

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004855.D
 Acq On : 21 Mar 2019 18:13
 Operator : JU/SJ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4

Quant Time: Mar 22 02:01:38 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	1676	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	7678	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	4977	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	12720	0.40	ng	0.00
27) Chrysene-d12	21.29	240	17106	0.40	ng	0.00
34) Perylene-d12	23.54	264	19364	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	1737	0.38	ng	0.00
5) Phenol-d6	6.88	99	2228	0.39	ng	0.00
8) Nitrobenzene-d5	8.87	82	1837	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	5433	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1160	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	8367	0.41	ng	0.00
25) Fluoranthene-d10	19.13	212	16388	0.38	ng	0.00
29) Terphenyl-d14	19.73	244	13925	0.40	ng	0.00

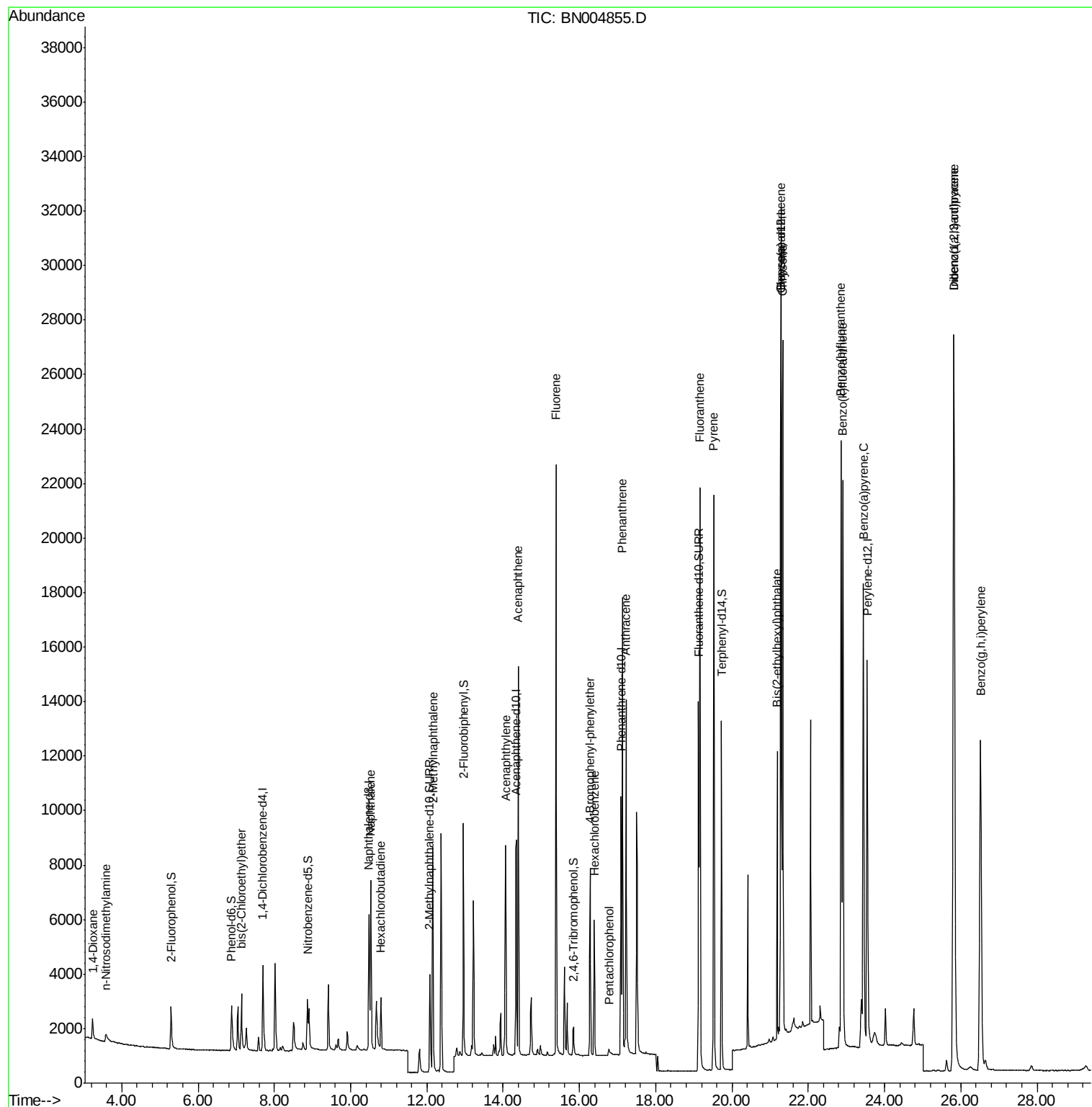
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.24	88	659	0.346	ng	93
3) n-Nitrosodimethylamine	3.59	42	346	0.307	ng	82
6) bis(2-Chloroethyl)ether	7.14	93	2006	0.392	ng	97
9) Naphthalene	10.53	128	8708	0.404	ng	99
10) Hexachlorobutadiene	10.80	225	1658	0.404	ng	# 99
12) 2-Methylnaphthalene	12.15	142	6534	0.409	ng	100
16) Acenaphthylene	14.07	152	10073	0.393	ng	100
17) Acenaphthene	14.40	154	6941	0.413	ng	99
18) Fluorene	15.39	166	9462	0.404	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	3325	0.400	ng	96
21) Hexachlorobenzene	16.39	284	3864	0.406	ng	98
22) Pentachlorophenol	16.77	266	226	0.122	ng	90
23) Phenanthrene	17.13	178	16534	0.403	ng	99
24) Anthracene	17.23	178	14269	0.389	ng	100
26) Fluoranthene	19.16	202	20711	0.392	ng	100
28) Pyrene	19.52	202	21355	0.409	ng	100
30) Benzo(a)anthracene	21.28	228	22428	0.400	ng	99
31) Chrysene	21.33	228	24599	0.416	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	8821	0.394	ng	99
33) Indeno(1,2,3-cd)pyrene	25.81	276	34250	0.401	ng	100
35) Benzo(b)fluoranthene	22.86	252	28286	0.404	ng	100
36) Benzo(k)fluoranthene	22.91	252	27867	0.404	ng	99
37) Benzo(a)pyrene	23.45	252	25721	0.400	ng	99
38) Dibenzo(a,h)anthracene	25.82	278	28116	0.378	ng	99
39) Benzo(g,h,i)perylene	26.52	276	28246	0.372	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: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

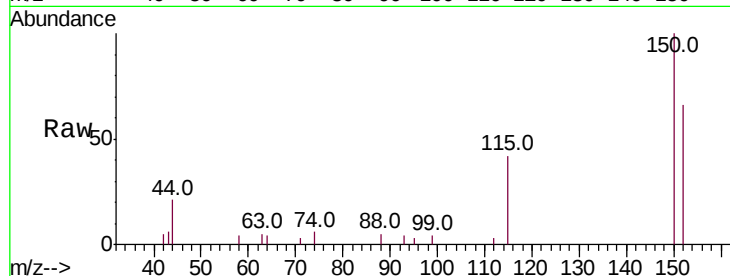
Tot Ion:152 Resp: 1676

Ion Ratio Lower Upper

152 100

150 151.7 126.2 189.4

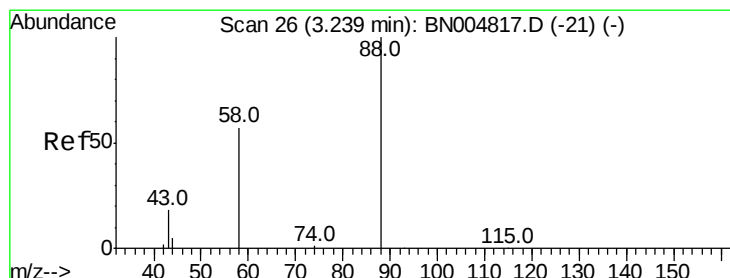
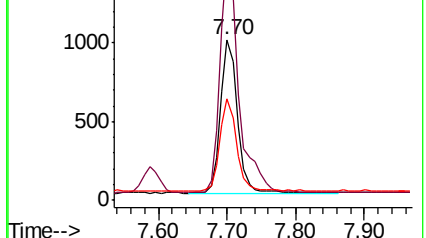
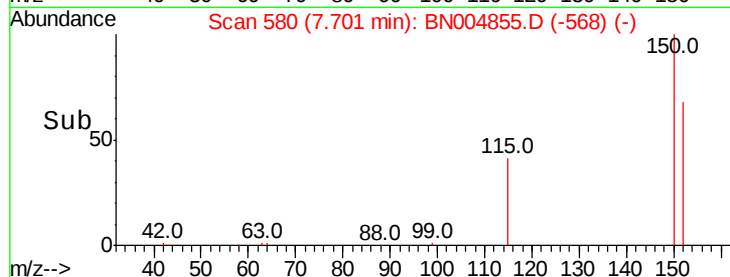
115 63.0 52.6 79.0



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: 0.346 ng

RT: 3.24 min Scan# 26

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

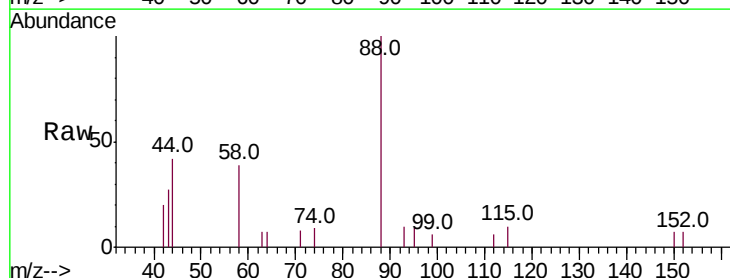
Tgt Ion: 88 Resp: 659

Ion Ratio Lower Upper

88 100

58 71.2 51.4 77.2

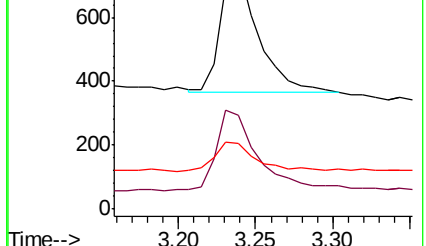
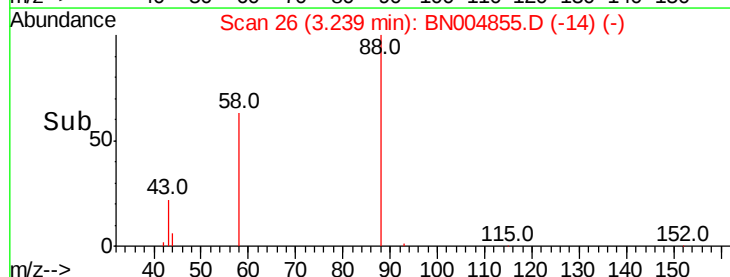
43 25.6 20.0 30.0



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



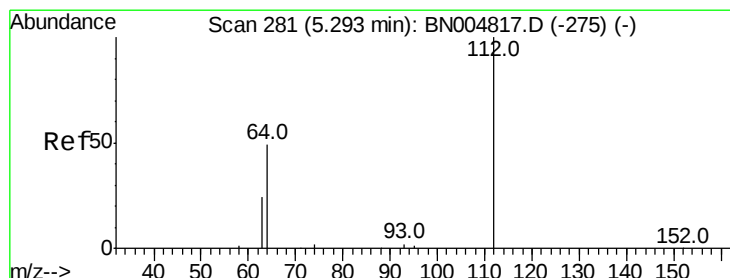
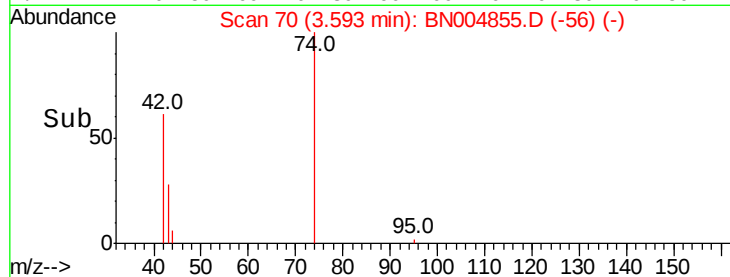
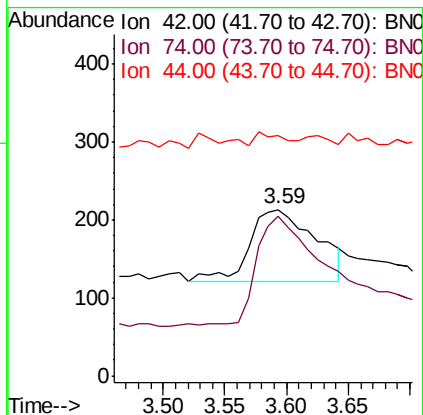
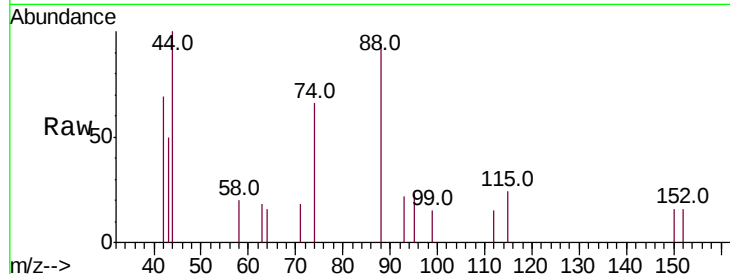


