

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
 Data File : BN007054.D
 Acq On : 10 Aug 2019 18:46
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Aug 10 22:00:12 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 21:44:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	6551	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	23379	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	12920	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	32700	0.40	ng	0.00
26) Chrysene-d12	21.05	240	37518	0.40	ng	-0.01
32) Perylene-d12	23.16	264	38700	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	6044	0.38	ng	0.00
4) Phenol-d6	6.61	99	7291	0.37	ng	0.00
7) Nitrobenzene-d5	8.56	82	6762	0.36	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	15926	0.37	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	1992	0.29	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	7769	0.41	ng	0.00
24) Fluoranthene-d10	18.87	212	43480	0.37	ng	0.00
28) Terphenyl-d14	19.49	244	38005	0.37	ng	0.00

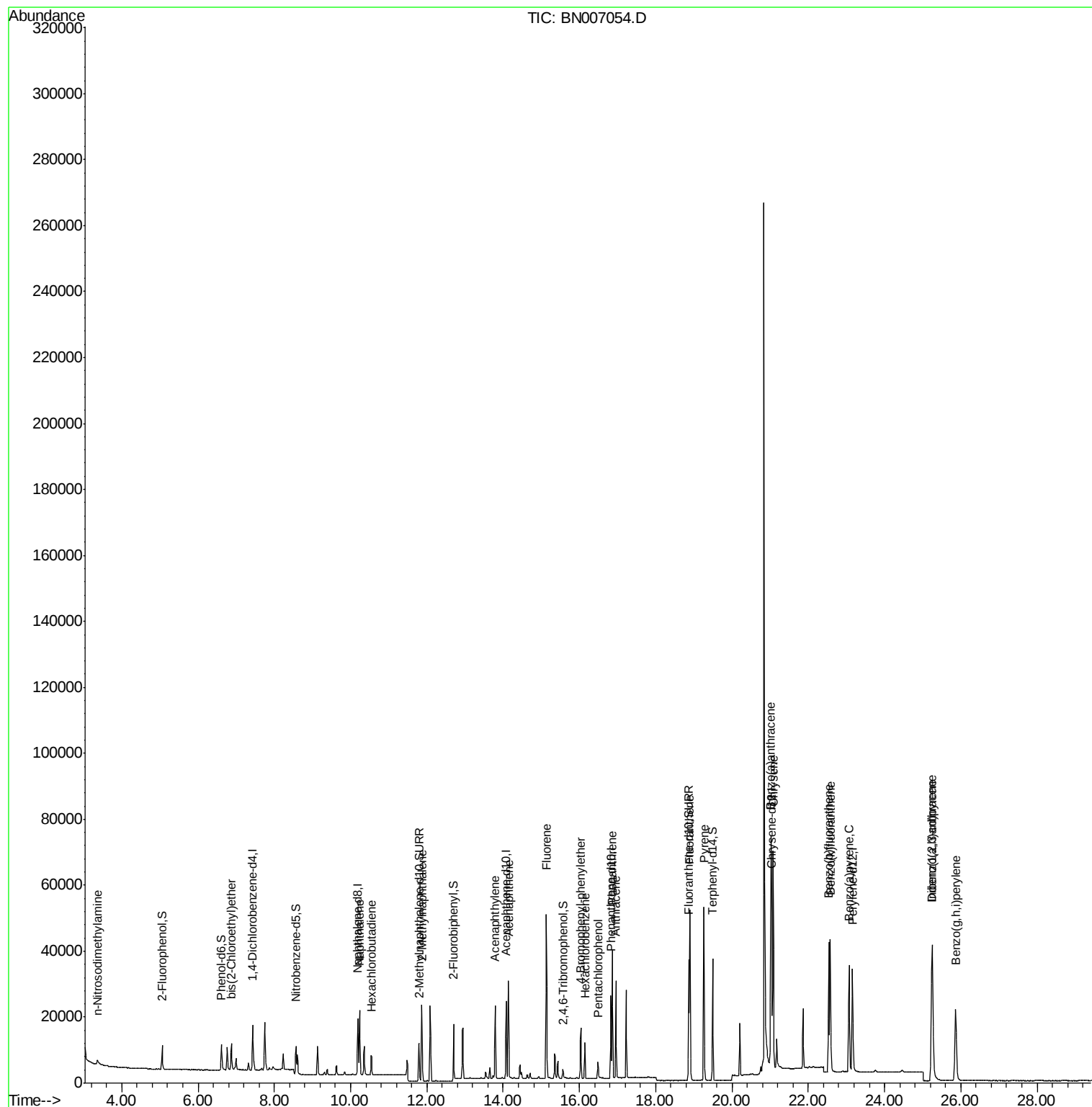
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.36	42	1362	0.316	ng	# 96
5) bis(2-Chloroethyl)ether	6.87	93	6654	0.386	ng	98
8) Naphthalene	10.24	128	24532	0.374	ng	99
9) Hexachlorobutadiene	10.55	225	5388	0.385	ng	# 100
11) 2-Methylnaphthalene	11.87	142	17095	0.368	ng	97
15) Acenaphthylene	13.79	152	25129	0.372	ng	100
16) Acenaphthene	14.14	154	16438	0.380	ng	100
17) Fluorene	15.13	166	21563	0.333	ng	100
19) 4-Bromophenyl-phenylether	16.04	248	8104	0.401	ng	97
20) Hexachlorobenzene	16.14	284	7944	0.408	ng	99
21) Pentachlorophenol	16.48	266	2498	0.345	ng	98
22) Phenanthrene	16.87	178	38410	0.392	ng	100
23) Anthracene	16.96	178	33073	0.369	ng	100
25) Fluoranthene	18.90	202	48014	0.383	ng	100
27) Pyrene	19.26	202	48243	0.367	ng	100
29) Benzo(a)anthracene	21.02	228	52188	0.380	ng	99
30) Chrysene	21.08	228	51636	0.387	ng	100
31) Indeno(1,2,3-cd)pyrene	25.24	276	55786	0.380	ng	99
33) Benzo(b)fluoranthene	22.54	252	48847	0.368	ng	100
34) Benzo(k)fluoranthene	22.58	252	49948	0.381	ng	99
35) Benzo(a)pyrene	23.07	252	44487	0.370	ng	100
36) Dibenzo(a,h)anthracene	25.26	278	45718	0.381	ng	99
37) Benzo(g,h,i)perylene	25.87	276	46232	0.374	ng	99

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

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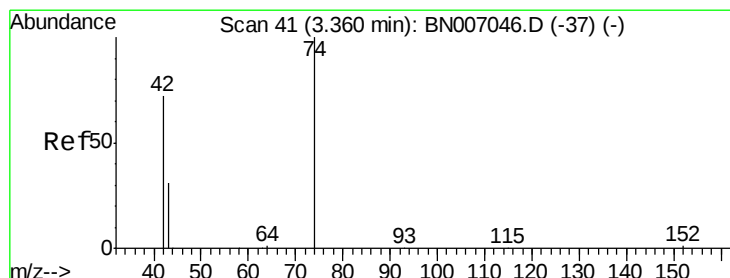
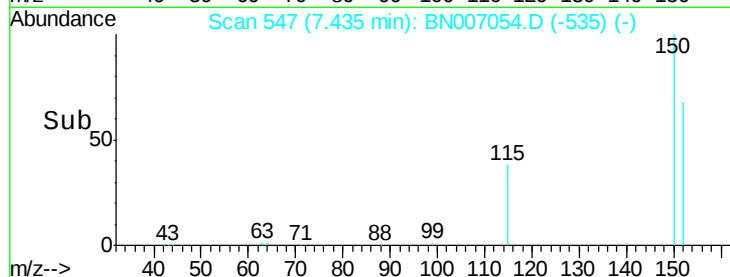
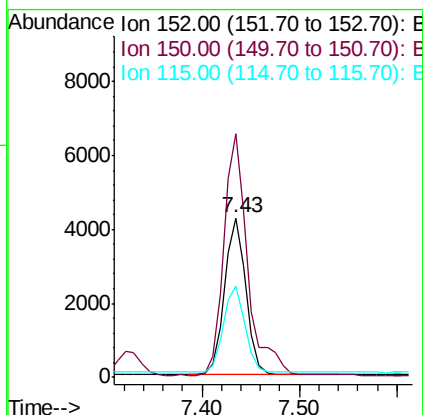
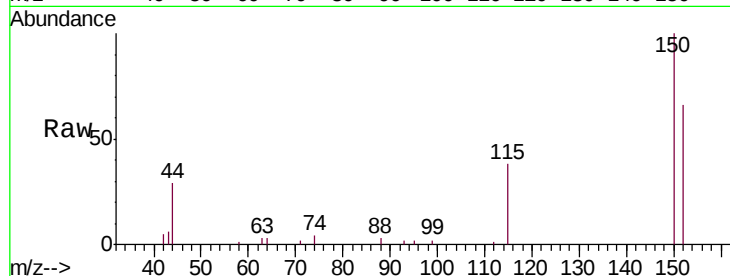


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007054.D
Acq: 10 Aug 2019 18:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

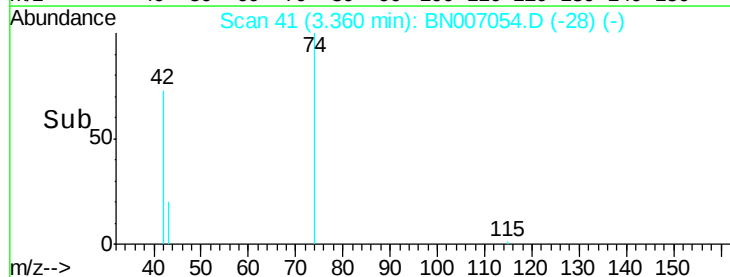
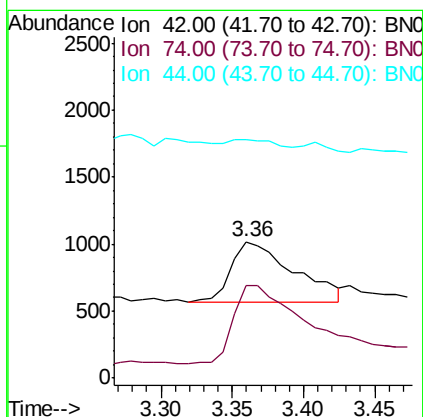
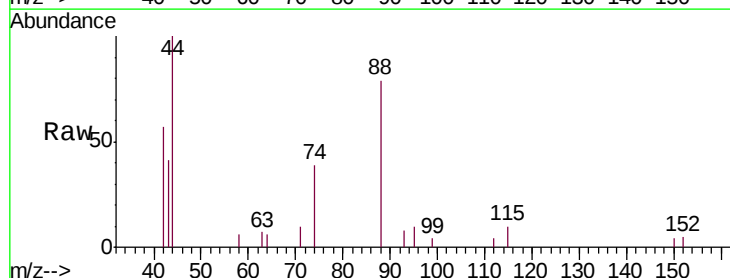
Tgt Ion:152 Resp: 6551
Ion Ratio Lower Upper
152 100
150 152.5 121.7 182.5
115 57.2 46.2 69.4

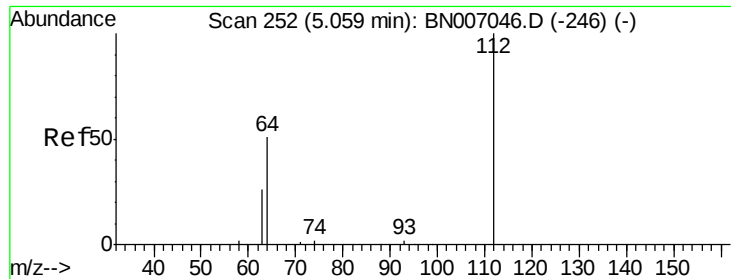


#2

n-Nitrosodimethylamine
Concen: 0.316 ng
RT: 3.36 min Scan# 41
Delta R.T. 0.00 min
Lab File: BN007054.D
Acq: 10 Aug 2019 18:46

Tgt Ion: 42 Resp: 1362
Ion Ratio Lower Upper
42 100
74 143.4 110.6 166.0
44 10.4 0.0 0.0#





