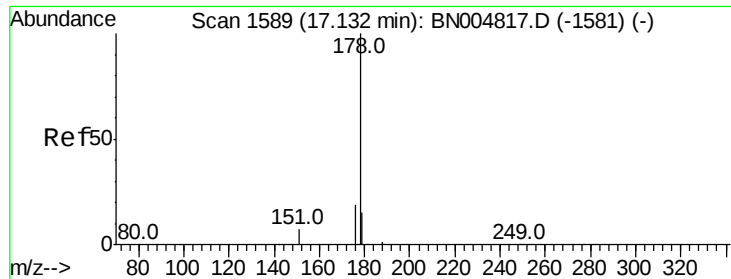


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.408 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

Instrument :

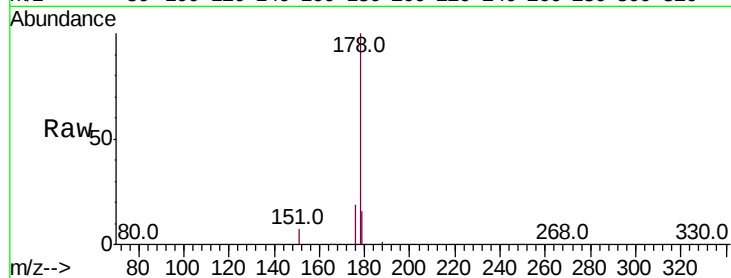
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:178 Resp: 20167

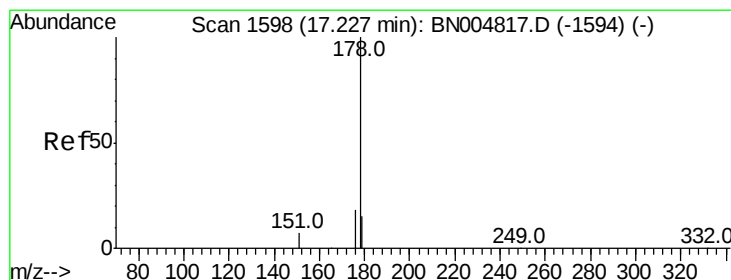
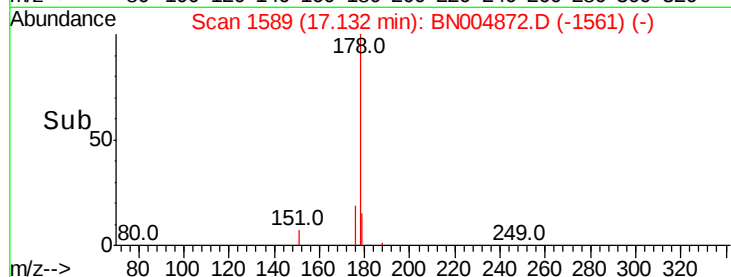
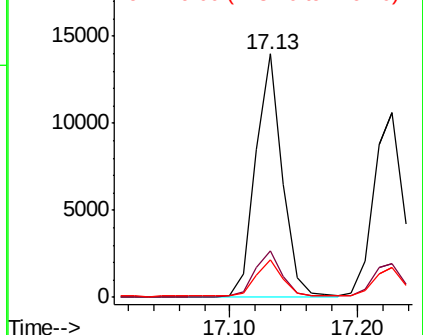
Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.3	12.1	18.1



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: 0.400 ng

RT: 17.23 min Scan# 1598

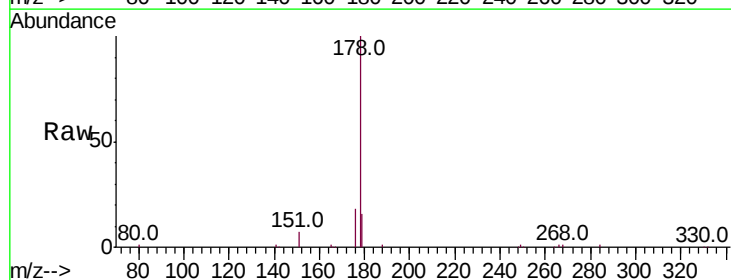
Delta R.T. -0.00 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

Tgt Ion:178 Resp: 17633

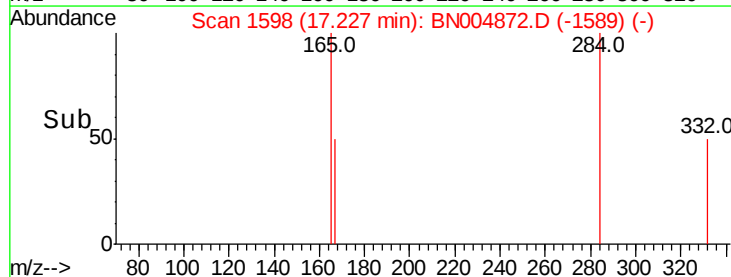
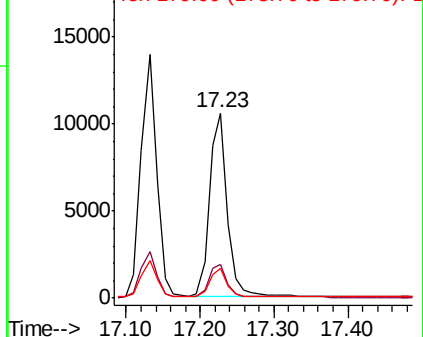
Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.2	12.2	18.4