#3

n-Nitrosodimethylamine
 Concen: 0.307 ng
 RT: 3.59 min Scan# 70
 Delta R.T. 0.02 min
 Lab File: BN004855.D
 Acq: 21 Mar 2019 18:13

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

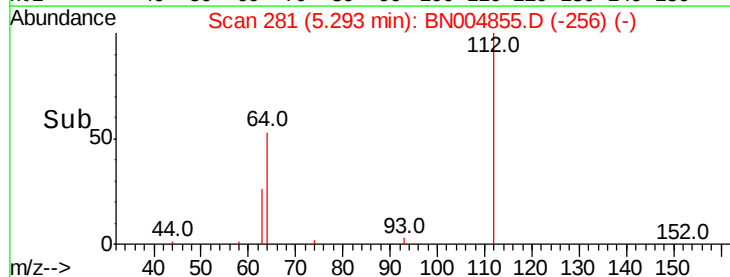
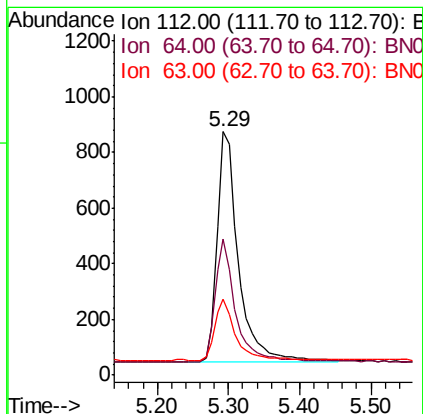
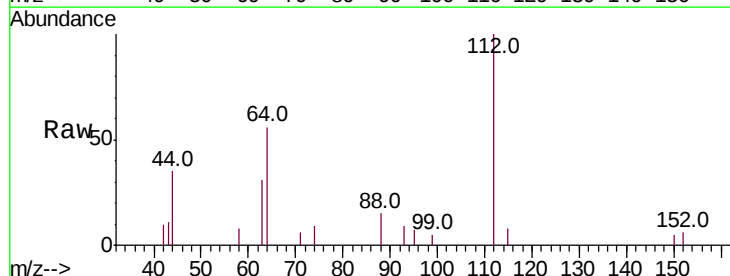
Tot Ion: 42 Resp: 346
 Ion Ratio Lower Upper
 42 100
 74 135.5 128.4 192.6
 44 8.1 6.1 9.1



#4

2-Fluorophenol
 Concen: 0.381 ng
 RT: 5.29 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: BN004855.D
 Acq: 21 Mar 2019 18:13

Tgt Ion: 112 Resp: 1737
 Ion Ratio Lower Upper
 112 100
 64 50.4 40.0 60.0
 63 24.8 20.2 30.2





#5

Phenol-d6

Concen: 0.393 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

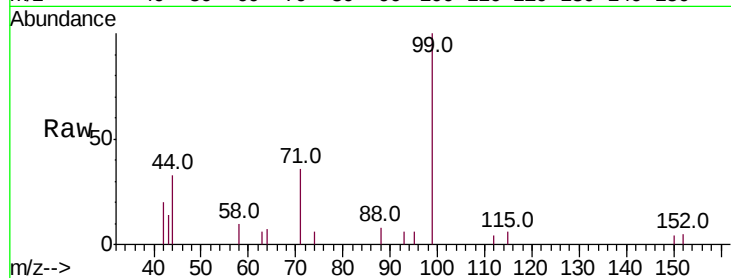
Tot Ion: 99 Resp: 2228

Ion Ratio Lower Upper

99 100

42 13.6 12.7 19.1

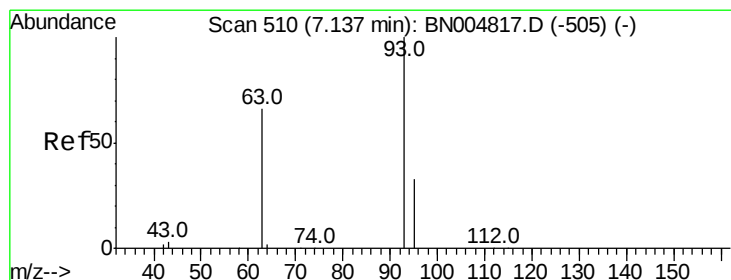
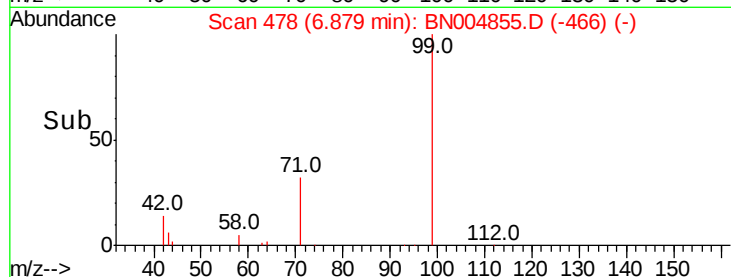
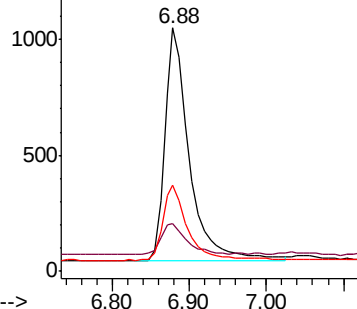
71 33.3 26.6 40.0



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: 0.392 ng

RT: 7.14 min Scan# 510

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

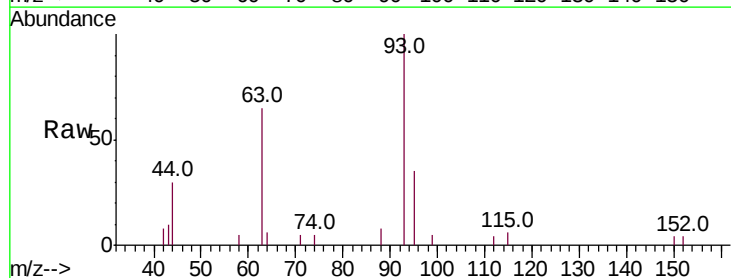
Tgt Ion: 93 Resp: 2006

Ion Ratio Lower Upper

93 100

63 62.8 52.6 78.8

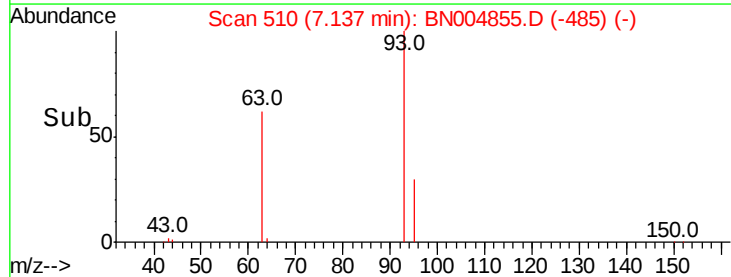
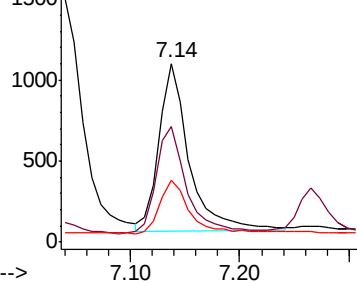
95 31.3 25.9 38.9

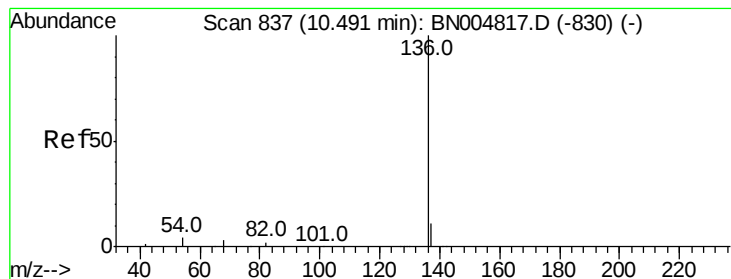


Abundance Ion 93.00 (92.70 to 93.70): BN004817.D (-505) (-)

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: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 7678

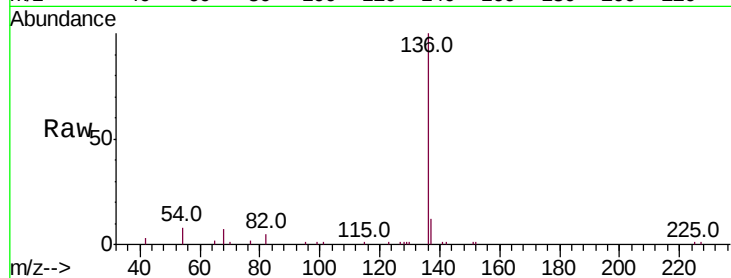
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 8.0 4.2 6.2#

68 6.6 3.9 5.9#

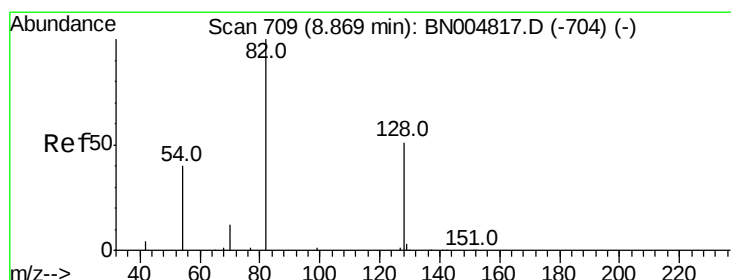
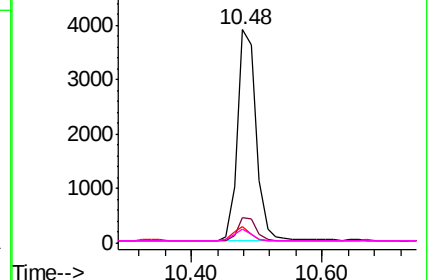
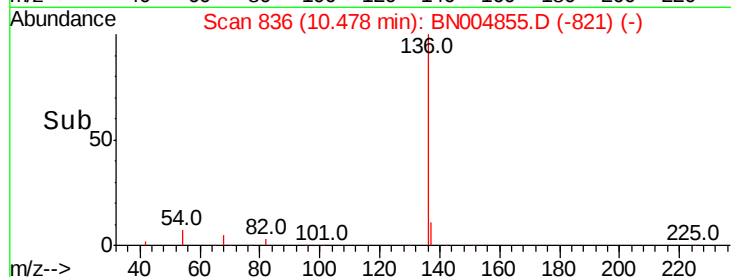


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.362 ng

RT: 8.87 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

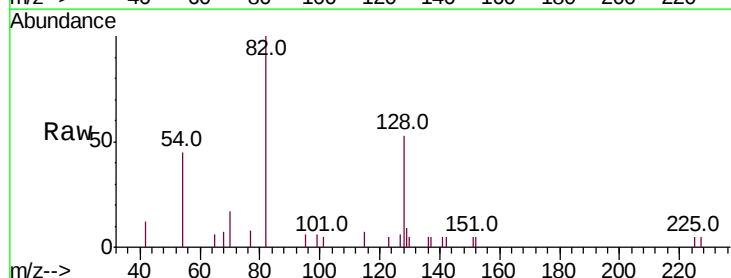
Tgt Ion: 82 Resp: 1837

Ion Ratio Lower Upper

82 100

128 53.2 43.0 64.6

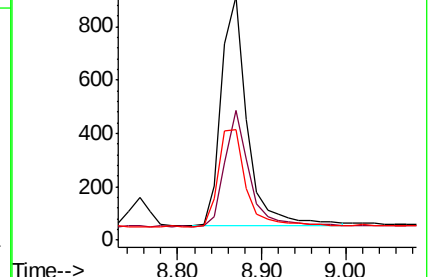
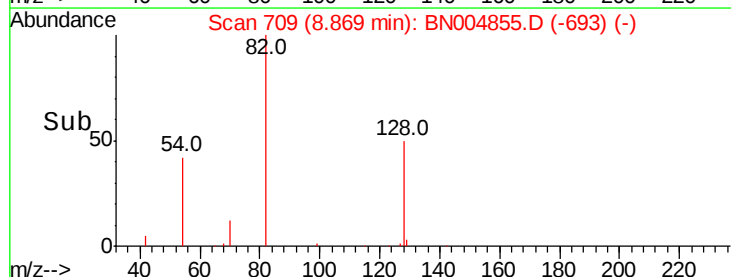
54 45.4 35.3 52.9

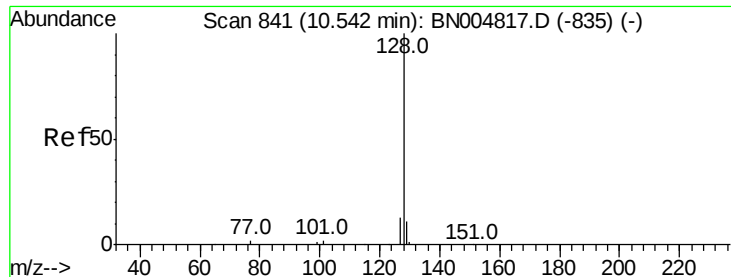


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.404 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