#3

2-Fluorophenol

Concen: 0.384 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007054.D

Acq: 10 Aug 2019 18:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

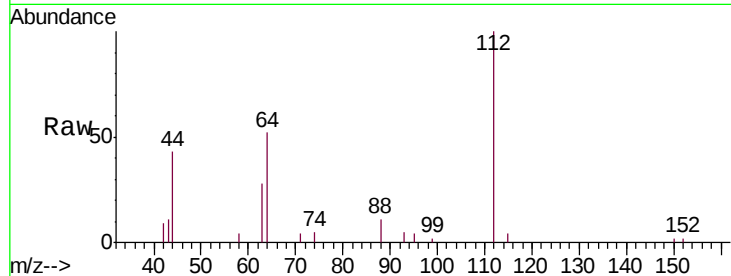
Tgt Ion: 112 Resp: 6044

Ion Ratio Lower Upper

112 100

64 53.0 42.6 63.8

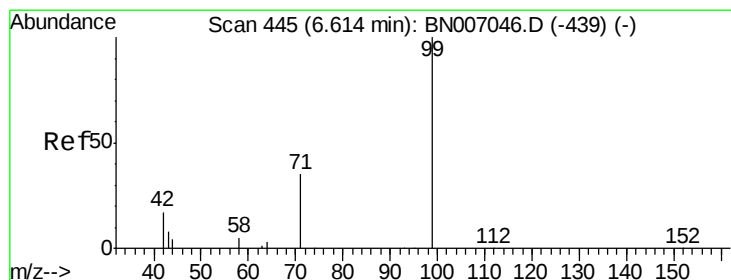
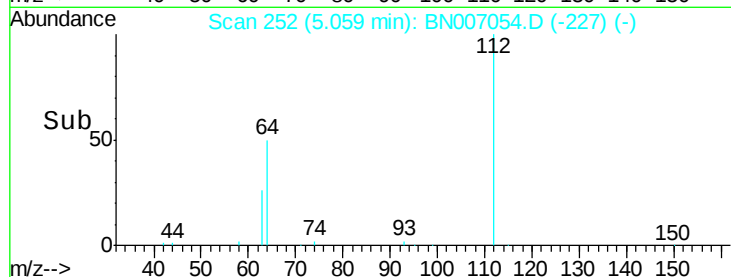
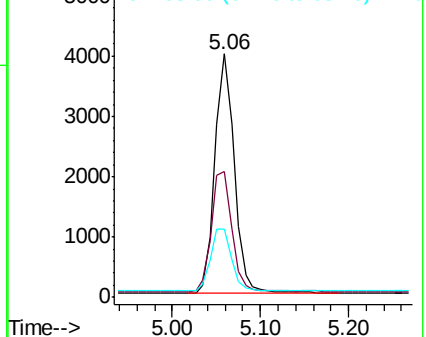
63 28.1 22.2 33.2



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: 0.374 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007054.D

Acq: 10 Aug 2019 18:46

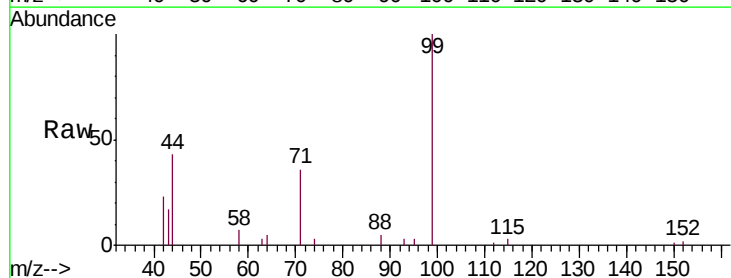
Tgt Ion: 99 Resp: 7291

Ion Ratio Lower Upper

99 100

42 18.9 15.8 23.6

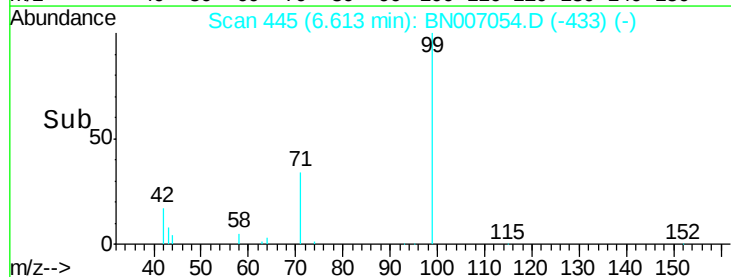
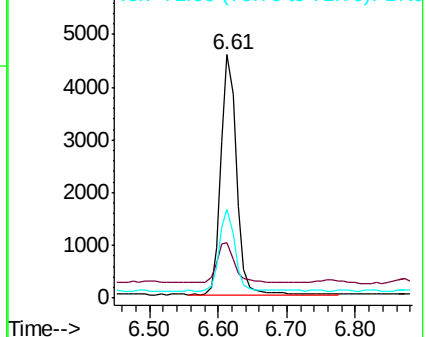
71 34.1 27.0 40.4

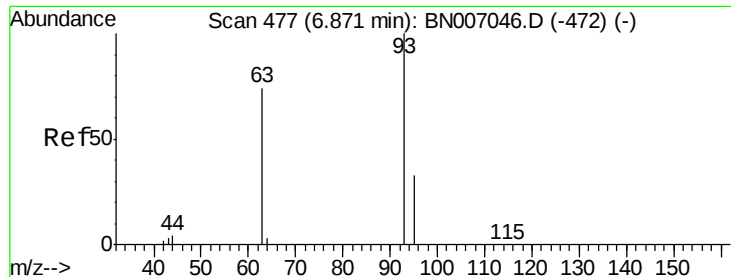


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 0.386 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BN007054.D

Acq: 10 Aug 2019 18:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

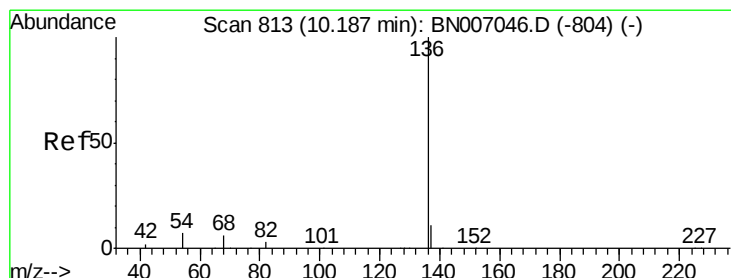
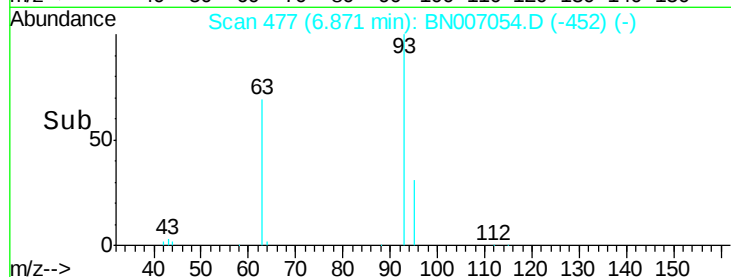
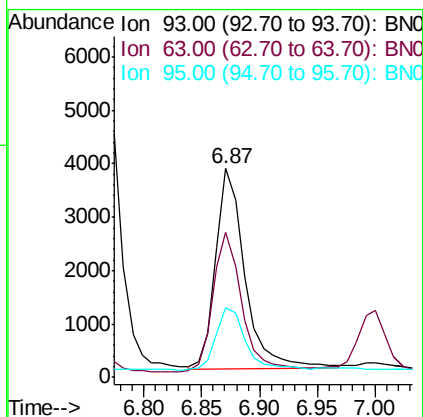
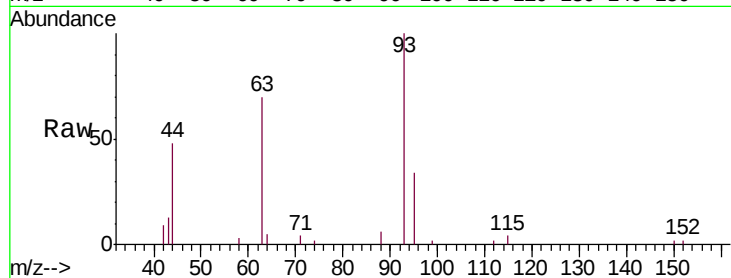
Tgt Ion: 93 Resp: 6654

Ion Ratio Lower Upper

93 100

63 68.3 55.6 83.4

95 31.9 26.7 40.1



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007054.D

Acq: 10 Aug 2019 18:46

Tgt Ion: 136 Resp: 23379

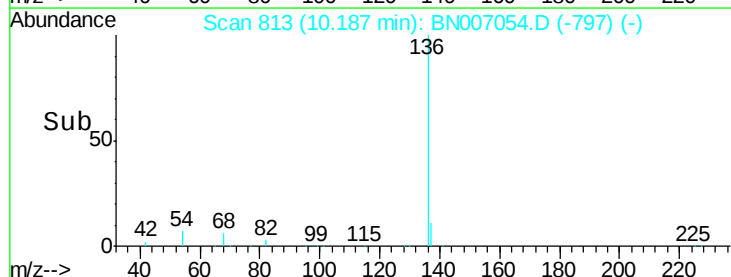
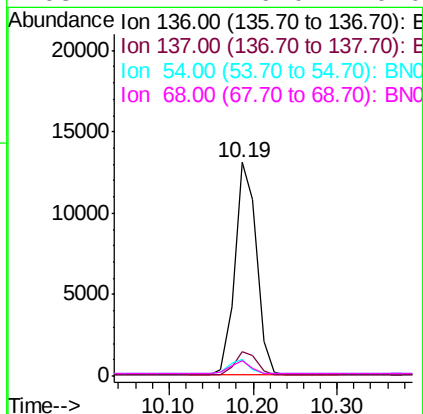
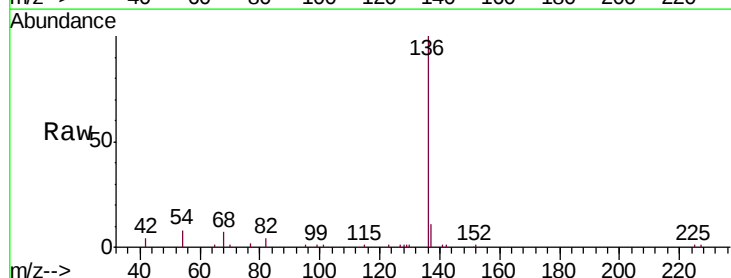
Ion Ratio Lower Upper

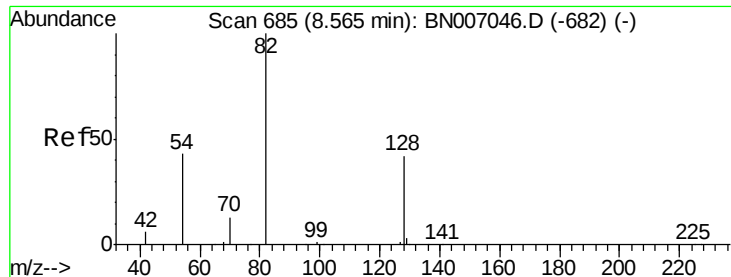
136 100

137 11.4 9.4 14.0

54 7.7 6.6 9.8

68 7.2 6.0 9.0





#7

Nitrobenzene-d5

Concen: 0.359 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007054.D

Acq: 10 Aug 2019 18:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

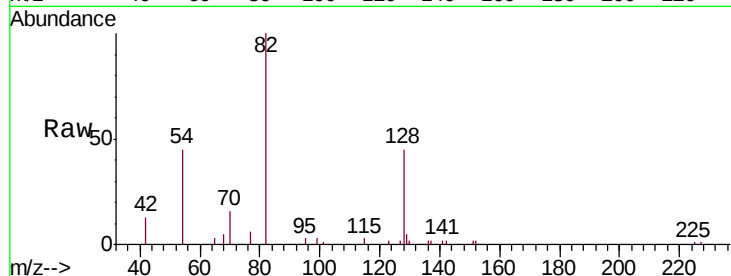
Tgt Ion: 82 Resp: 6762

Ion Ratio Lower Upper

82 100

128 44.6 34.6 51.8

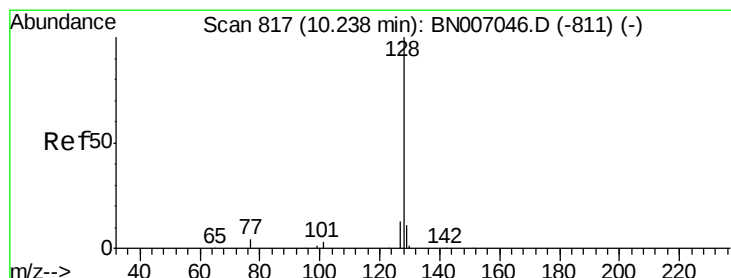
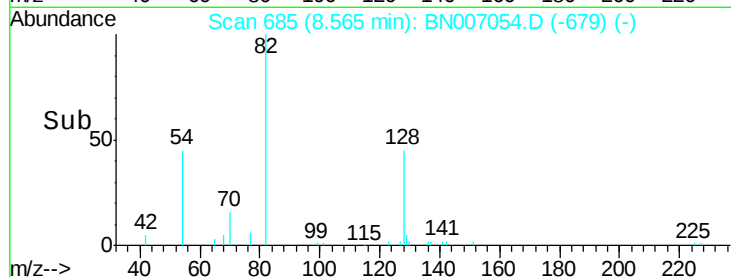
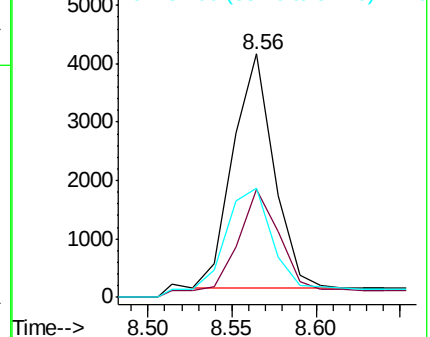
54 44.6 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BN007046.D (-682) (-)

Ion 128.00 (127.70 to 128.70): BN007046.D (-682) (-)

Ion 54.00 (53.70 to 54.70): BN007046.D (-682) (-)



