

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
 Data File : BN007776.D
 Acq On : 20 Sep 2019 22:19
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Sep 20 23:08:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	5977	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	24320	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	15331	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	34981	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	40260	0.40	ng	-0.02
34) Perylene-d12	23.46	264	43624	0.40	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	6605	0.32	ng	0.00
5) Phenol-d6	6.86	99	8330	0.32	ng	0.00
8) Nitrobenzene-d5	8.83	82	7404	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	16478	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	2432	0.29	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	23682	0.38	ng	-0.01
25) Fluoranthene-d10	19.09	212	47200	0.40	ng	-0.01
29) Terphenyl-d14	19.70	244	40069	0.41	ng	-0.01

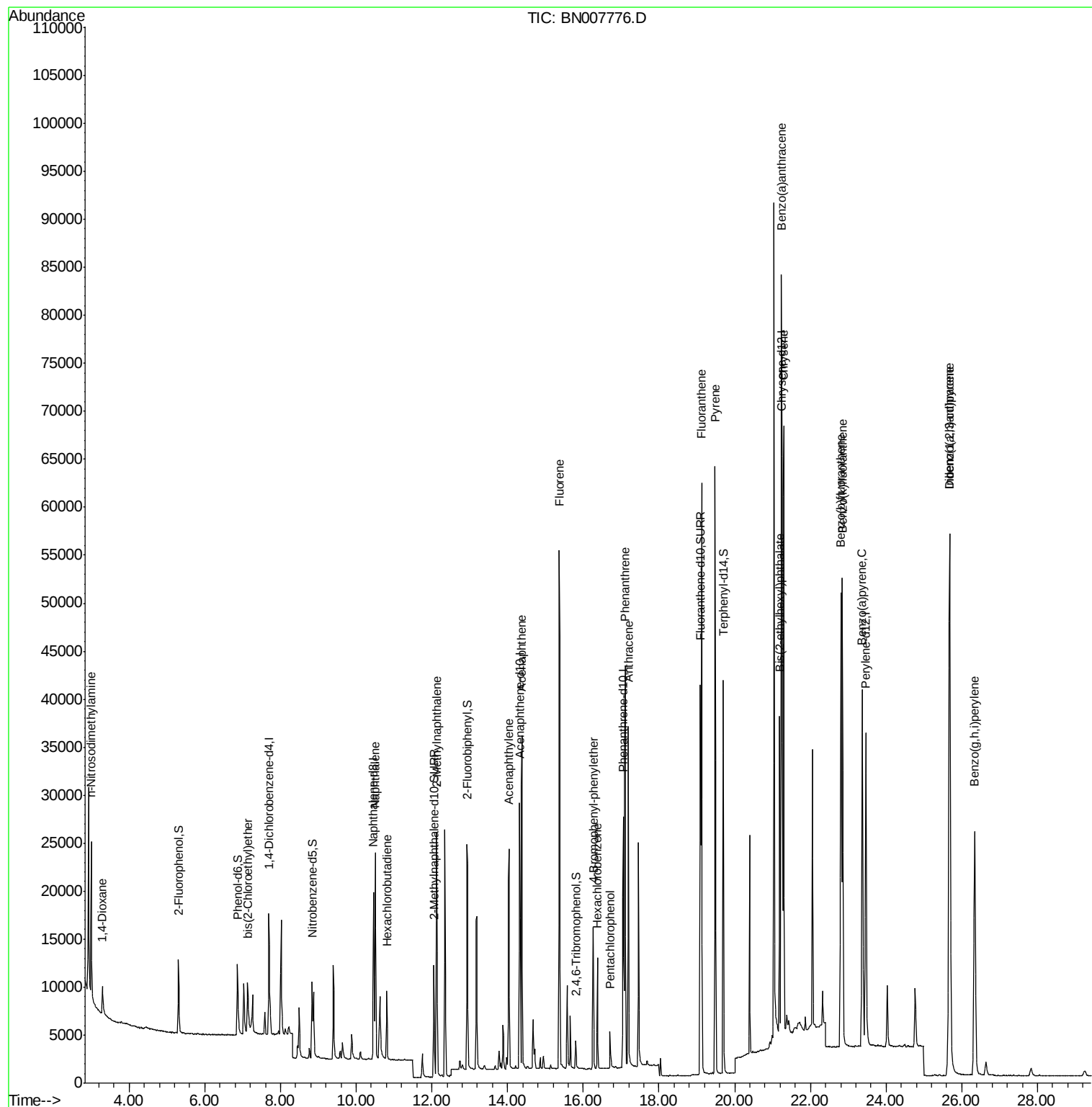
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	2390	0.359	ng	# 80
3) n-Nitrosodimethylamine	3.00	42	1735	0.569	ng	# 94
6) bis(2-Chloroethyl)ether	7.14	93	6131	0.362	ng	98
9) Naphthalene	10.51	128	27167	0.398	ng	99
10) Hexachlorobutadiene	10.81	225	5773	0.402	ng	# 100
12) 2-Methylnaphthalene	12.13	142	18762	0.407	ng	99
16) Acenaphthylene	14.04	152	28074	0.345	ng	100
17) Acenaphthene	14.38	154	18903	0.361	ng	97
18) Fluorene	15.36	166	24505	0.365	ng	100
20) 4-Bromophenyl-phenylether	16.26	248	8371	0.394	ng	99
21) Hexachlorobenzene	16.38	284	9469	0.408	ng	99
22) Pentachlorophenol	16.72	266	2652	0.310	ng	98
23) Phenanthrene	17.10	178	43781	0.402	ng	100
24) Anthracene	17.19	178	37688	0.383	ng	100
26) Fluoranthene	19.12	202	54414	0.402	ng	100
28) Pyrene	19.49	202	56039	0.408	ng	100
30) Benzo(a)anthracene	21.24	228	56946	0.384	ng	98
31) Chrysene	21.29	228	58241	0.403	ng	98
32) Bis(2-ethylhexyl)phthalate	21.19	149	27746	0.364	ng	97
33) Indeno(1,2,3-cd)pyrene	25.67	276	68876	0.381	ng	98
35) Benzo(b)fluoranthene	22.80	252	57377	0.379	ng	100
36) Benzo(k)fluoranthene	22.85	252	62594	0.418	ng	99
37) Benzo(a)pyrene	23.37	252	54809	0.385	ng	99
38) Dibenzo(a,h)anthracene	25.68	278	55441	0.381	ng	100
39) Benzo(g,h,i)perylene	26.34	276	53372	0.370	ng	99

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

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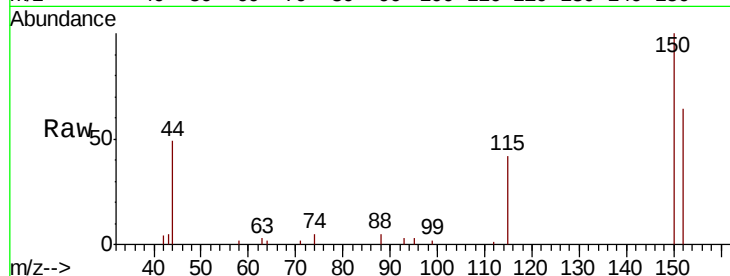


#1

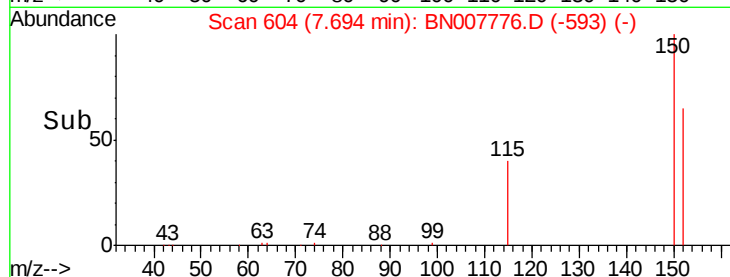
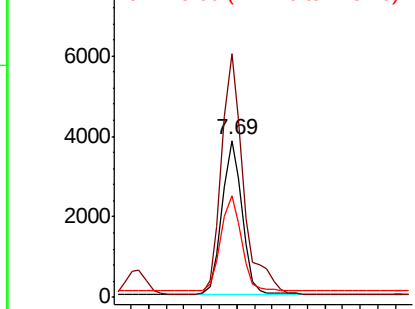
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007776.D
Acq: 20 Sep 2019 22:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 5977
Ion Ratio Lower Upper
152 100
150 155.4 125.6 188.4
115 64.5 53.3 79.9



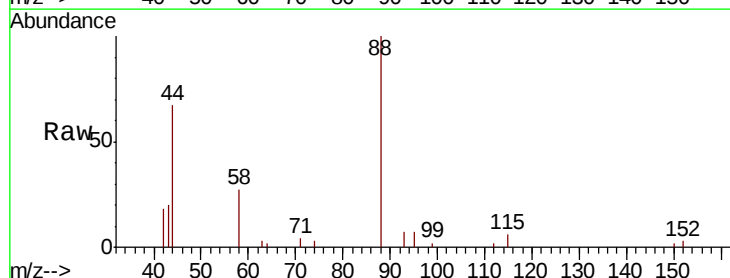
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



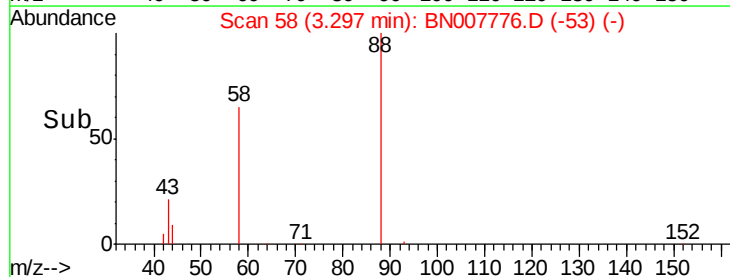
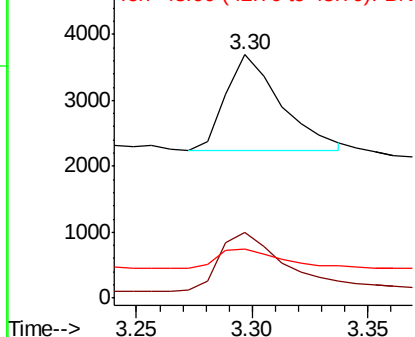
#2

1,4-Dioxane
Concen: 0.359 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007776.D
Acq: 20 Sep 2019 22:19

Tgt Ion: 88 Resp: 2390
Ion Ratio Lower Upper
88 100
58 72.1 44.6 66.8#
43 23.1 14.4 21.6#



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: 0.569 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

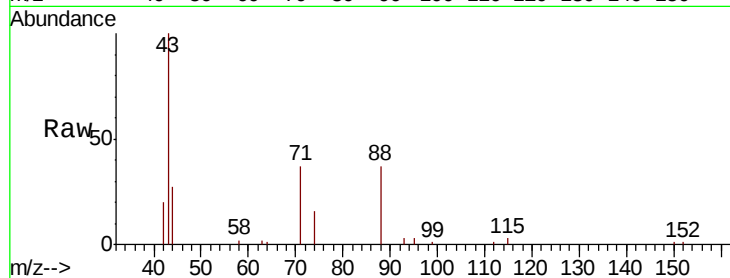
Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion: 42 Resp: 1735

