

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
 Data File : BN007044.D
 Acq On : 10 Aug 2019 11:18
 Operator : HP/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Quant Time: Aug 10 21:33:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 10 21:17:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	6170	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	22507	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	17727	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	66068	0.40	ng	0.00
26) Chrysene-d12	21.05	240	72452	0.40	ng	-0.01
32) Perylene-d12	23.17	264	78058	0.40	ng	0.00

System Monitoring Compounds						
3) 2-Fluorophenol	5.06	112	1870	0.12	ng	0.00
4) Phenol-d6	6.61	99	2331	0.12	ng	0.00
7) Nitrobenzene-d5	8.56	82	2140	0.12	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	5051	0.12	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	1111	0.13	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	2838	0.10	ng	0.00
24) Fluoranthene-d10	18.87	212	26085	0.11	ng	0.00
28) Terphenyl-d14	19.49	244	22476	0.11	ng	0.00

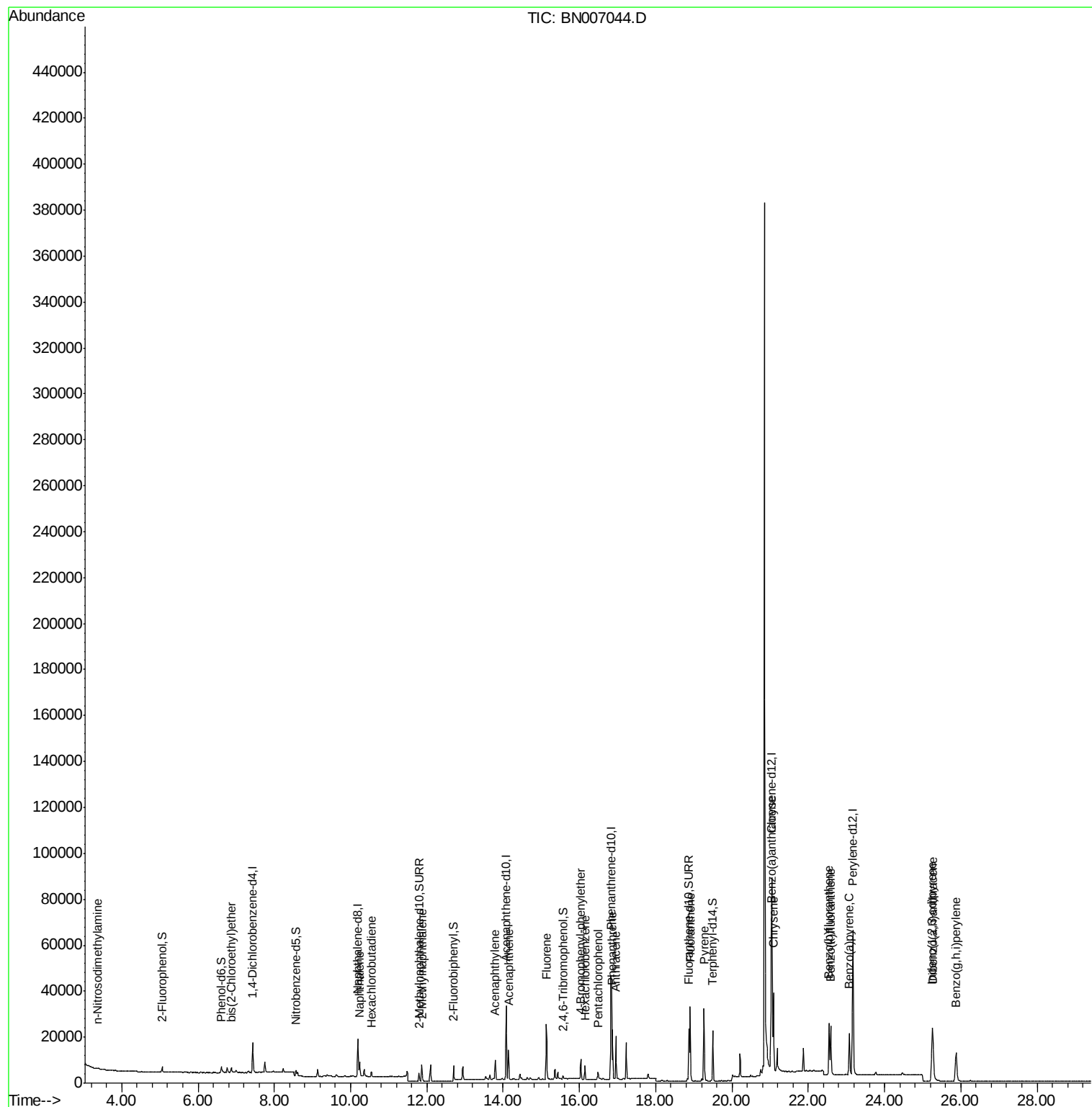
Target Compounds				Qvalue		
2) n-Nitrosodimethylamine	3.37	42	427	0.121	ng	# 87
5) bis(2-Chloroethyl)ether	6.87	93	2021	0.116	ng	99
8) Naphthalene	10.24	128	7753	0.117	ng	97
9) Hexachlorobutadiene	10.55	225	1654	0.116	ng	# 99
11) 2-Methylnaphthalene	11.87	142	5422	0.117	ng	96
15) Acenaphthylene	13.79	152	10078	0.108	ng	100
16) Acenaphthene	14.14	154	6688	0.111	ng	99
17) Fluorene	15.14	166	10837	0.124	ng	100
19) 4-Bromophenyl-phenylether	16.04	248	4603	0.105	ng	98
20) Hexachlorobenzene	16.14	284	4251	0.104	ng	99
21) Pentachlorophenol	16.48	266	1580	0.111	ng	98
22) Phenanthrene	16.87	178	21867	0.105	ng	99
23) Anthracene	16.96	178	18973	0.105	ng	99
25) Fluoranthene	18.90	202	28545	0.107	ng	100
27) Pyrene	19.27	202	29178	0.107	ng	100
29) Benzo(a)anthracene	21.03	228	28608	0.104	ng	99
30) Chrysene	21.09	228	28632	0.106	ng	99
31) Indeno(1,2,3-cd)pyrene	25.25	276	31232	0.108	ng	99
33) Benzo(b)fluoranthene	22.54	252	26901	0.099	ng	97
34) Benzo(k)fluoranthene	22.59	252	26790	0.099	ng	97
35) Benzo(a)pyrene	23.08	252	25026	0.102	ng	98
36) Dibenzo(a,h)anthracene	25.27	278	25578	0.105	ng	96
37) Benzo(g,h,i)perylene	25.88	276	26107	0.102	ng	98

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

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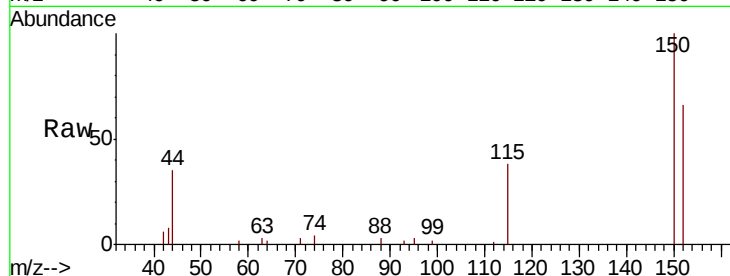


#1

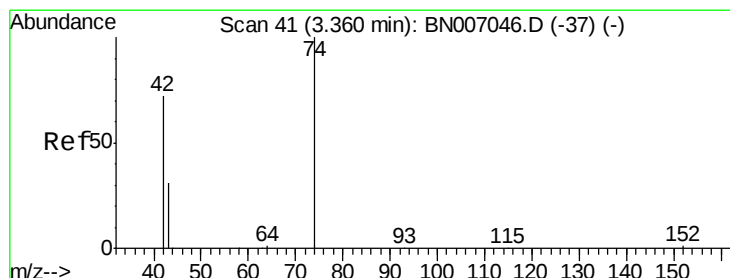
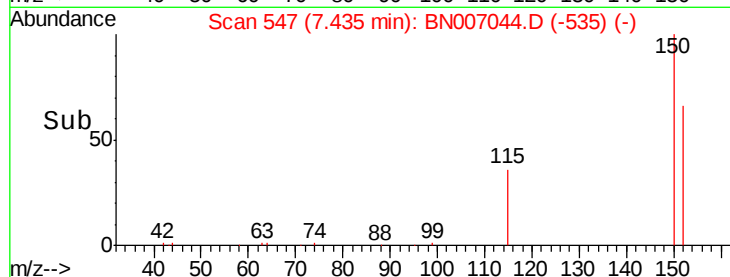
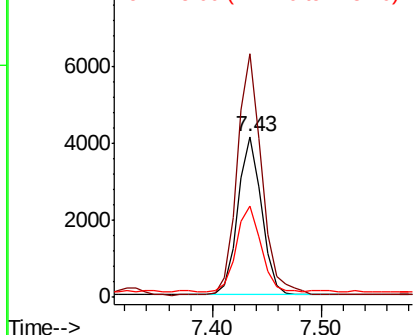
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tgt Ion:152 Resp: 6170
Ion Ratio Lower Upper
152 100
150 151.4 121.7 182.5
115 56.9 46.2 69.4



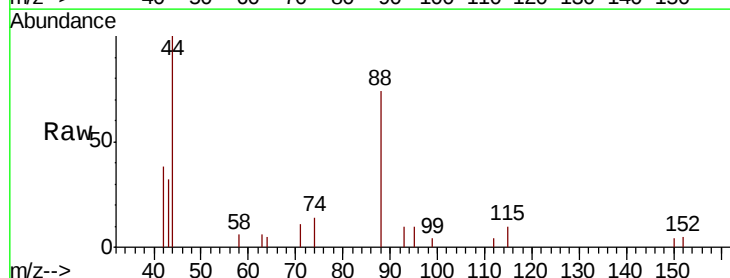
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



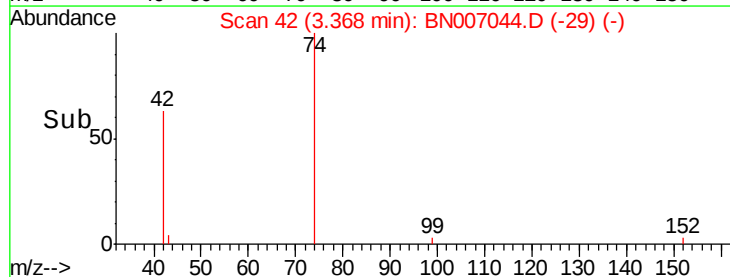
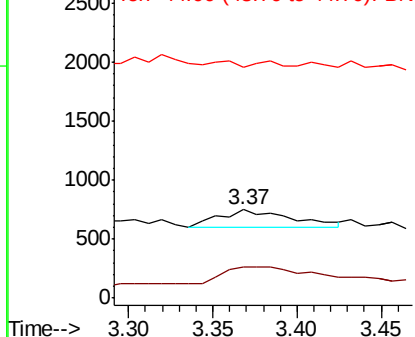
#2

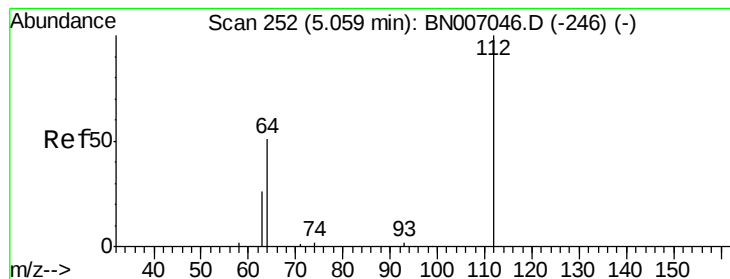
n-Nitrosodimethylamine
Concen: 0.121 ng
RT: 3.37 min Scan# 42
Delta R.T. 0.01 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Tgt Ion: 42 Resp: 427
Ion Ratio Lower Upper
42 100
74 122.2 110.6 166.0
44 10.1 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#3