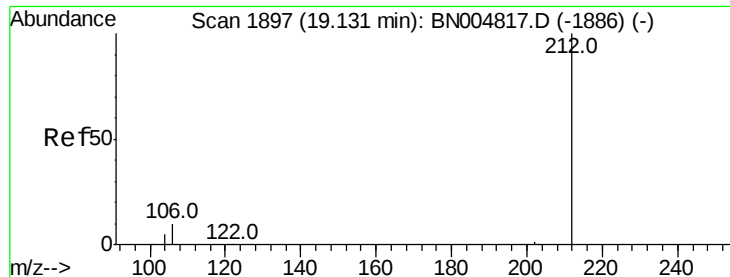


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

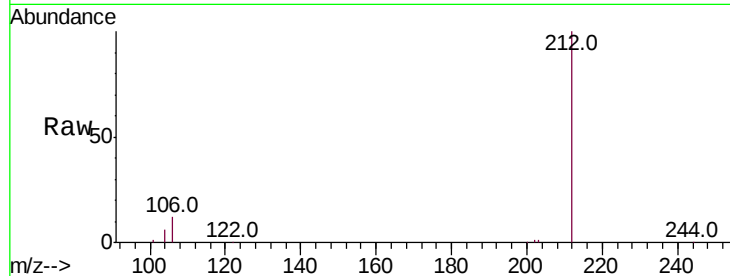




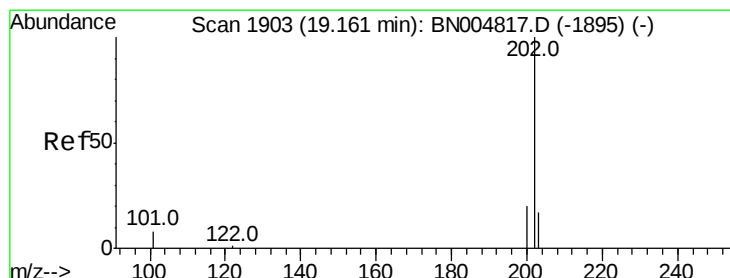
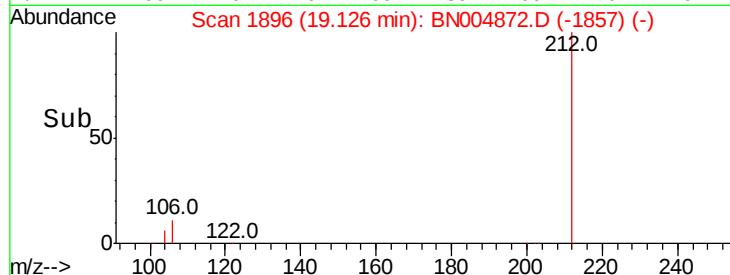
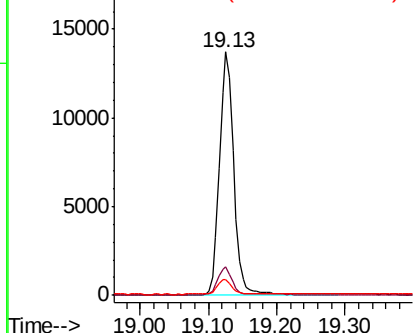
#25
 Fluoranthene-d10
 Concen: 0.385 ng
 RT: 19.13 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BN004872.D
 Acq: 22 Mar 2019 04:13

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:212 Resp: 19738
 Ion Ratio Lower Upper
 212 100
 106 11.1 8.6 13.0
 104 6.2 4.7 7.1

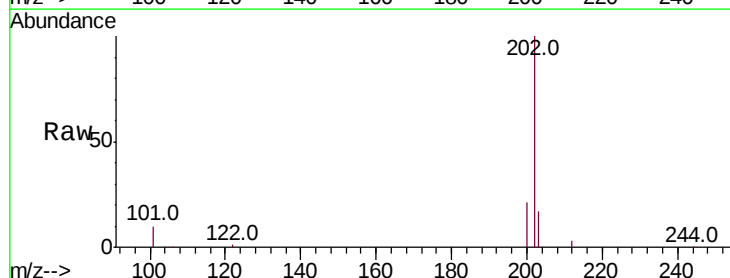


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

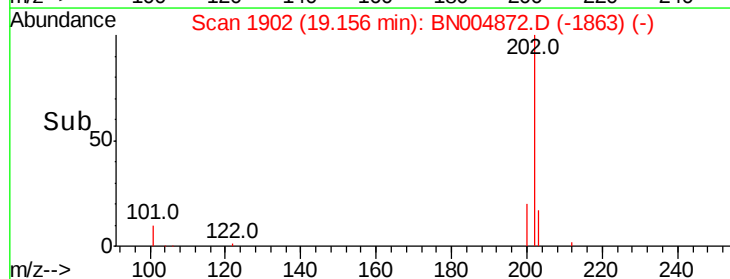
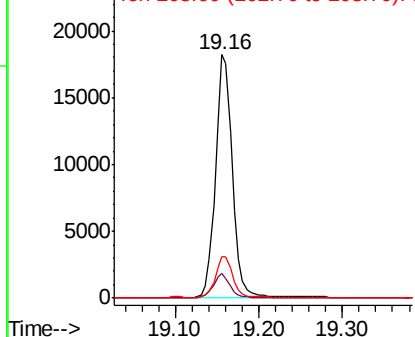


#26
 Fluoranthene
 Concen: 0.395 ng
 RT: 19.16 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BN004872.D
 Acq: 22 Mar 2019 04:13

Tgt Ion:202 Resp: 25053
 Ion Ratio Lower Upper
 202 100
 101 9.7 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