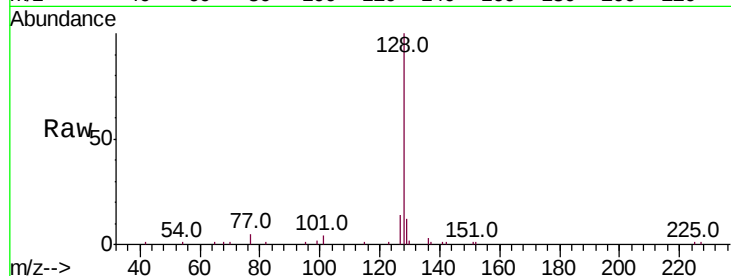
Tot Ion:128 Resp: 8708

Ion Ratio Lower Upper

128 100

129 11.7 9.9 14.9

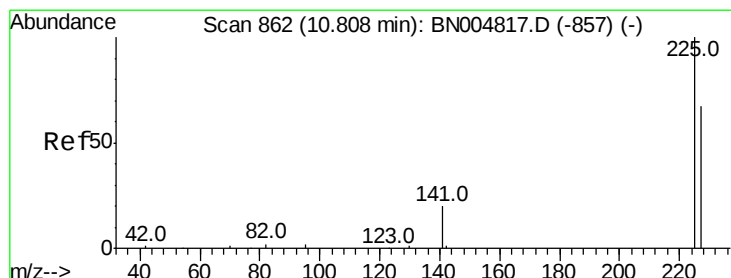
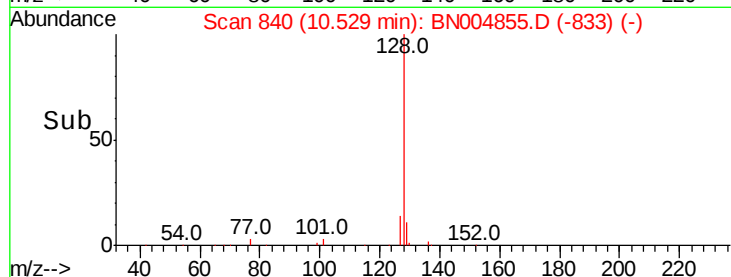
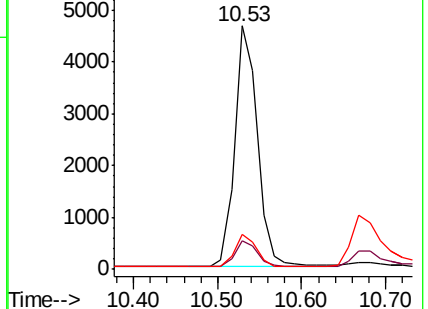
127 14.4 11.3 16.9



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: 0.404 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.01 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

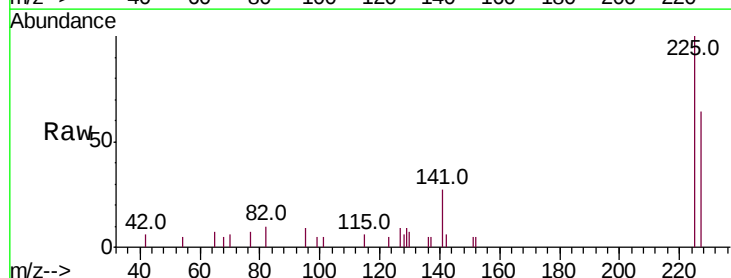
Tgt Ion:225 Resp: 1658

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

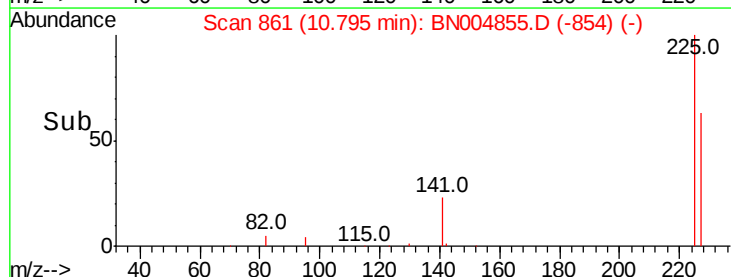
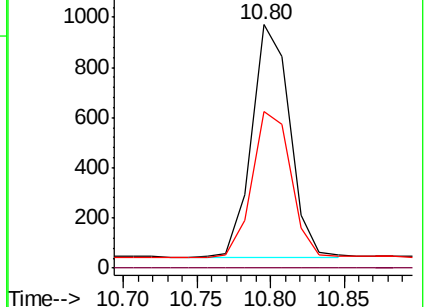
227 64.2 52.2 78.4

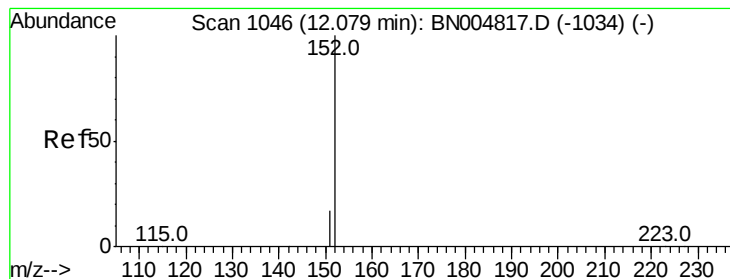


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.406 ng

RT: 12.08 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

ClientSampleId :

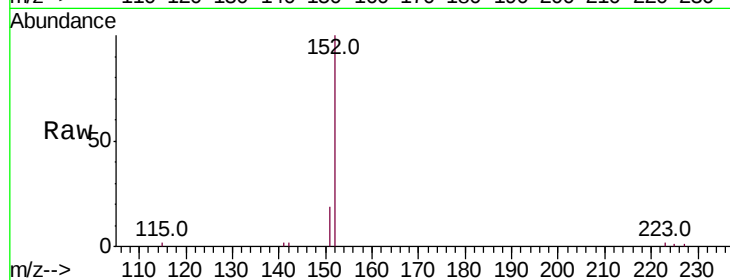
SSTDCCC0.4

Tot Ion:152 Resp: 5433

Ion Ratio Lower Upper

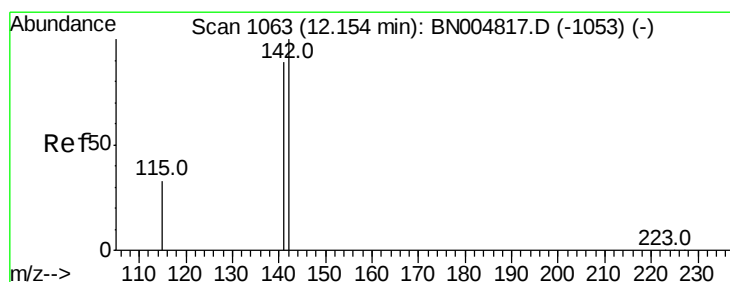
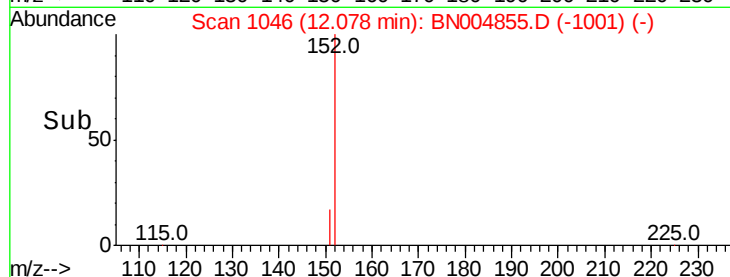
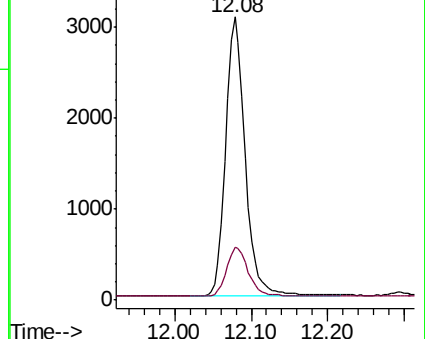
152 100

151 19.3 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: 0.409 ng

RT: 12.15 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

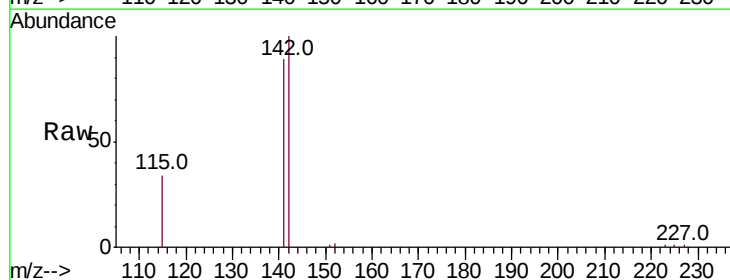
Tgt Ion:142 Resp: 6534

Ion Ratio Lower Upper

142 100

141 89.1 71.4 107.2

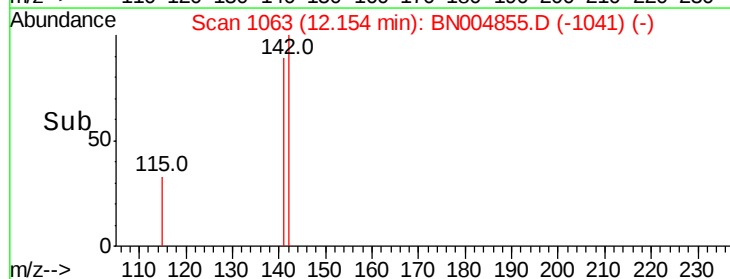
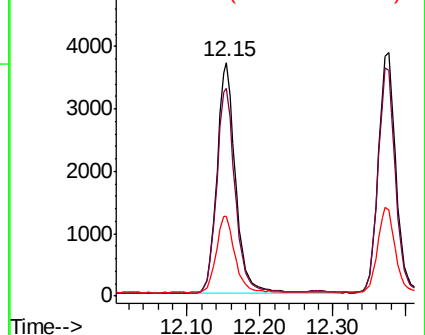
115 34.2 27.5 41.3

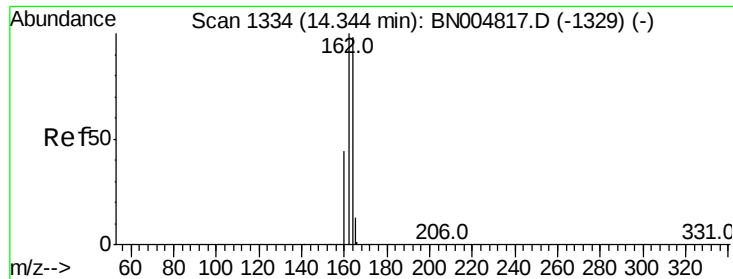


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

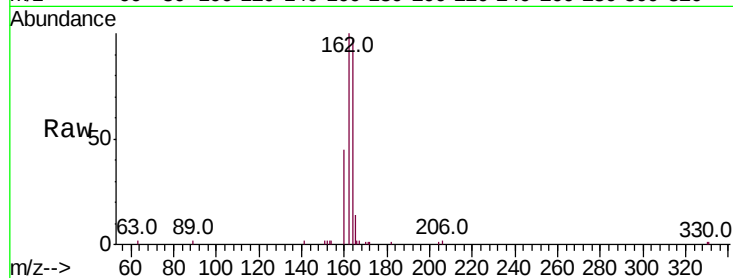
Tot Ion:164 Resp: 4977

Ion Ratio Lower Upper

164 100

162 103.4 81.9 122.9

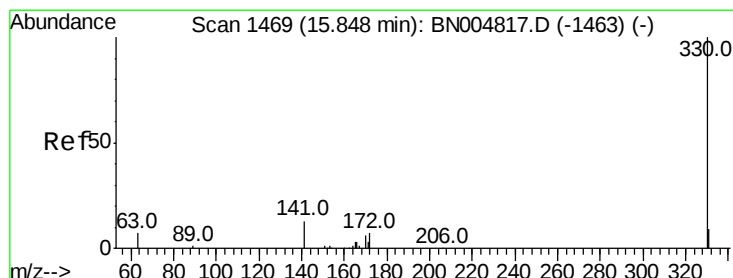
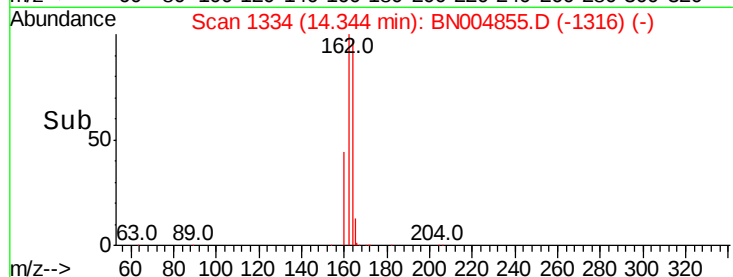
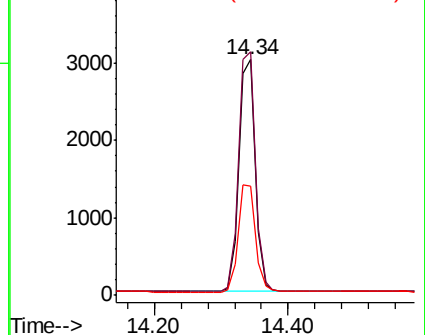
160 46.4 36.6 54.8