2-Fluorophenol

Concen: 0.117 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

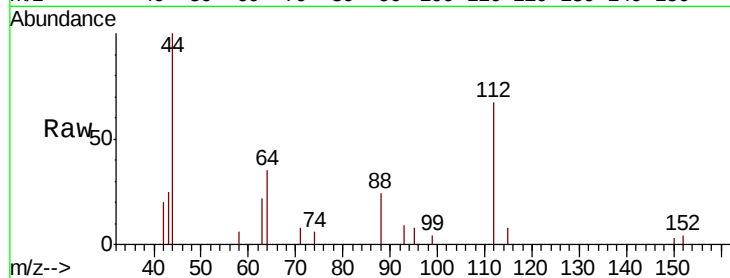
Tgt Ion: 112 Resp: 1870

Ion Ratio Lower Upper

112 100

64 54.2 42.6 63.8

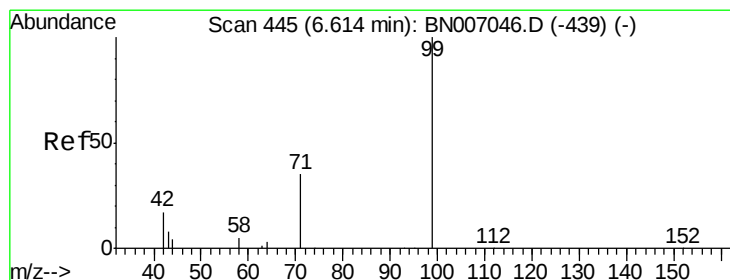
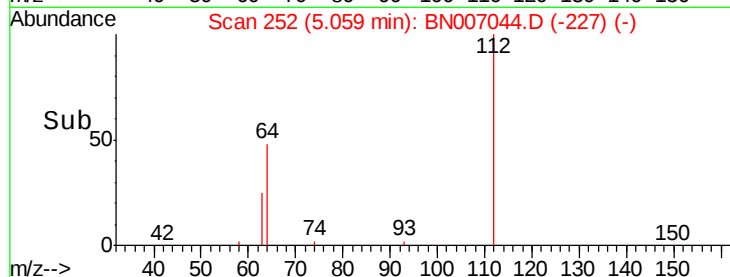
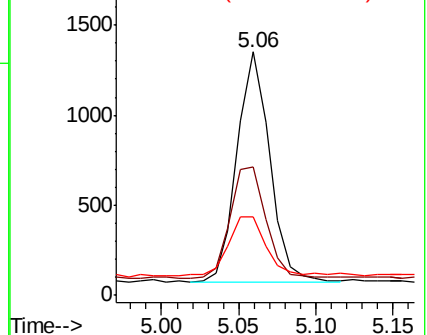
63 30.7 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#4

Phenol-d6

Concen: 0.120 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

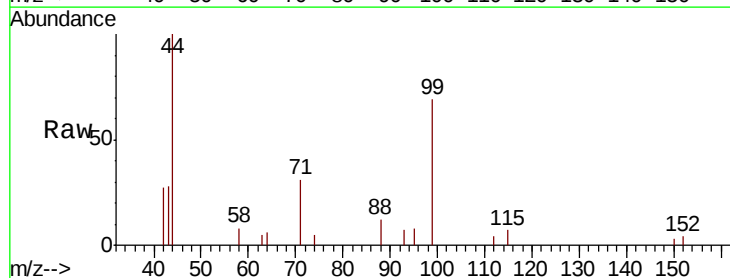
Tgt Ion: 99 Resp: 2331

Ion Ratio Lower Upper

99 100

42 23.0 15.8 23.6

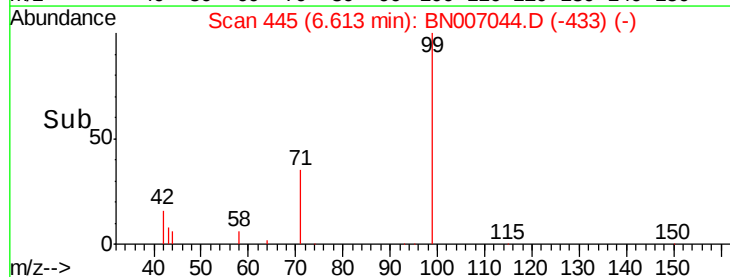
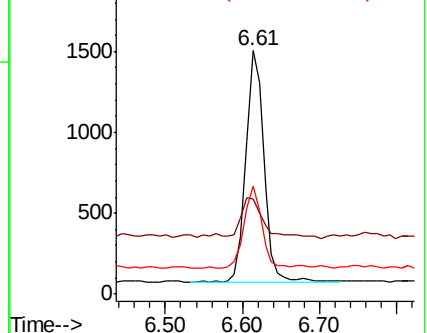
71 35.5 27.0 40.4

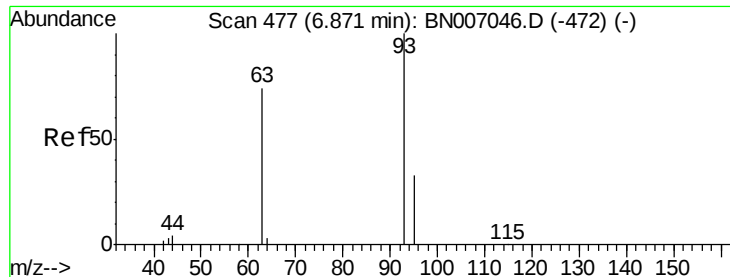


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 0.116 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

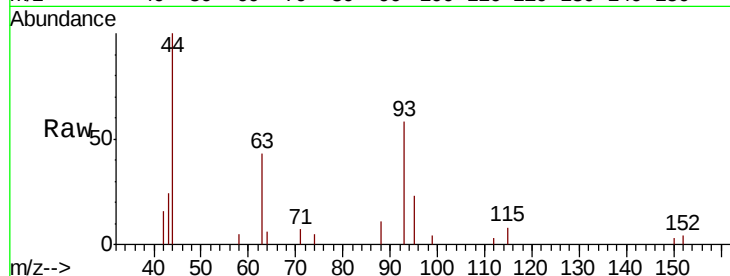
Tgt Ion: 93 Resp: 2021

Ion Ratio Lower Upper

93 100

63 69.5 55.6 83.4

95 34.2 26.7 40.1

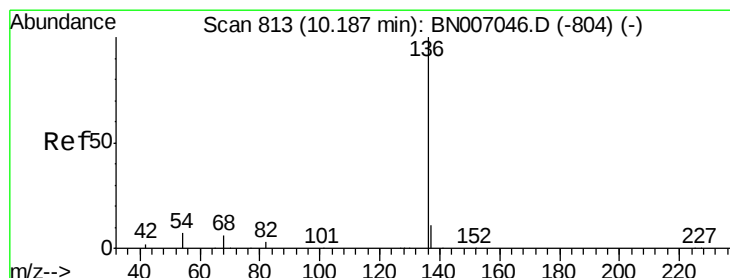
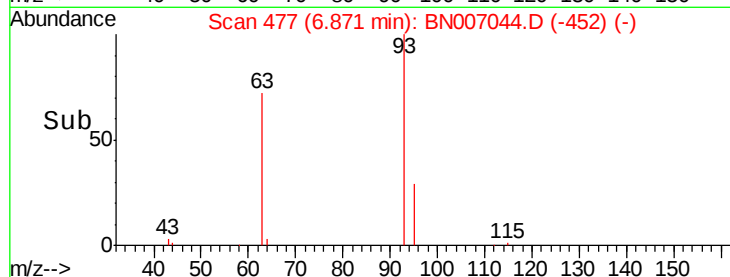
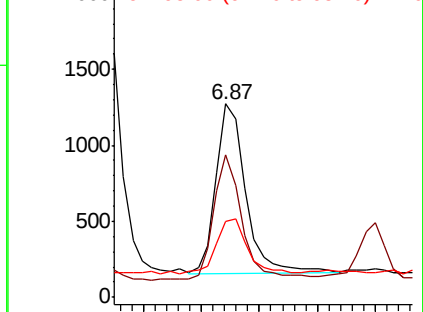


Abundance

Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

Tgt Ion: 136 Resp: 22507

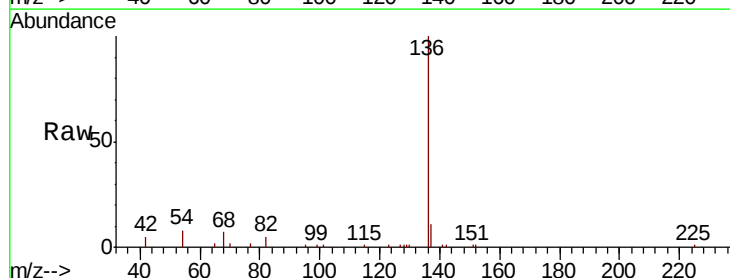
Ion Ratio Lower Upper

136 100

137 11.4 9.4 14.0

54 8.2 6.6 9.8

68 7.4 6.0 9.0



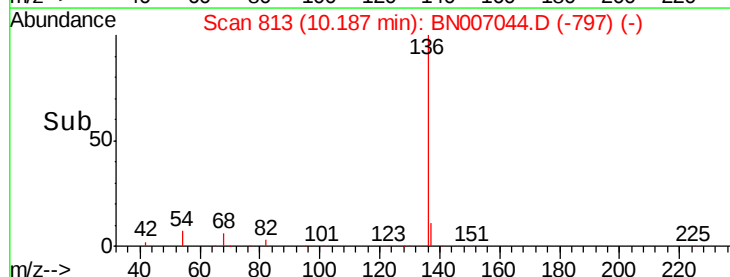
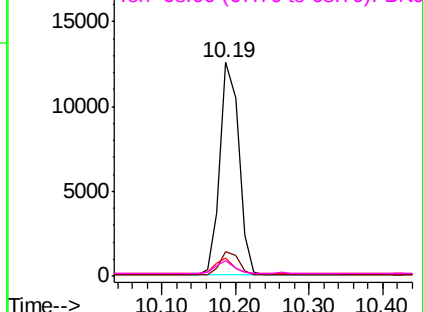
Abundance

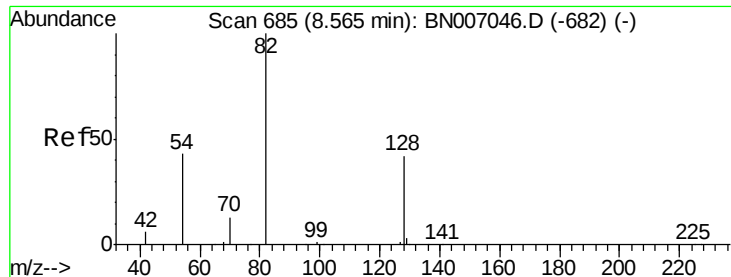
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0





#7

Nitrobenzene-d5

Concen: 0.122 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

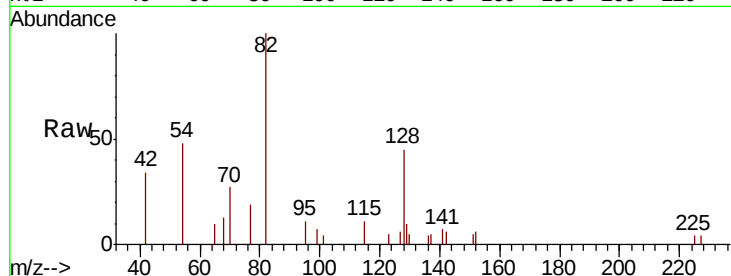
Tgt Ion: 82 Resp: 2140

Ion Ratio Lower Upper

82 100

128 45.0 34.6 51.8

54 48.4 36.2 54.4

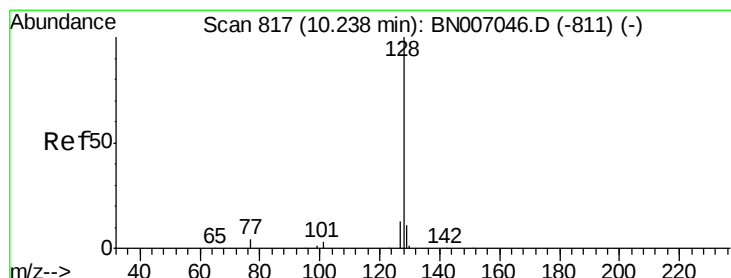
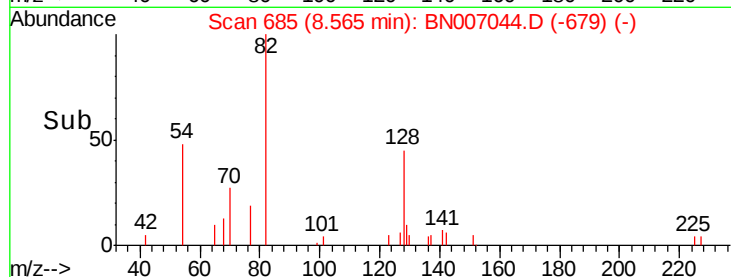
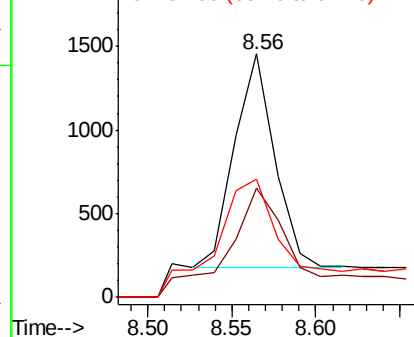