#8

Naphthalene

Concen: 0.374 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007054.D

Acq: 10 Aug 2019 18:46

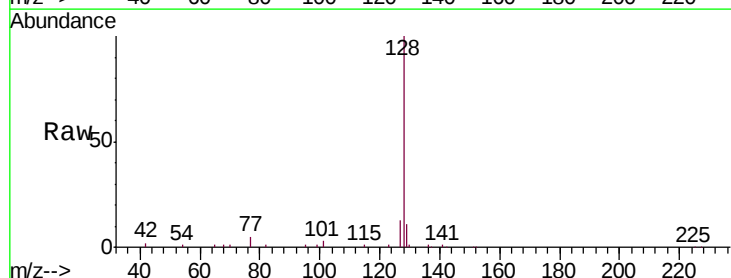
Tgt Ion: 128 Resp: 24532

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

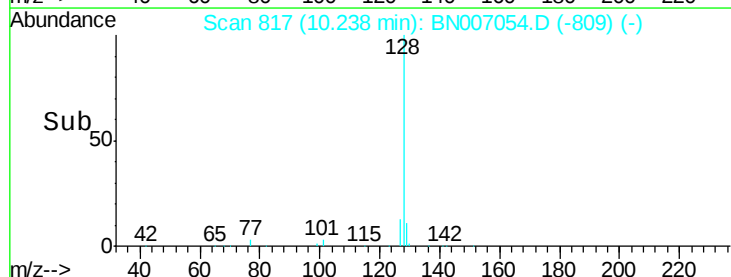
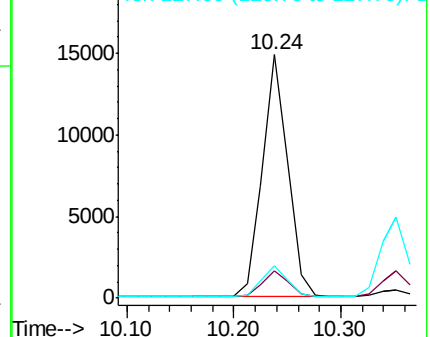
127 13.3 11.0 16.6

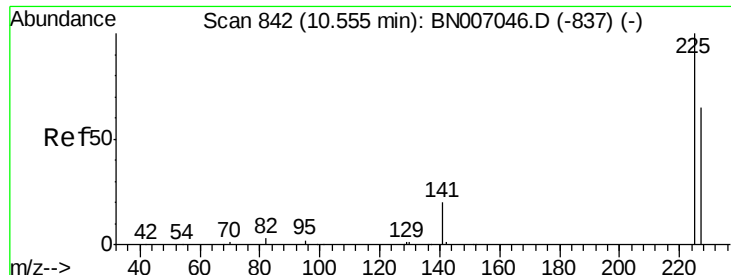


Abundance Ion 128.00 (127.70 to 128.70): BN007046.D (-811) (-)

Ion 129.00 (128.70 to 129.70): BN007046.D (-811) (-)

Ion 127.00 (126.70 to 127.70): BN007046.D (-811) (-)





#9

Hexachlorobutadiene

Concen: 0.385 ng

RT: 10.55 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN007054.D

Acq: 10 Aug 2019 18:46

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ClientSampleId :

SSTDCCC0.4

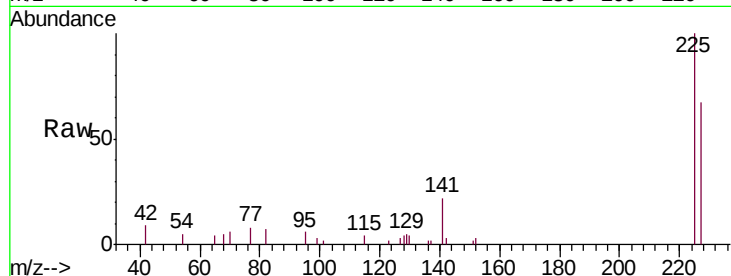
Tgt Ion:225 Resp: 5388

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

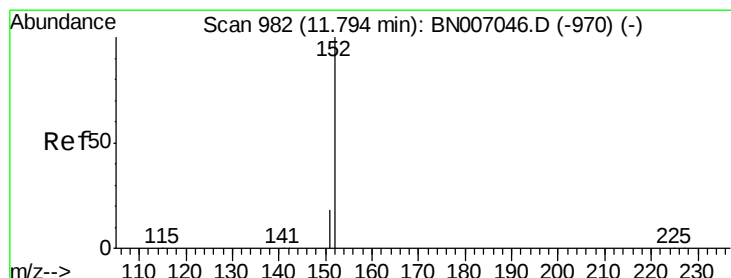
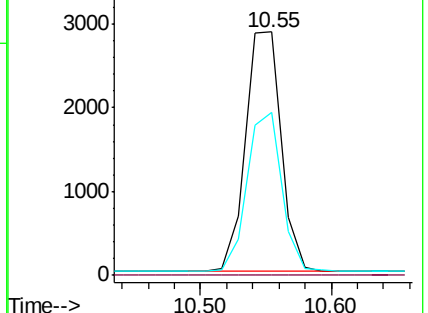
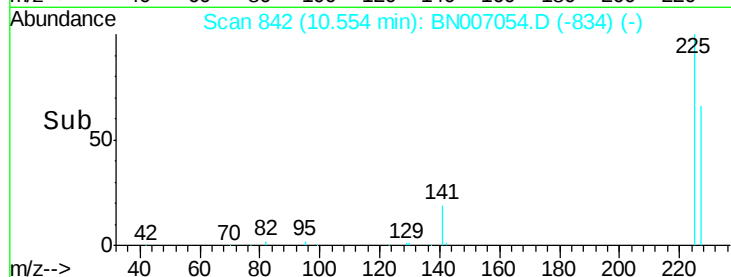
227 64.2 51.1 76.7



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: 0.365 ng

RT: 11.79 min Scan# 982

Delta R.T. -0.00 min

Lab File: BN007054.D

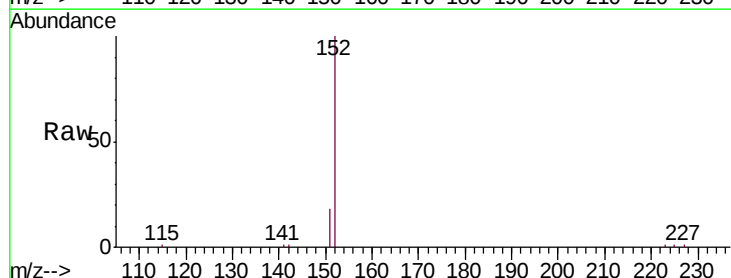
Acq: 10 Aug 2019 18:46

Tgt Ion:152 Resp: 15926

Ion Ratio Lower Upper

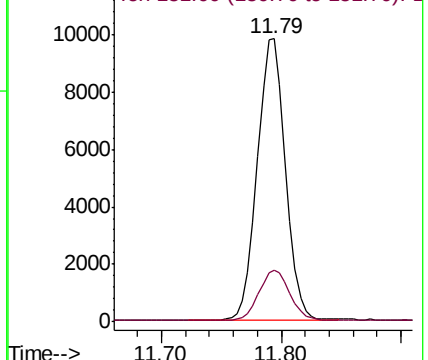
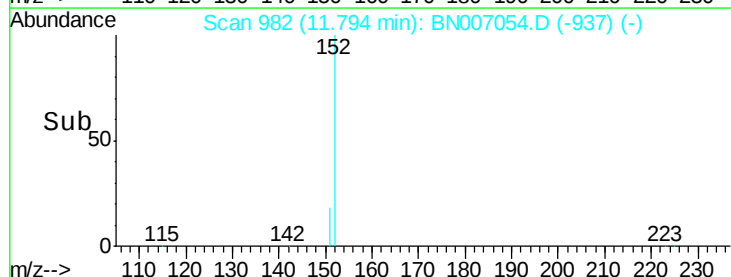
152 100

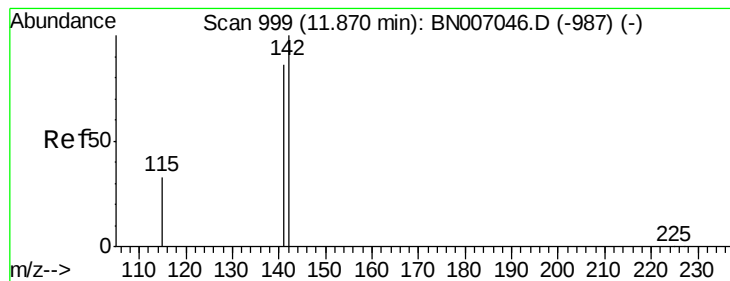
151 19.3 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.368 ng

RT: 11.87 min Scan# 998

Delta R.T. -0.00 min

Lab File: BN007054.D

Acq: 10 Aug 2019 18:46

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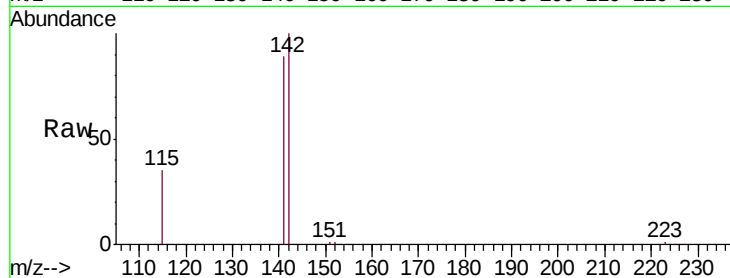
Tgt Ion:142 Resp: 17095

Ion Ratio Lower Upper

142 100

141 88.9 69.0 103.6

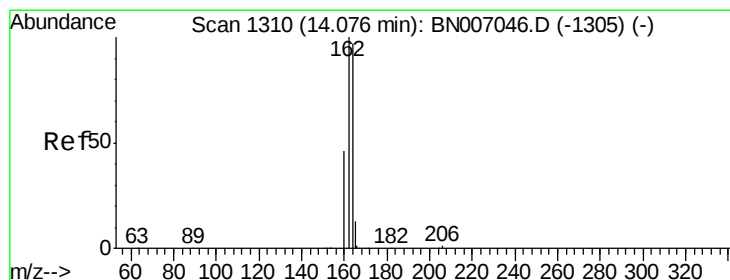
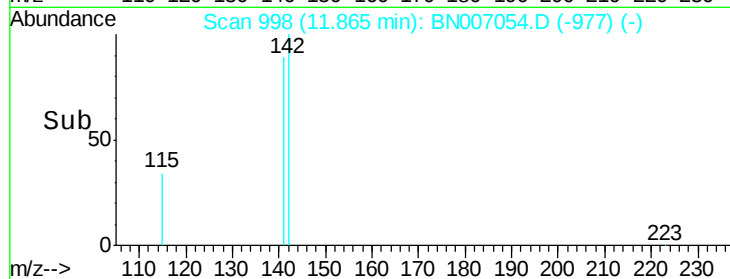
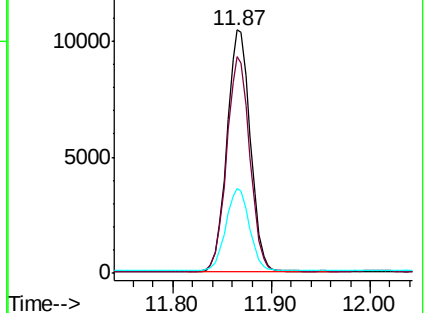
115 35.0 27.1 40.7



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: BN007054.D

Acq: 10 Aug 2019 18:46

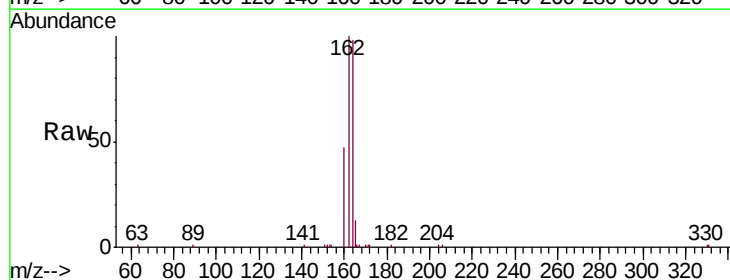
Tgt Ion:164 Resp: 12920

Ion Ratio Lower Upper

164 100

162 102.0 82.2 123.4

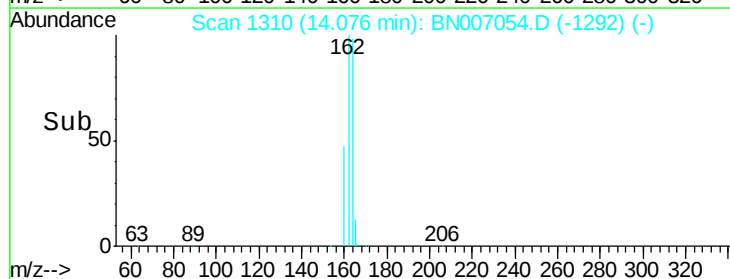
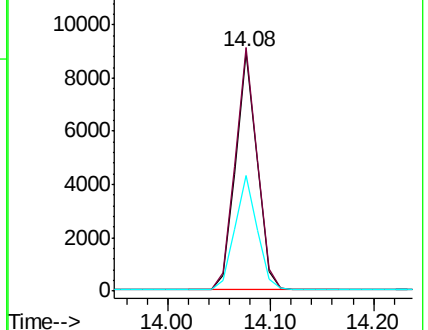
160 48.2 38.3 57.5