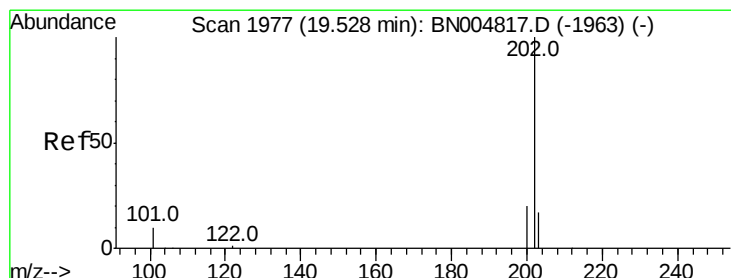
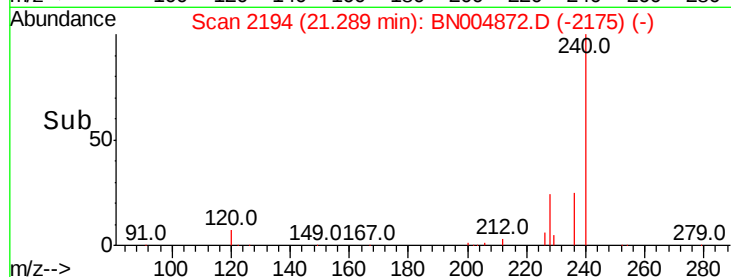
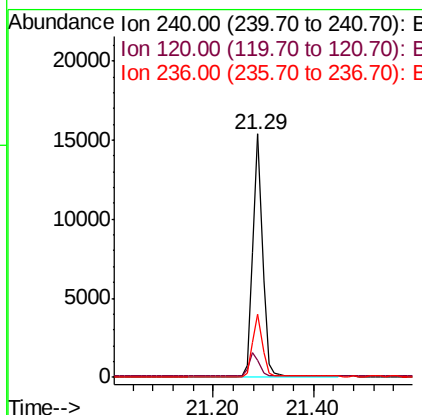
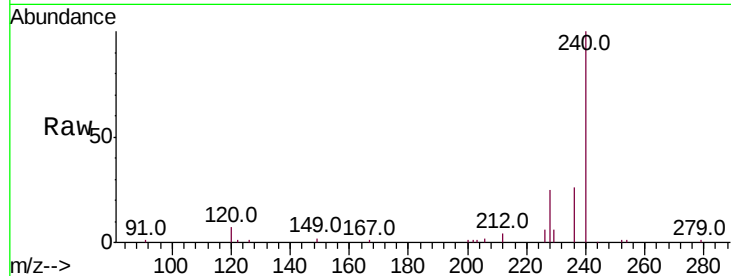




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004872.D
Acq: 22 Mar 2019 04:13

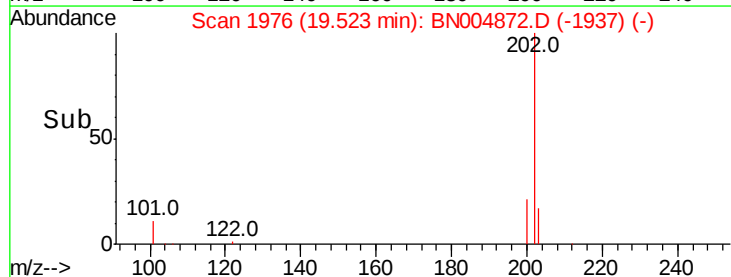
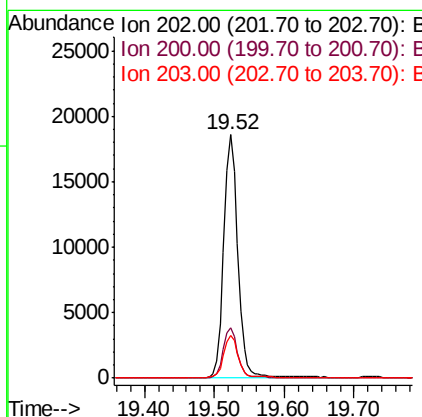
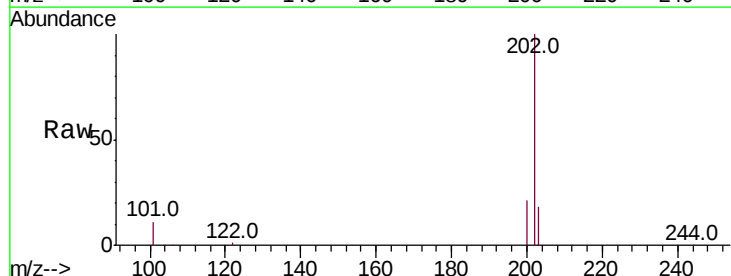
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

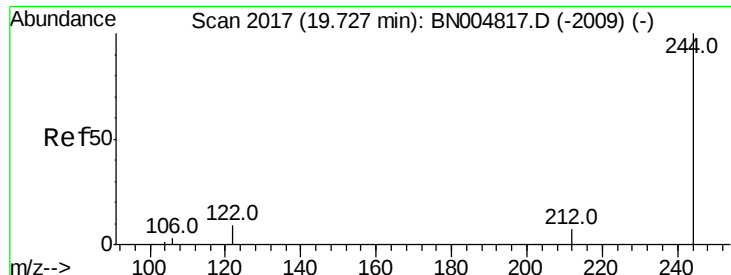
Tot Ion:240 Resp: 20052
Ion Ratio Lower Upper
240 100
120 7.2 7.2 10.8
236 25.7 20.9 31.3



#28
Pyrene
Concen: 0.419 ng
RT: 19.52 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BN004872.D
Acq: 22 Mar 2019 04:13