Abundance

Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



#8

Naphthalene

Concen: 0.117 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

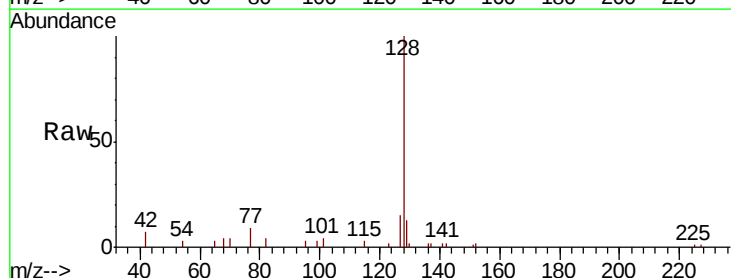
Tgt Ion: 128 Resp: 7753

Ion Ratio Lower Upper

128 100

129 13.4 9.4 14.2

127 14.7 11.0 16.6

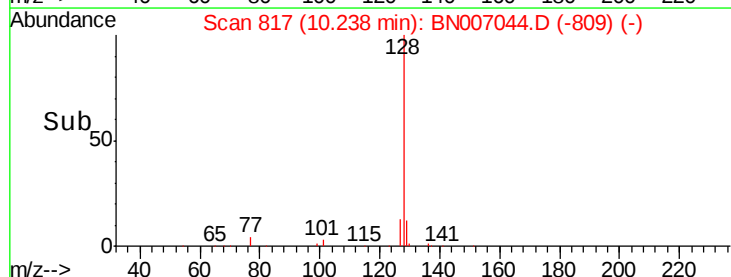
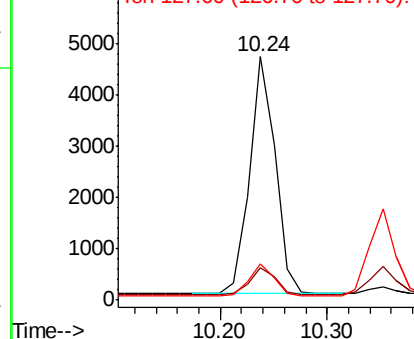


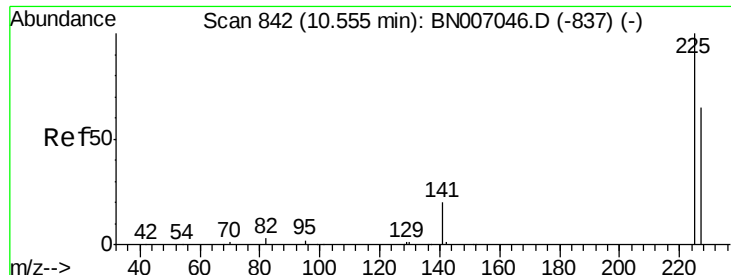
Abundance

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





#9

Hexachlorobutadiene

Concen: 0.116 ng

RT: 10.55 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

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ClientSampleId :

SSTDICC0.1

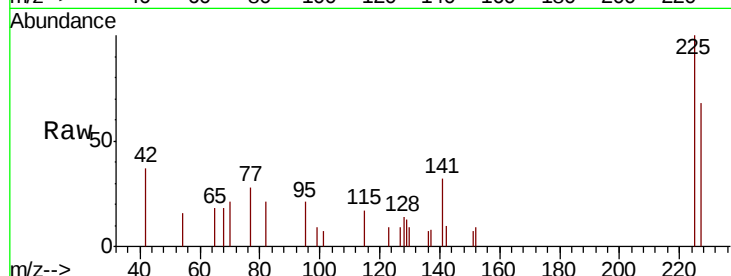
Tgt Ion: 225 Resp: 1654

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

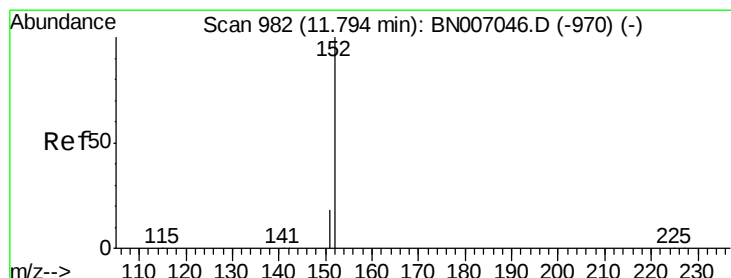
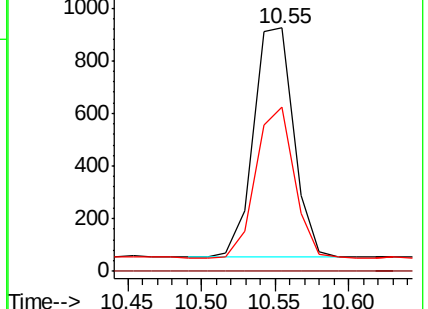
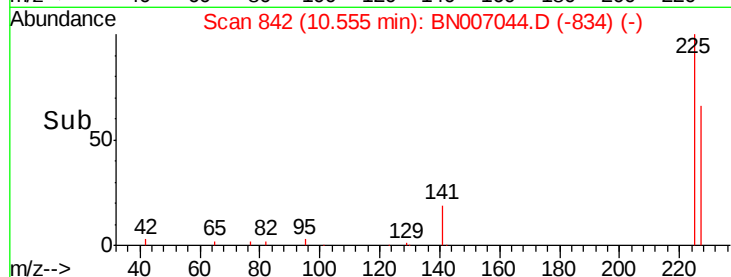
227 63.0 51.1 76.7



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



#10

2-Methylnaphthalene-d10

Concen: 0.117 ng

RT: 11.79 min Scan# 982

Delta R.T. -0.00 min

Lab File: BN007044.D

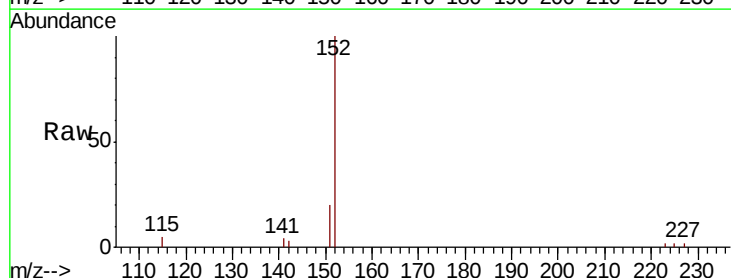
Acq: 10 Aug 2019 11:18

Tgt Ion: 152 Resp: 5051

Ion Ratio Lower Upper

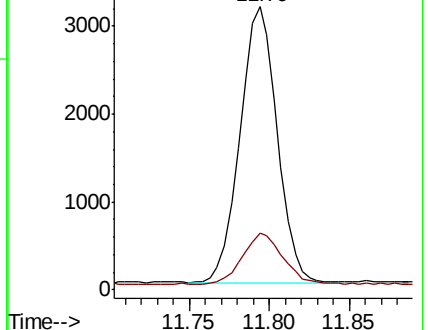
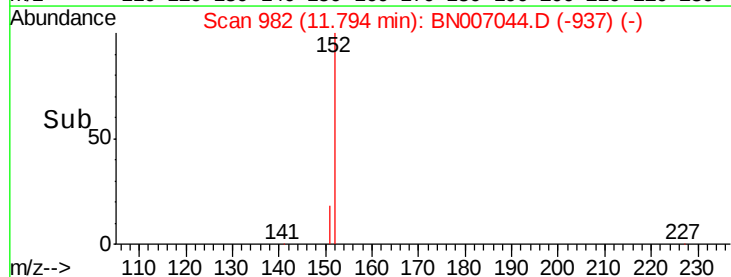
152 100

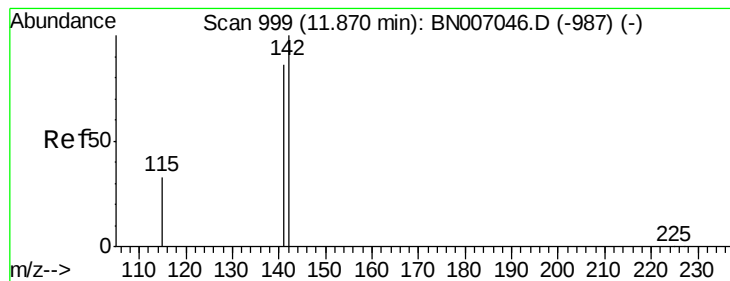
151 20.2 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.117 ng

RT: 11.87 min Scan# 998

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

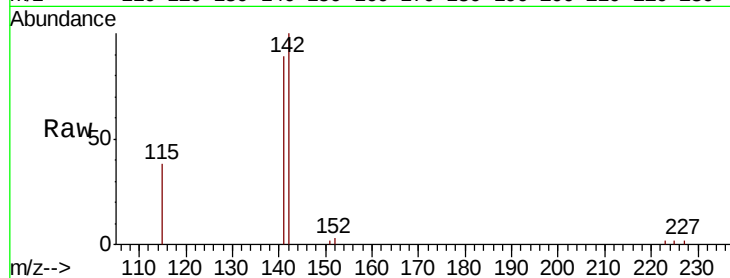
Tgt Ion:142 Resp: 5422

Ion Ratio Lower Upper

142 100

141 88.8 69.0 103.6

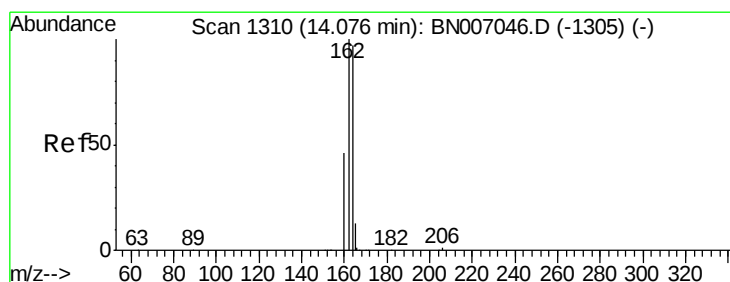
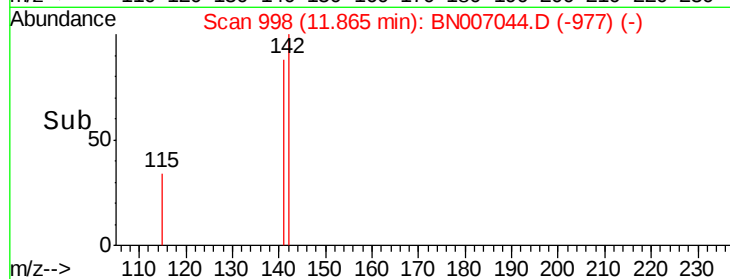
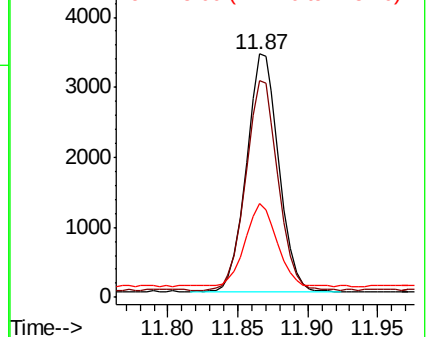
115 38.4 27.1 40.7



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



#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.08 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

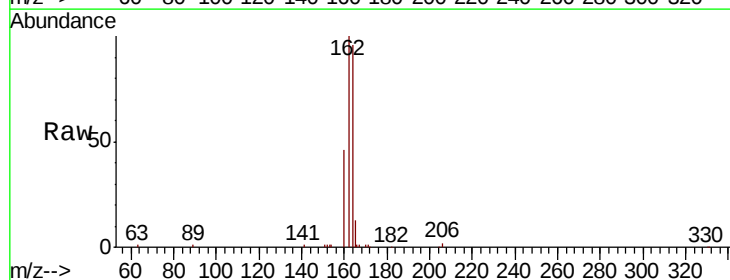
Tgt Ion:164 Resp: 17727

Ion Ratio Lower Upper

164 100

162 103.9 82.2 123.4

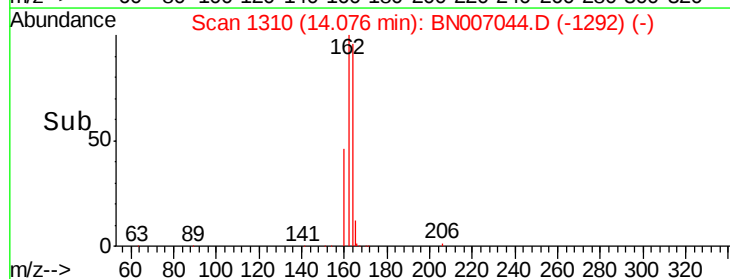
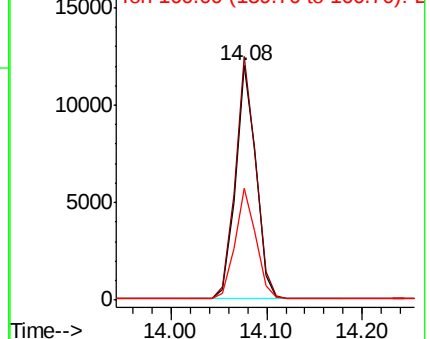
160 47.9 38.3 57.5