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: 0.337 ng

RT: 15.85 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

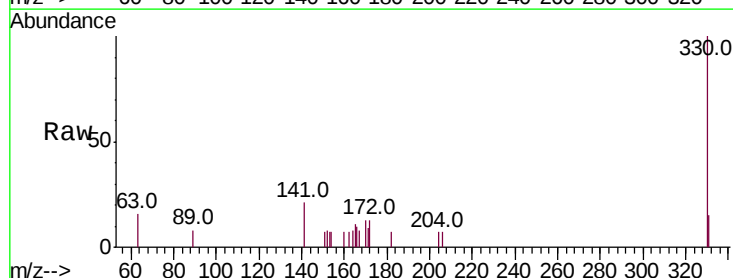
Tgt Ion:330 Resp: 1160

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

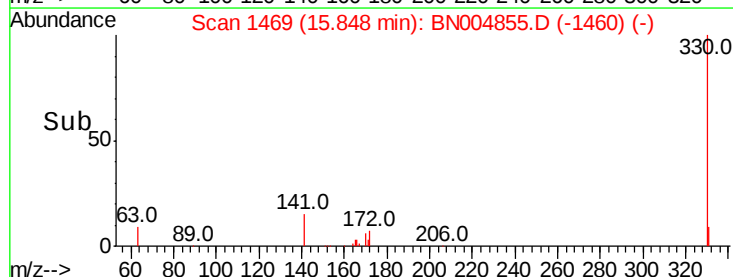
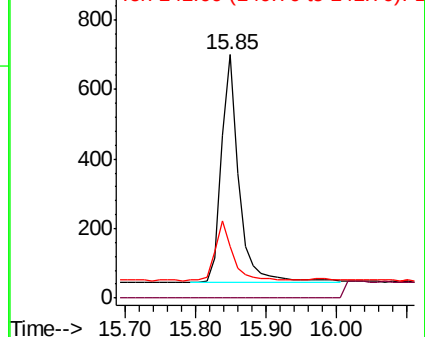
141 25.3 20.9 31.3



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

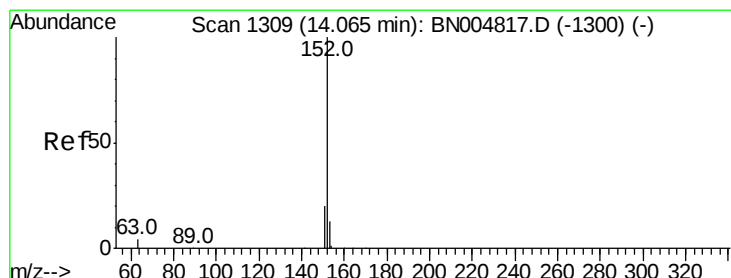
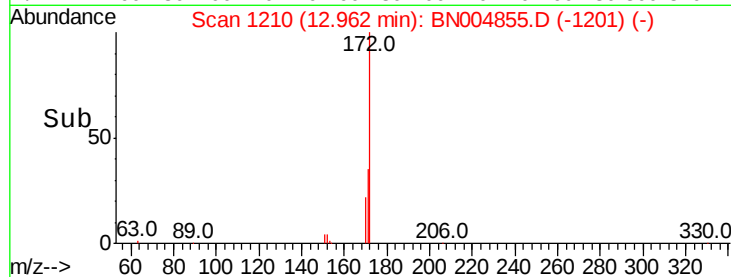
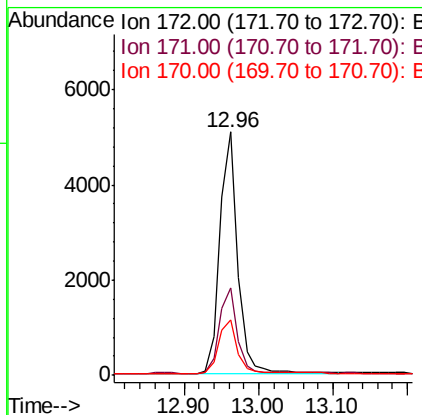
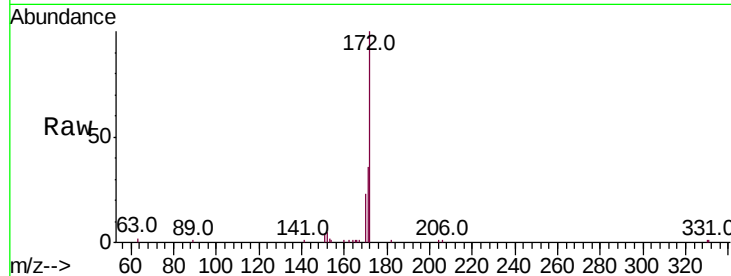




#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004855.D
Acq: 21 Mar 2019 18:13

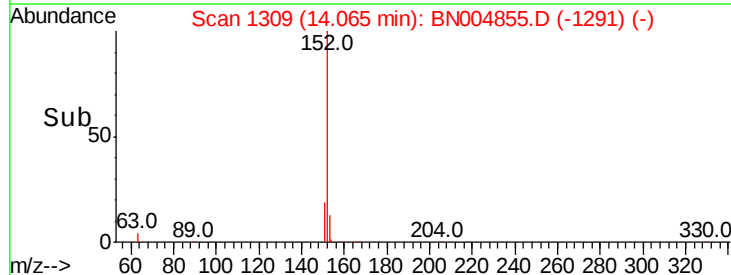
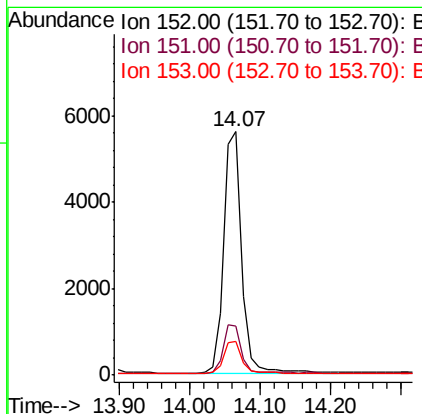
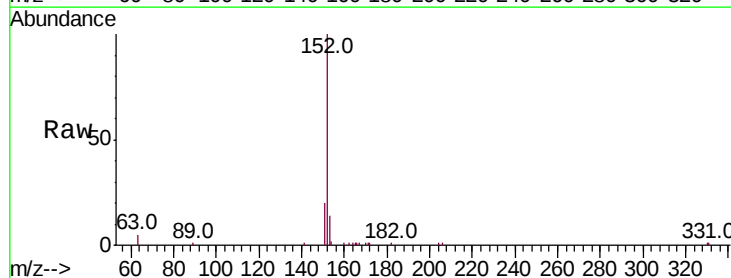
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.7	43.1
170	22.9	18.7	28.1



#16
Acenaphthylene
Concen: 0.393 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004855.D
Acq: 21 Mar 2019 18:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.1	10.5	15.7





#17

Acenaphthene

Concen: 0.413 ng

RT: 14.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

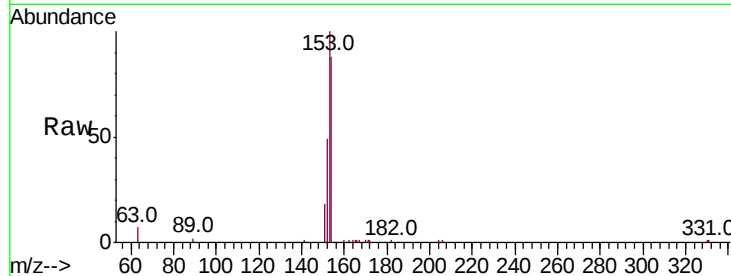
Tot Ion:154 Resp: 6941

Ion Ratio Lower Upper

154 100

153 113.7 91.4 137.2

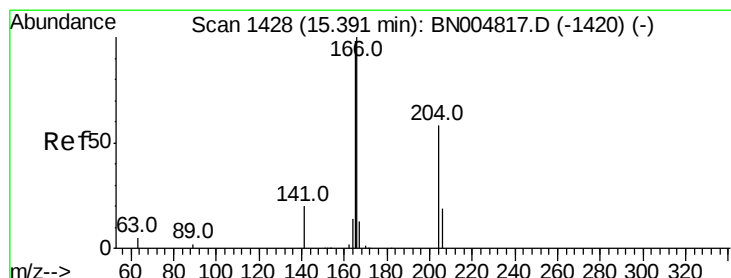
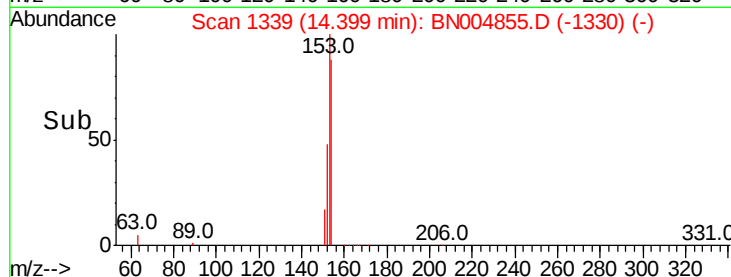
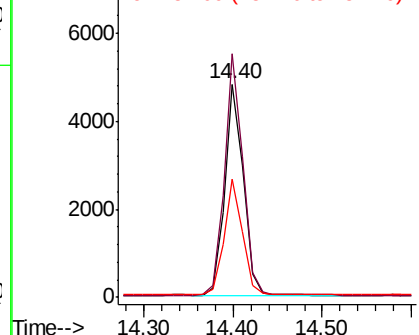
152 54.4 44.2 66.2



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: 0.404 ng

RT: 15.39 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

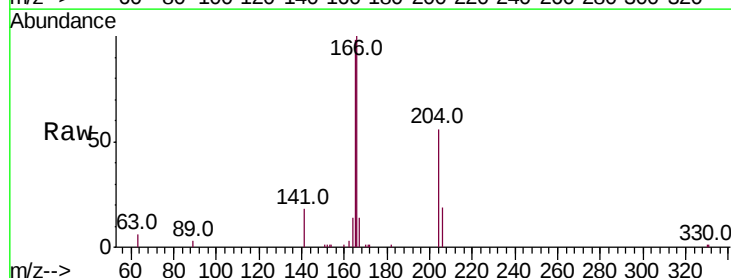
Tgt Ion:166 Resp: 9462

Ion Ratio Lower Upper

166 100

165 98.5 78.2 117.4

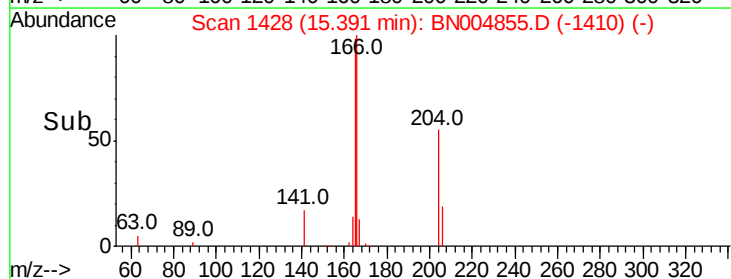
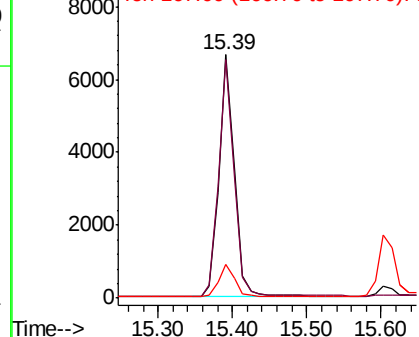
167 13.5 11.0 16.4