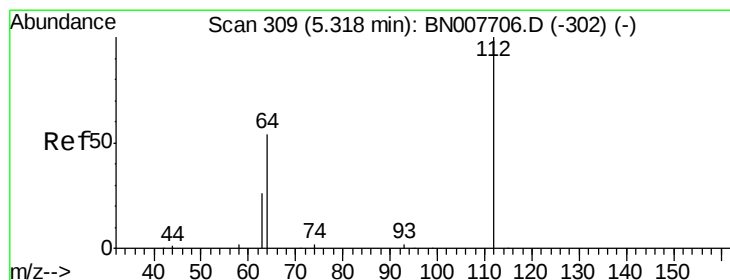
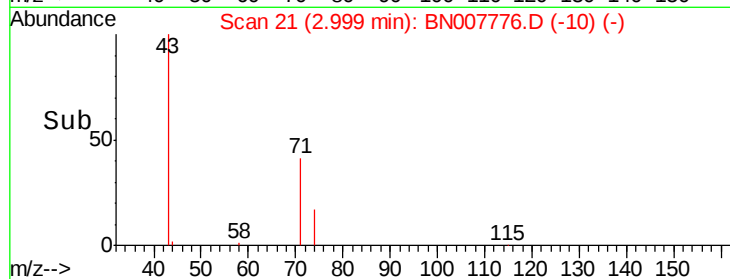
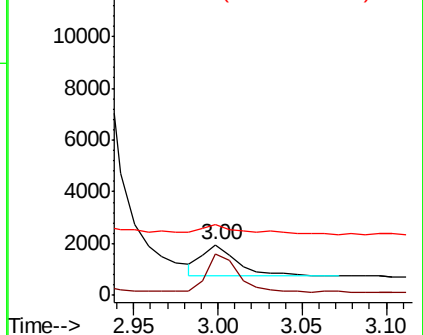
Ion	Ratio	Lower	Upper
42	100		
74	108.8	87.9	131.9
44	49.0	29.4	44.0#



Abundance Ion 42.00 (41.70 to 42.70): BN007706.D (-20) (-)

Ion 74.00 (73.70 to 74.70): BN007706.D (-20) (-)

Ion 44.00 (43.70 to 44.70): BN007706.D (-20) (-)



#4

2-Fluorophenol

Concen: 0.321 ng

RT: 5.31 min Scan# 308

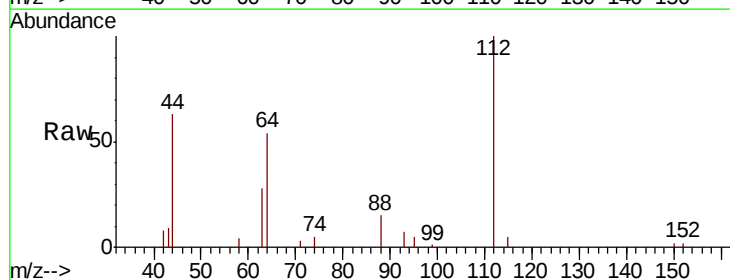
Delta R.T. -0.01 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

Tgt Ion: 112 Resp: 6605

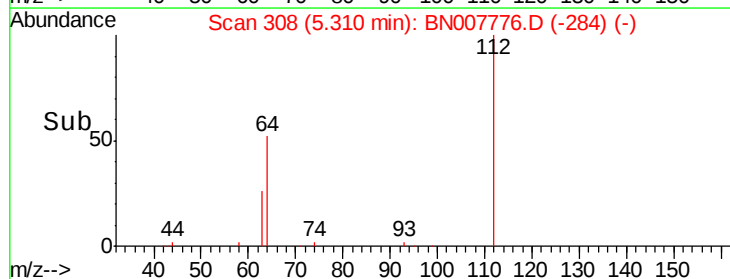
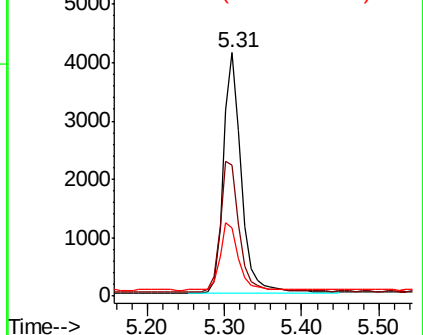
Ion	Ratio	Lower	Upper
112	100		
64	58.5	46.6	70.0
63	29.3	23.1	34.7

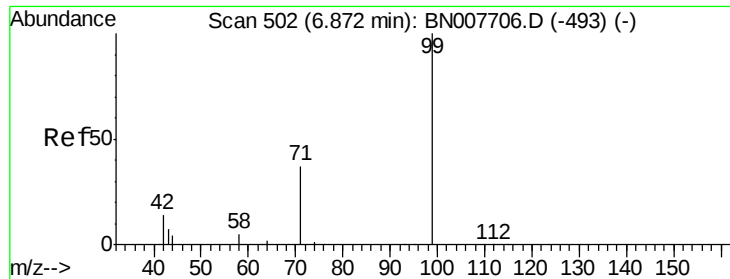


Abundance Ion 112.00 (111.70 to 112.70): BN007706.D (-302) (-)

Ion 64.00 (63.70 to 64.70): BN007706.D (-302) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-302) (-)





#5

Phenol-d6

Concen: 0.324 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

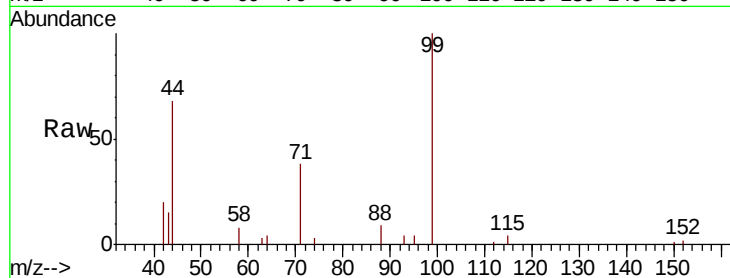
Tot Ion: 99 Resp: 8330

Ion Ratio Lower Upper

99 100

42 15.3 12.8 19.2

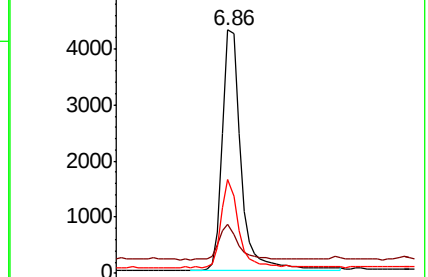
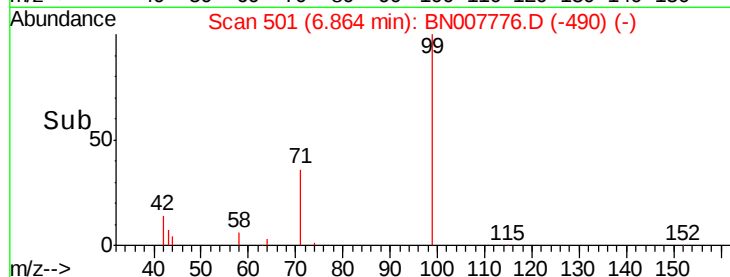
71 34.5 27.6 41.4



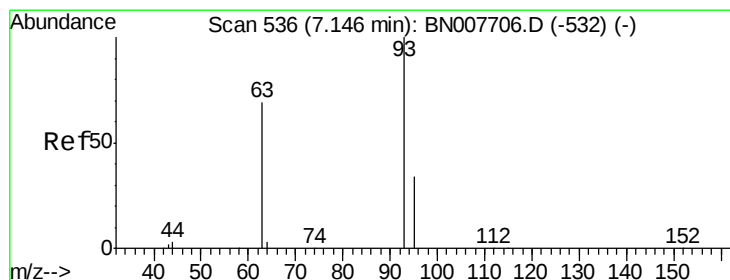
Abundance Ion 99.00 (98.70 to 99.70): BN007776.D (-501) (-)

Ion 42.00 (41.70 to 42.70): BN007776.D (-501) (-)

Ion 71.00 (70.70 to 71.70): BN007776.D (-501) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.362 ng

RT: 7.14 min Scan# 535

Delta R.T. -0.01 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

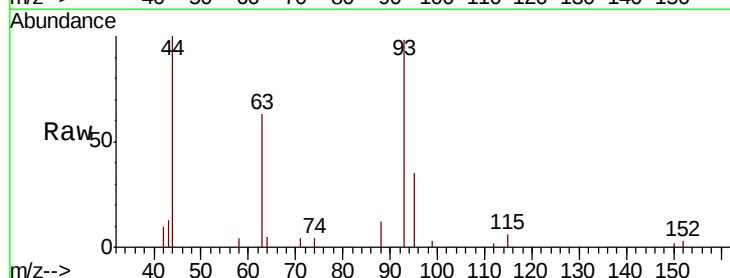
Tgt Ion: 93 Resp: 6131

Ion Ratio Lower Upper

93 100

63 76.3 59.3 88.9

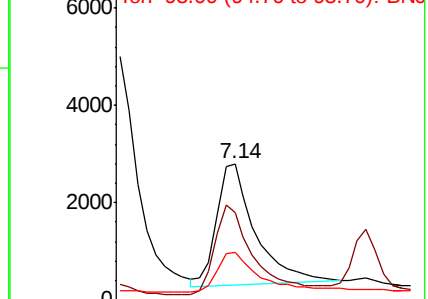
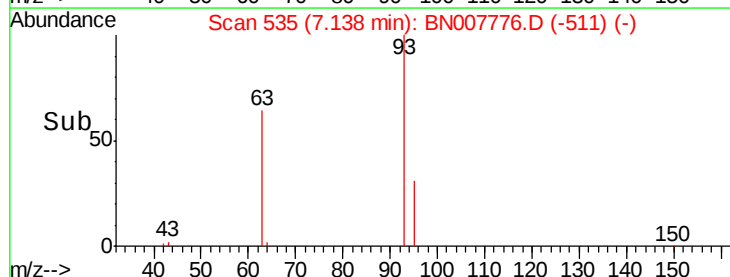
95 39.1 31.4 47.0



Abundance Ion 93.00 (92.70 to 93.70): BN007776.D (-535) (-)

Ion 63.00 (62.70 to 63.70): BN007776.D (-535) (-)

Ion 95.00 (94.70 to 95.70): BN007776.D (-535) (-)



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 24320

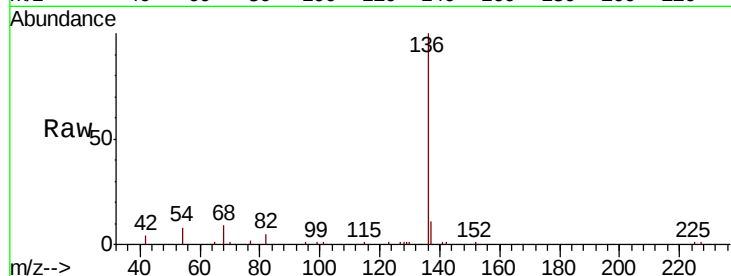
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 8.2 5.8 8.8

68 8.8 6.5 9.7

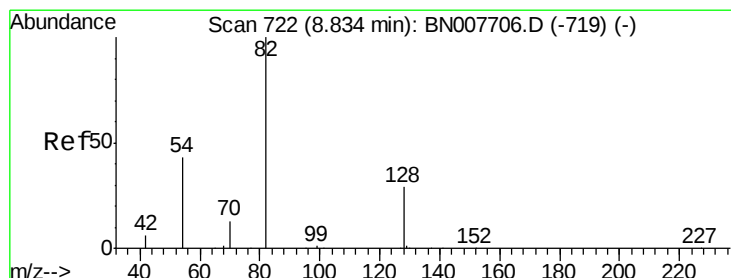
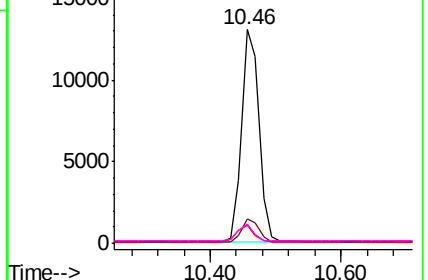
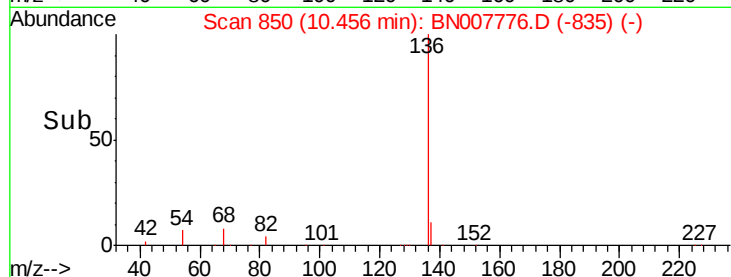