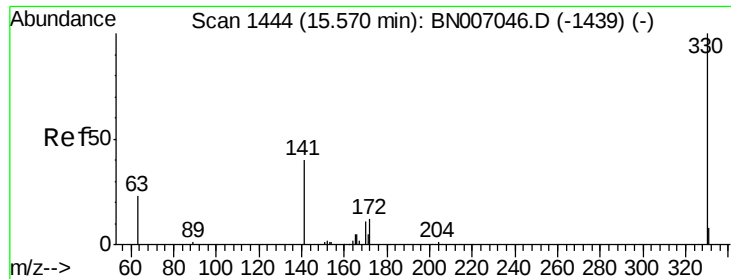


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

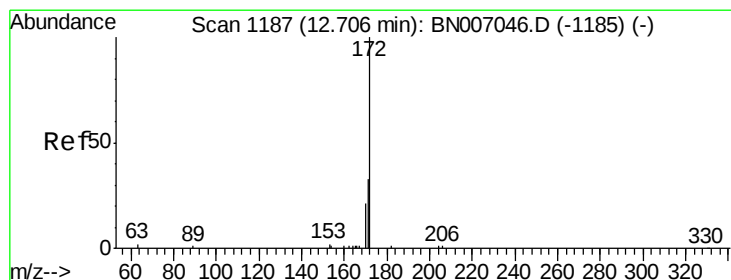
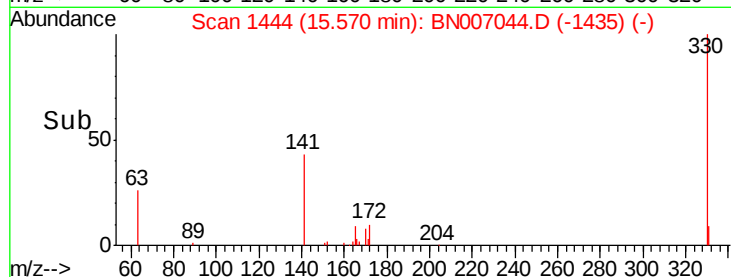
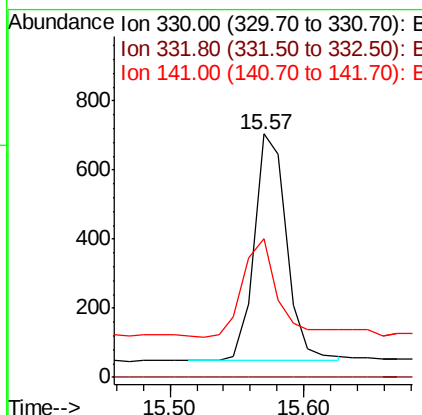
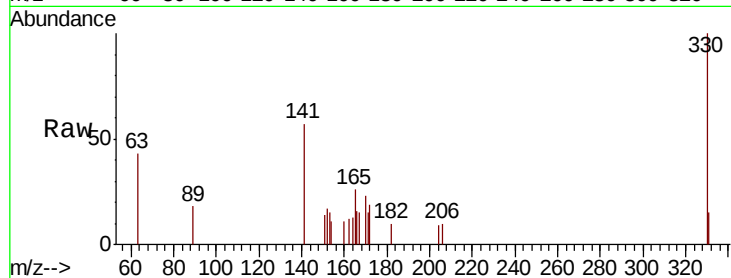




#13
 2,4,6-Tribromophenol
 Concen: 0.133 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007044.D
 Acq: 10 Aug 2019 11:18

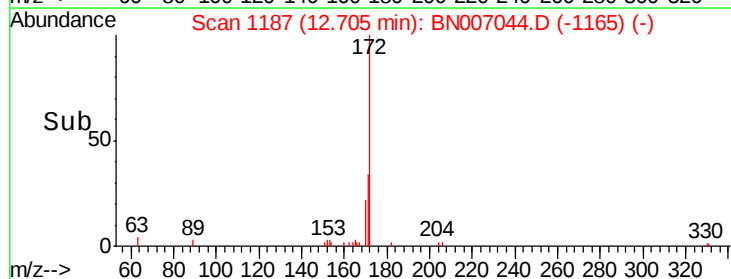
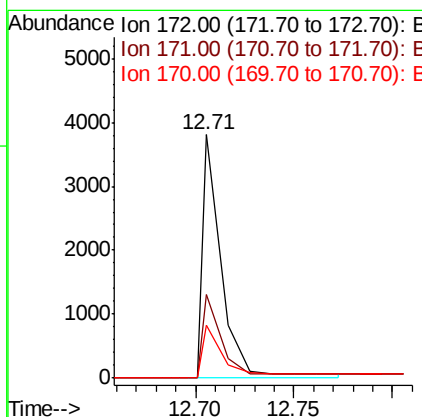
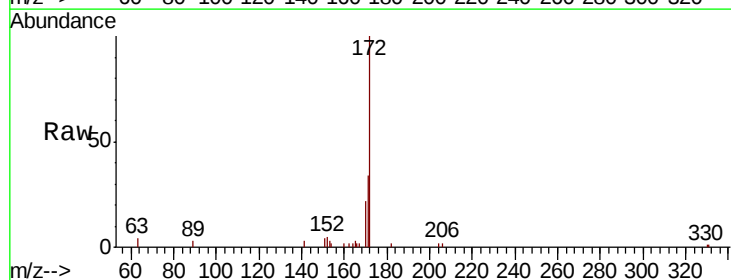
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

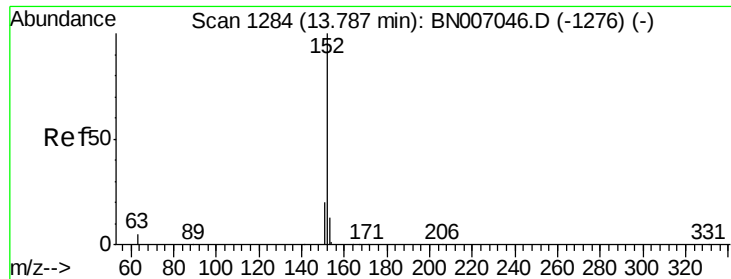
Tgt Ion: 330 Resp: 1111
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 47.6 33.6 50.4



#14
 2-Fluorobiphenyl
 Concen: 0.096 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007044.D
 Acq: 10 Aug 2019 11:18

Tgt Ion: 172 Resp: 2838
 Ion Ratio Lower Upper
 172 100
 171 34.5 26.3 39.5
 170 21.6 17.0 25.4





#15

Acenaphthylene

Concen: 0.108 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

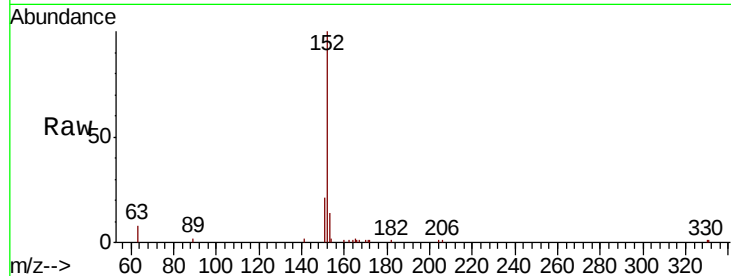
Tgt Ion:152 Resp: 10078

Ion Ratio Lower Upper

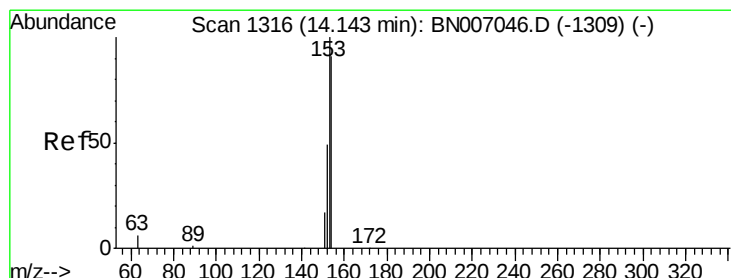
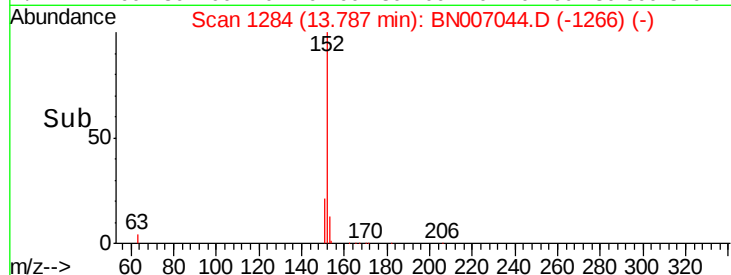
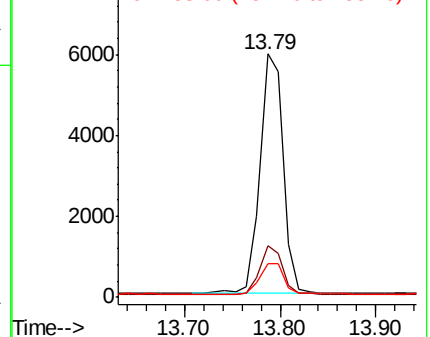
152 100

151 19.6 15.8 23.6

153 13.1 10.4 15.6



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



#16

Acenaphthene

Concen: 0.111 ng

RT: 14.14 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

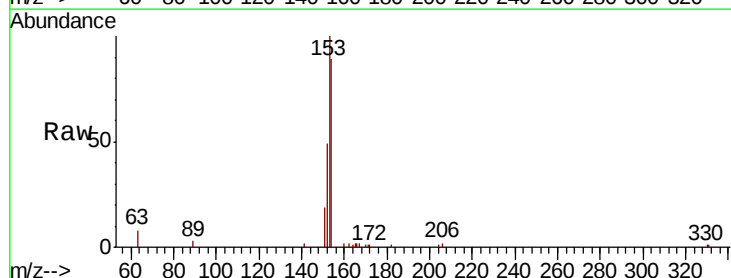
Tgt Ion:154 Resp: 6688

Ion Ratio Lower Upper

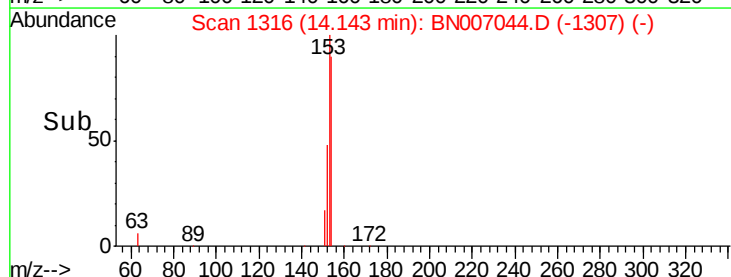
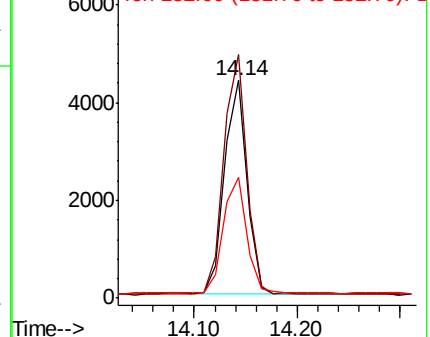
154 100

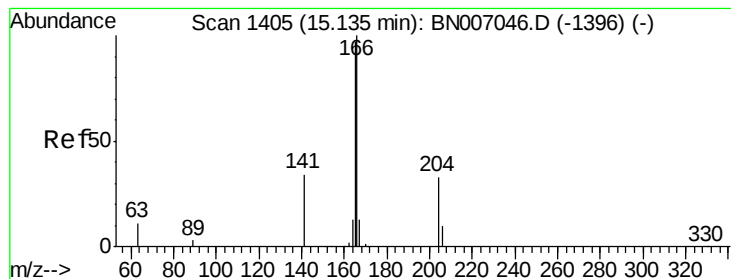
153 112.9 89.5 134.3

152 56.3 44.8 67.2



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





#17

Fluorene

Concen: 0.124 ng

RT: 15.14 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

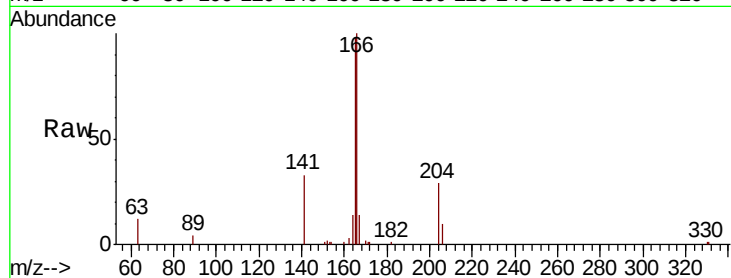
Tgt Ion:166 Resp: 10837

Ion Ratio Lower Upper

166 100

165 97.4 77.9 116.9

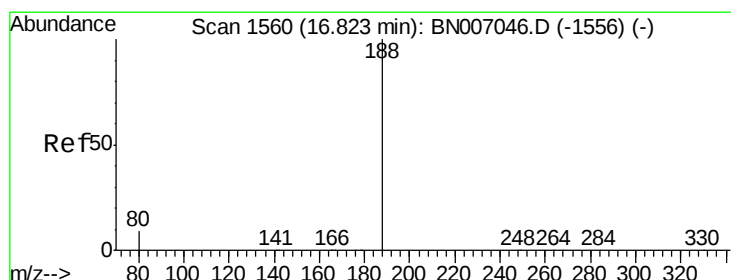
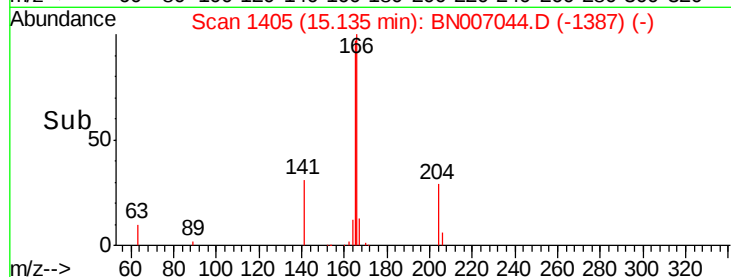
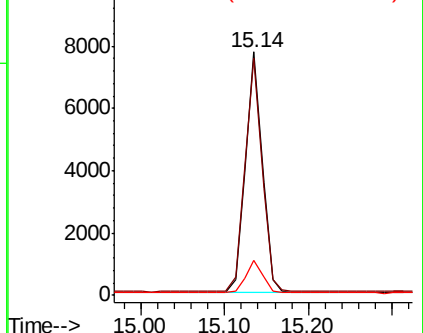
167 13.8 10.9 16.3