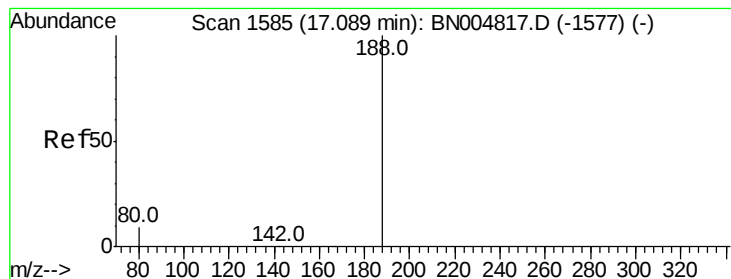


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

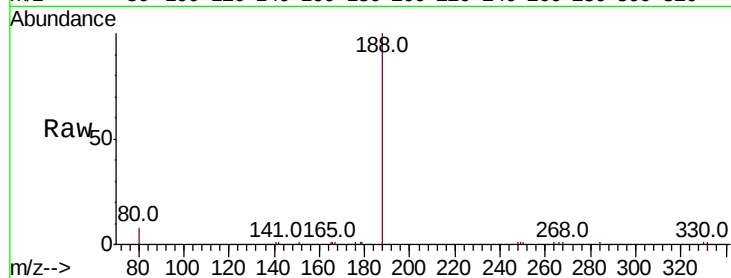
Tot Ion:188 Resp: 12720

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

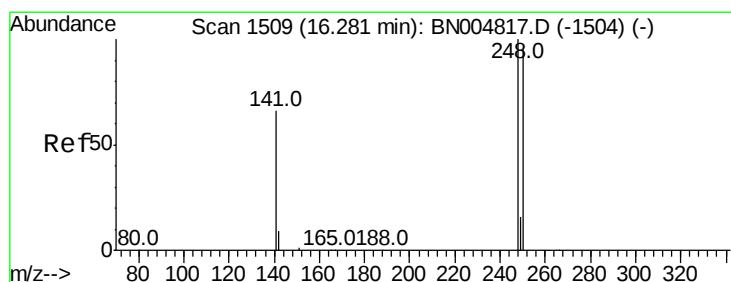
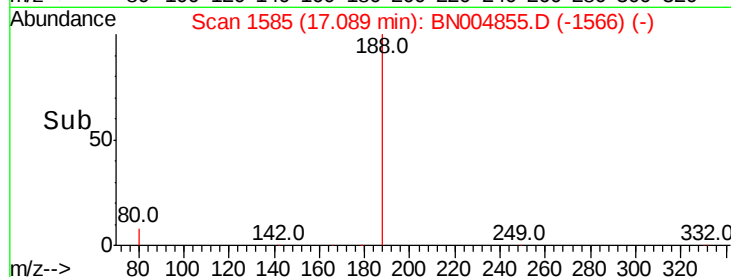
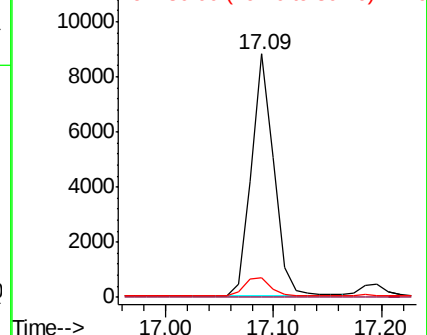
80 8.3 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.400 ng

RT: 16.28 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

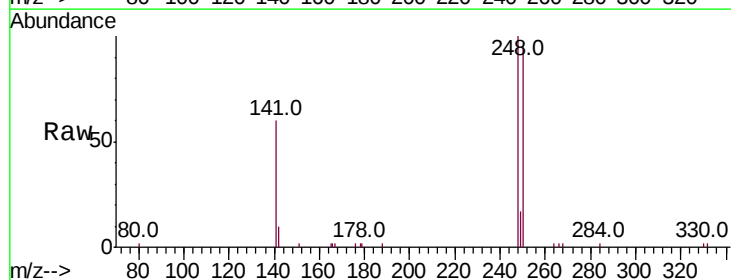
Tgt Ion:248 Resp: 3325

Ion Ratio Lower Upper

248 100

250 94.8 76.2 114.4

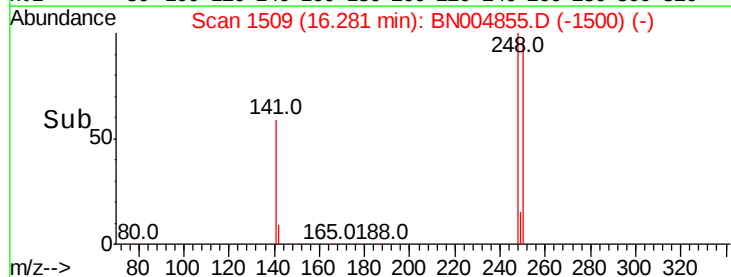
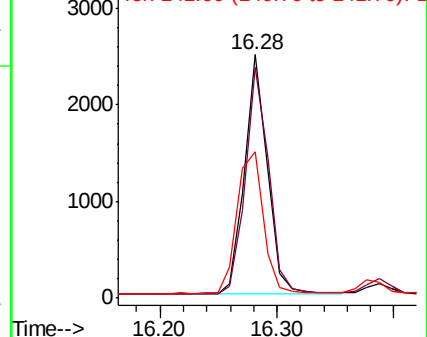
141 59.9 53.9 80.9

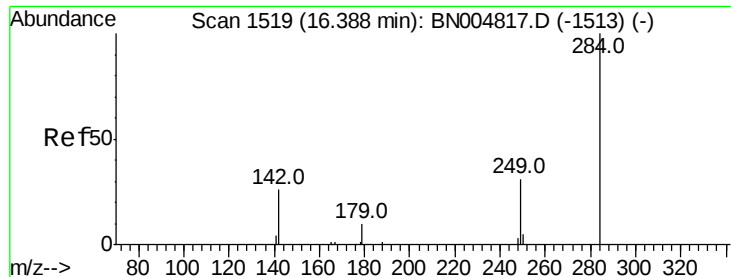


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.406 ng

RT: 16.39 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

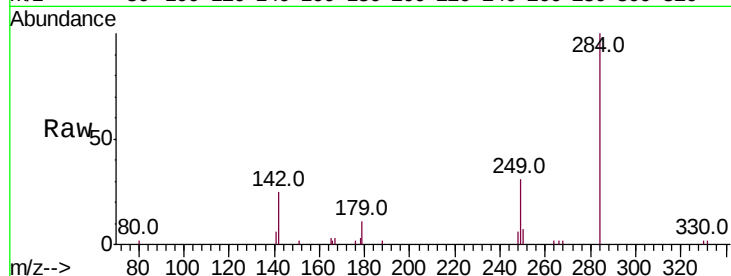
Tot Ion:284 Resp: 3864

Ion Ratio Lower Upper

284 100

142 29.4 22.6 34.0

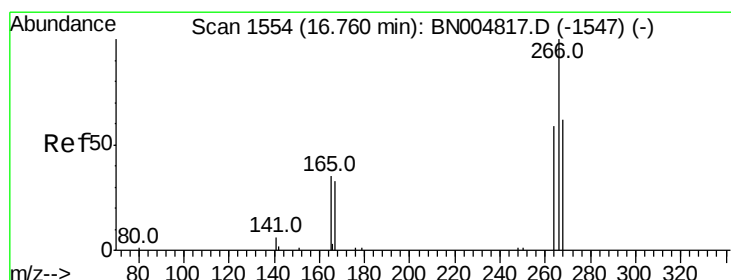
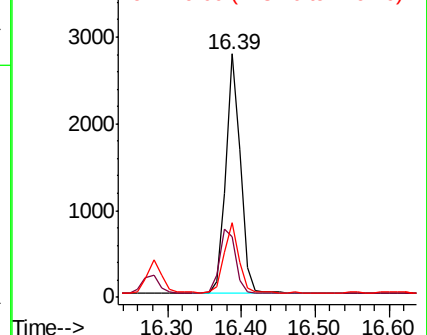
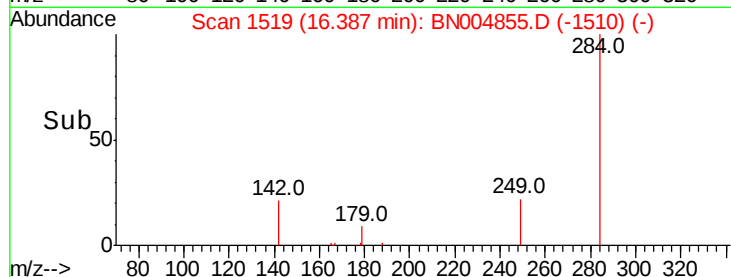
249 29.2 22.5 33.7



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: 0.122 ng

RT: 16.77 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

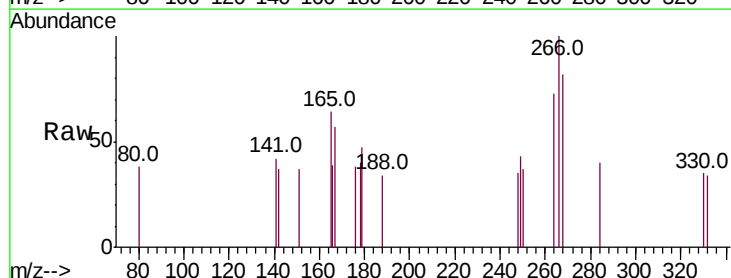
Tgt Ion:266 Resp: 226

Ion Ratio Lower Upper

266 100

264 72.5 53.1 79.7

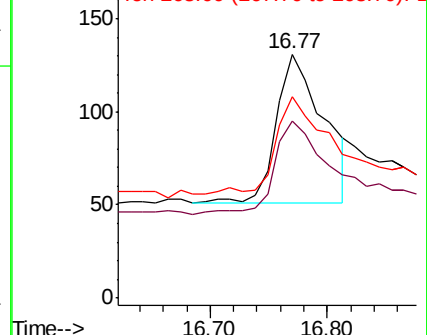
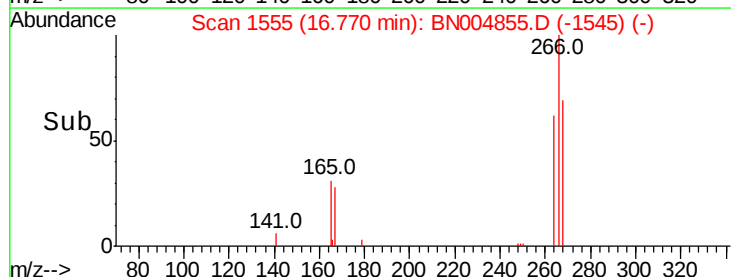
268 82.4 57.7 86.5

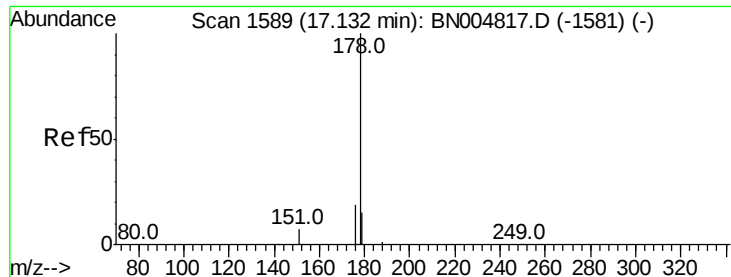


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.403 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

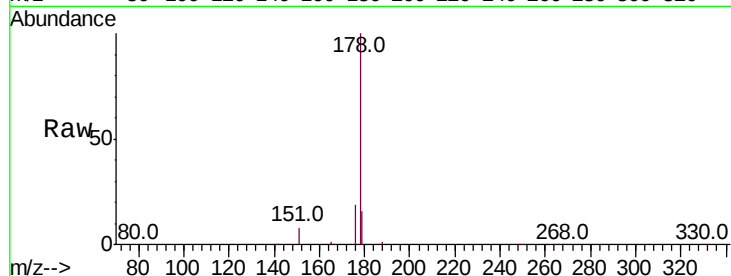
Tot Ion:178 Resp: 16534

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

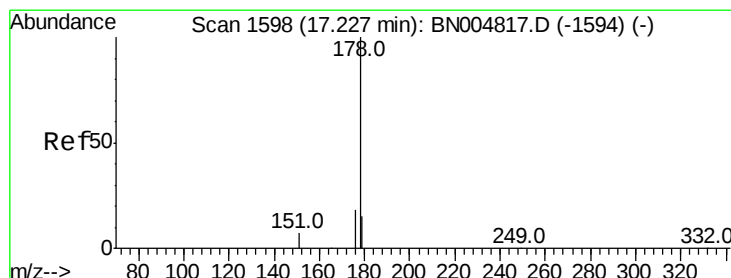
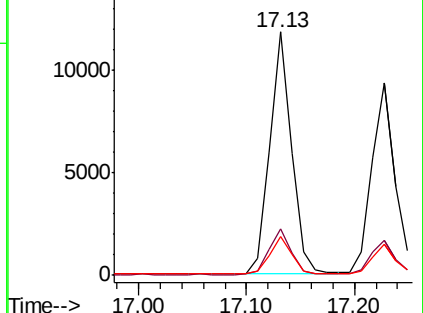
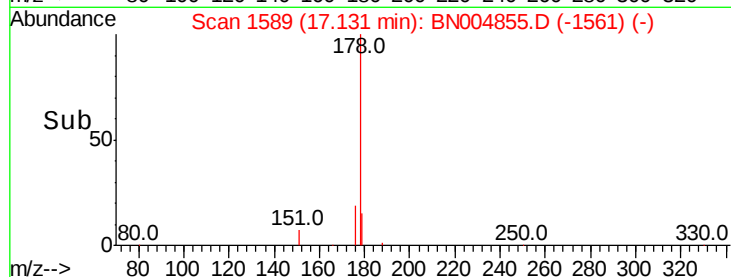
179 15.4 12.1 18.1