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.348 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

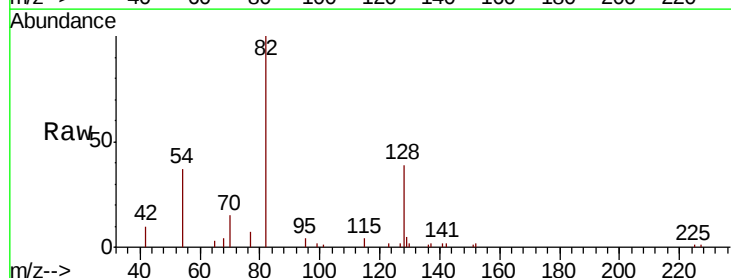
Tgt Ion: 82 Resp: 7404

Ion Ratio Lower Upper

82 100

128 39.3 24.5 36.7#

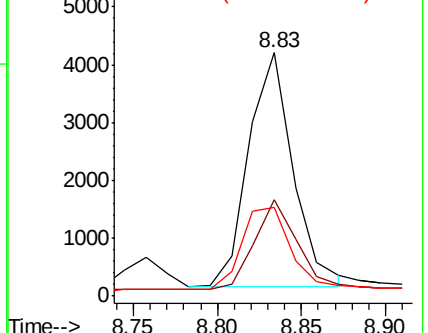
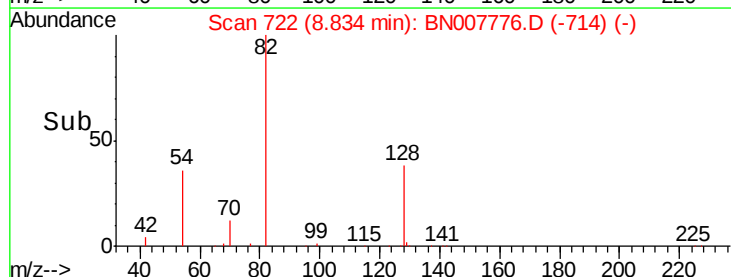
54 36.5 35.2 52.8



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: 0.398 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

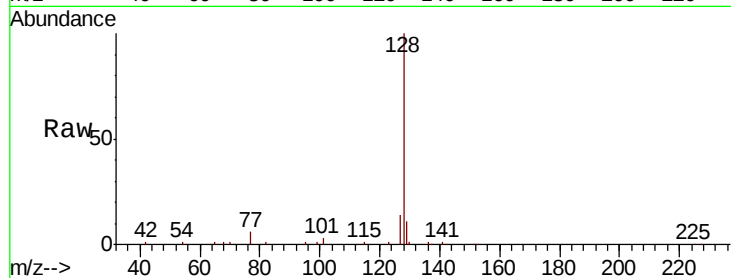
Tot Ion:128 Resp: 27167

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

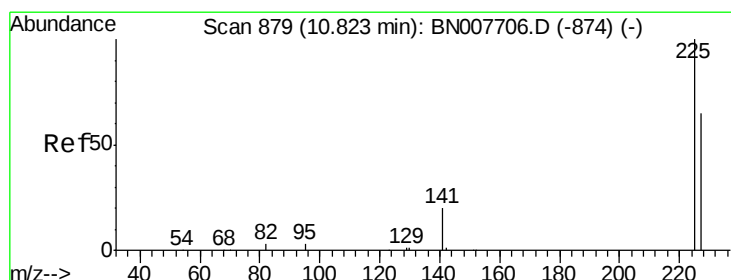
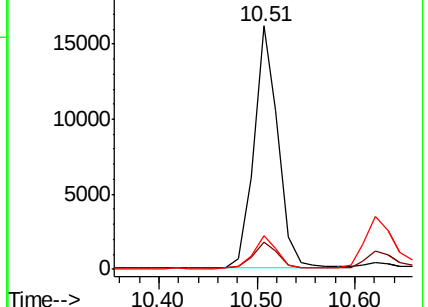
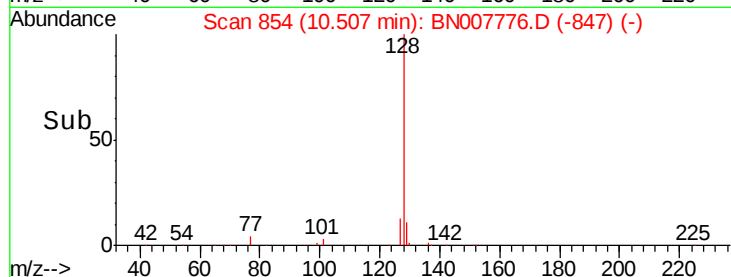
127 13.6 10.6 15.8



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: 0.402 ng

RT: 10.81 min Scan# 878

Delta R.T. -0.01 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

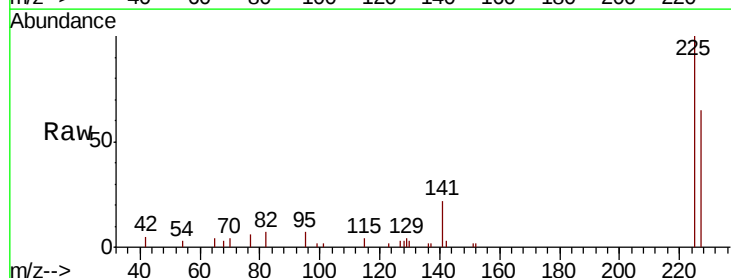
Tgt Ion:225 Resp: 5773

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

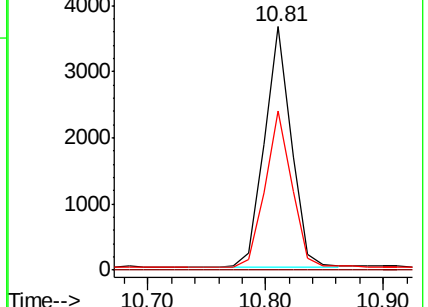
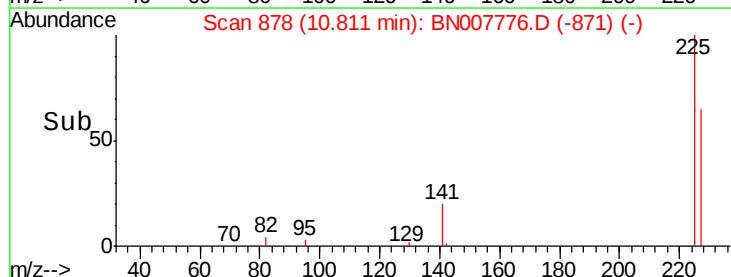
227 63.9 51.2 76.8

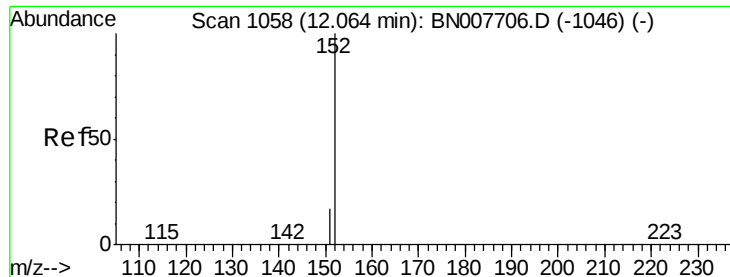


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

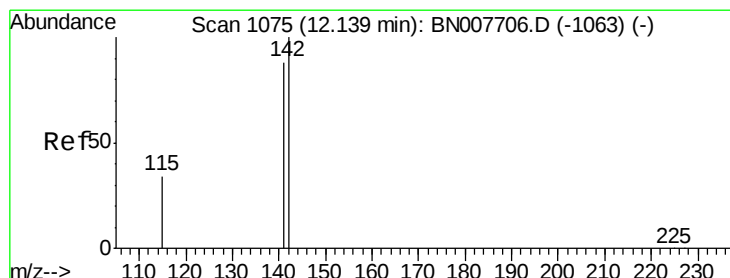
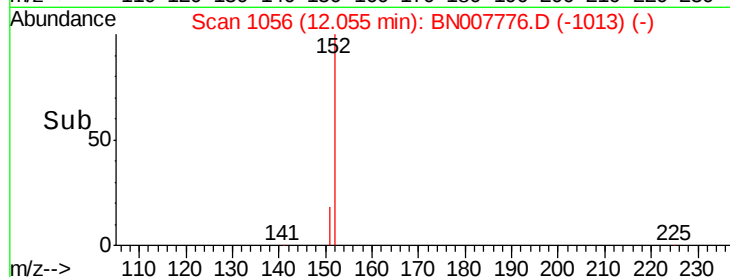
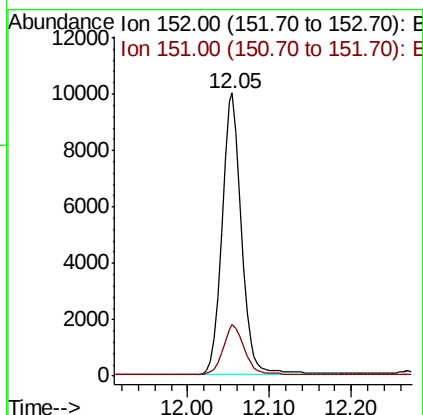
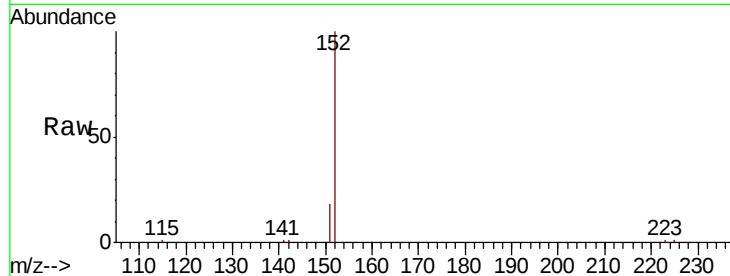




#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.05 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BN007776.D
Acq: 20 Sep 2019 22:19

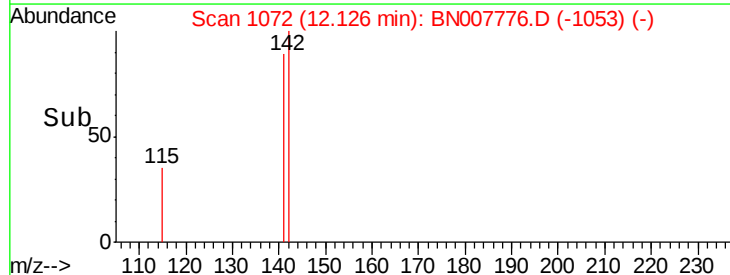
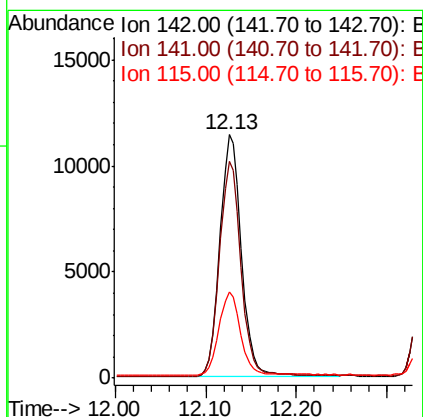
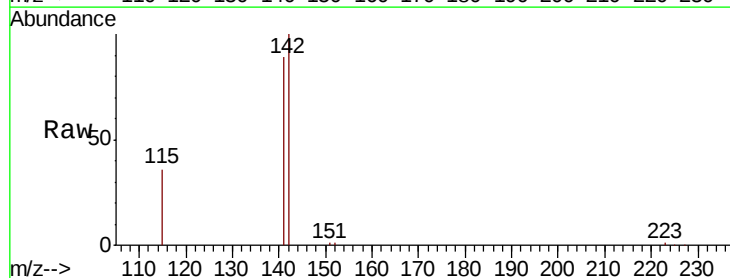
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 16478
Ion Ratio Lower Upper
152 100
151 19.1 15.4 23.2