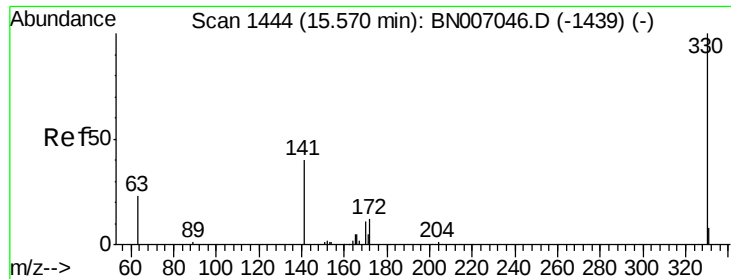


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

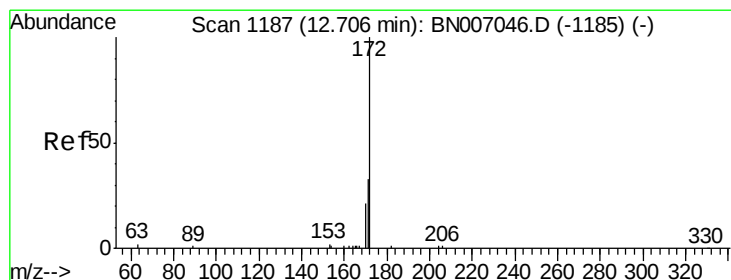
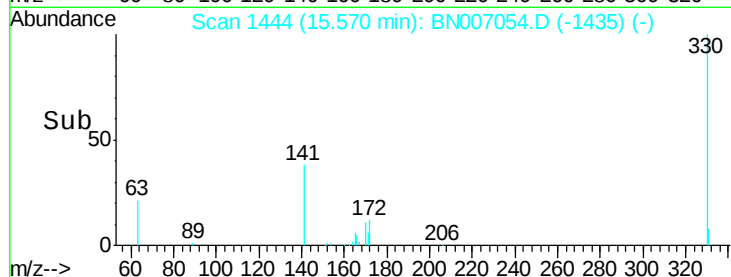
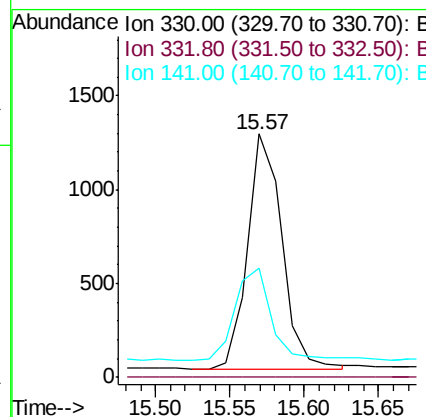
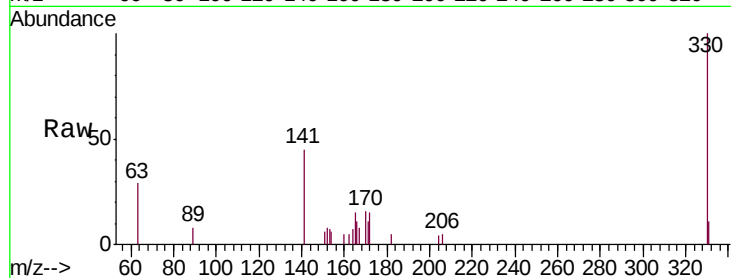




#13
 2,4,6-Tribromophenol
 Concen: 0.286 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007054.D
 Acq: 10 Aug 2019 18:46

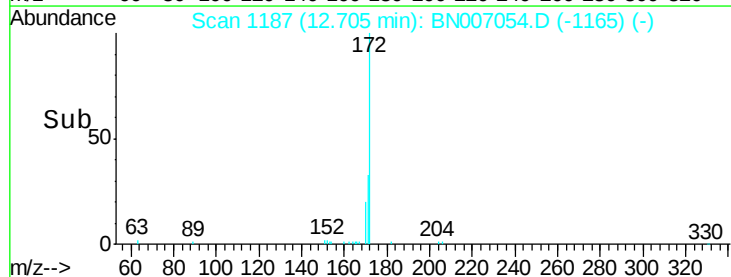
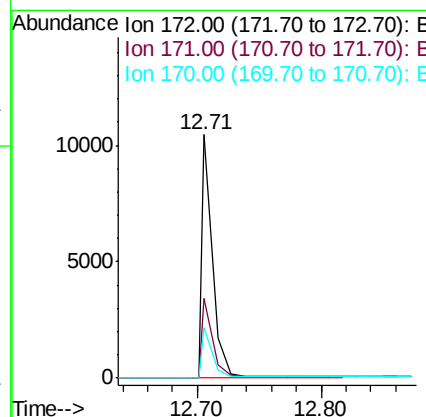
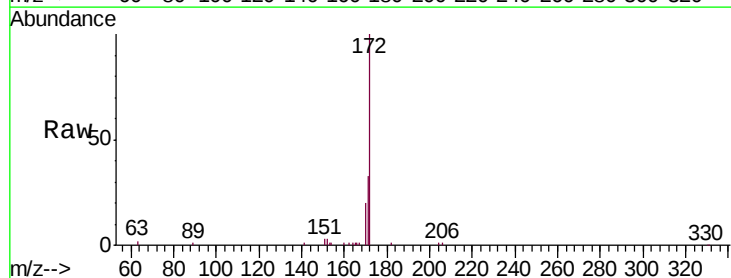
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

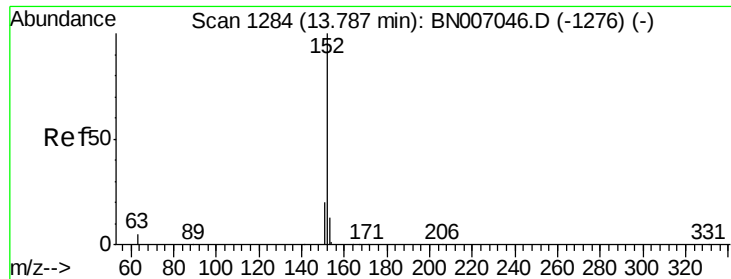
Tgt Ion: 330 Resp: 1992
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 41.1 33.6 50.4



#14
 2-Fluorobiphenyl
 Concen: 0.414 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007054.D
 Acq: 10 Aug 2019 18:46

Tgt Ion: 172 Resp: 7769
 Ion Ratio Lower Upper
 172 100
 171 32.9 26.3 39.5
 170 20.4 17.0 25.4





#15

Acenaphthylene

Concen: 0.372 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007054.D

Acq: 10 Aug 2019 18:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

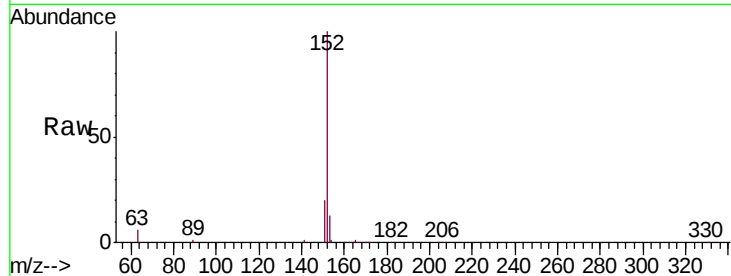
Tgt Ion:152 Resp: 25129

Ion Ratio Lower Upper

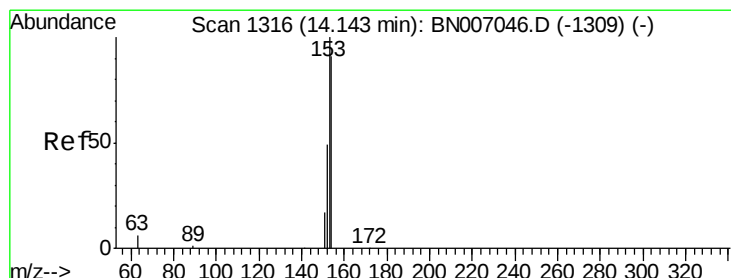
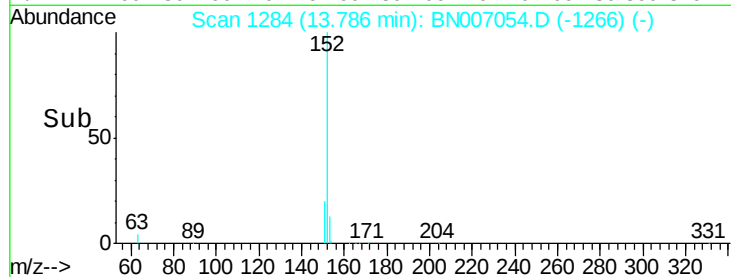
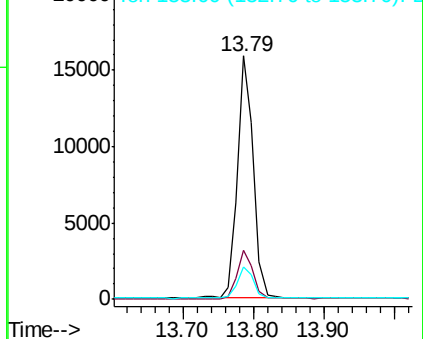
152 100

151 19.6 15.8 23.6

153 13.2 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: 0.380 ng

RT: 14.14 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BN007054.D

Acq: 10 Aug 2019 18:46

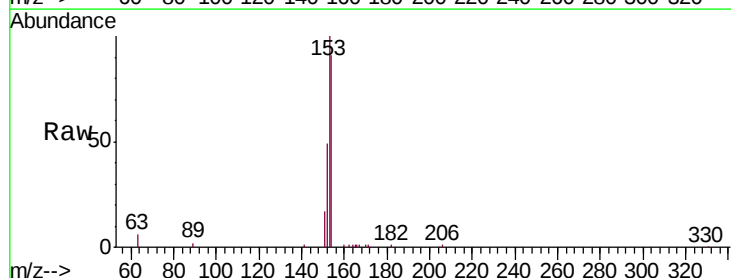
Tgt Ion:154 Resp: 16438

Ion Ratio Lower Upper

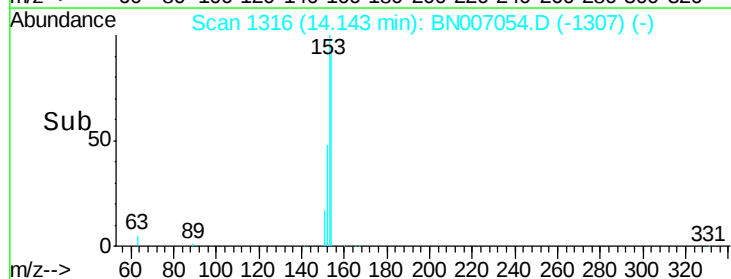
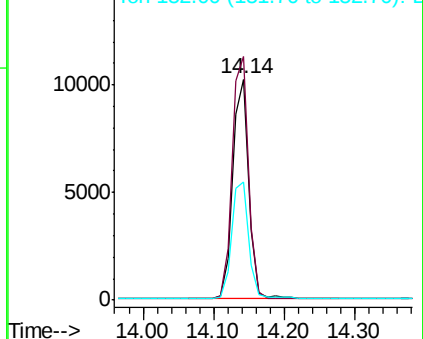
154 100

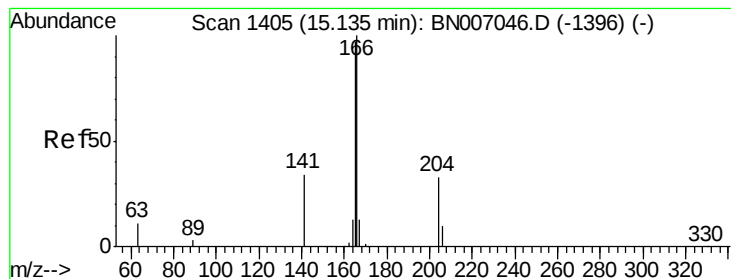
153 111.5 89.5 134.3

152 55.8 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: 0.333 ng

RT: 15.13 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN007054.D

Acq: 10 Aug 2019 18:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

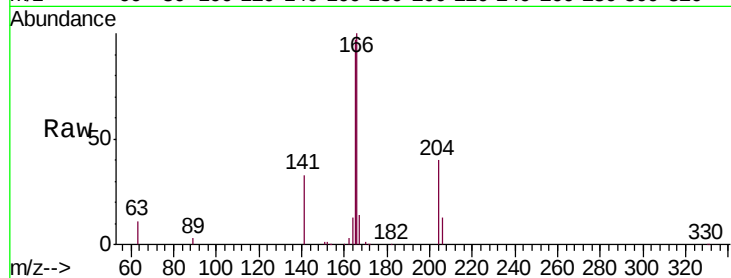
Tgt Ion:166 Resp: 21563

Ion Ratio Lower Upper

166 100

165 97.2 77.9 116.9

167 13.4 10.9 16.3

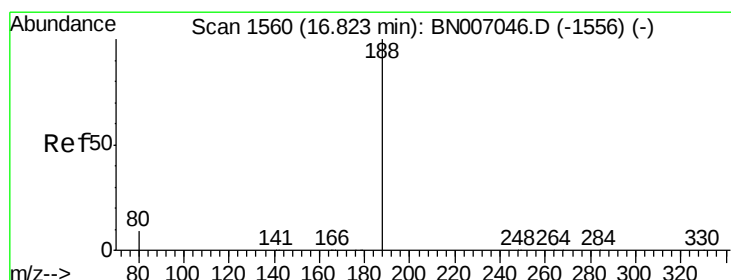
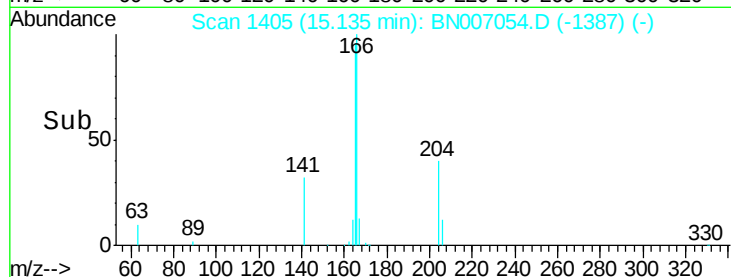
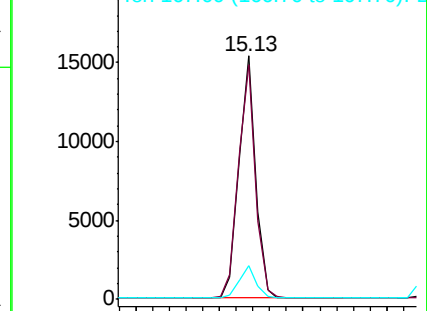