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: 0.389 ng

RT: 17.23 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

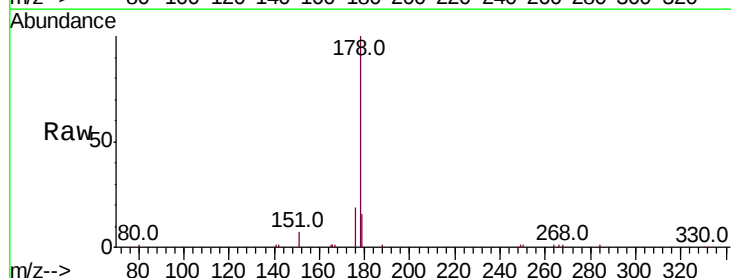
Tgt Ion:178 Resp: 14269

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

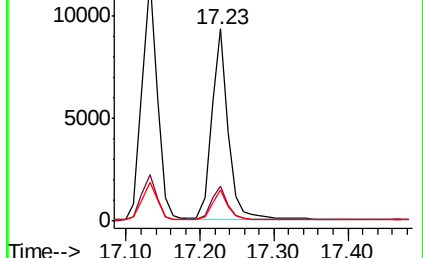
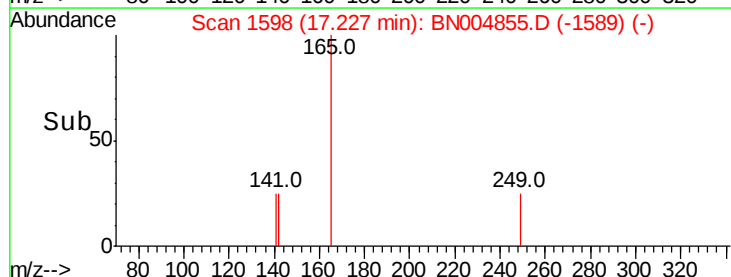
179 15.4 12.2 18.4

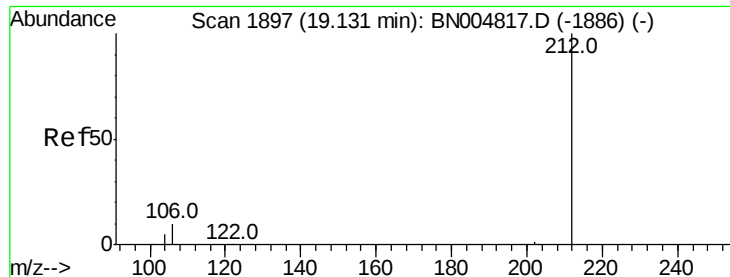


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

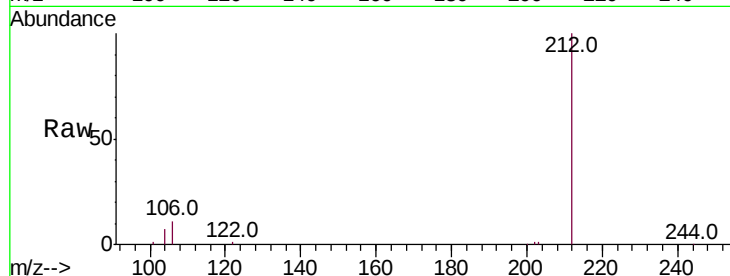




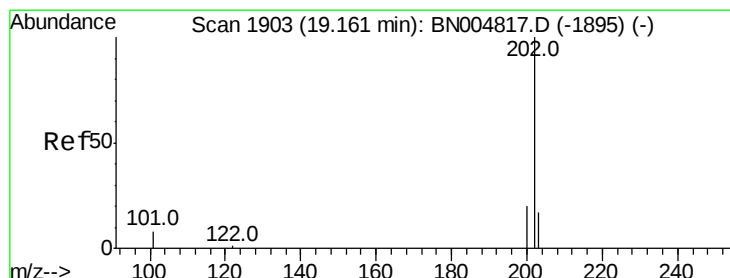
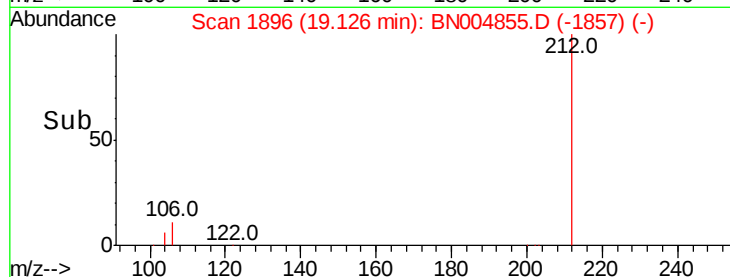
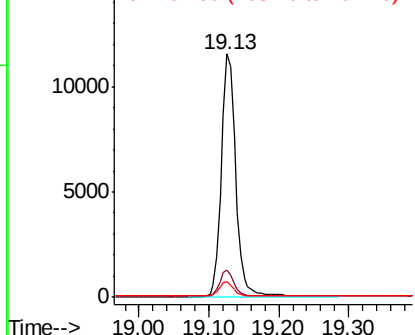
#25
 Fluoranthene-d10
 Concen: 0.385 ng
 RT: 19.13 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BN004855.D
 Acq: 21 Mar 2019 18:13

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:212 Resp: 16388
 Ion Ratio Lower Upper
 212 100
 106 10.8 8.6 13.0
 104 6.1 4.7 7.1

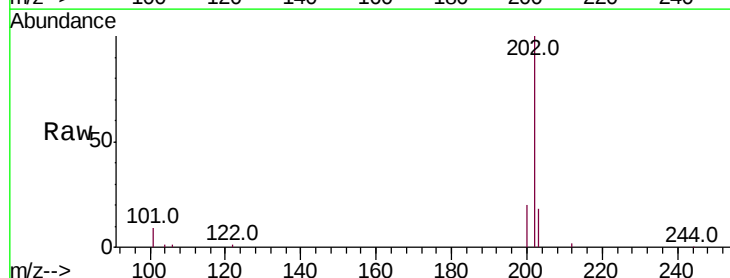


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

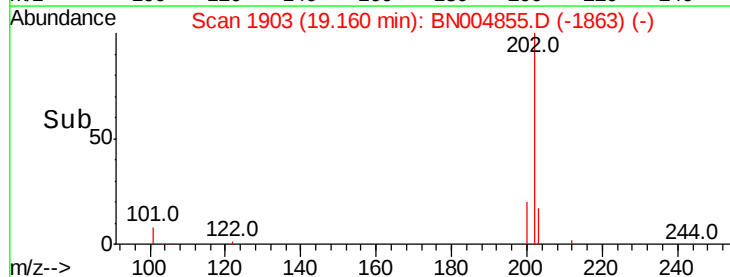
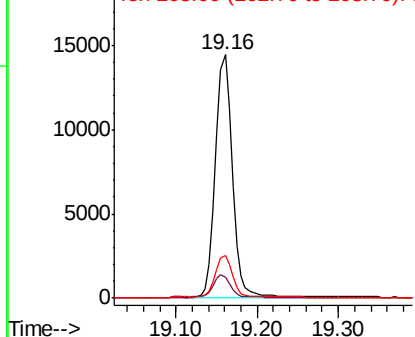


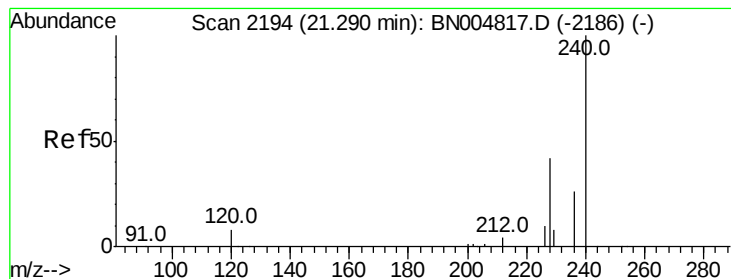
#26
 Fluoranthene
 Concen: 0.392 ng
 RT: 19.16 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: BN004855.D
 Acq: 21 Mar 2019 18:13

Tgt Ion:202 Resp: 20711
 Ion Ratio Lower Upper
 202 100
 101 9.3 7.5 11.3
 203 17.3 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

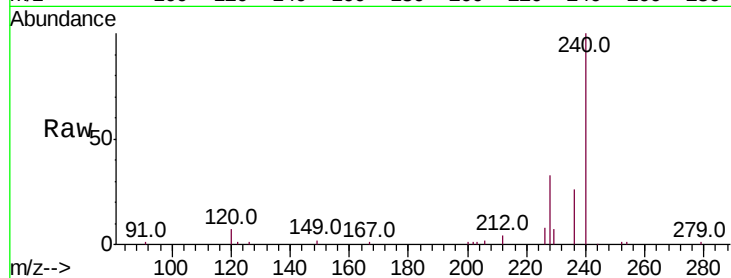
Tot Ion:240 Resp: 17106

Ion Ratio Lower Upper

240 100

120 7.5 7.2 10.8

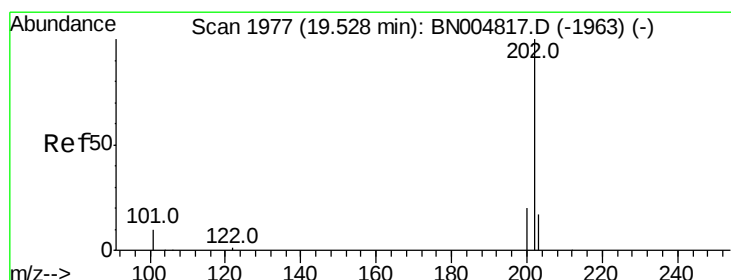
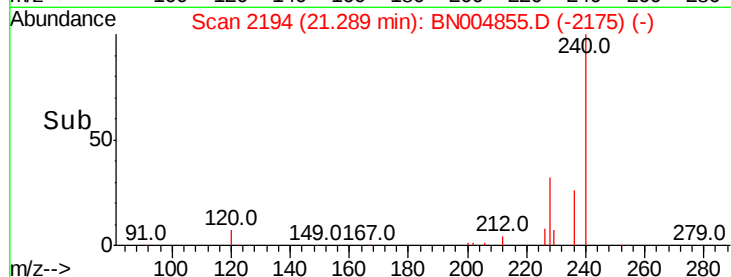
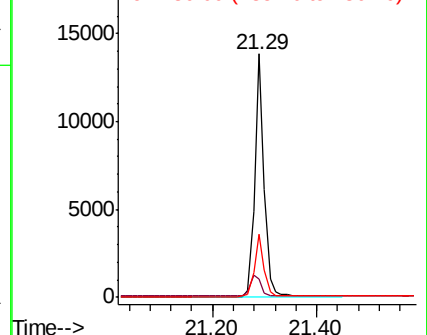
236 25.9 20.9 31.3



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: 0.409 ng

RT: 19.52 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

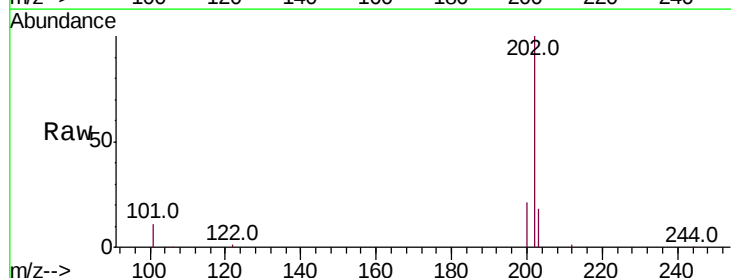
Tgt Ion:202 Resp: 21355

Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

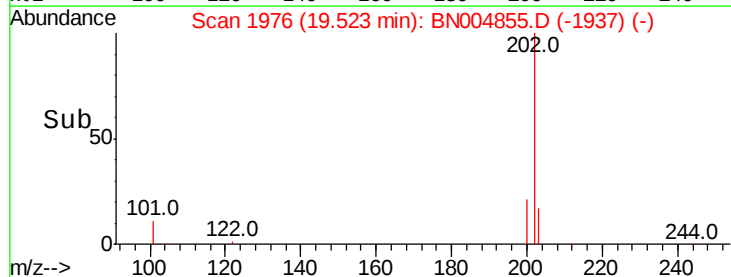
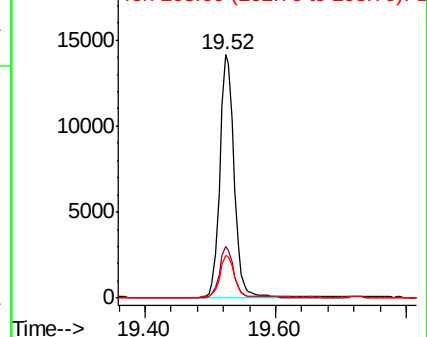
203 17.5 14.0 21.0