#12
2-Methylnaphthalene
Concen: 0.407 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007776.D
Acq: 20 Sep 2019 22:19

Tgt Ion:142 Resp: 18762
Ion Ratio Lower Upper
142 100
141 88.9 70.6 106.0
115 35.6 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

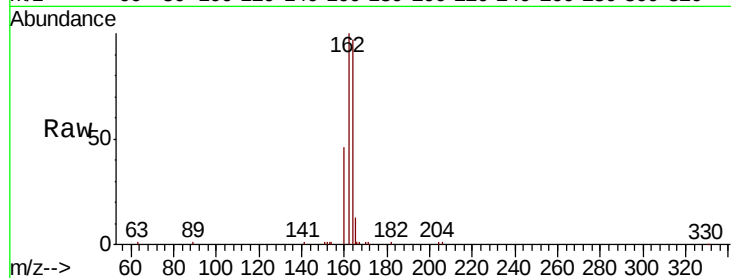
Tot Ion:164 Resp: 15331

Ion Ratio Lower Upper

164 100

162 102.9 81.7 122.5

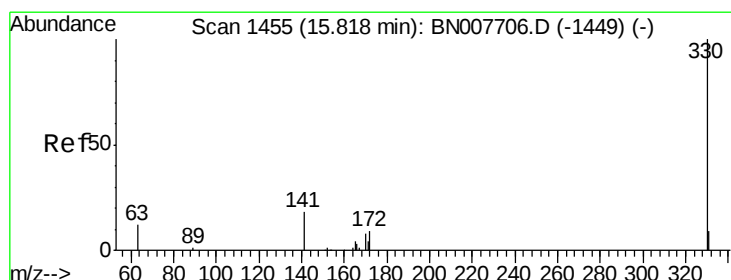
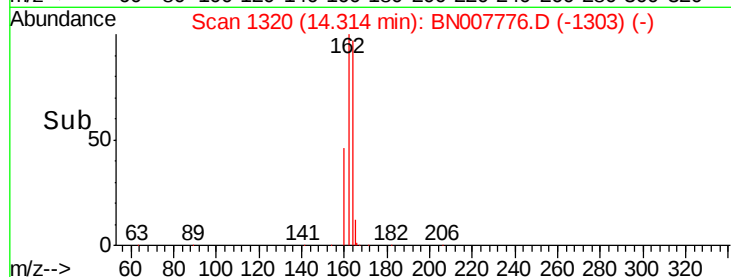
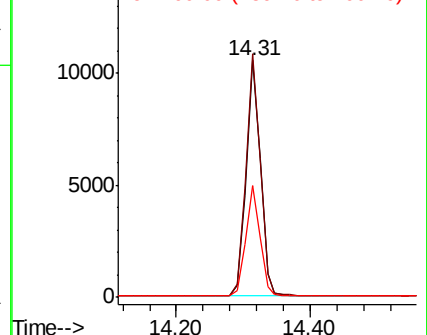
160 47.3 37.0 55.4



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: 0.291 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

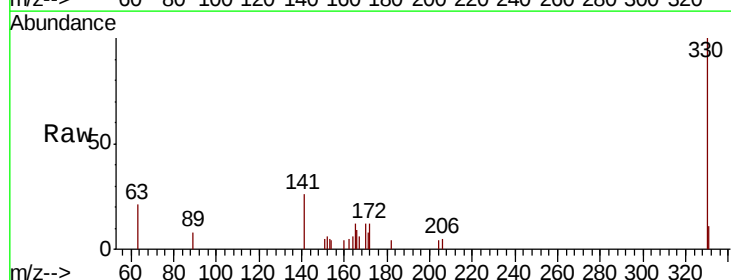
Tgt Ion:330 Resp: 2432

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

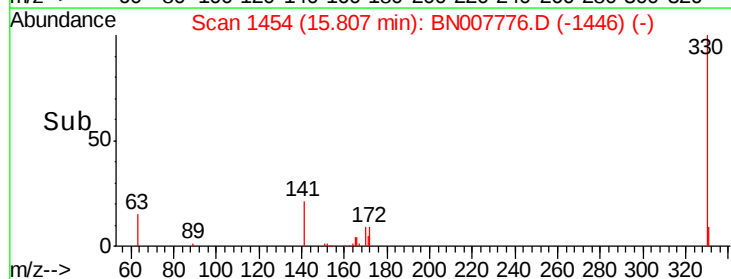
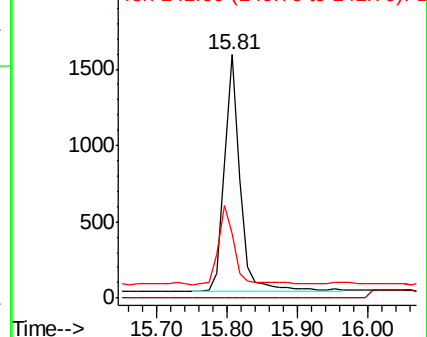
141 33.1 28.7 43.1



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

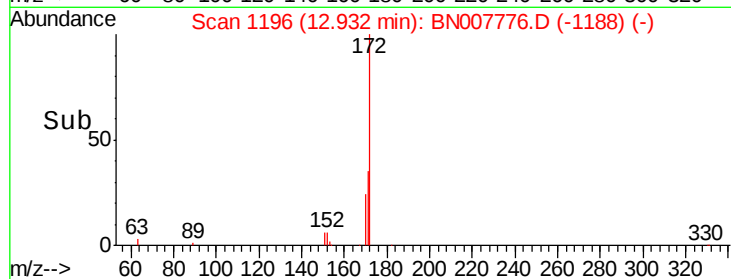
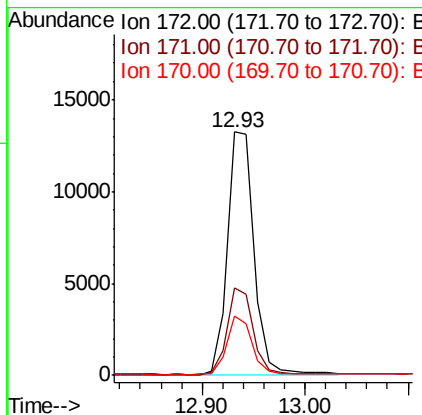
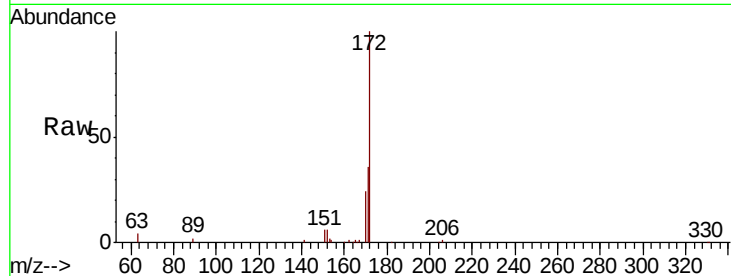




#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007776.D
Acq: 20 Sep 2019 22:19

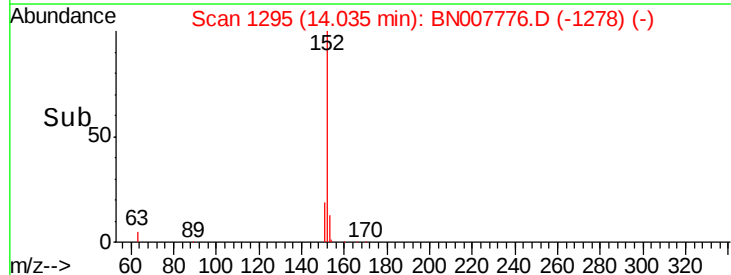
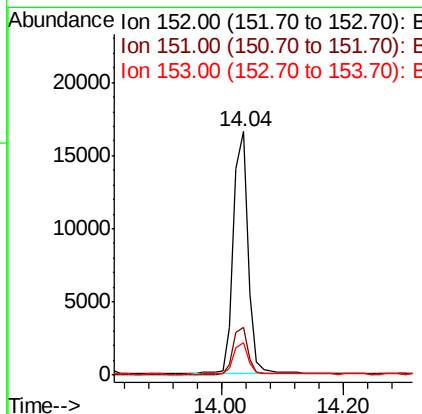
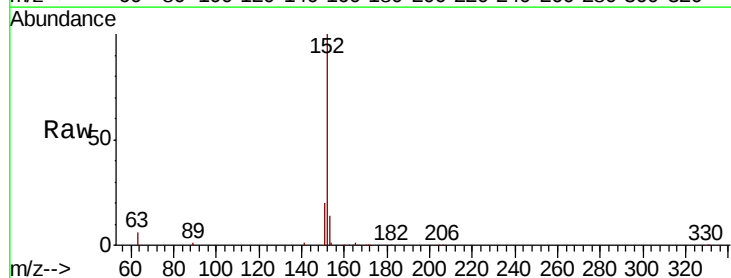
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

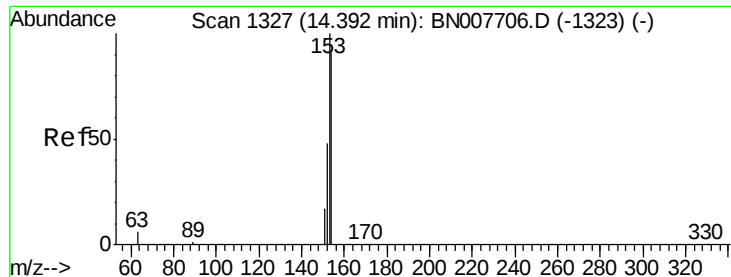
Tot Ion:172 Resp: 23682
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.3 19.5 29.3



#16
Acenaphthylene
Concen: 0.345 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007776.D
Acq: 20 Sep 2019 22:19

Tgt Ion:152 Resp: 28074
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.361 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

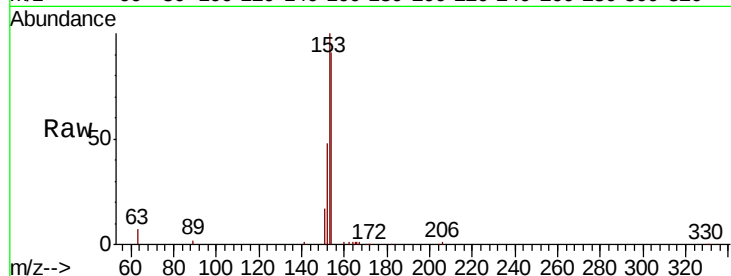
Tot Ion:154 Resp: 18903

Ion Ratio Lower Upper

154 100

153 111.7 87.0 130.4

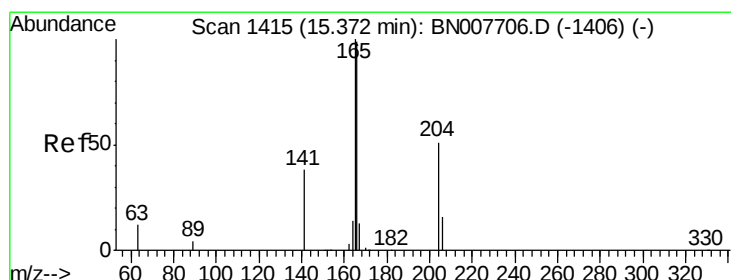
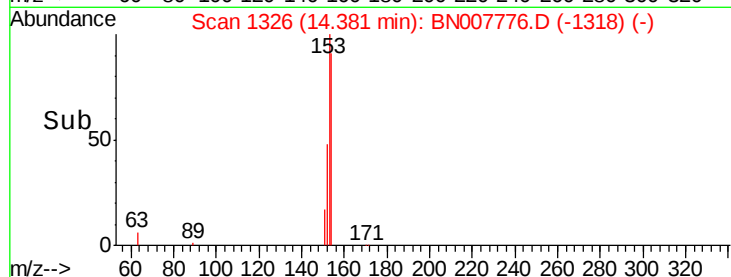
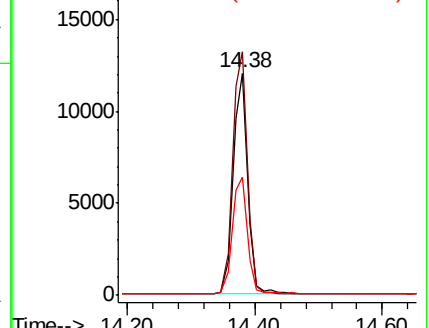
152 54.8 42.7 64.1