Abundance

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: BN007054.D

Acq: 10 Aug 2019 18:46

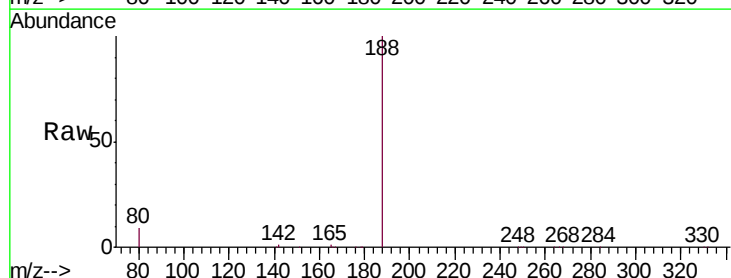
Tgt Ion:188 Resp: 32700

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.1 7.8 11.6

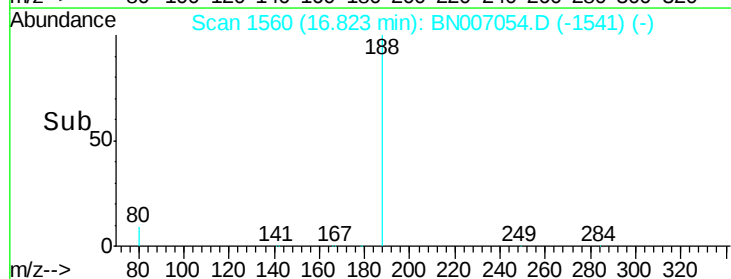
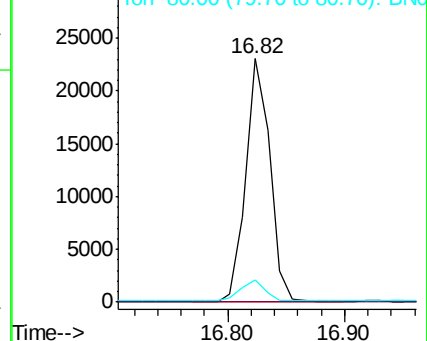


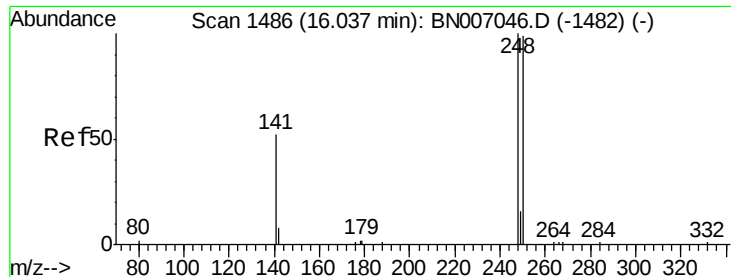
Abundance

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

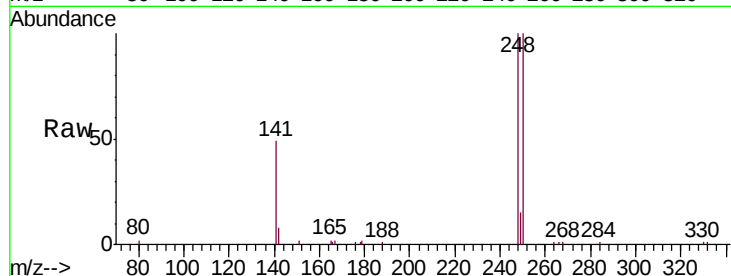




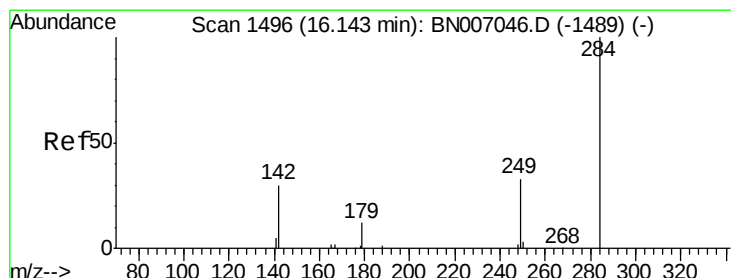
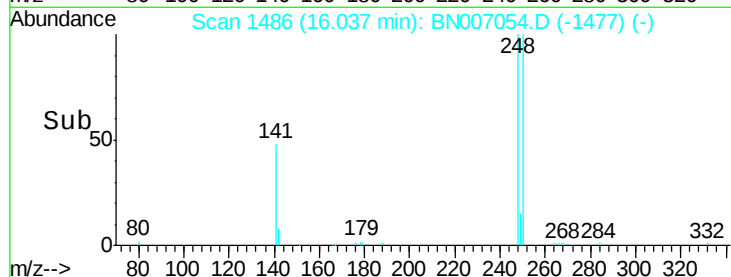
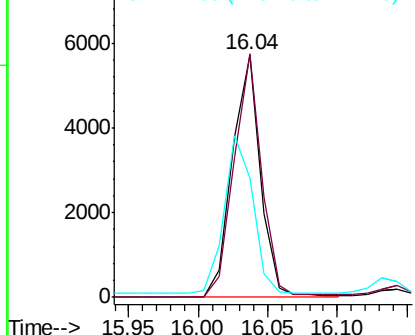
#19
4-Bromophenyl-phenylether
Concen: 0.401 ng
RT: 16.04 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BN007054.D
Acq: 10 Aug 2019 18:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 8104
Ion Ratio Lower Upper
248 100
250 100.3 78.9 118.3
141 49.3 43.3 64.9

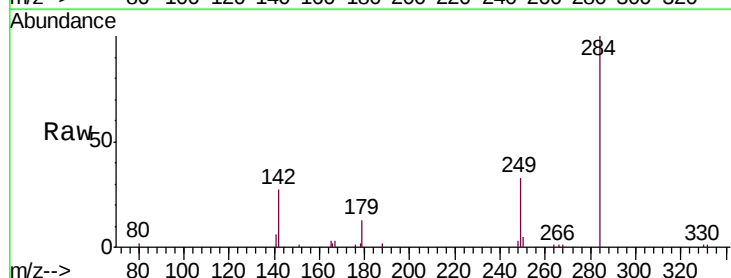


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

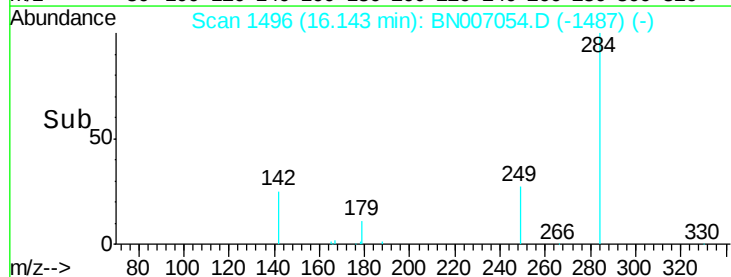
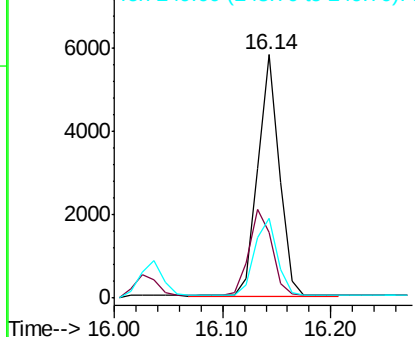


#20
Hexachlorobenzene
Concen: 0.408 ng
RT: 16.14 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN007054.D
Acq: 10 Aug 2019 18:46

Tgt Ion:284 Resp: 7944
Ion Ratio Lower Upper
284 100
142 38.0 30.5 45.7
249 34.0 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

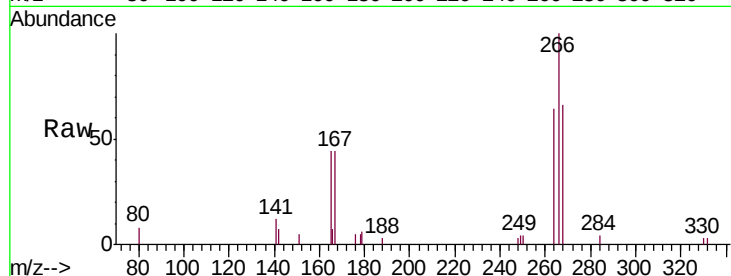




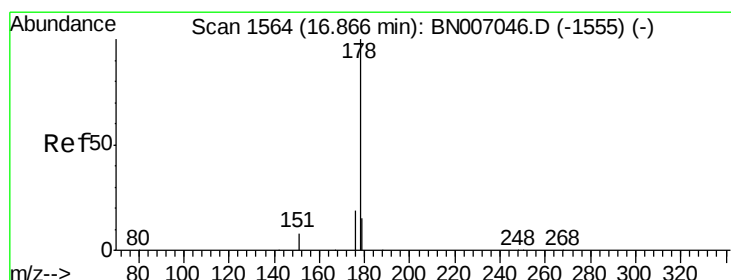
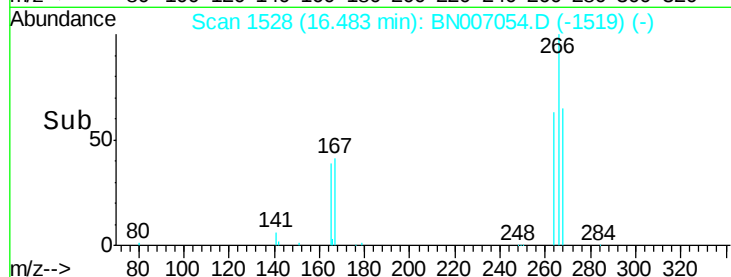
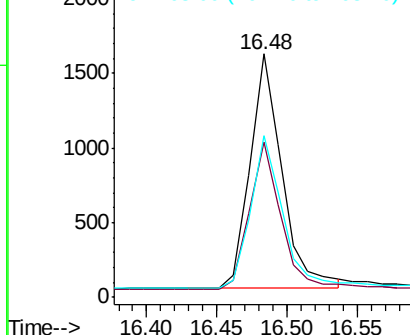
#21
 Pentachlorophenol
 Concen: 0.345 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007054.D
 Acq: 10 Aug 2019 18:46

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion: 266 Resp: 2498
 Ion Ratio Lower Upper
 266 100
 264 63.6 52.3 78.5
 268 66.4 51.5 77.3

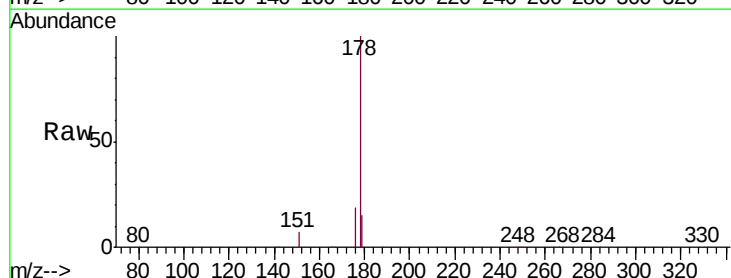


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

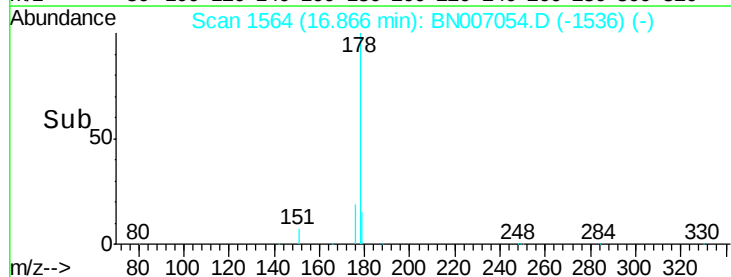
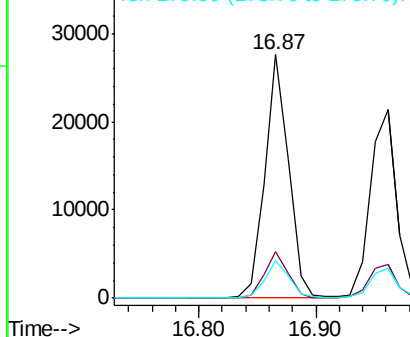


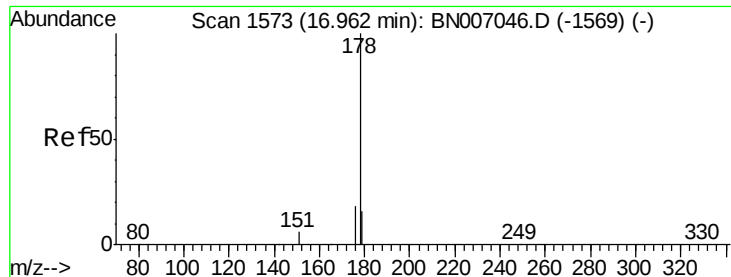
#22
 Phenanthrene
 Concen: 0.392 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007054.D
 Acq: 10 Aug 2019 18:46