Tgt Ion:202 Resp: 25619
Ion Ratio Lower Upper
202 100
200 20.7 16.3 24.5
203 17.6 14.0 21.0





#29

Terphenyl-d14

Concen: 0.403 ng

RT: 19.73 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

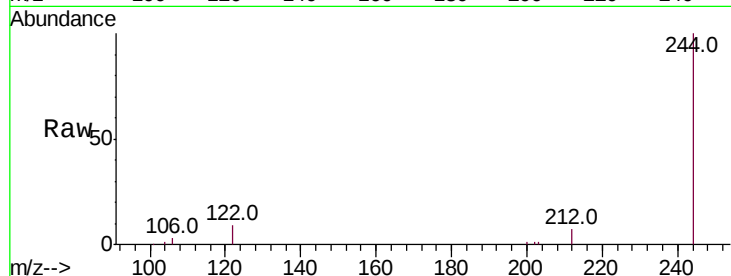
Tot Ion:244 Resp: 16533

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

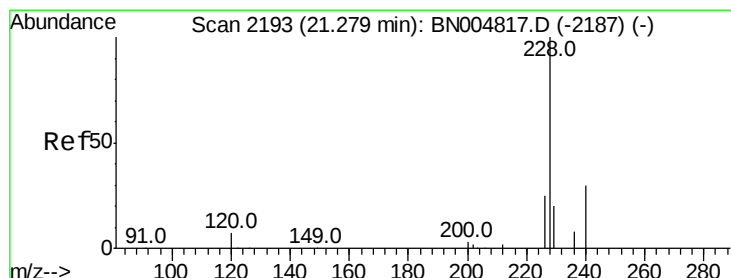
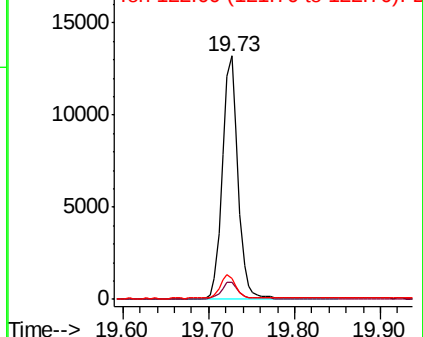
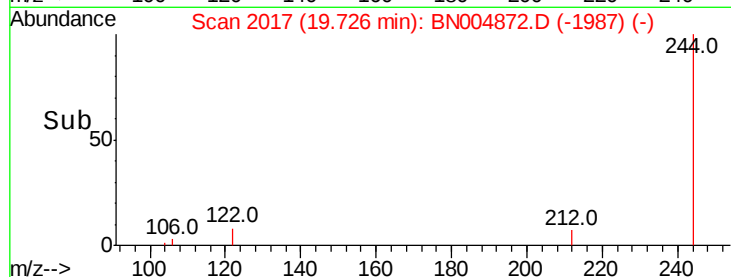
122 8.7 7.9 11.9



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: 0.411 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

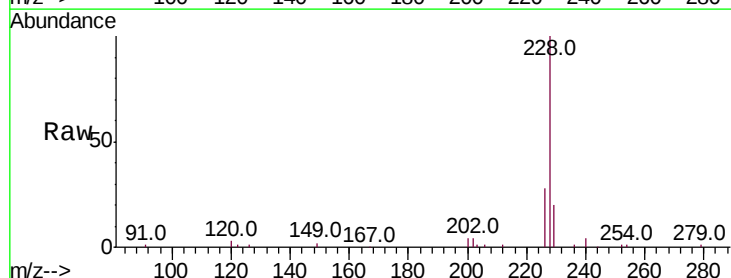
Tgt Ion:228 Resp: 27019

Ion Ratio Lower Upper

228 100

226 27.8 20.6 31.0

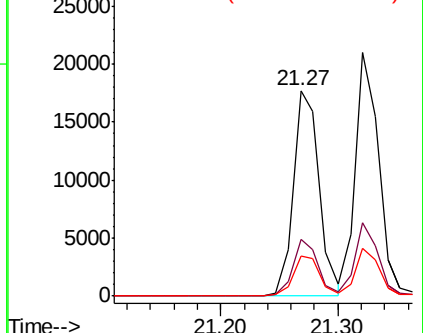
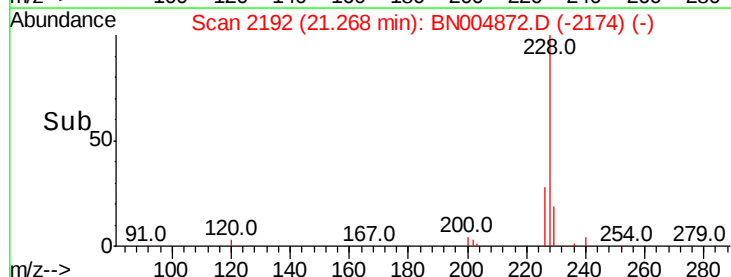
229 19.5 16.2 24.4



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: 0.419 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

Instrument :

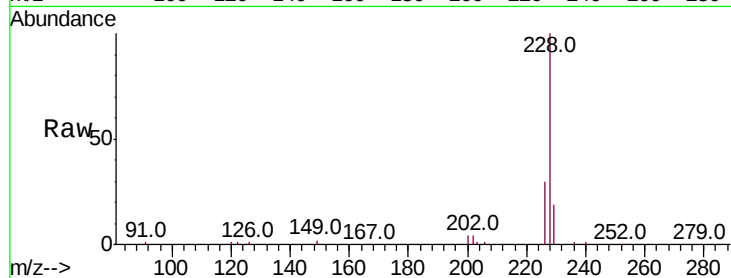
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 29027