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: 0.365 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

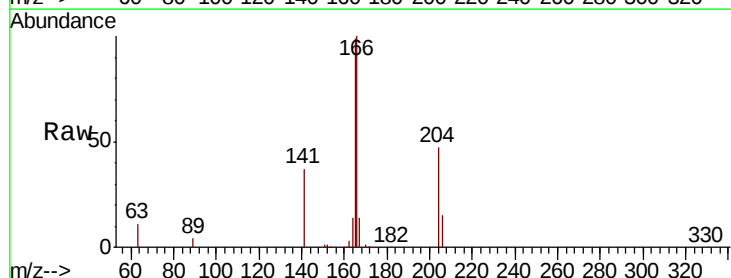
Tgt Ion:166 Resp: 24505

Ion Ratio Lower Upper

166 100

165 97.6 78.0 117.0

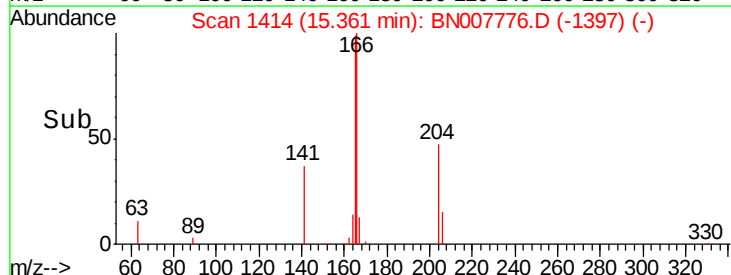
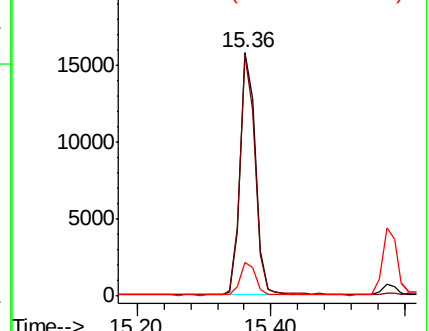
167 13.7 10.9 16.3

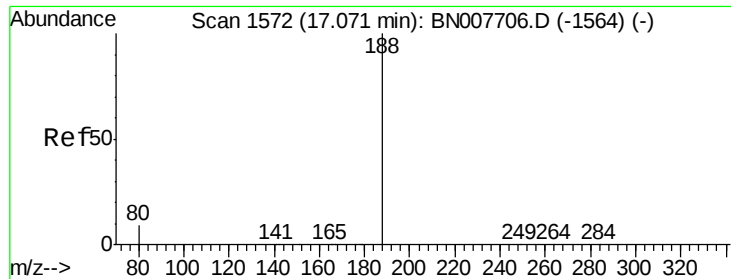


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

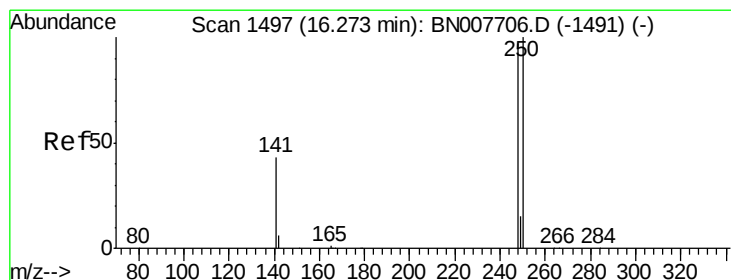
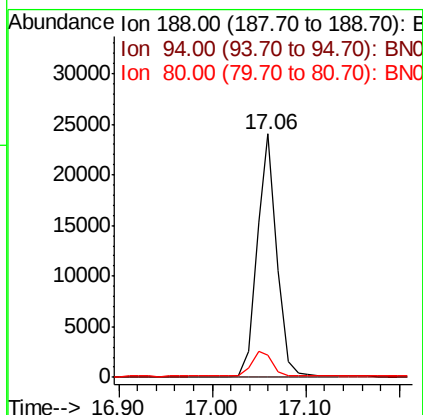
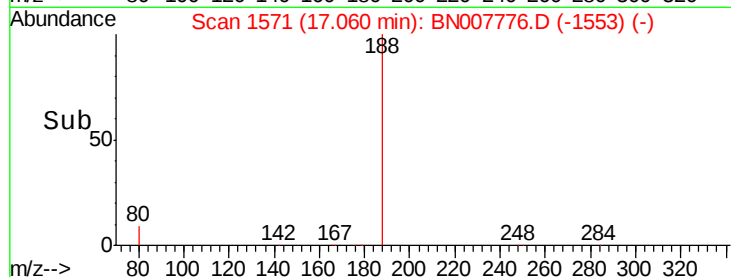
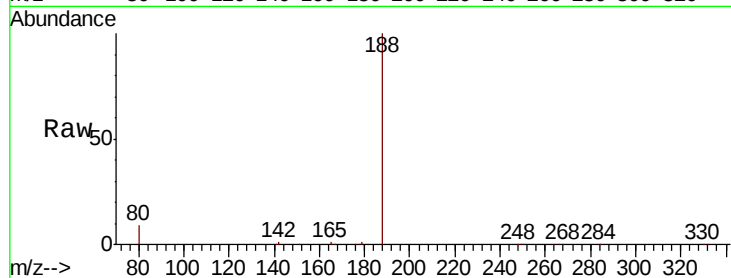
Tot Ion:188 Resp: 34981

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.1 7.4 11.2



#20

4-Bromophenyl-phenylether

Concen: 0.394 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

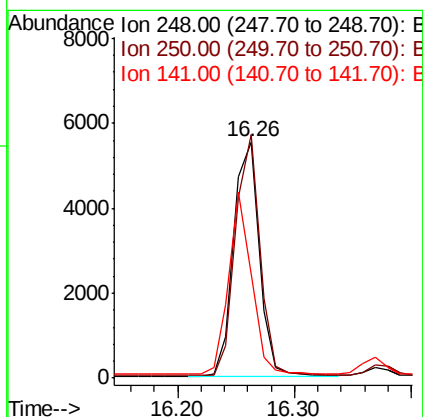
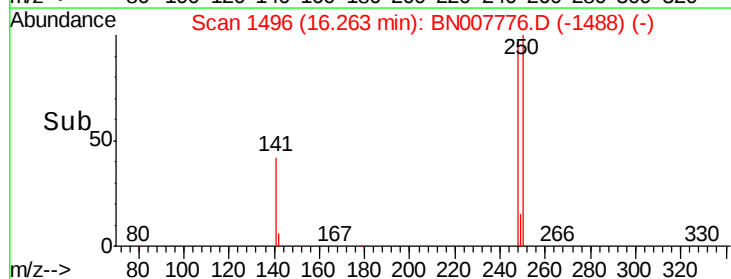
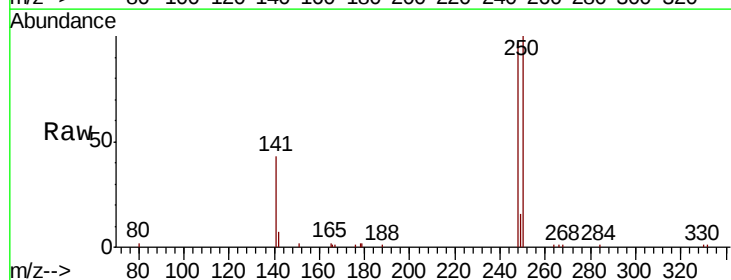
Tgt Ion:248 Resp: 8371

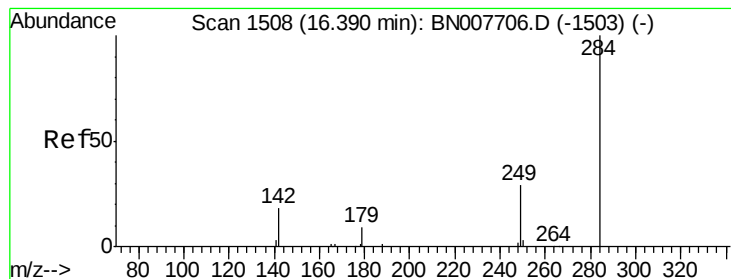
Ion Ratio Lower Upper

248 100

250 103.1 82.2 123.4

141 44.3 36.3 54.5





#21

Hexachlorobenzene

Concen: 0.408 ng

RT: 16.38 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

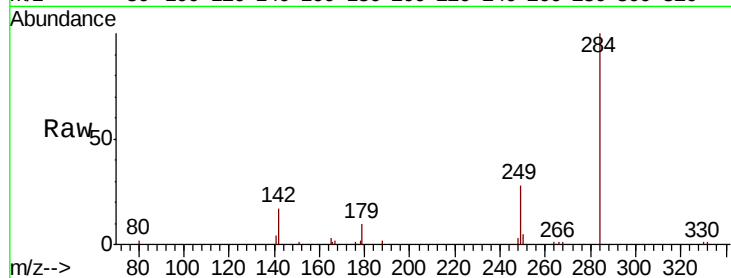
Tot Ion:284 Resp: 9469

Ion Ratio Lower Upper

284 100

142 33.1 25.8 38.6

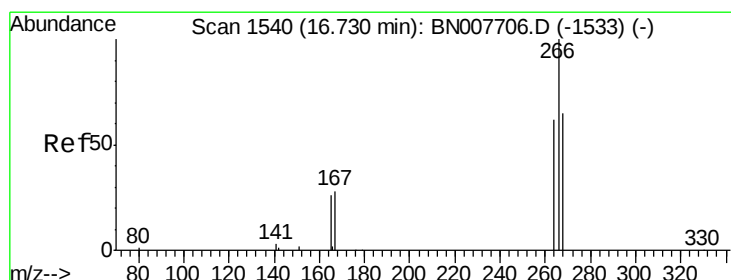
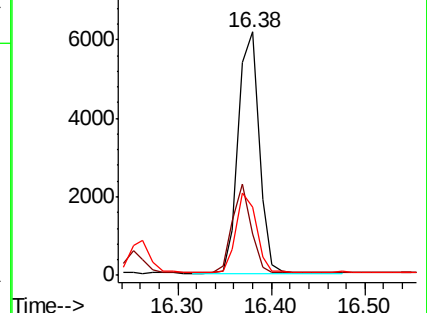
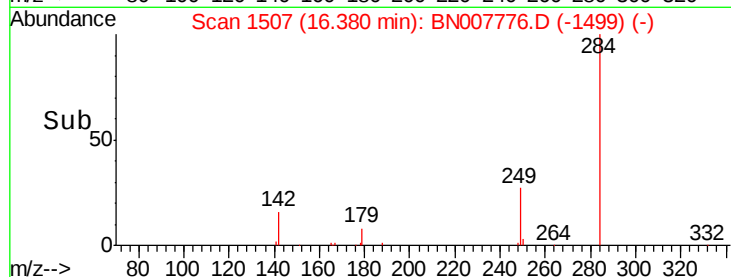
249 31.7 25.9 38.9



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: 0.310 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