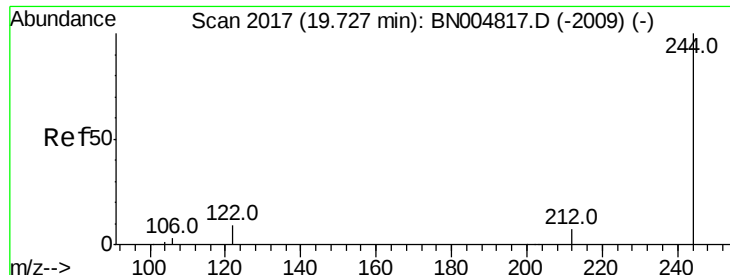


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.398 ng

RT: 19.73 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

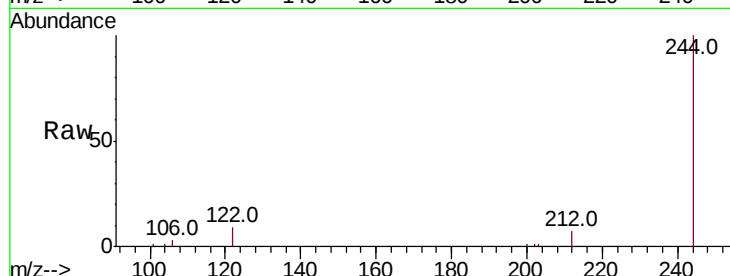
Tot Ion:244 Resp: 13925

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

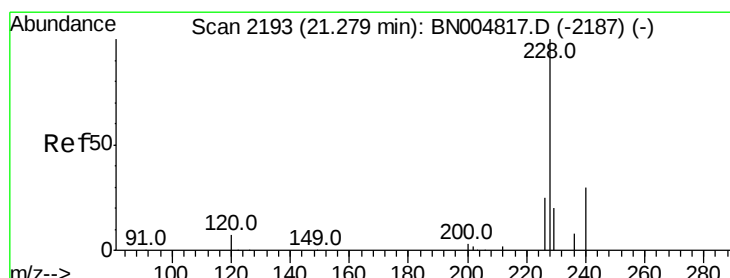
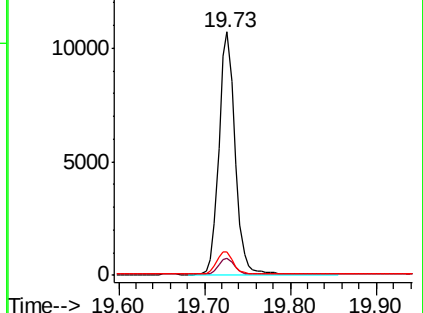
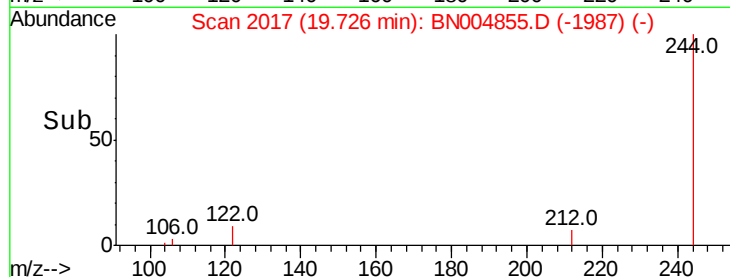
122 9.4 7.9 11.9



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: 0.400 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

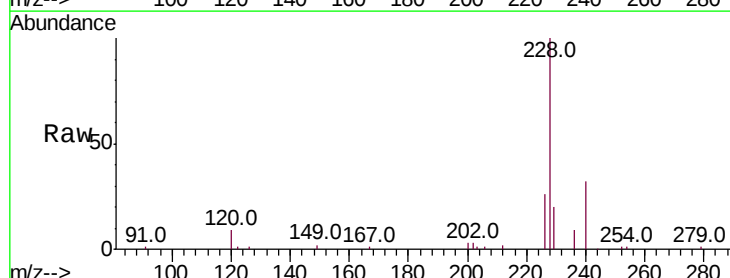
Tgt Ion:228 Resp: 22428

Ion Ratio Lower Upper

228 100

226 26.0 20.6 31.0

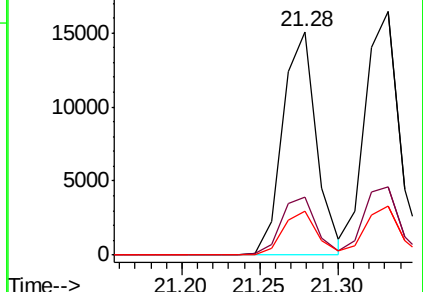
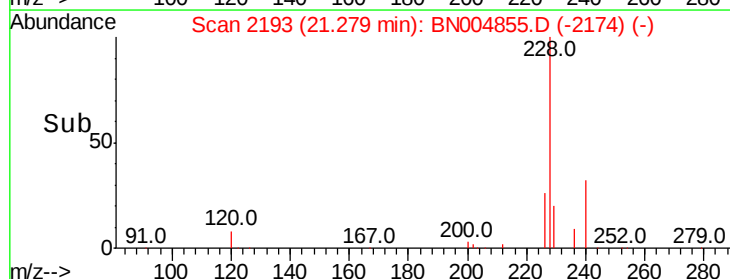
229 19.9 16.2 24.4



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: 0.416 ng

RT: 21.33 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

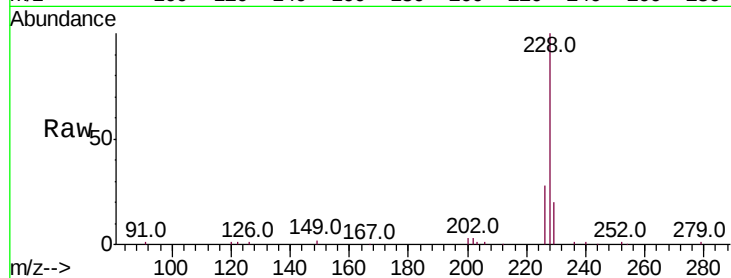
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 24599

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.0	34.6
229	20.2	16.2	24.2

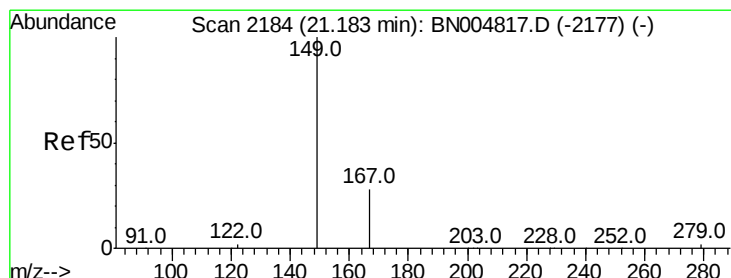
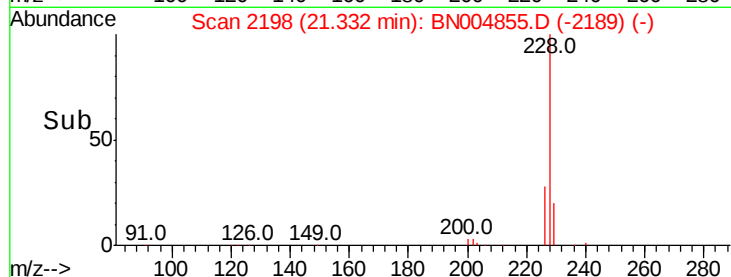
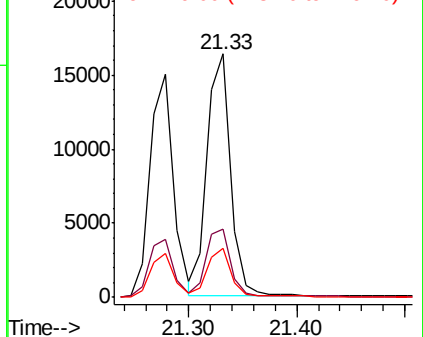


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.394 ng

RT: 21.18 min Scan# 2184

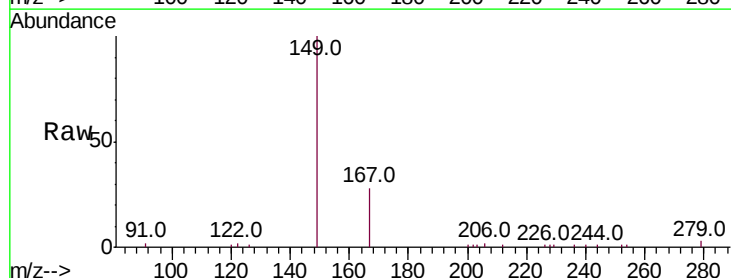
Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Tgt Ion:149 Resp: 8821

Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.0	34.4
279	5.6	4.6	6.8

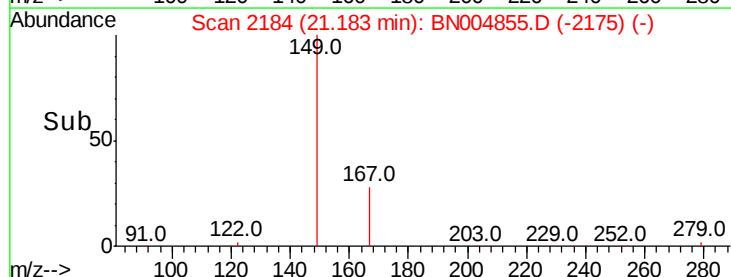
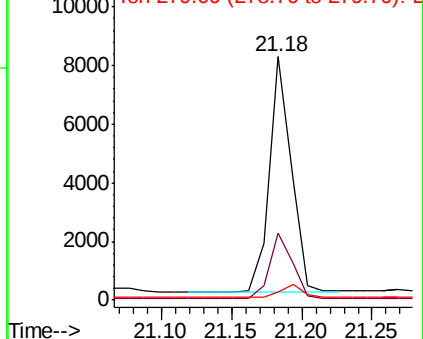


Abundance

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: 0.401 ng

RT: 25.81 min Scan# 3295

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

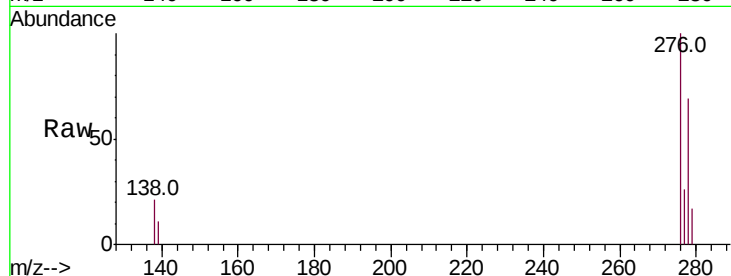
Tot Ion:276 Resp: 34250

Ion Ratio Lower Upper

276 100

138 20.9 16.6 24.8

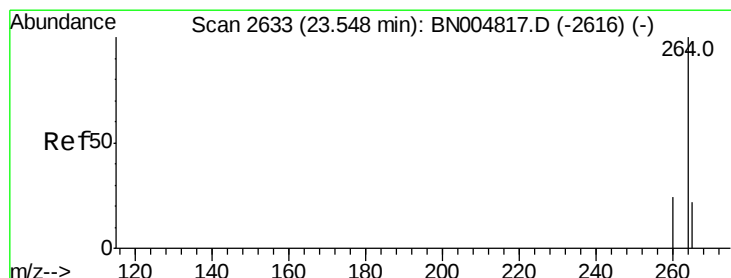
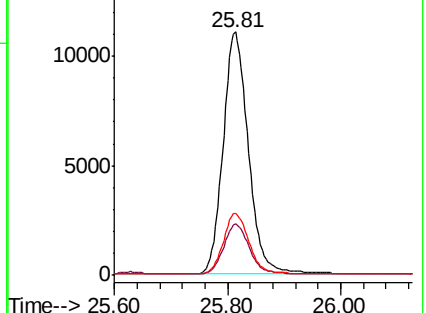
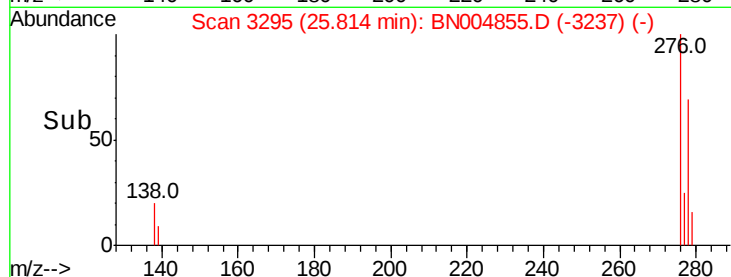
277 25.4 20.3 30.5



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: BN004855.D

Acq: 21 Mar 2019 18:13

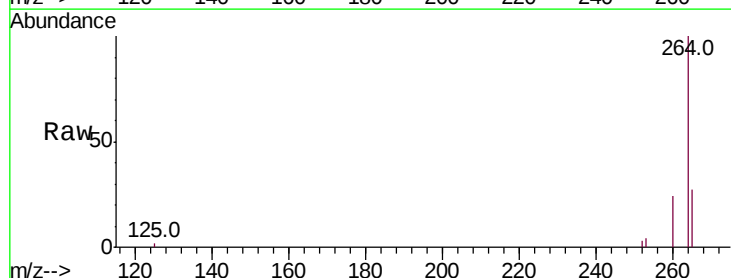
Tgt Ion:264 Resp: 19364

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

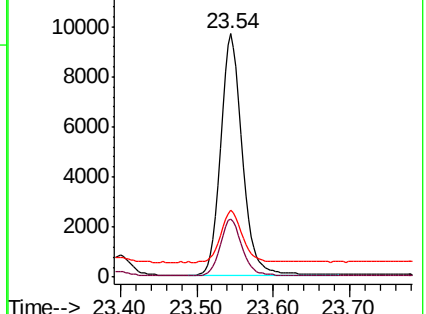
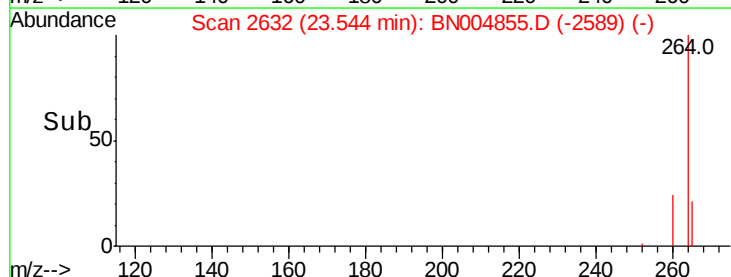
265 27.4 23.1 34.7