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



#18

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.82 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

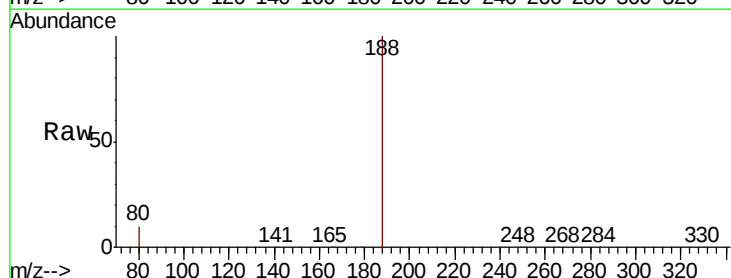
Tgt Ion:188 Resp: 66068

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

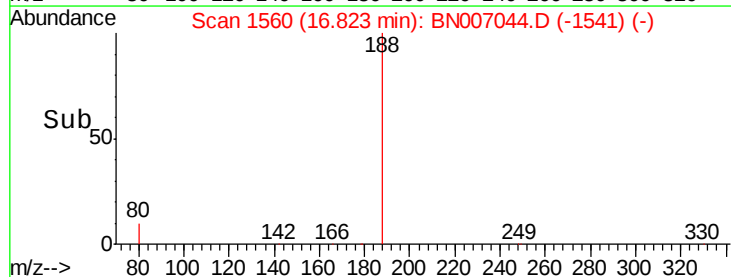
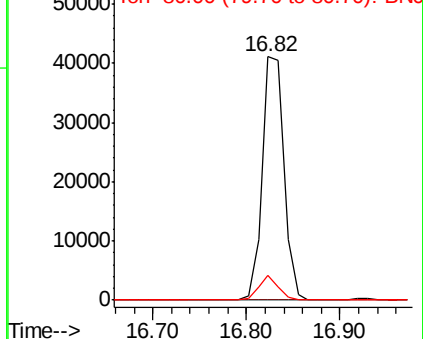
80 10.4 7.8 11.6

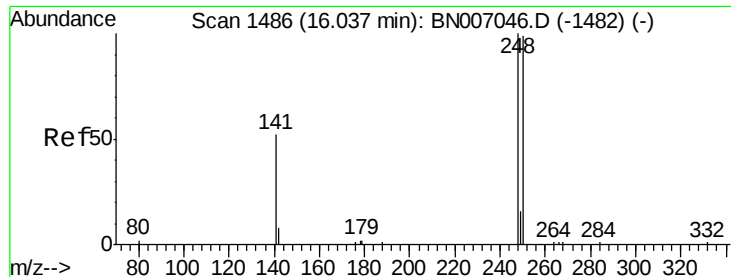


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#19

4-Bromophenyl-phenylether

Concen: 0.105 ng

RT: 16.04 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

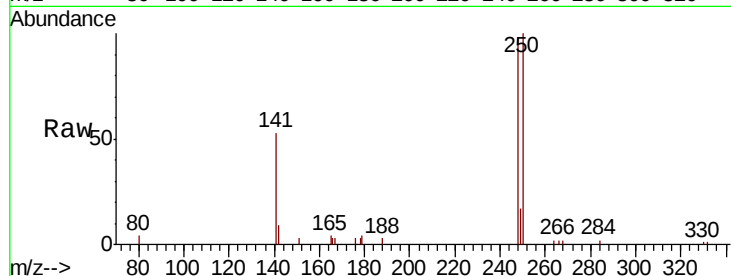
Tgt Ion:248 Resp: 4603

Ion Ratio Lower Upper

248 100

250 101.6 78.9 118.3

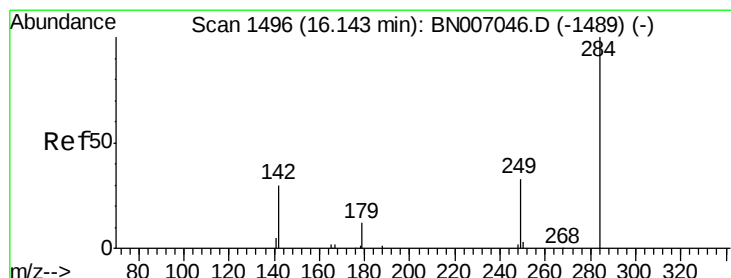
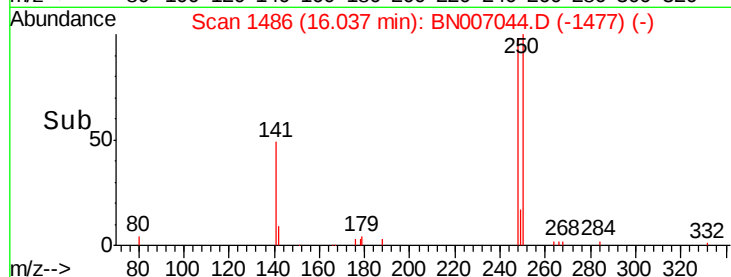
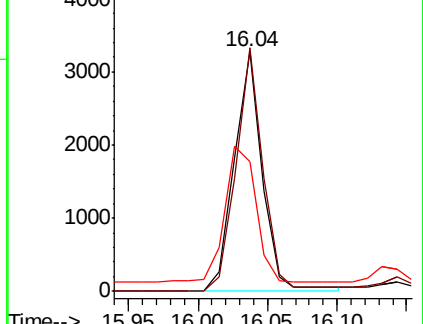
141 54.0 43.3 64.9



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



#20

Hexachlorobenzene

Concen: 0.104 ng

RT: 16.14 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

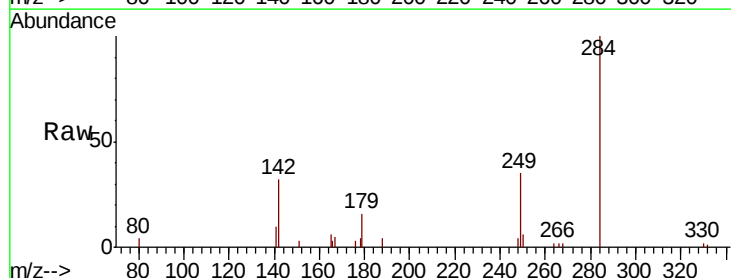
Tgt Ion:284 Resp: 4251

Ion Ratio Lower Upper

284 100

142 38.6 30.5 45.7

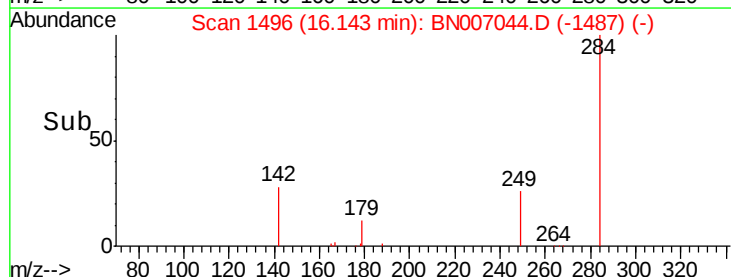
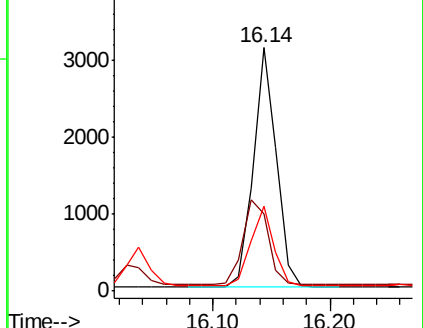
249 33.2 26.7 40.1



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

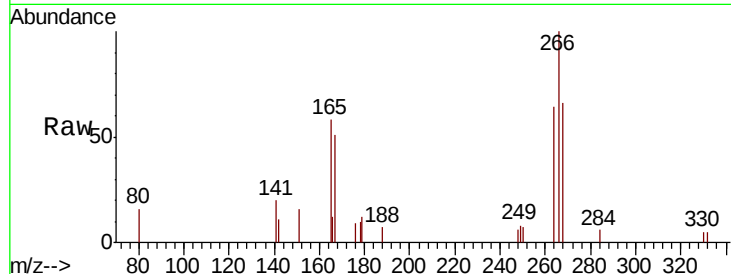




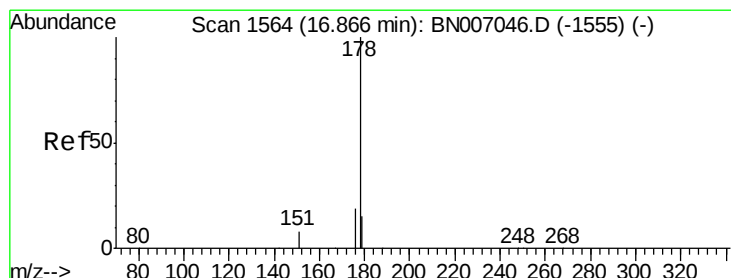
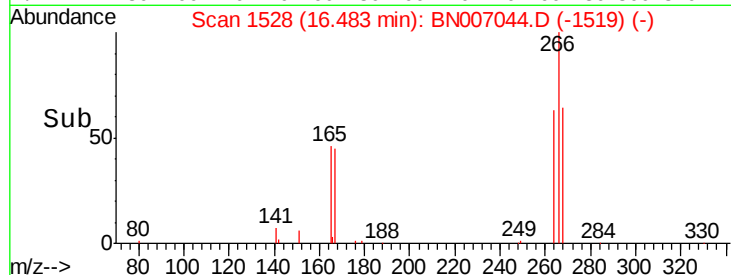
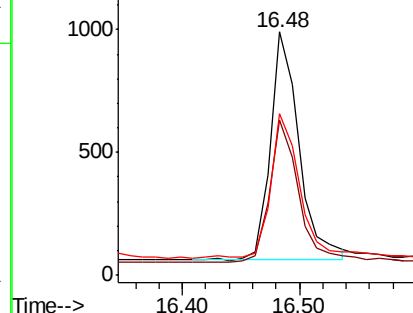
#21
 Pentachlorophenol
 Concen: 0.111 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007044.D
 Acq: 10 Aug 2019 11:18

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Tgt Ion: 266 Resp: 1580
 Ion Ratio Lower Upper
 266 100
 264 64.0 52.3 78.5
 268 66.5 51.5 77.3

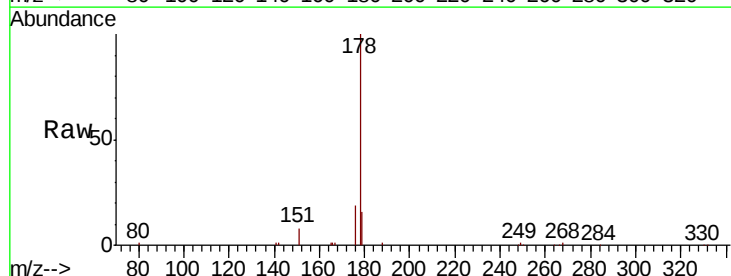


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

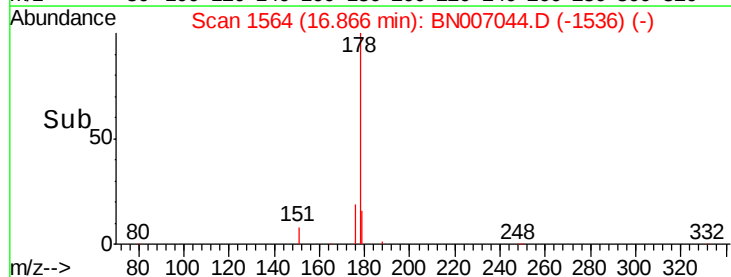
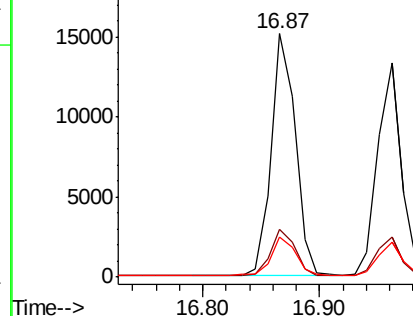


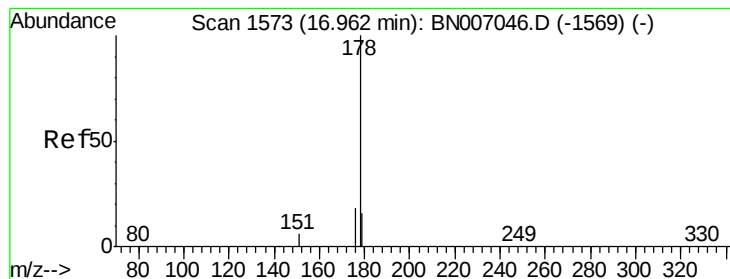
#22
 Phenanthrene
 Concen: 0.105 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007044.D
 Acq: 10 Aug 2019 11:18