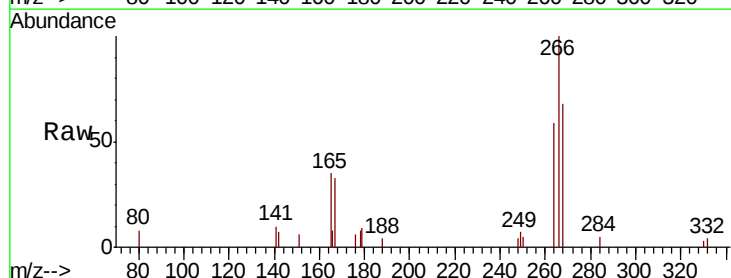
Tgt Ion:266 Resp: 2652

Ion Ratio Lower Upper

266 100

264 59.3 50.0 75.0

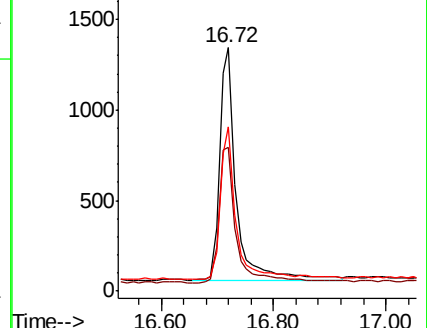
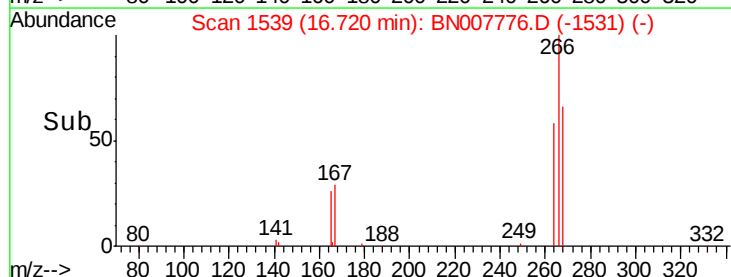
268 67.6 54.2 81.4

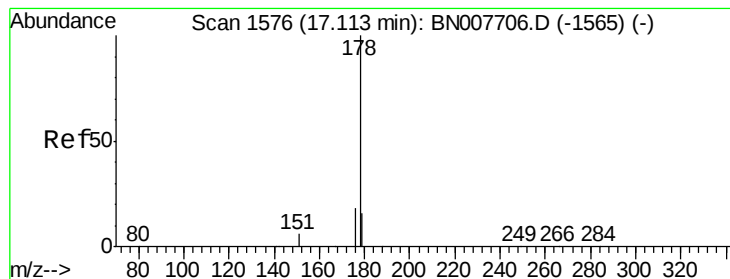


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.402 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

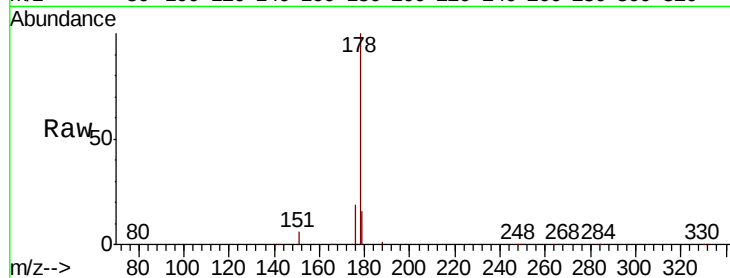
Tot Ion:178 Resp: 43781

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

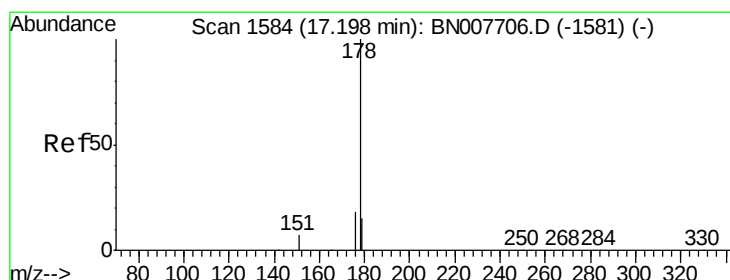
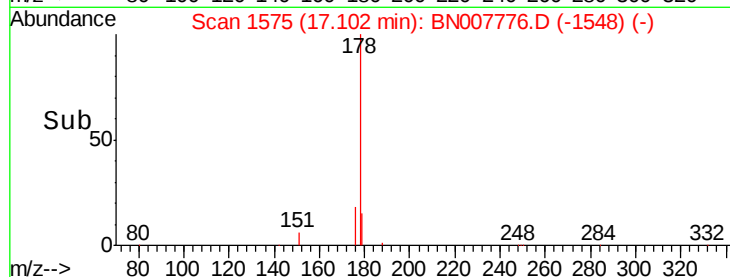
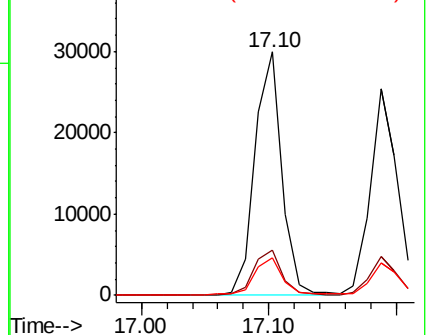
179 15.4 12.5 18.7



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

Anthracene

Concen: 0.383 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

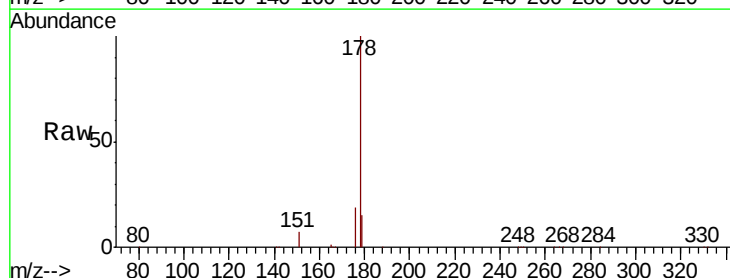
Tgt Ion:178 Resp: 37688

Ion Ratio Lower Upper

178 100

176 17.9 14.6 21.8

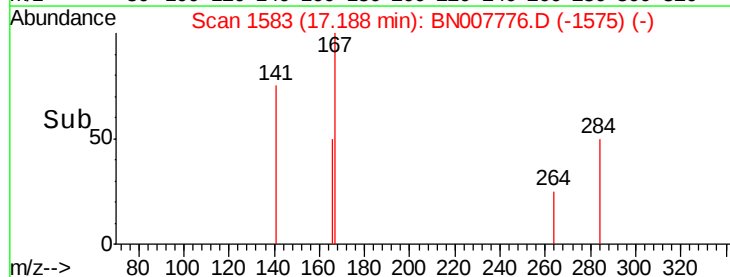
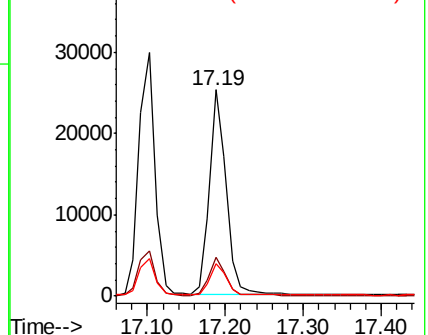
179 15.3 12.2 18.4

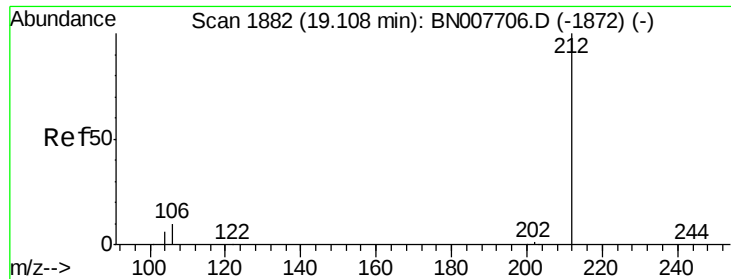


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

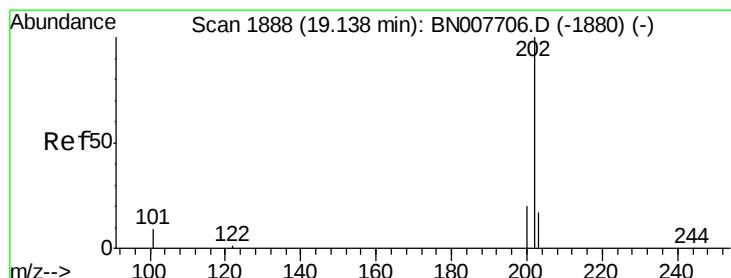
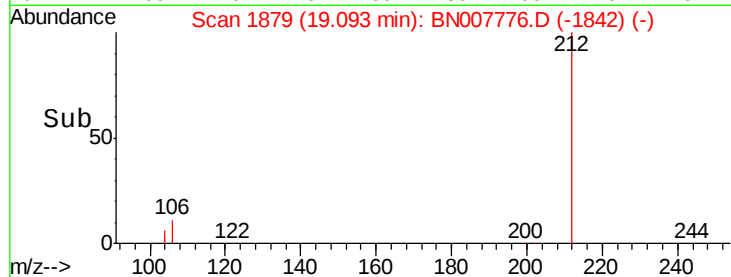
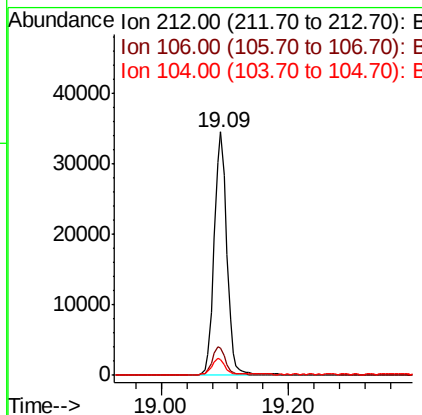
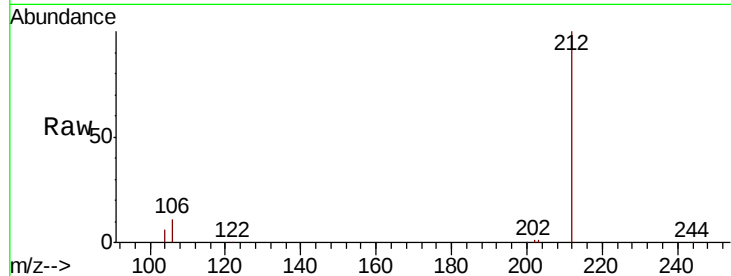




#25
 Fluoranthene-d10
 Concen: 0.400 ng
 RT: 19.09 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BN007776.D
 Acq: 20 Sep 2019 22:19

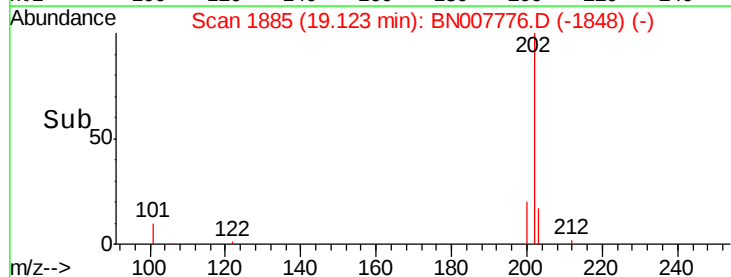
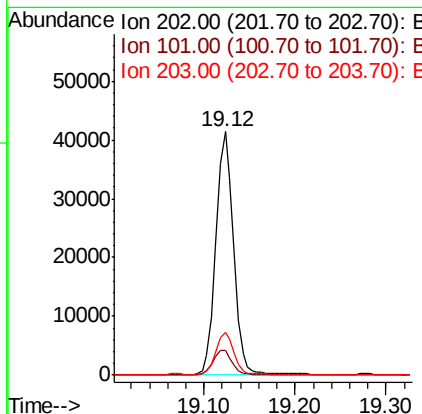
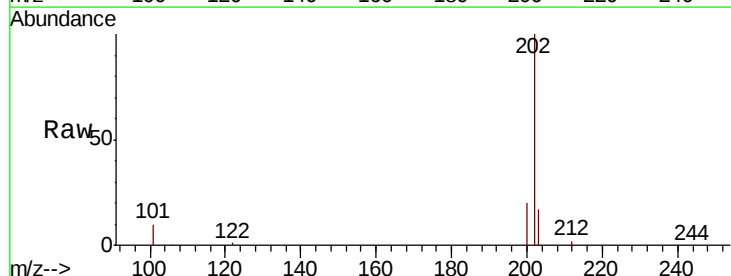
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:212 Resp: 47200
 Ion Ratio Lower Upper
 212 100
 106 11.7 9.4 14.0
 104 6.7 5.3 7.9