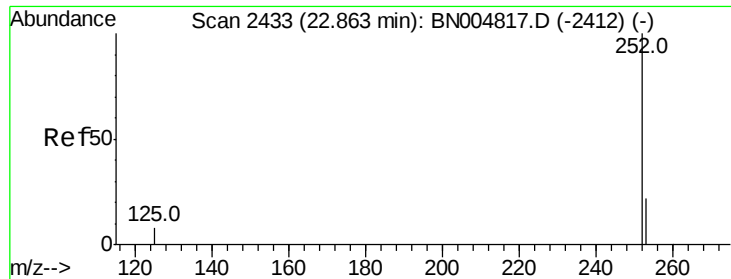


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

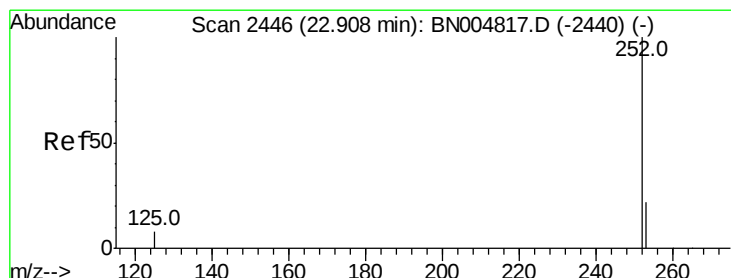
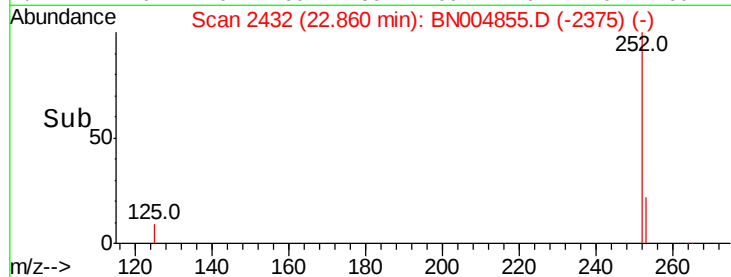
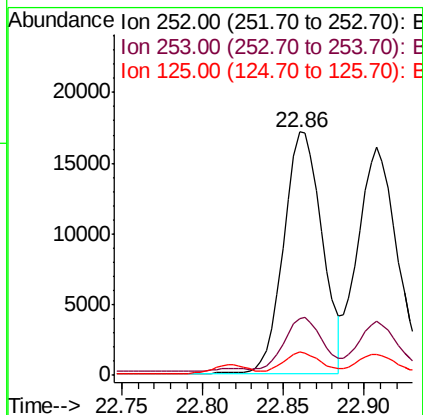
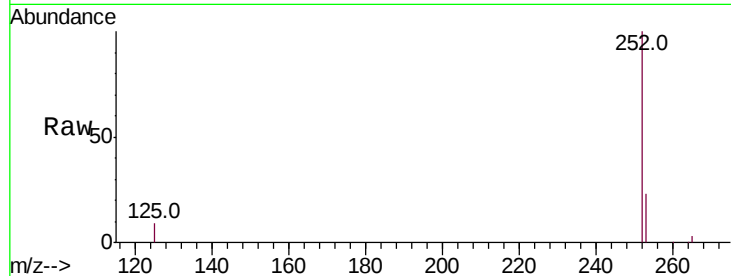




#35
Benzo(b)fluoranthene
Concen: 0.404 ng
RT: 22.86 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BN004855.D
Acq: 21 Mar 2019 18:13

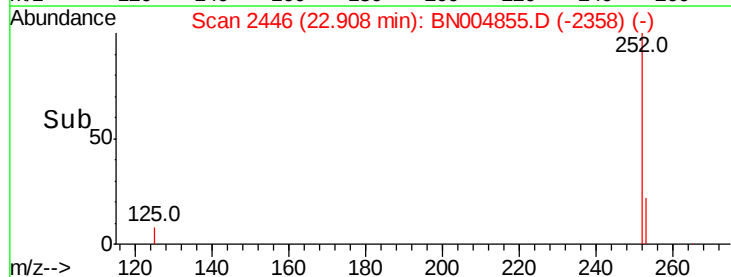
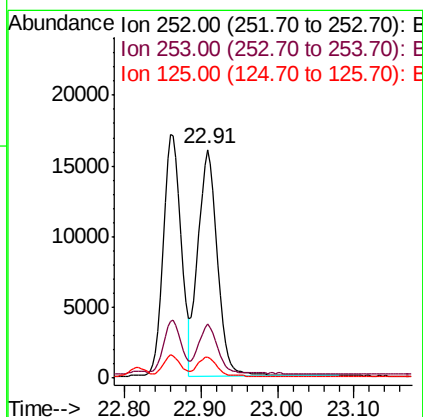
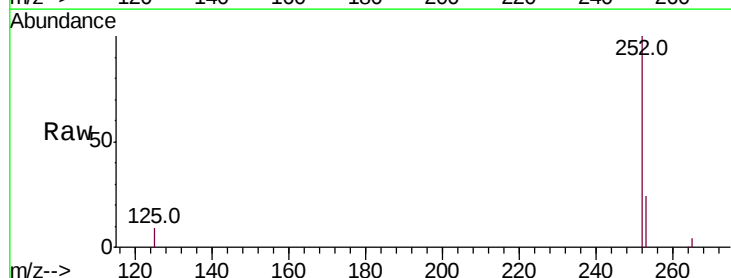
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

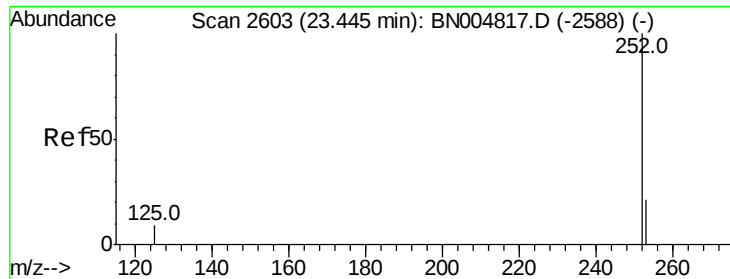
Tot Ion:252 Resp: 28286
Ion Ratio Lower Upper
252 100
253 23.5 19.0 28.4
125 9.4 7.4 11.2



#36
Benzo(k)fluoranthene
Concen: 0.404 ng
RT: 22.91 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BN004855.D
Acq: 21 Mar 2019 18:13

Tgt Ion:252 Resp: 27867
Ion Ratio Lower Upper
252 100
253 23.6 19.3 28.9
125 9.2 7.4 11.0





#37

Benzo(a)pyrene

Concen: 0.400 ng

RT: 23.45 min Scan# 2603

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

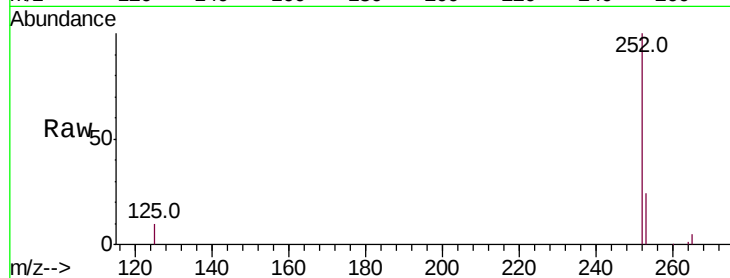
Tot Ion:252 Resp: 25721

Ion Ratio Lower Upper

252 100

253 24.0 19.7 29.5

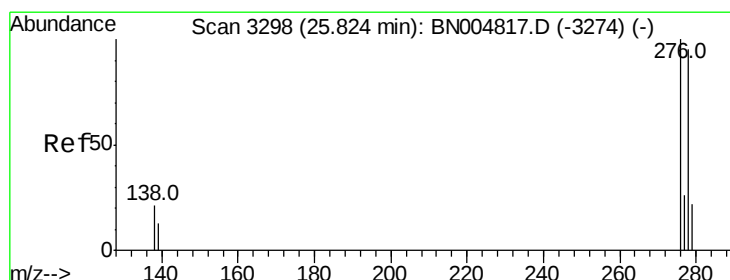
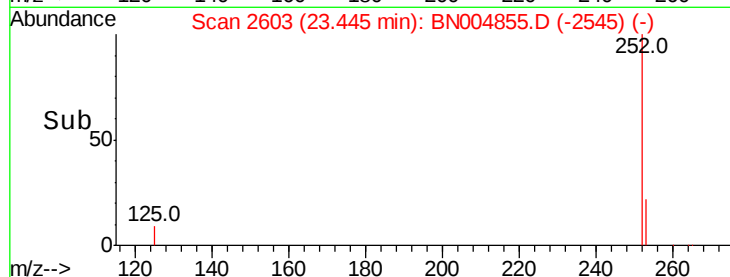
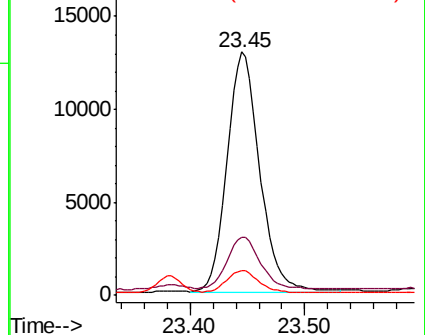
125 10.2 8.3 12.5



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: 0.378 ng

RT: 25.82 min Scan# 3298

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

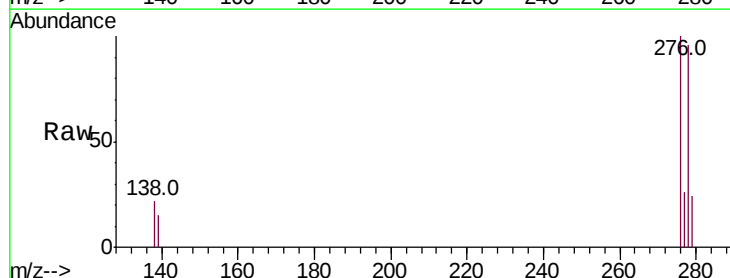
Tgt Ion:278 Resp: 28116

Ion Ratio Lower Upper

278 100

139 15.1 11.7 17.5

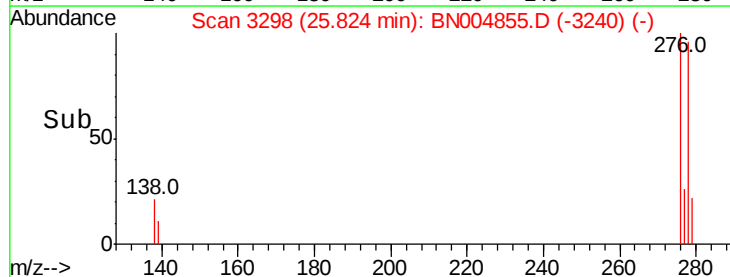
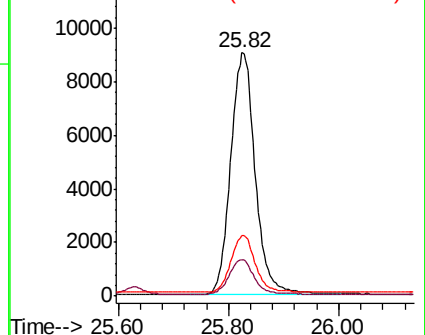
279 24.7 19.9 29.9

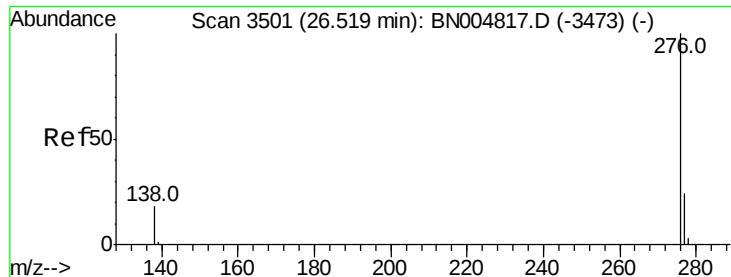


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.372 ng

RT: 26.52 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

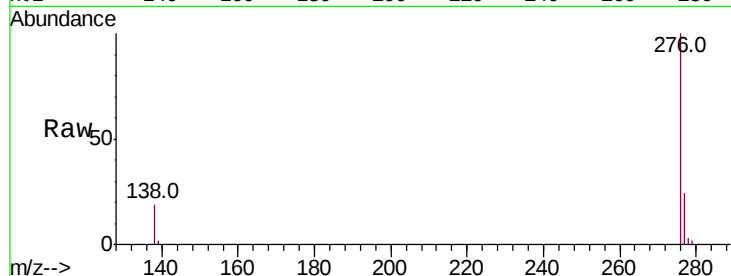
Tot Ion:276 Resp: 28246

Ion Ratio Lower Upper

276 100

277 24.2 19.7 29.5

138 18.5 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