Tgt Ion: 178 Resp: 38410
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.2 22.8
 179 15.3 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: 0.369 ng

RT: 16.96 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007054.D

Acq: 10 Aug 2019 18:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

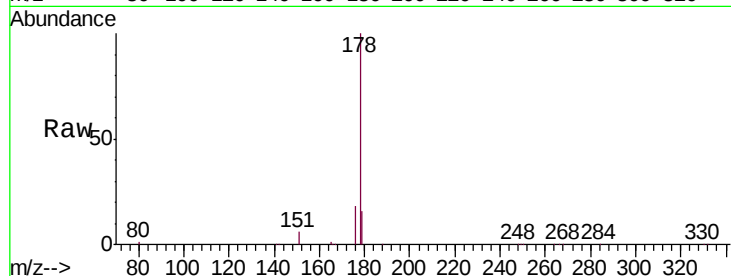
Tgt Ion:178 Resp: 33073

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

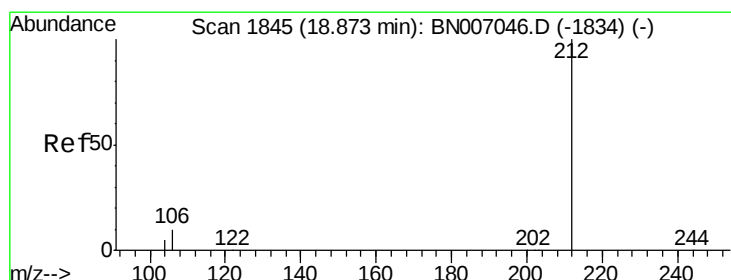
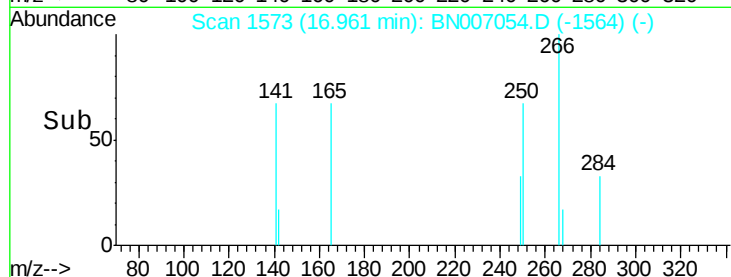
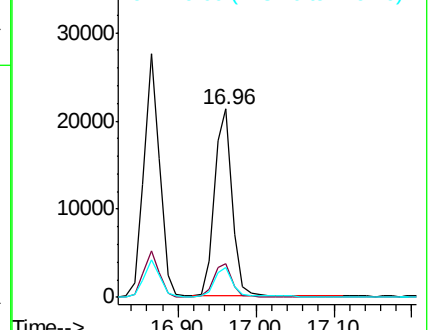
179 15.5 12.5 18.7



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: 0.375 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007054.D

Acq: 10 Aug 2019 18:46

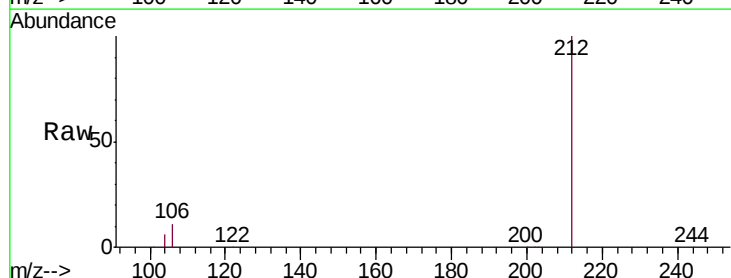
Tgt Ion:212 Resp: 43480

Ion Ratio Lower Upper

212 100

106 10.2 8.2 12.2

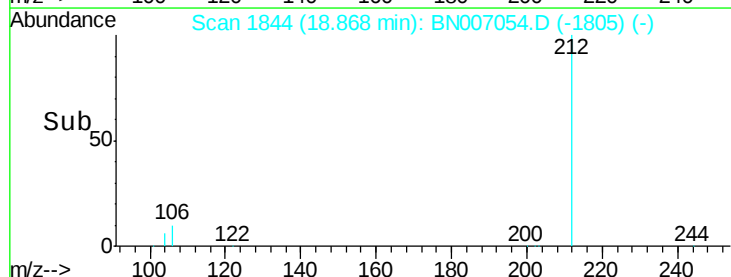
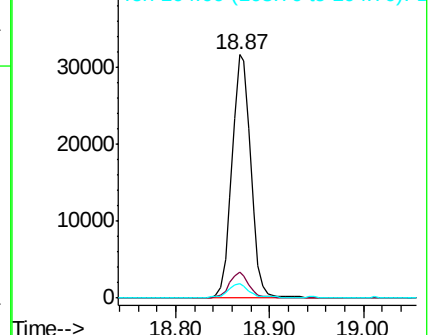
104 5.6 4.5 6.7

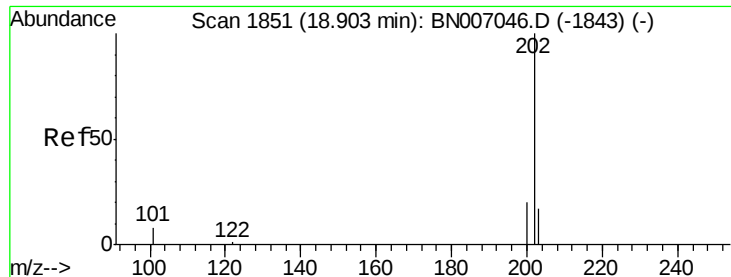


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.383 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007054.D

Acq: 10 Aug 2019 18:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

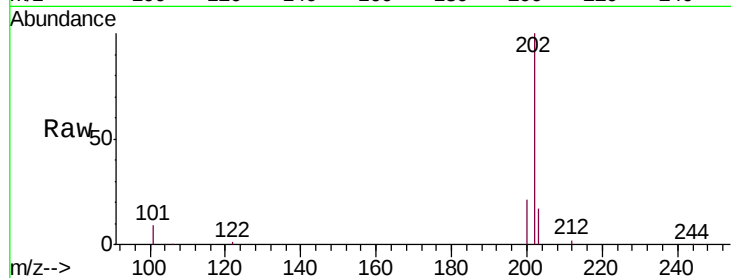
Tgt Ion:202 Resp: 48014

Ion Ratio Lower Upper

202 100

101 8.6 7.0 10.4

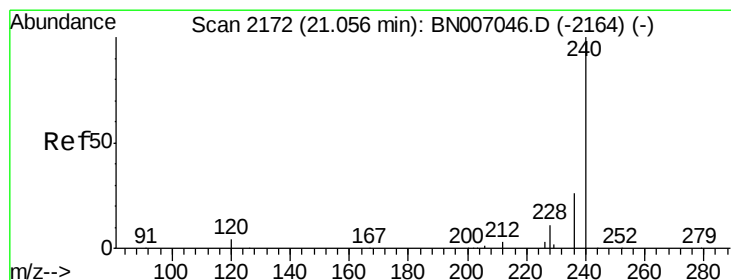
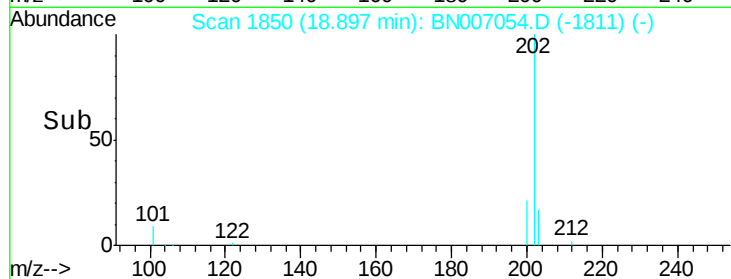
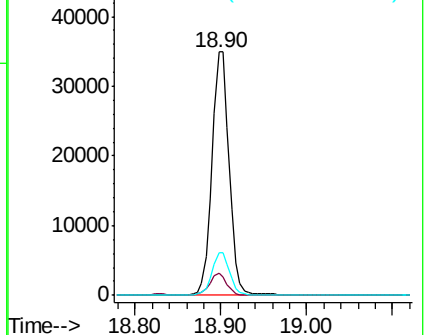
203 17.4 13.8 20.8



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: BN007054.D

Acq: 10 Aug 2019 18:46

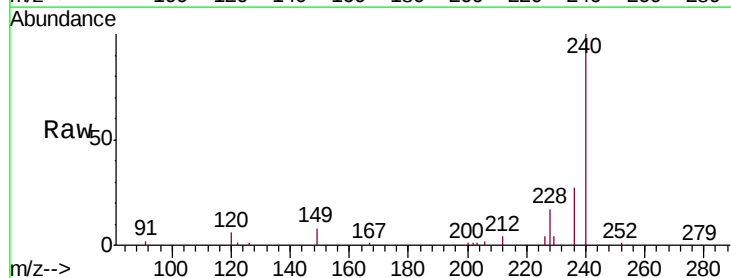
Tgt Ion:240 Resp: 37518

Ion Ratio Lower Upper

240 100

120 6.1 4.0 6.0#

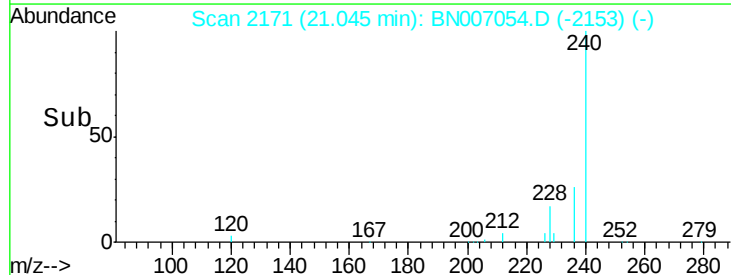
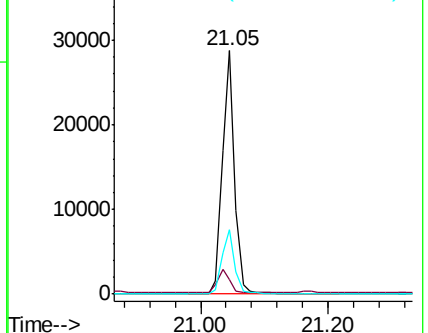
236 26.5 21.3 31.9

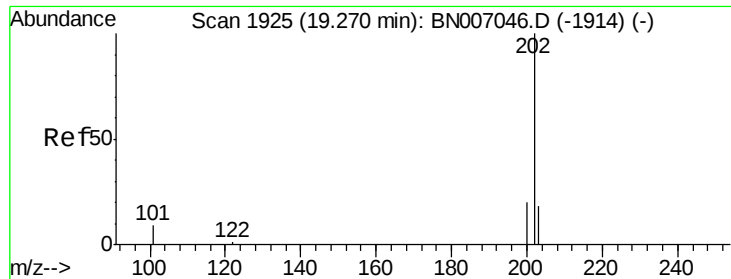


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

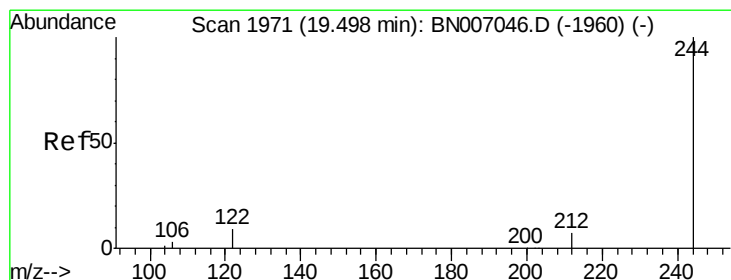
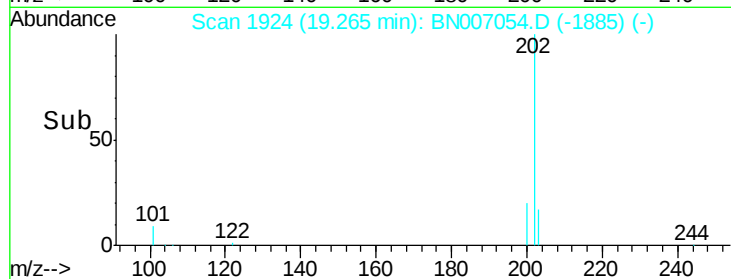
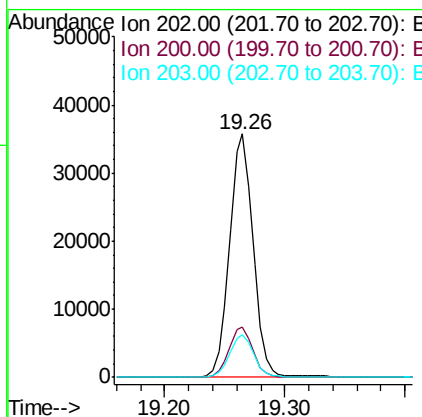
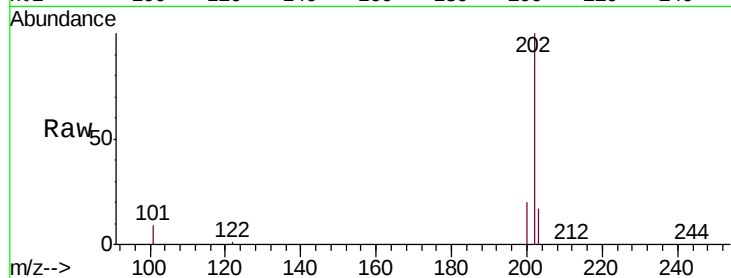