Tgt Ion: 178 Resp: 21867
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.2 22.8
 179 16.0 12.3 18.5



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





#23

Anthracene

Concen: 0.105 ng

RT: 16.96 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

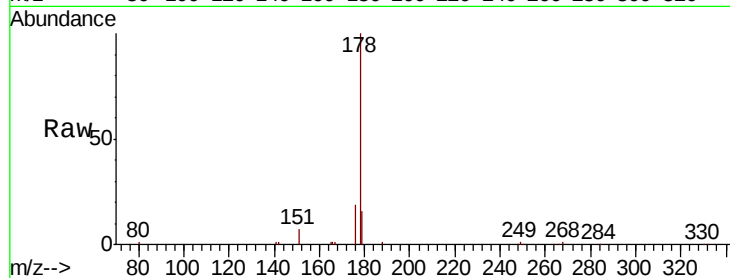
Tgt Ion:178 Resp: 18973

Ion Ratio Lower Upper

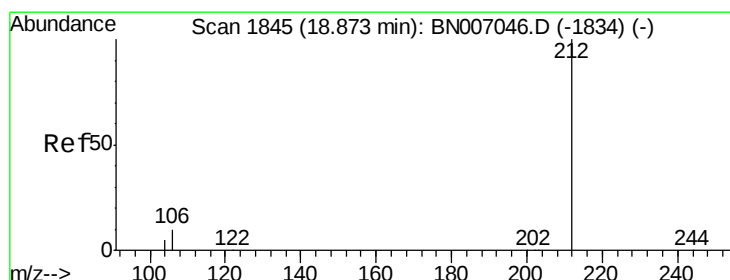
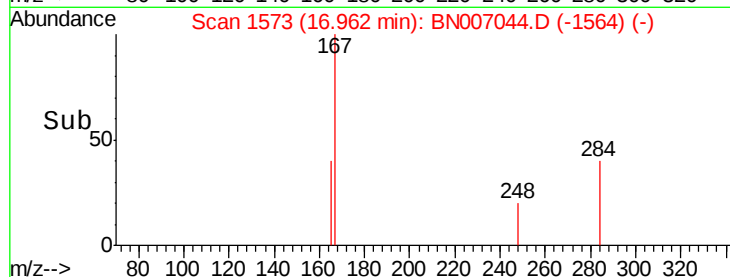
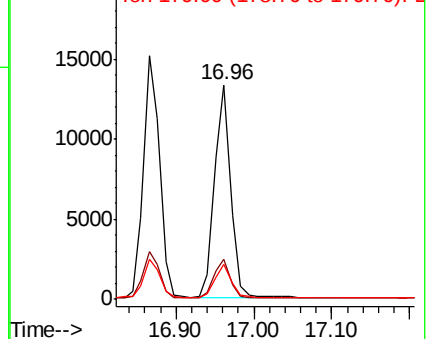
178 100

176 18.2 14.6 21.8

179 16.1 12.5 18.7



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

Fluoranthene-d10

Concen: 0.107 ng

RT: 18.87 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

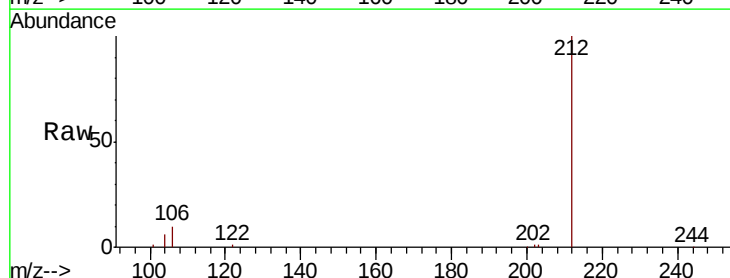
Tgt Ion:212 Resp: 26085

Ion Ratio Lower Upper

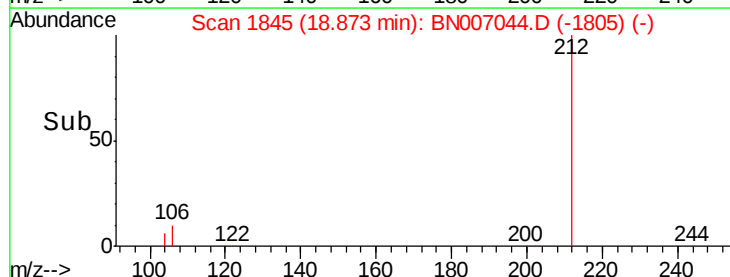
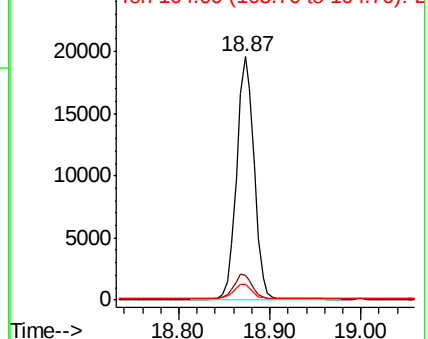
212 100

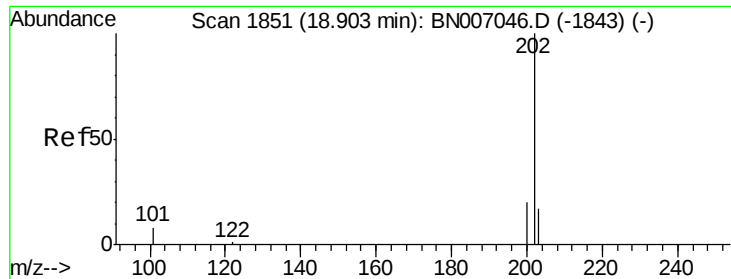
106 10.4 8.2 12.2

104 5.9 4.5 6.7



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





#25

Fluoranthene

Concen: 0.107 ng

RT: 18.90 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

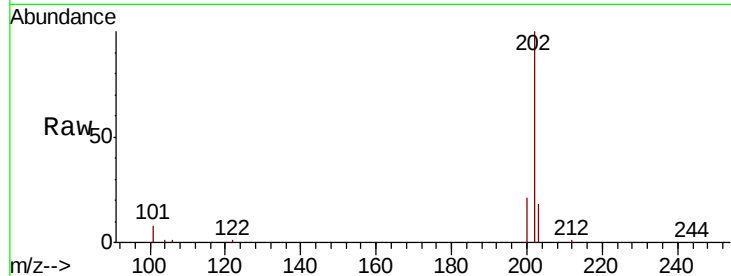
Tgt Ion:202 Resp: 28545

Ion Ratio Lower Upper

202 100

101 8.8 7.0 10.4

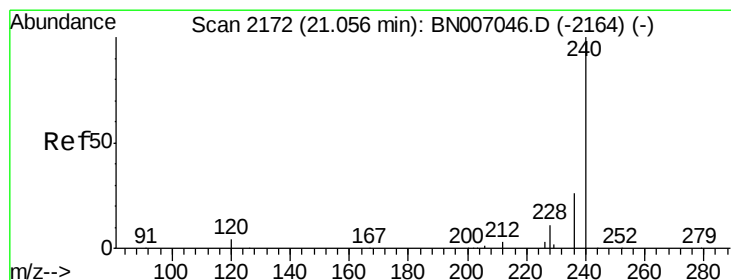
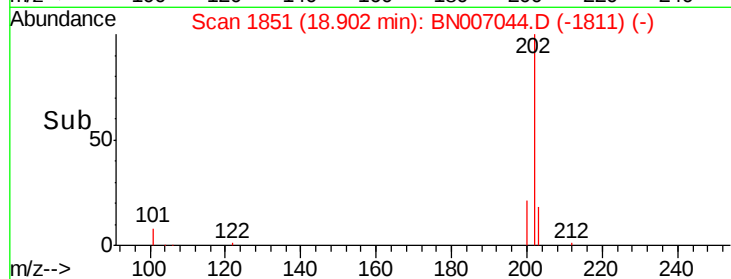
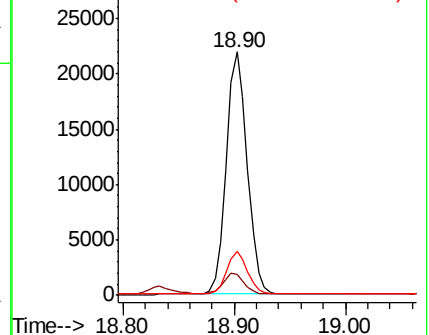
203 17.4 13.8 20.8



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



#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.05 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

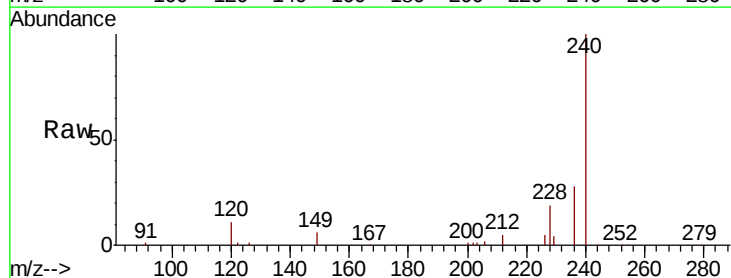
Tgt Ion:240 Resp: 72452

Ion Ratio Lower Upper

240 100

120 11.2 4.0 6.0#

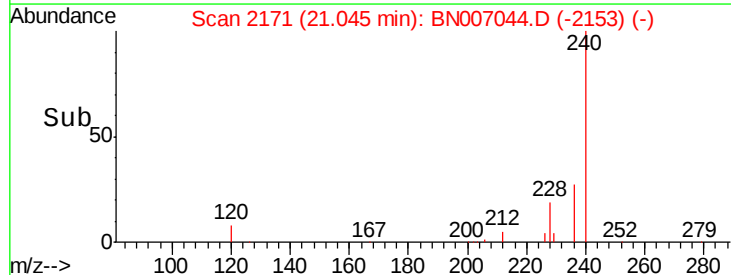
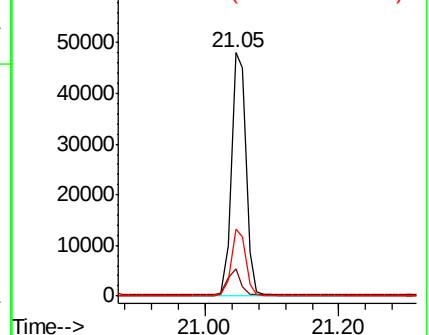
236 27.5 21.3 31.9

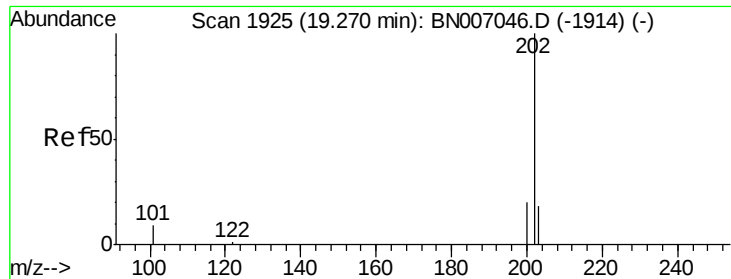


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

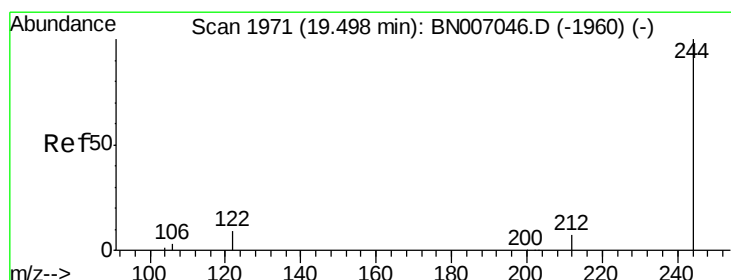
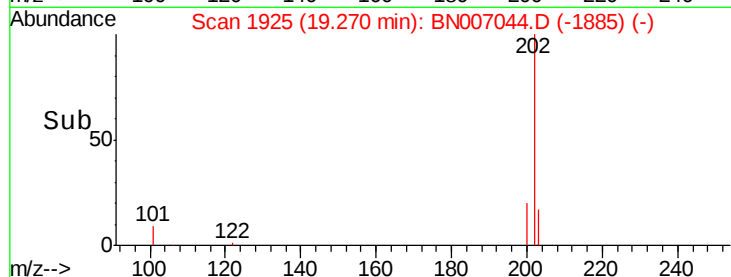
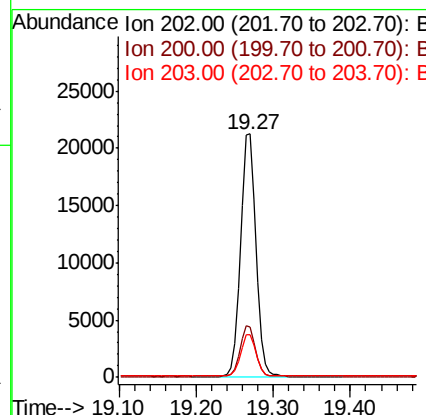
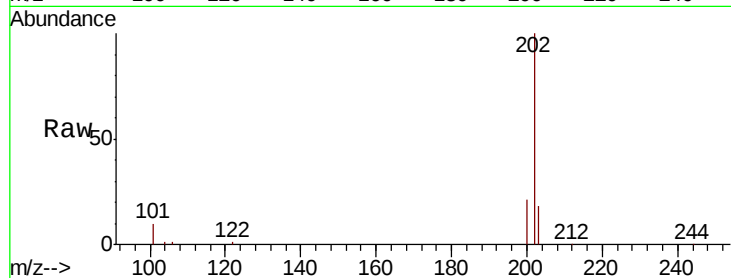