#26
 Fluoranthene
 Concen: 0.402 ng
 RT: 19.12 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BN007776.D
 Acq: 20 Sep 2019 22:19

Tgt Ion:202 Resp: 54414
 Ion Ratio Lower Upper
 202 100
 101 10.6 8.4 12.6
 203 17.3 13.8 20.8

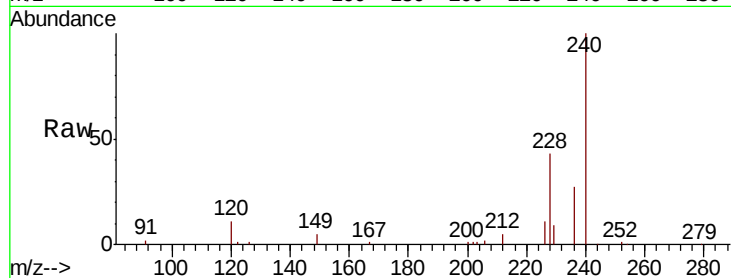




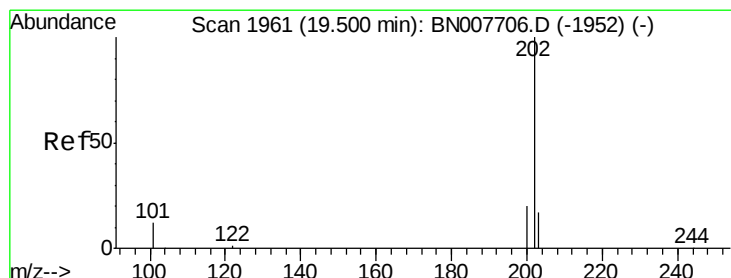
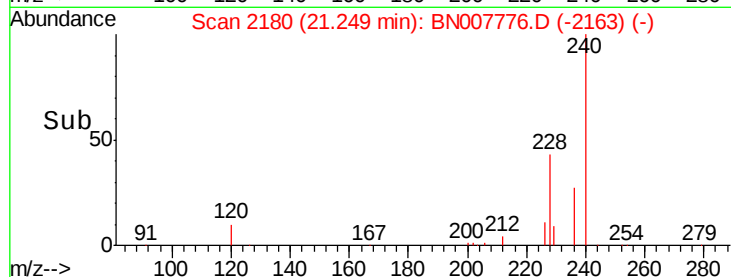
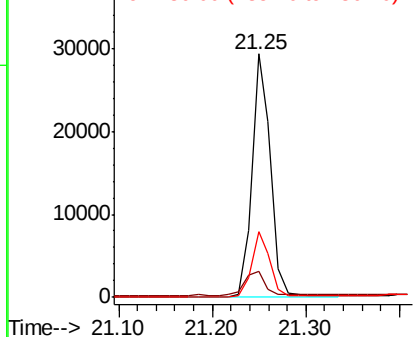
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 2180
 Delta R.T. -0.02 min
 Lab File: BN007776.D
 Acq: 20 Sep 2019 22:19

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:240 Resp: 40260
 Ion Ratio Lower Upper
 240 100
 120 10.7 5.4 8.2#
 236 26.9 21.0 31.4

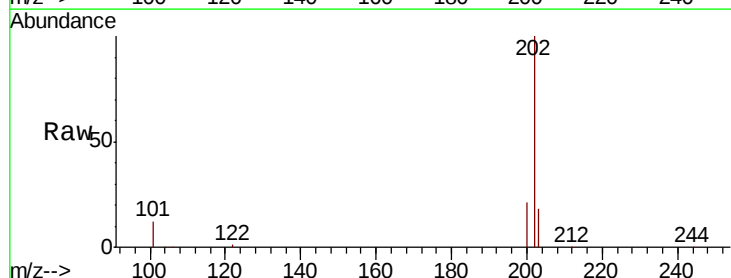


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

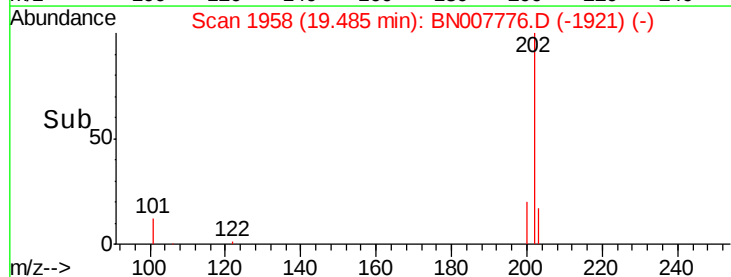
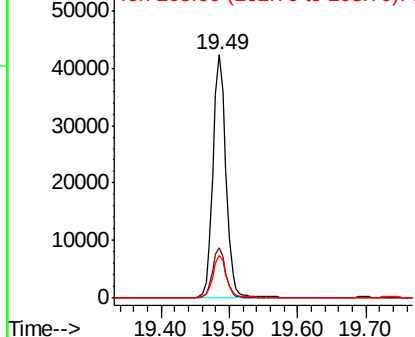


#28
 Pyrene
 Concen: 0.408 ng
 RT: 19.49 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BN007776.D
 Acq: 20 Sep 2019 22:19

Tgt Ion:202 Resp: 56039
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.4 24.6
 203 17.6 14.1 21.1



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

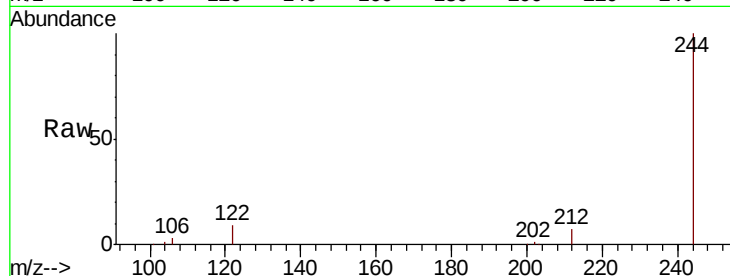




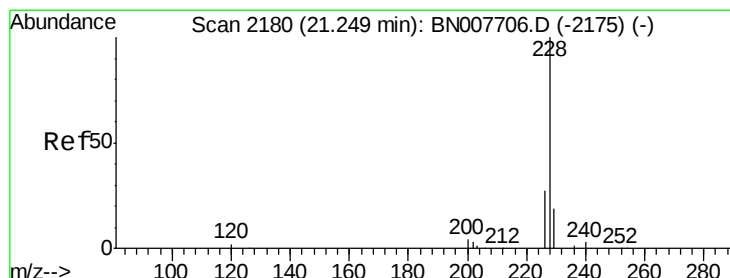
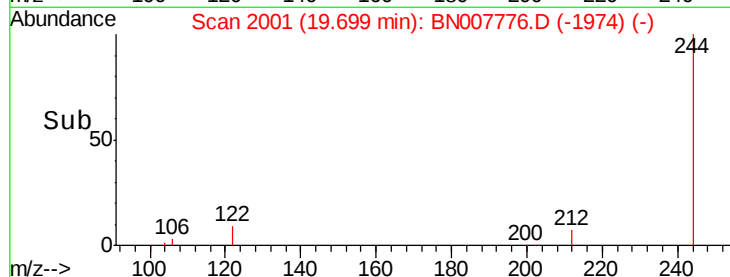
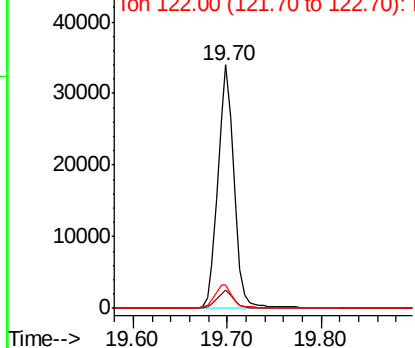
#29
 Terphenyl-d14
 Concen: 0.405 ng
 RT: 19.70 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BN007776.D
 Acq: 20 Sep 2019 22:19

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:244 Resp: 40069
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 9.4 7.4 11.2

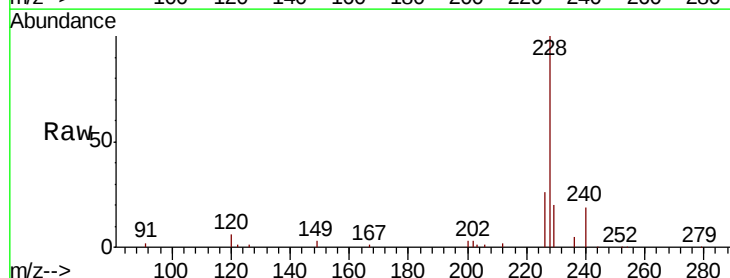


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

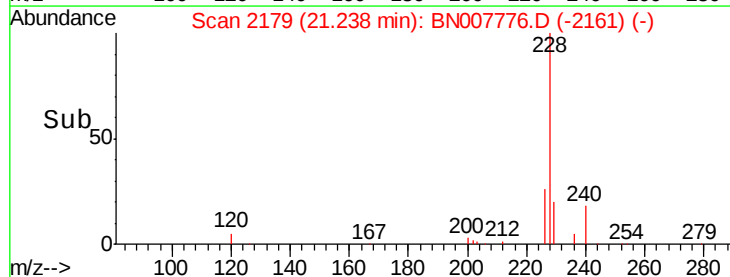
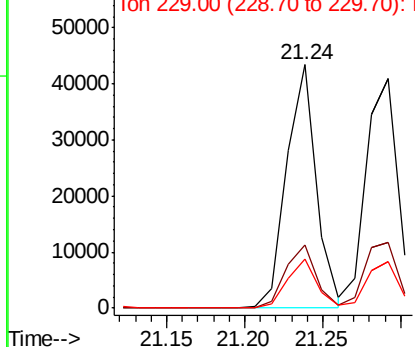


#30
 Benzo(a)anthracene
 Concen: 0.384 ng
 RT: 21.24 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BN007776.D
 Acq: 20 Sep 2019 22:19

Tgt Ion:228 Resp: 56946
 Ion Ratio Lower Upper
 228 100
 226 26.1 22.1 33.1
 229 20.2 15.8 23.6



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: 0.403 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