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.0	34.6
229	19.4	16.2	24.2

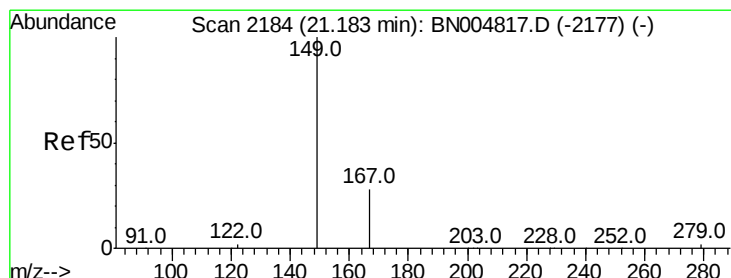
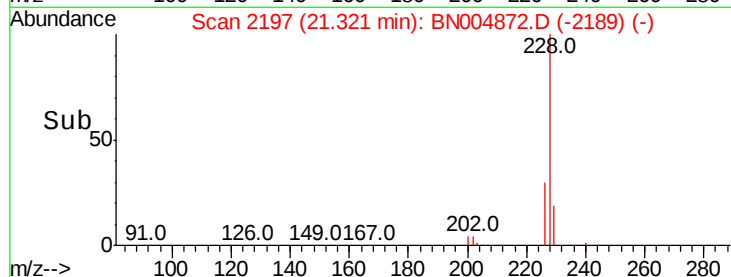
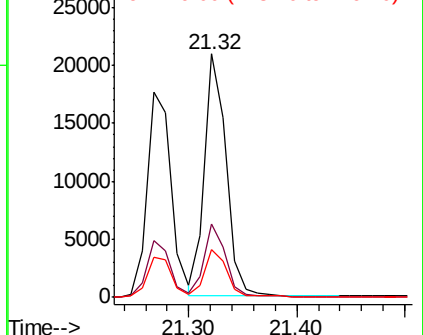


Abundance

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: 0.449 ng

RT: 21.18 min Scan# 2184

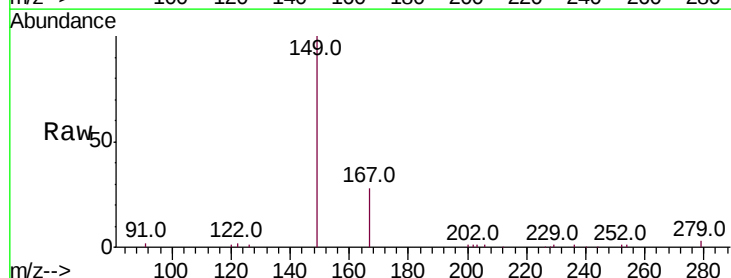
Delta R.T. -0.00 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

Tgt Ion:149 Resp: 11807

Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.0	34.4
279	5.6	4.6	6.8

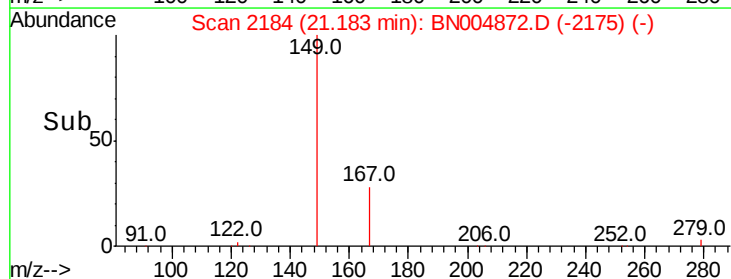
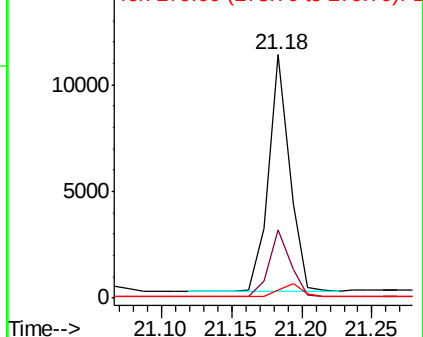