#27
 Pyrene
 Concen: 0.367 ng
 RT: 19.26 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BN007054.D
 Acq: 10 Aug 2019 18:46

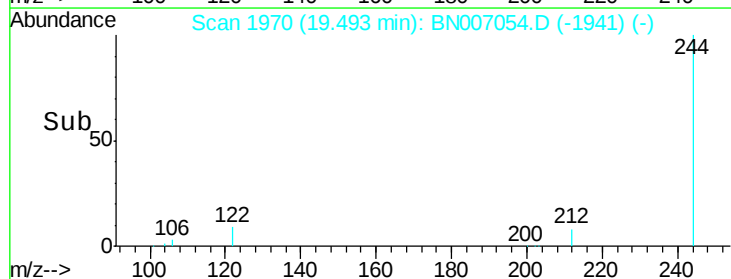
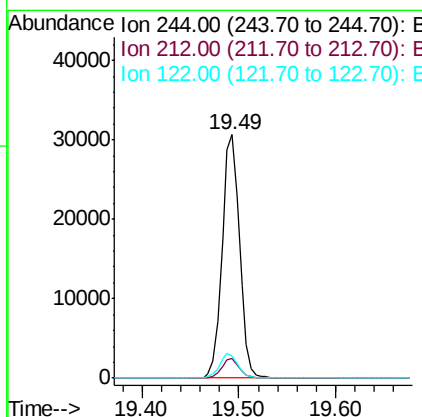
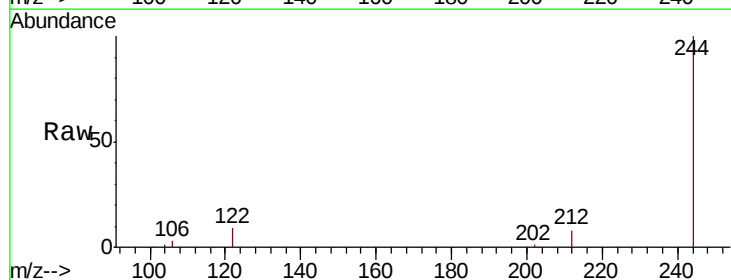
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

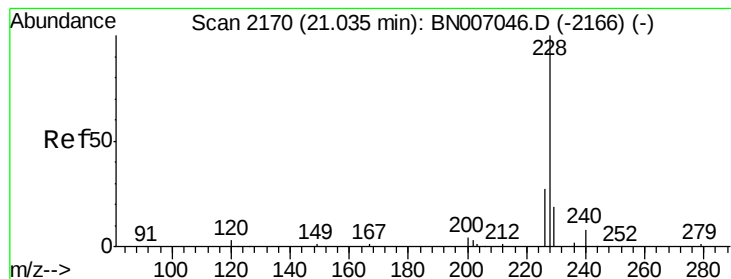
Tgt Ion: 202 Resp: 48243
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.6 24.8
 203 17.4 14.0 21.0



#28
 Terphenyl-d14
 Concen: 0.372 ng
 RT: 19.49 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BN007054.D
 Acq: 10 Aug 2019 18:46

Tgt Ion: 244 Resp: 38005
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 9.1 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.380 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007054.D

Acq: 10 Aug 2019 18:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

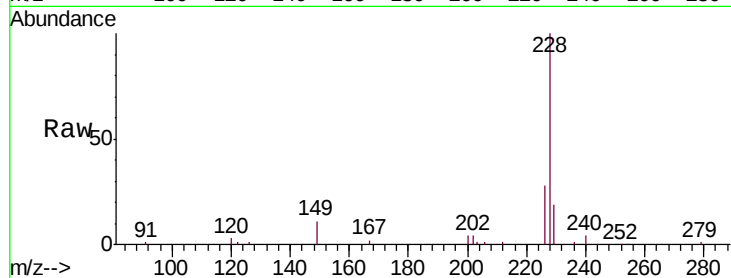
Tgt Ion:228 Resp: 52188

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.6

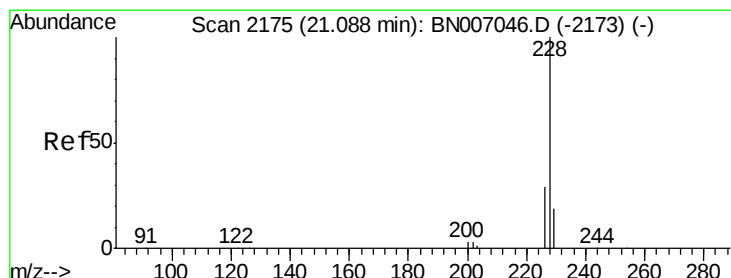
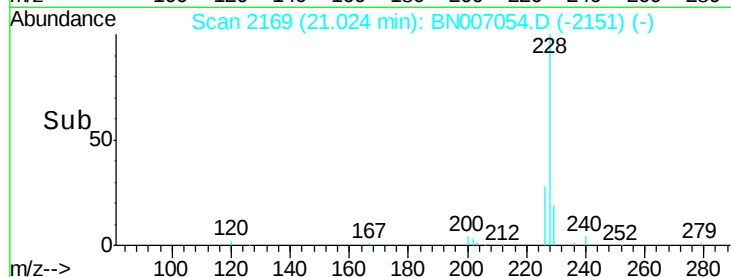
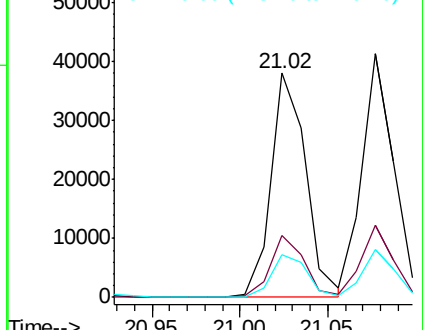
229 19.2 15.6 23.4



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



#30

Chrysene

Concen: 0.387 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007054.D

Acq: 10 Aug 2019 18:46

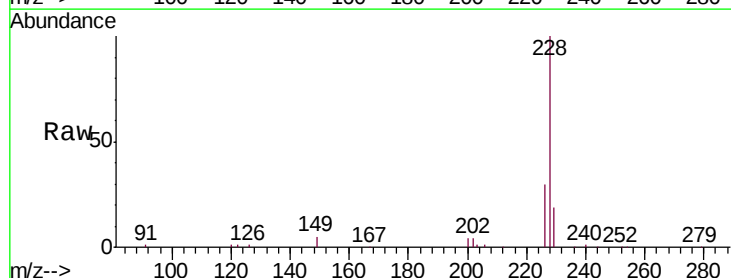
Tgt Ion:228 Resp: 51636

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

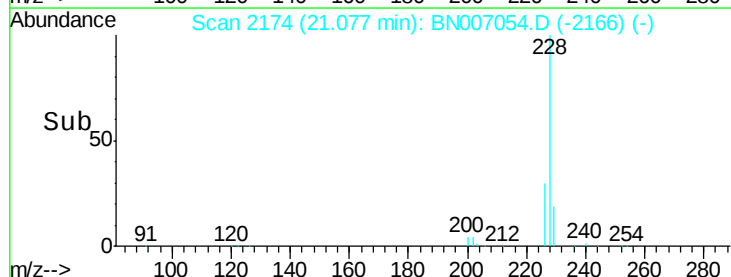
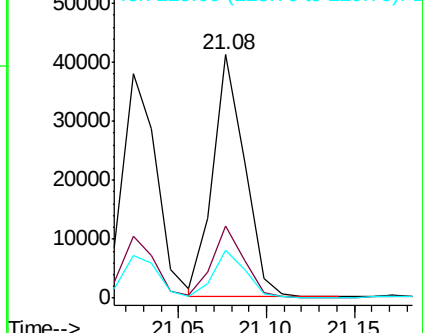
229 19.5 15.7 23.5

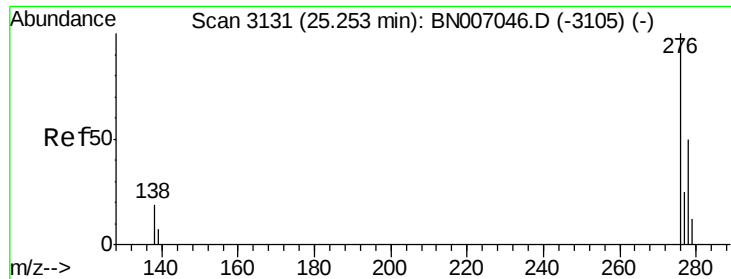


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.380 ng

RT: 25.24 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BN007054.D

Acq: 10 Aug 2019 18:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

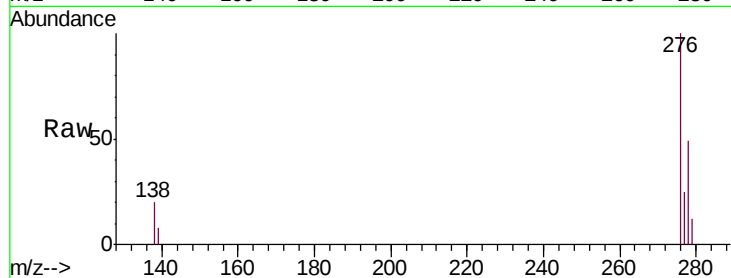
Tgt Ion:276 Resp: 55786

Ion Ratio Lower Upper

276 100

138 20.4 16.0 24.0

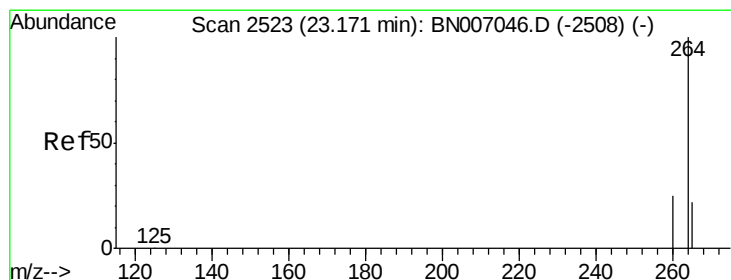
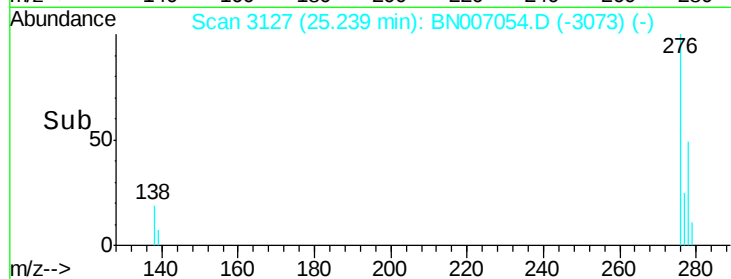
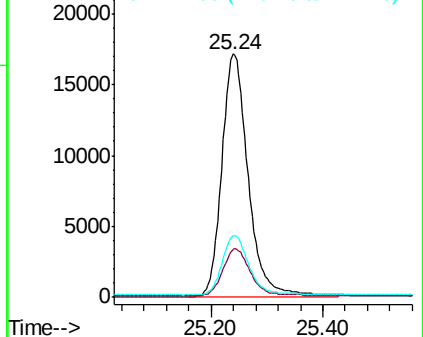
277 25.1 19.9 29.9



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: 23.16 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BN007054.D

Acq: 10 Aug 2019 18:46

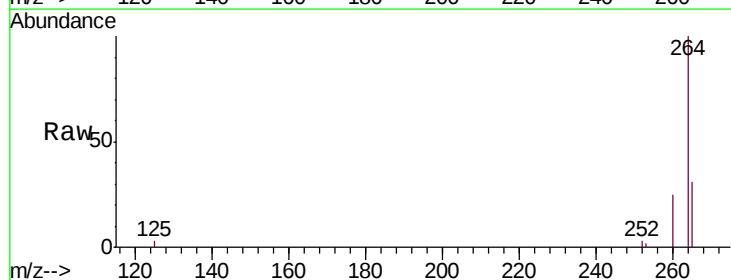
Tgt Ion:264 Resp: 38700

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.8

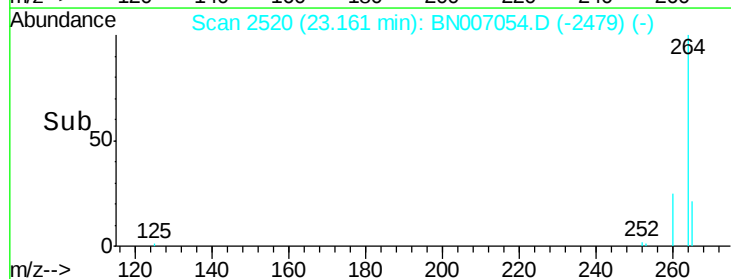
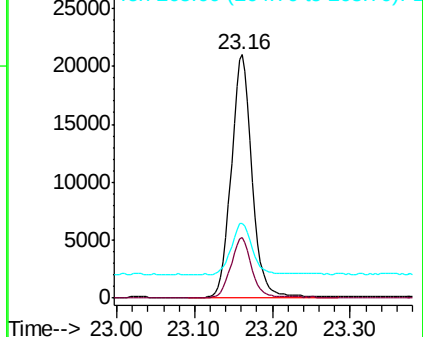
265 30.9 26.2 39.4