#27
 Pyrene
 Concen: 0.107 ng
 RT: 19.27 min Scan# 1925
 Delta R.T. -0.00 min
 Lab File: BN007044.D
 Acq: 10 Aug 2019 11:18

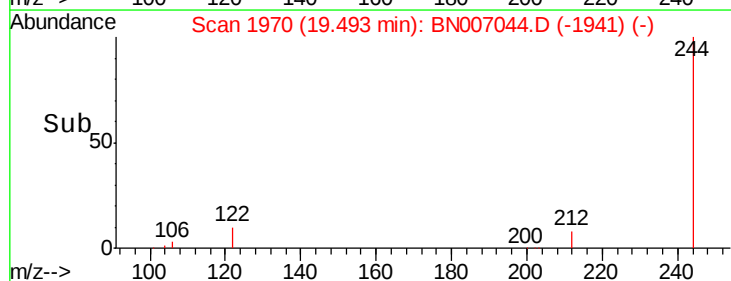
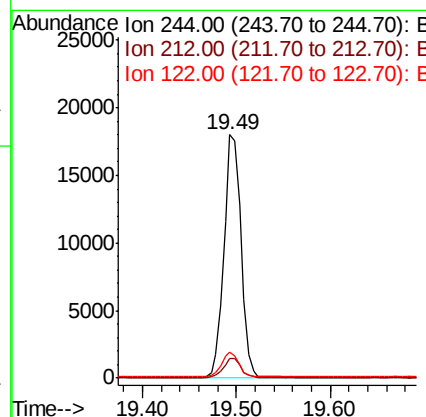
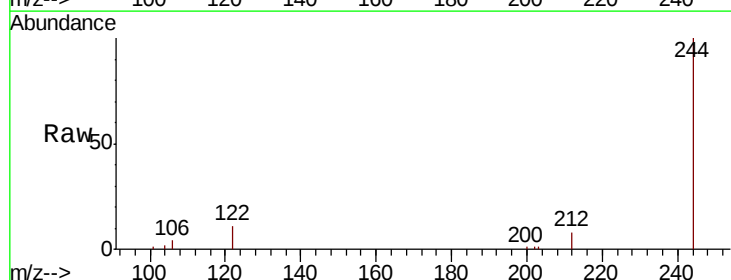
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

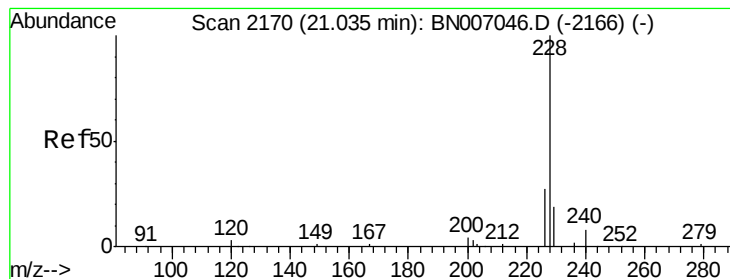
Tgt Ion: 202 Resp: 29178
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.6 24.8
 203 17.4 14.0 21.0



#28
 Terphenyl-d14
 Concen: 0.107 ng
 RT: 19.49 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BN007044.D
 Acq: 10 Aug 2019 11:18

Tgt Ion: 244 Resp: 22476
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.2
 122 10.9 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.104 ng

RT: 21.03 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

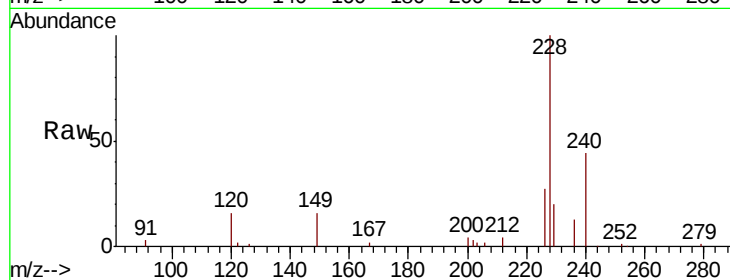
Tgt Ion:228 Resp: 28608

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.6

229 20.1 15.6 23.4



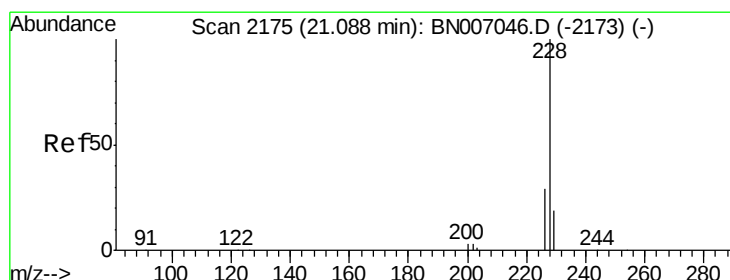
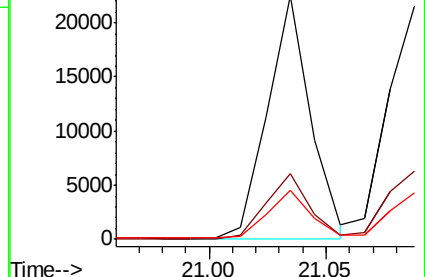
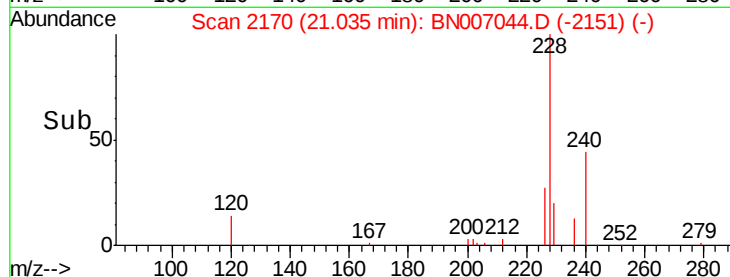
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.03

Time-->



#30

Chrysene

Concen: 0.106 ng

RT: 21.09 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

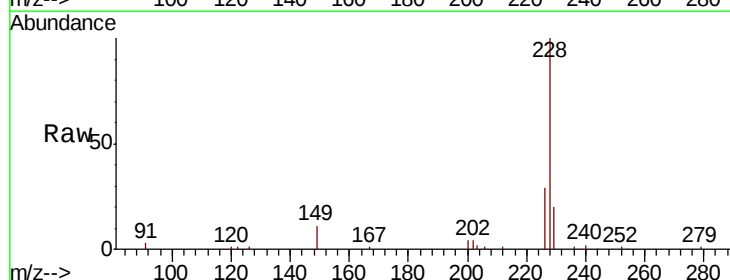
Tgt Ion:228 Resp: 28632

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.6

229 19.8 15.7 23.5



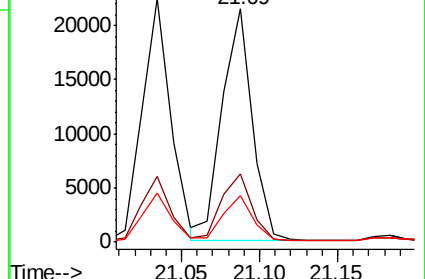
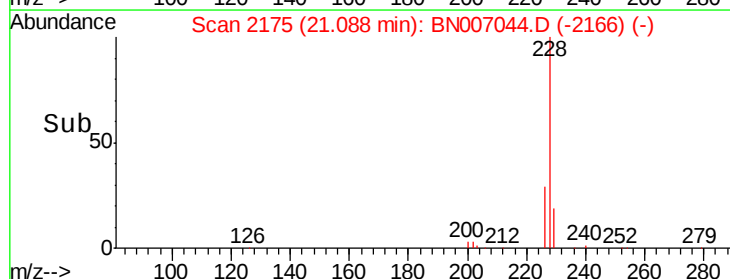
Abundance Ion 228.00 (227.70 to 228.70): E

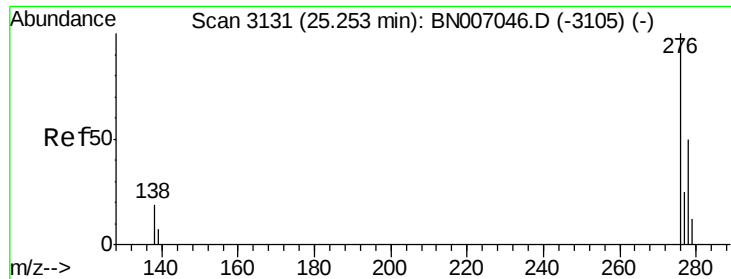
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.09

Time-->





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.108 ng

RT: 25.25 min Scan# 3130

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

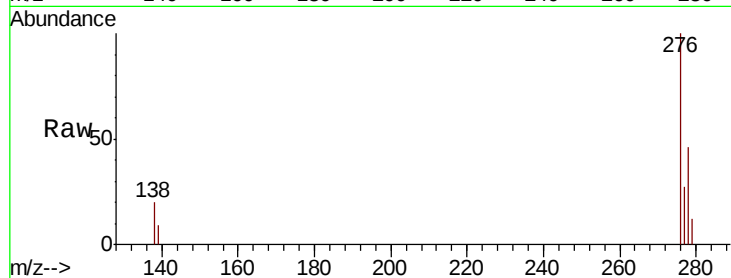
Tgt Ion:276 Resp: 31232

Ion Ratio Lower Upper

276 100

138 21.3 16.0 24.0

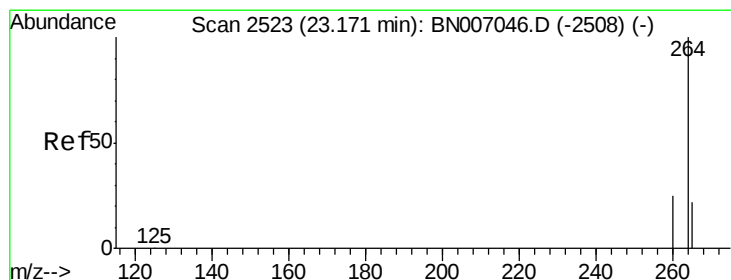
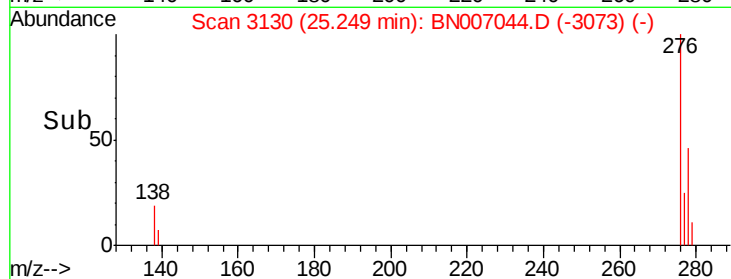
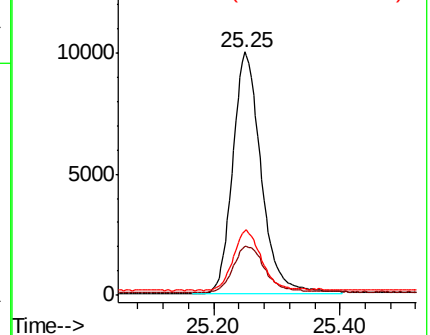
277 25.0 19.9 29.9



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



#32

Perylene-d12

Concen: 0.400 ng

RT: 23.17 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

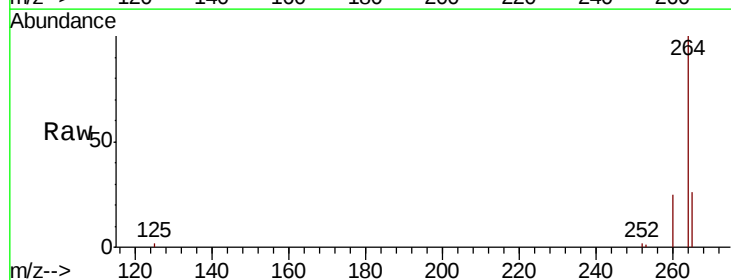
Tgt Ion:264 Resp: 78058

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

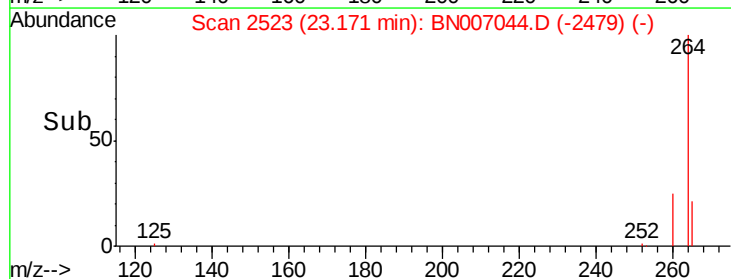
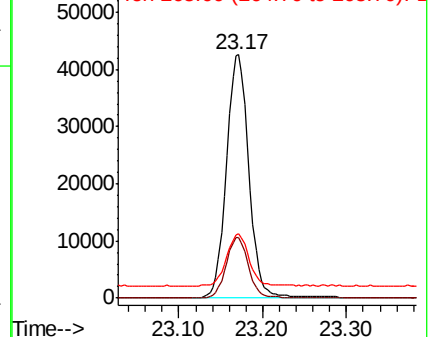
265 26.3 26.2 39.4