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.377 ng

RT: 25.81 min Scan# 3295

Delta R.T. -0.00 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

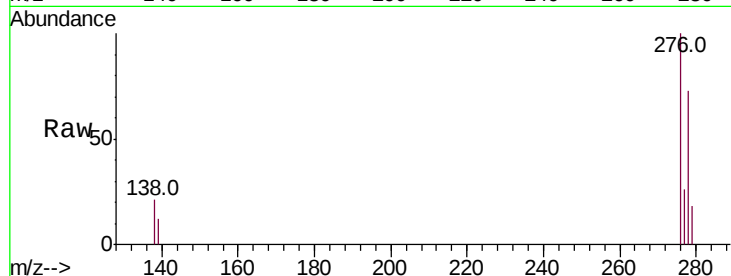
Tot Ion:276 Resp: 37761

Ion Ratio Lower Upper

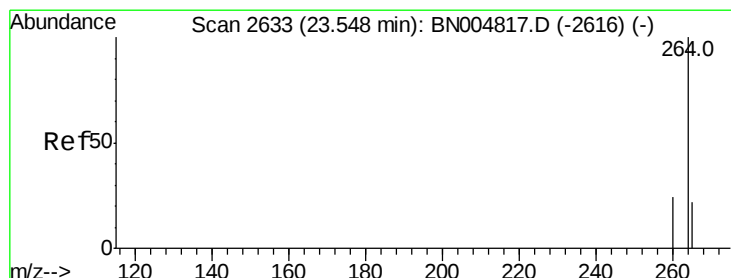
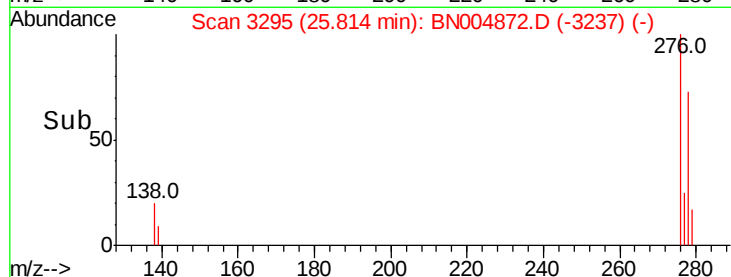
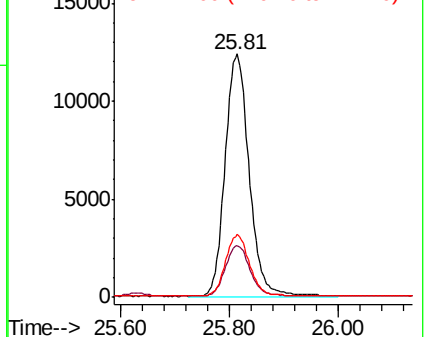
276 100

138 21.3 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: 23.54 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

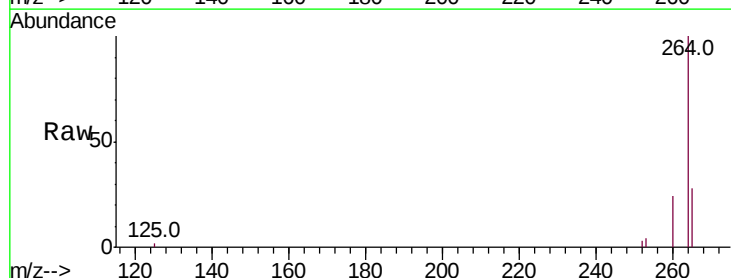
Tgt Ion:264 Resp: 22267

Ion Ratio Lower Upper

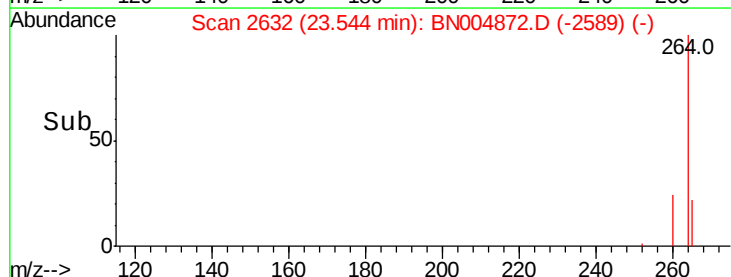
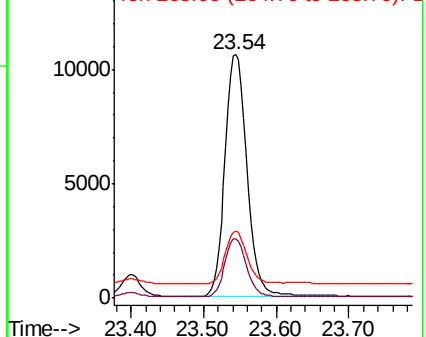
264 100

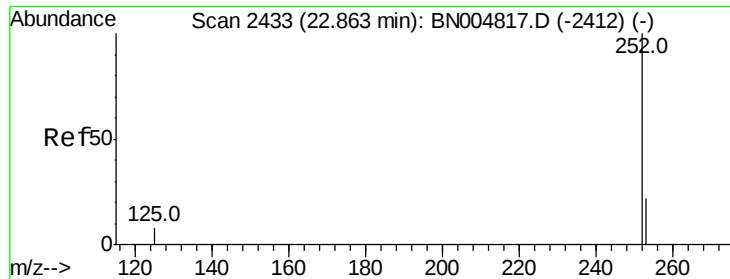
260 24.2 19.5 29.3

265 27.6 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

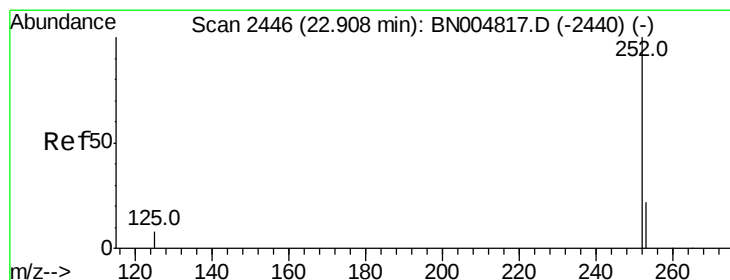
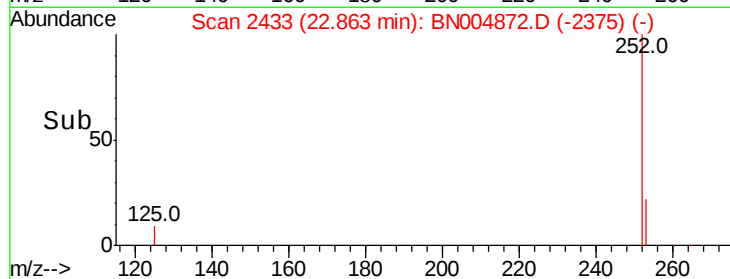
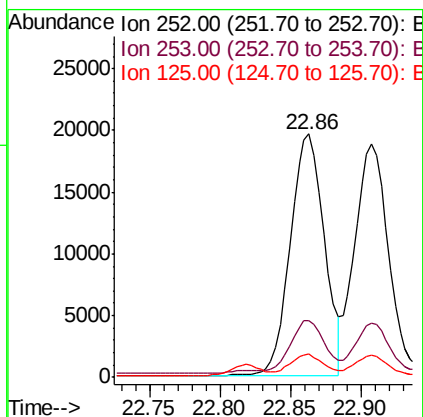
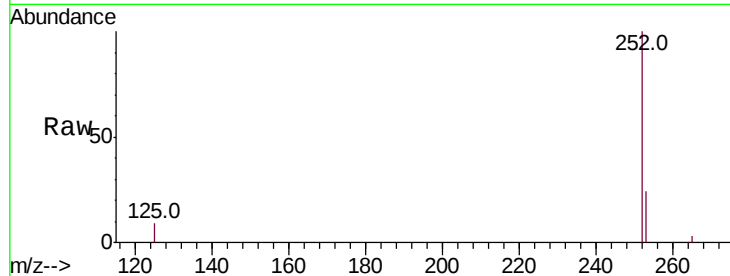