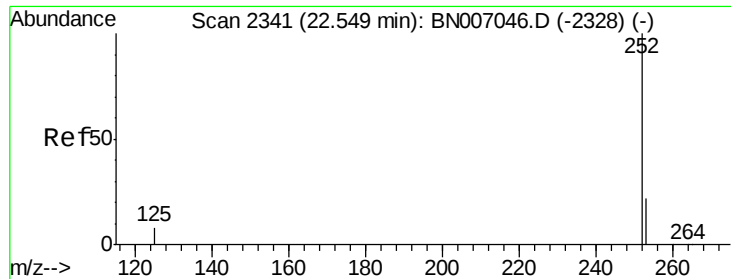


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.368 ng

RT: 22.54 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BN007054.D

Acq: 10 Aug 2019 18:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

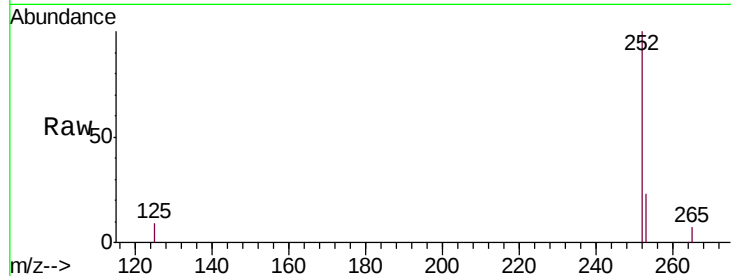
Tgt Ion:252 Resp: 48847

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

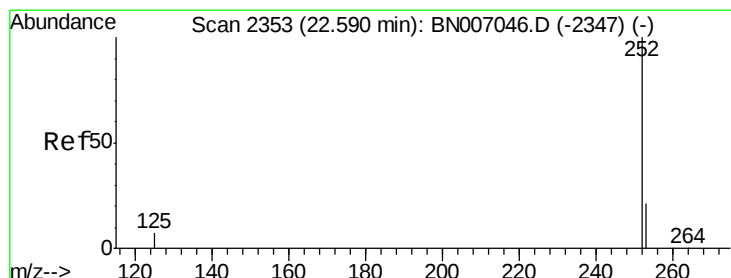
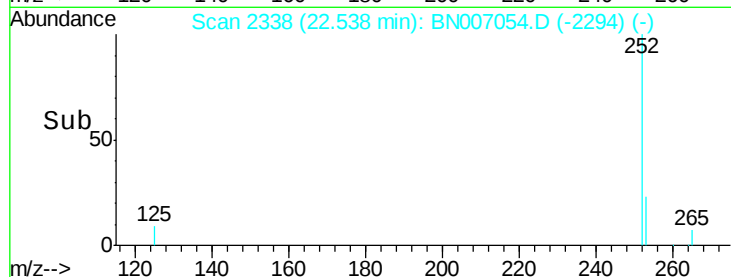
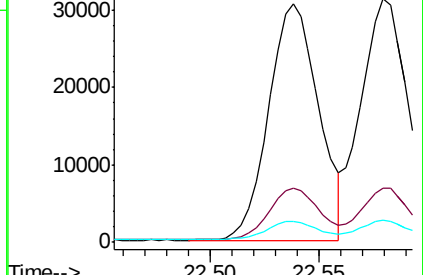
125 8.8 7.4 11.0



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: 0.381 ng

RT: 22.58 min Scan# 2350

Delta R.T. -0.01 min

Lab File: BN007054.D

Acq: 10 Aug 2019 18:46

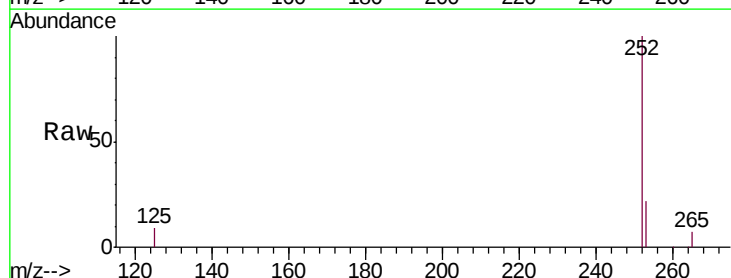
Tgt Ion:252 Resp: 49948

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

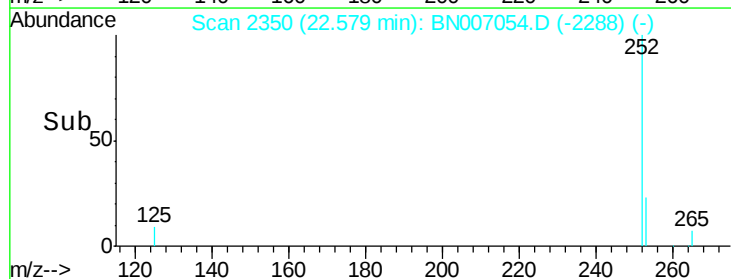
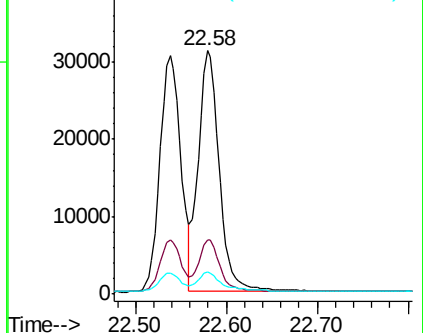
125 8.9 7.4 11.0

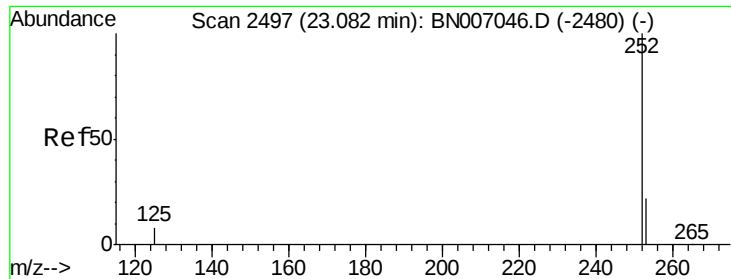


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.370 ng

RT: 23.07 min Scan# 2493

Delta R.T. -0.01 min

Lab File: BN007054.D

Acq: 10 Aug 2019 18:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

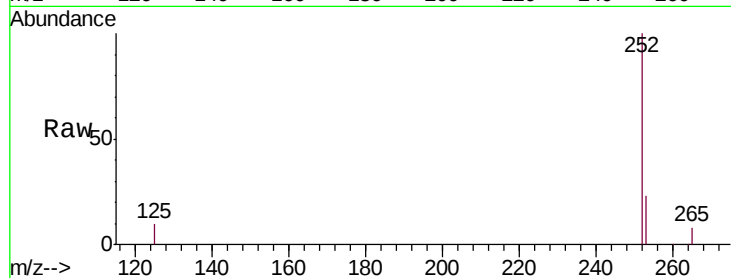
Tgt Ion:252 Resp: 44487

Ion Ratio Lower Upper

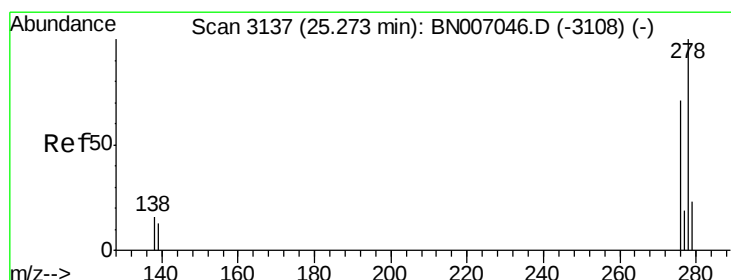
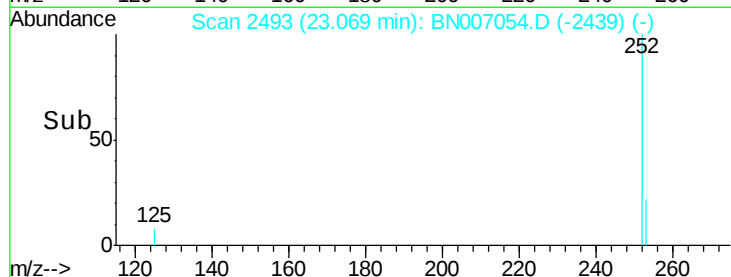
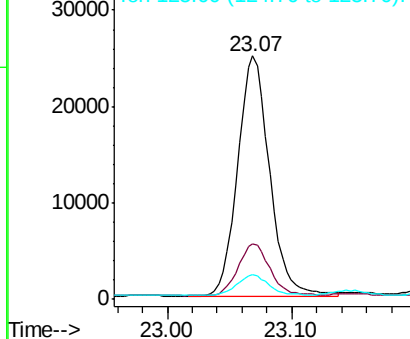
252 100

253 23.0 18.5 27.7

125 10.0 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: 0.381 ng

RT: 25.26 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BN007054.D

Acq: 10 Aug 2019 18:46

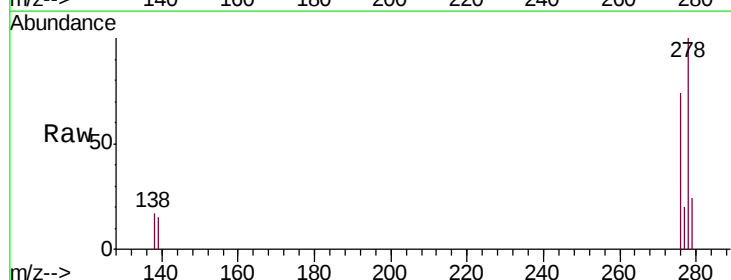
Tgt Ion:278 Resp: 45718

Ion Ratio Lower Upper

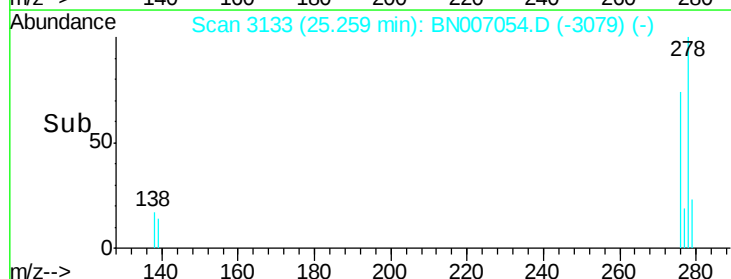
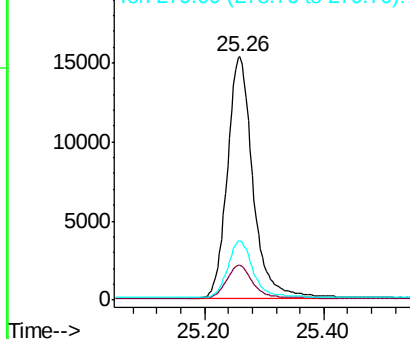
278 100

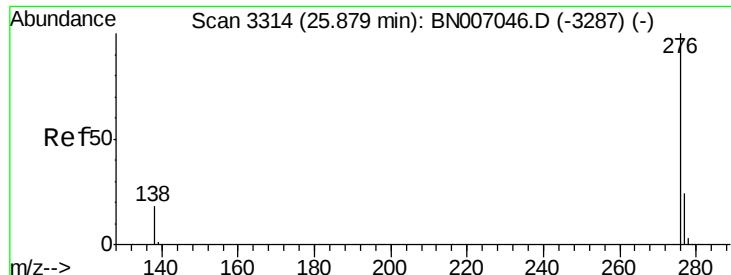
139 14.5 11.3 16.9

279 24.3 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: 0.374 ng

RT: 25.87 min Scan# 3310

Delta R.T. -0.01 min

Lab File: BN007054.D

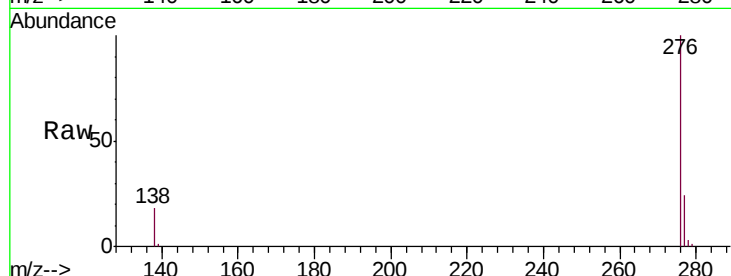
Acq: 10 Aug 2019 18:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4



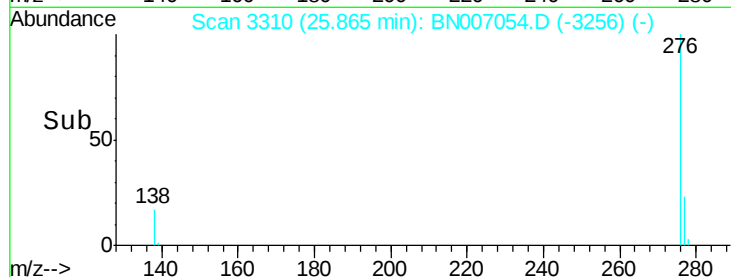
Tgt Ion: 276 Resp: 46232

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.8

138 17.7 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