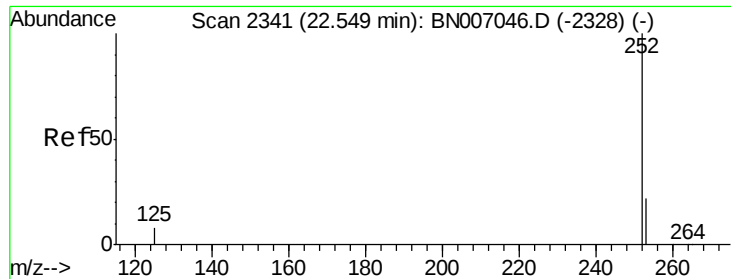


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.099 ng

RT: 22.54 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

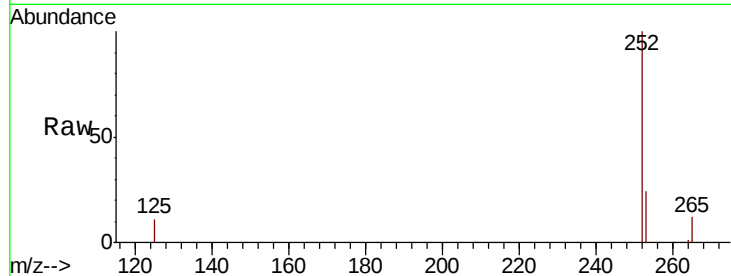
Tgt Ion:252 Resp: 26901

Ion Ratio Lower Upper

252 100

253 23.7 18.2 27.2

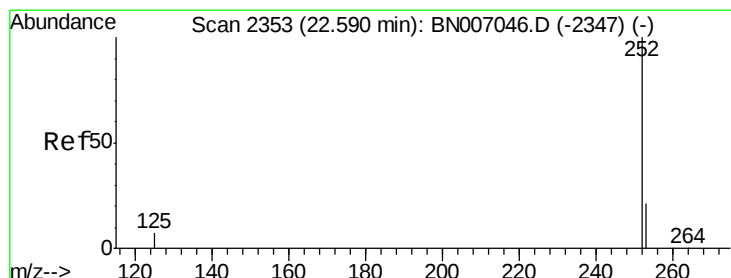
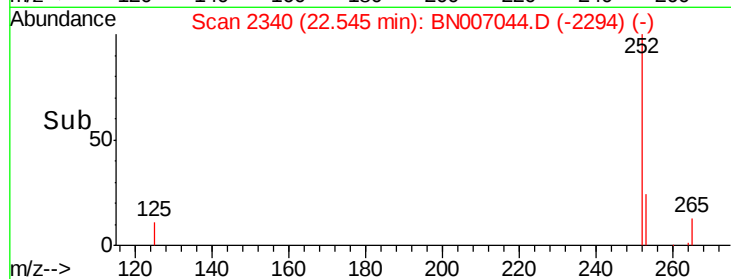
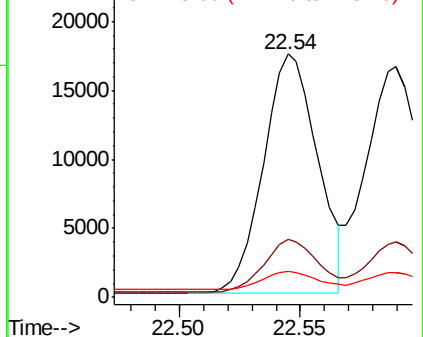
125 10.6 7.4 11.0



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



#34

Benzo(k)fluoranthene

Concen: 0.099 ng

RT: 22.59 min Scan# 2353

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

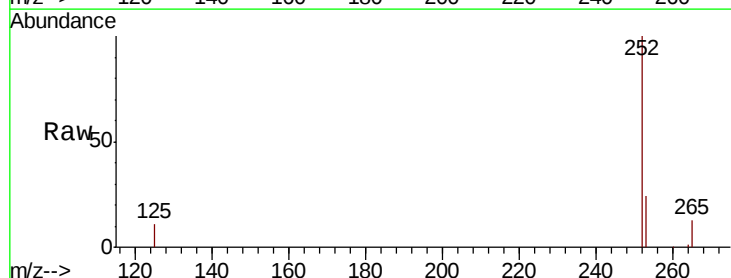
Tgt Ion:252 Resp: 26790

Ion Ratio Lower Upper

252 100

253 23.8 18.1 27.1

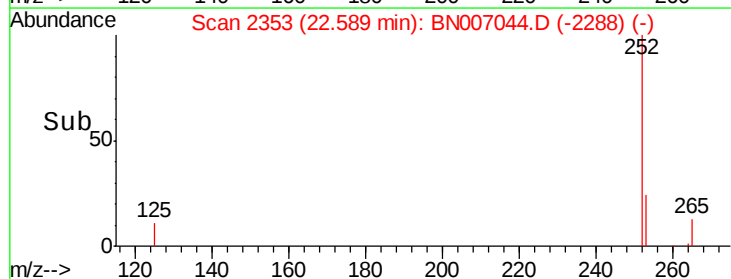
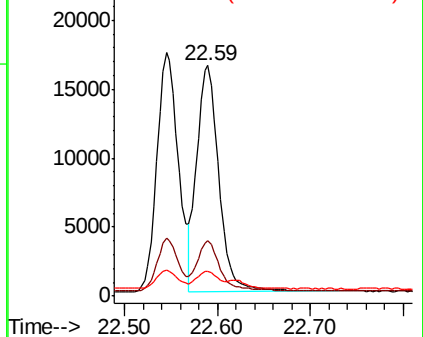
125 10.7 7.4 11.0

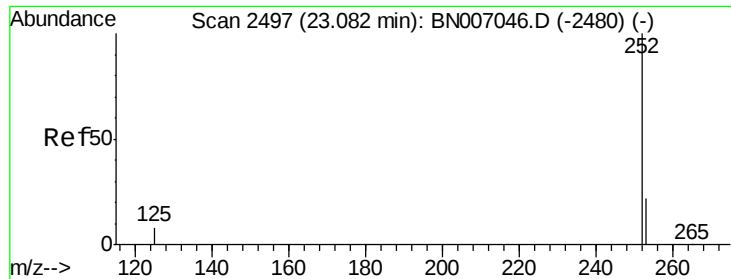


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.102 ng

RT: 23.08 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

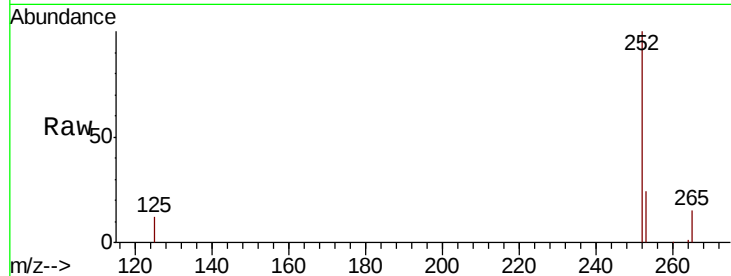
Tgt Ion:252 Resp: 25026

Ion Ratio Lower Upper

252 100

253 23.6 18.5 27.7

125 12.0 8.2 12.4

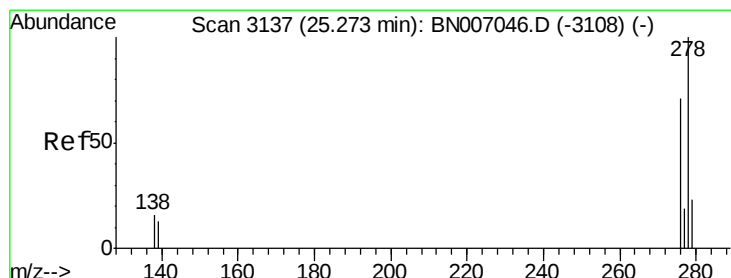
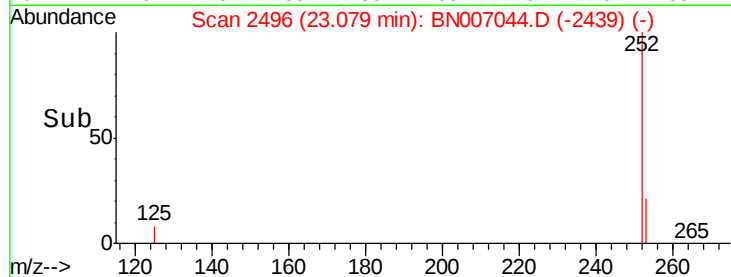
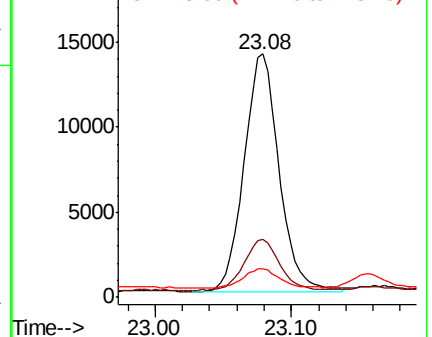


Abundance

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

Dibenzo(a,h)anthracene

Concen: 0.105 ng

RT: 25.27 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BN007044.D

Acq: 10 Aug 2019 11:18

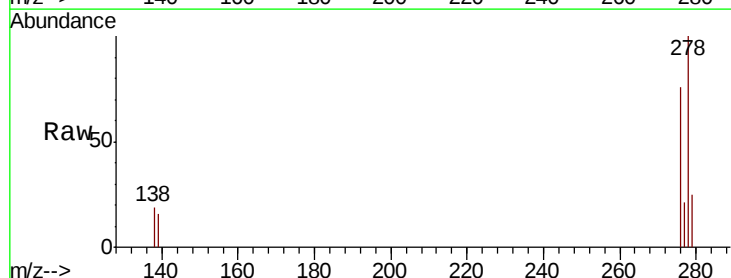
Tgt Ion:278 Resp: 25578

Ion Ratio Lower Upper

278 100

139 16.2 11.3 16.9

279 25.4 19.3 28.9

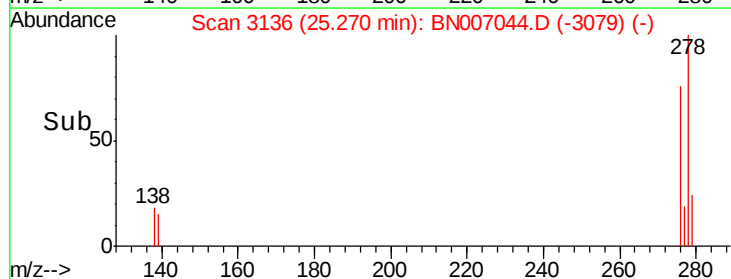
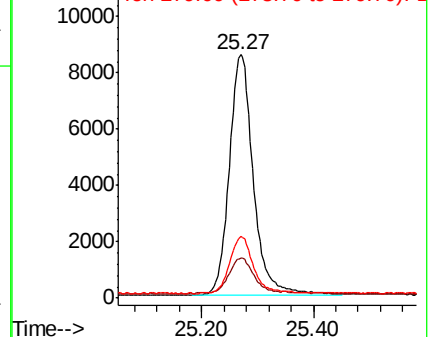


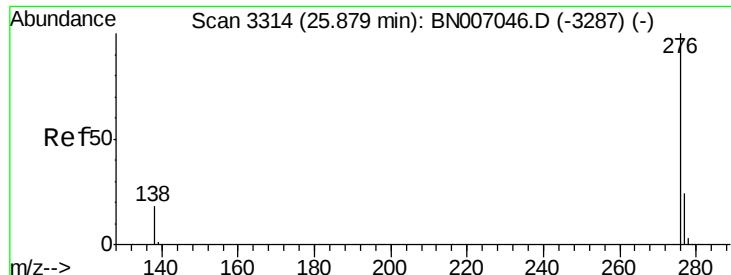
Abundance

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





#37

Benzo(g,h,i)perylene

Concen: 0.102 ng

RT: 25.88 min Scan# 3313

Delta R.T. -0.00 min

Lab File: BN007044.D

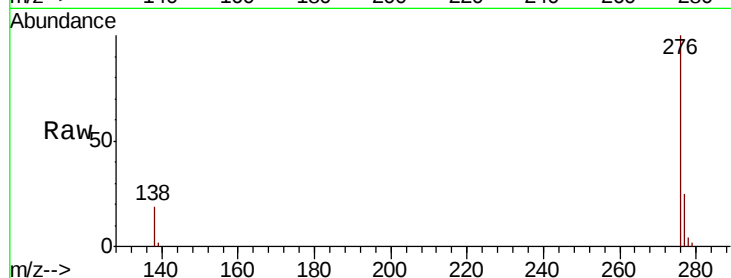
Acq: 10 Aug 2019 11:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1



Tgt Ion: 276 Resp: 26107

Ion Ratio Lower Upper

276 100

277 25.4 19.8 29.8

138 19.3 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