#35
Benzo(b)fluoranthene
Concen: 0.406 ng
RT: 22.86 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BN004872.D
Acq: 22 Mar 2019 04:13

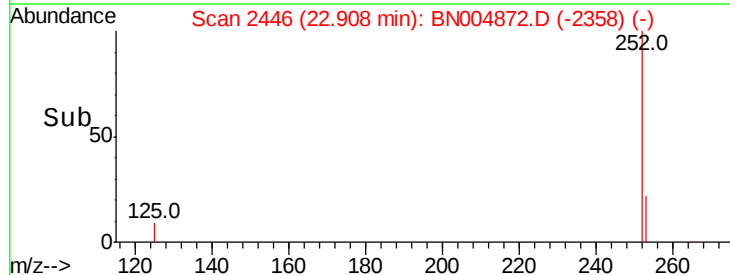
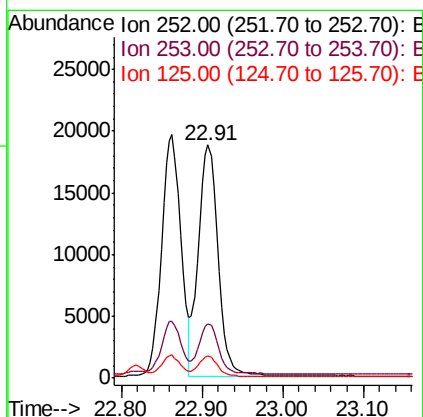
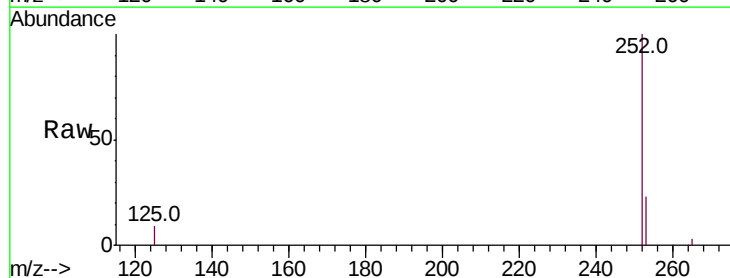
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

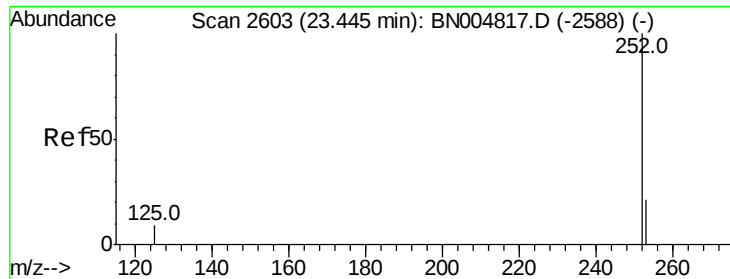
Tot Ion:252 Resp: 32719
Ion Ratio Lower Upper
252 100
253 23.5 19.0 28.4
125 9.4 7.4 11.2



#36
Benzo(k)fluoranthene
Concen: 0.404 ng
RT: 22.91 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BN004872.D
Acq: 22 Mar 2019 04:13

Tgt Ion:252 Resp: 31993
Ion Ratio Lower Upper
252 100
253 23.4 19.3 28.9
125 9.3 7.4 11.0





#37

Benzo(a)pyrene

Concen: 0.403 ng

RT: 23.45 min Scan# 2603

Delta R.T. -0.00 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

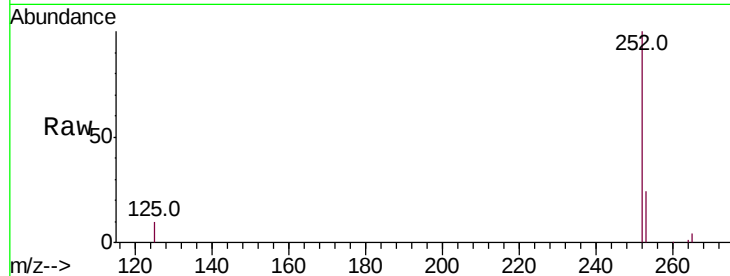
Tot Ion:252 Resp: 29743

Ion Ratio Lower Upper

252 100

253 23.9 19.7 29.5

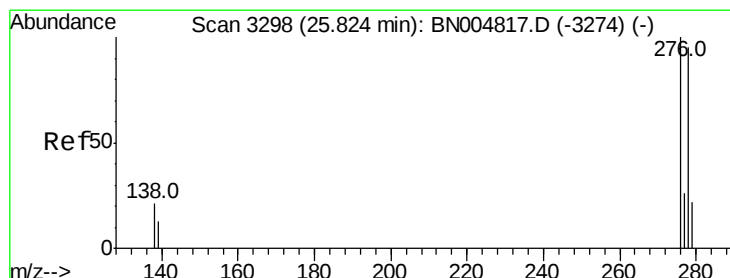
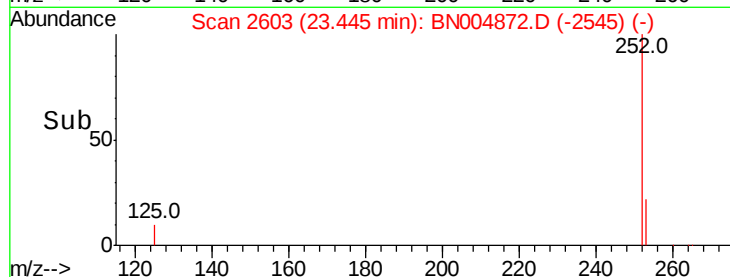
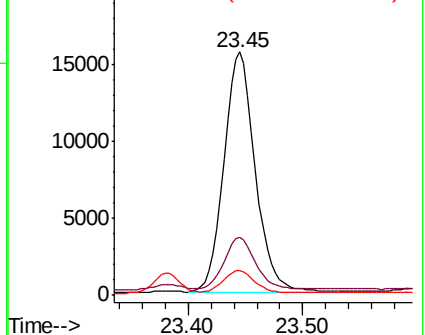
125 10.3 8.3 12.5



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: 0.362 ng

RT: 25.82 min Scan# 3298

Delta R.T. -0.00 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

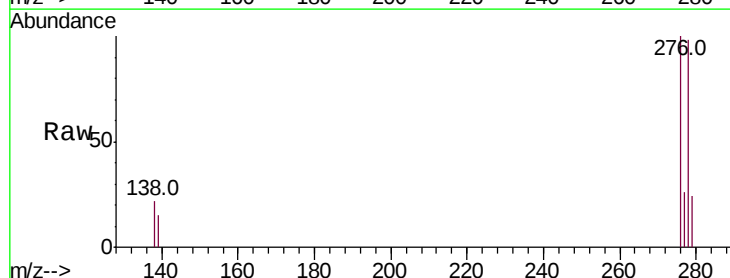
Tgt Ion:278 Resp: 31021

Ion Ratio Lower Upper

278 100

139 15.0 11.7 17.5

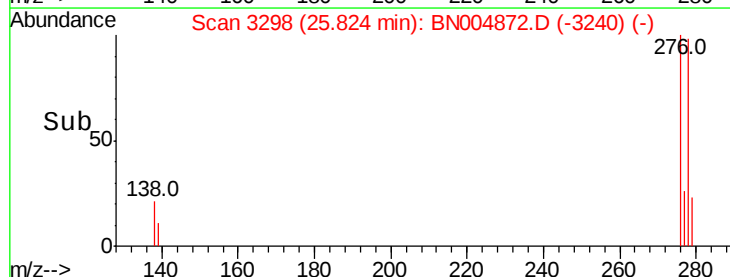
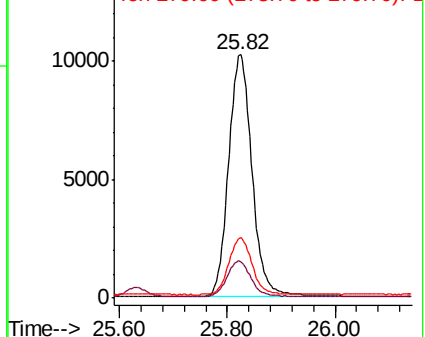
279 24.8 19.9 29.9

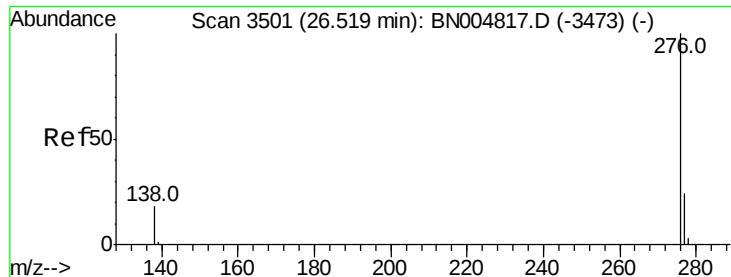


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.349 ng

RT: 26.52 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BN004872.D

Acq: 22 Mar 2019 04:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

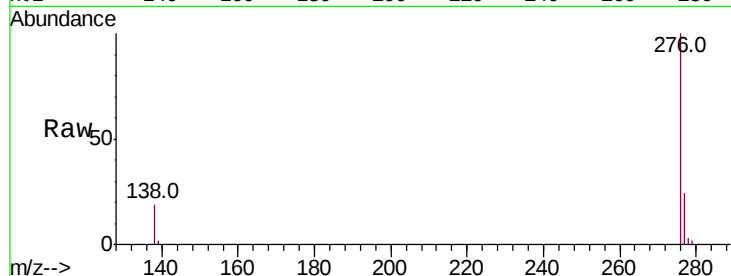
Tot Ion:276 Resp: 30475

Ion Ratio Lower Upper

276 100

277 24.3 19.7 29.5

138 18.9 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