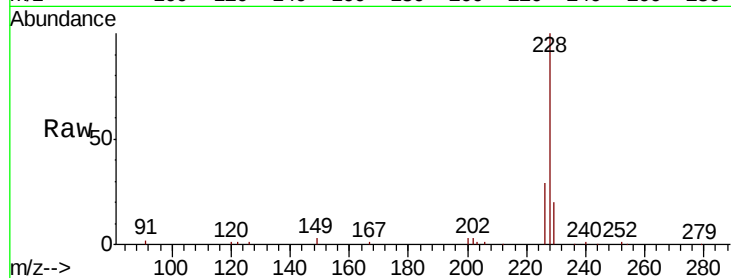
Tot Ion:228 Resp: 58241

Ion Ratio Lower Upper

228 100

226 28.6 23.9 35.9

229 20.2 15.8 23.6

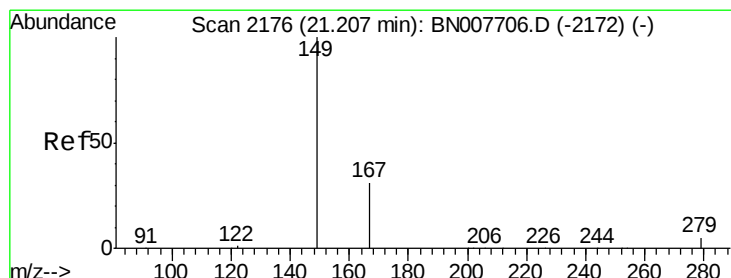
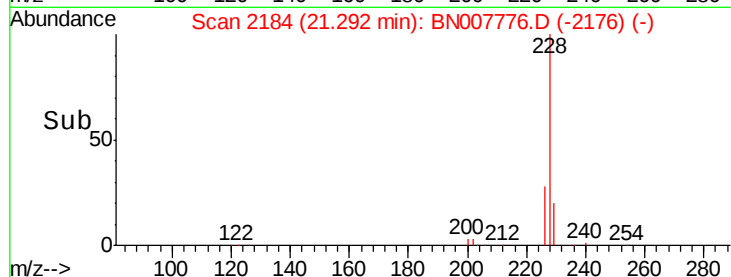
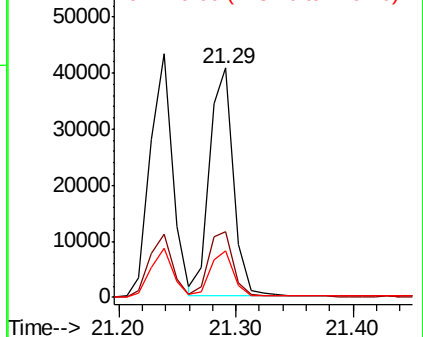


Abundance

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: 0.364 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

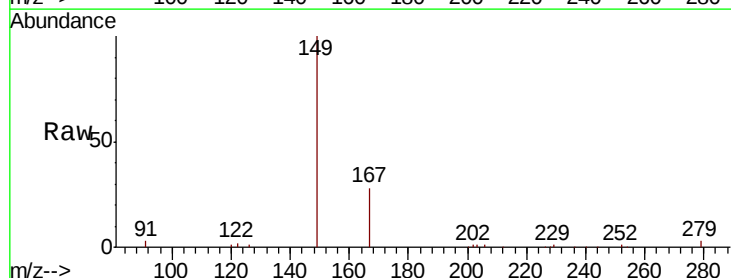
Tgt Ion:149 Resp: 27746

Ion Ratio Lower Upper

149 100

167 28.0 23.7 35.5

279 4.8 4.2 6.2

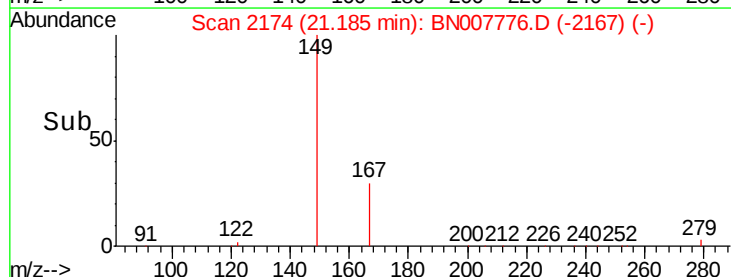
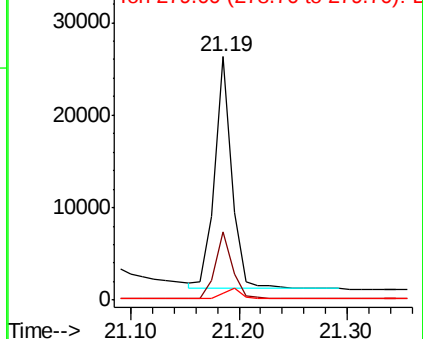


Abundance

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

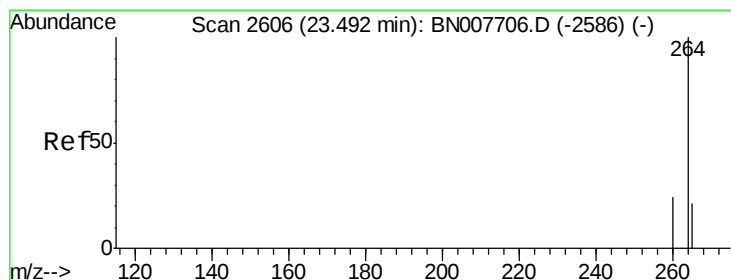
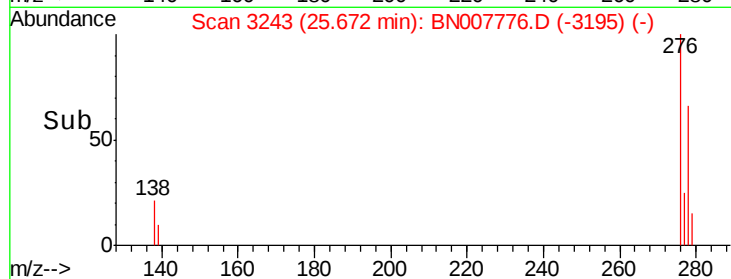
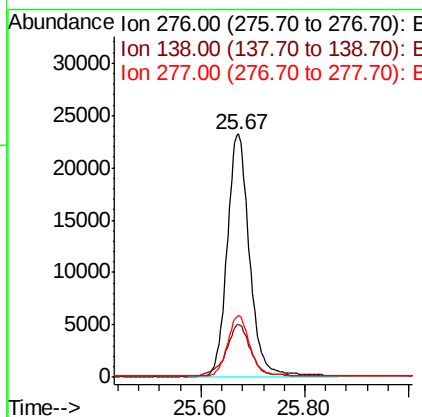
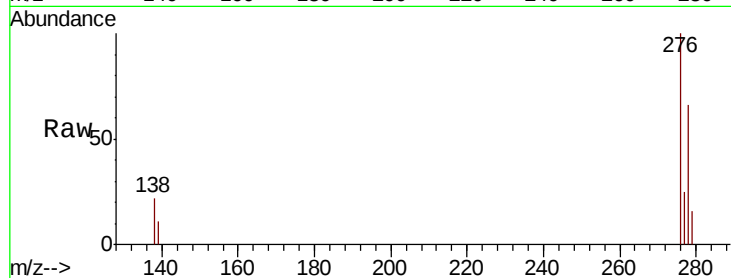




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng
RT: 25.67 min Scan# 3243
Delta R.T. -0.03 min
Lab File: BN007776.D
Acq: 20 Sep 2019 22:19

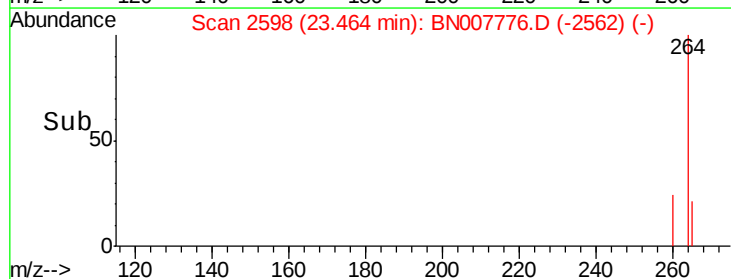
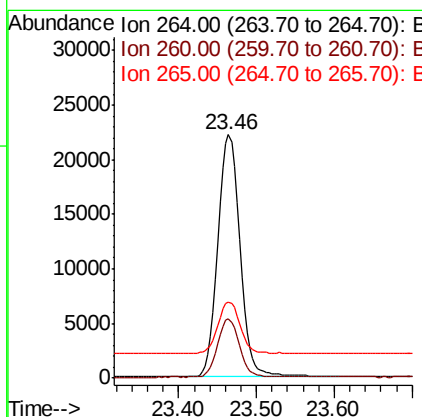
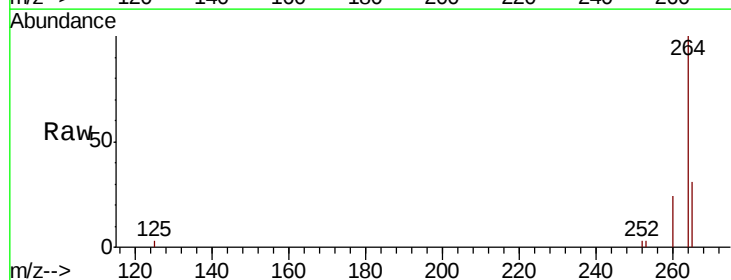
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

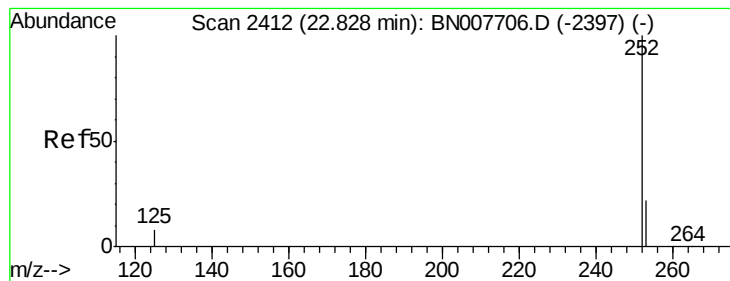
Tot Ion:276 Resp: 68876
Ion Ratio Lower Upper
276 100
138 23.2 17.1 25.7
277 24.9 20.0 30.0



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2598
Delta R.T. -0.03 min
Lab File: BN007776.D
Acq: 20 Sep 2019 22:19

Tgt Ion:264 Resp: 43624
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 31.1 26.9 40.3





#35

Benzo(b)fluoranthene

Concen: 0.379 ng

RT: 22.80 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

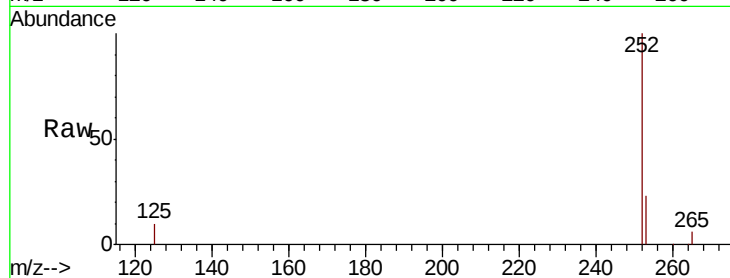
Tot Ion:252 Resp: 57377

Ion Ratio Lower Upper

252 100

253 22.8 18.3 27.5

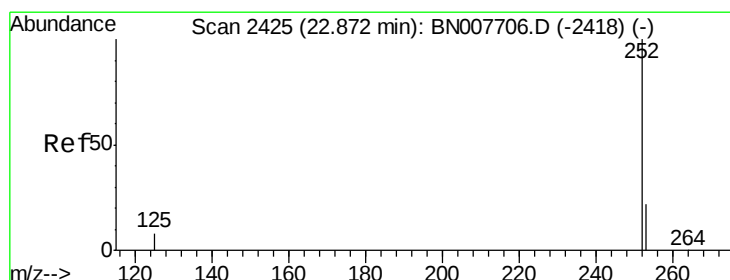
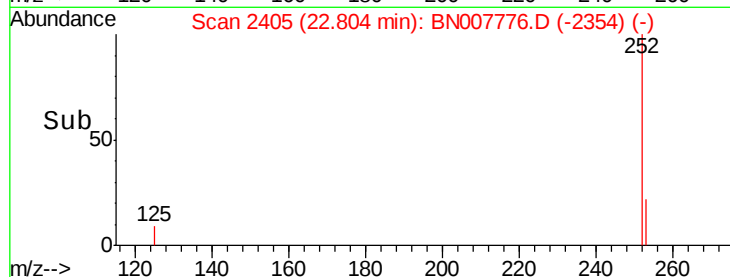
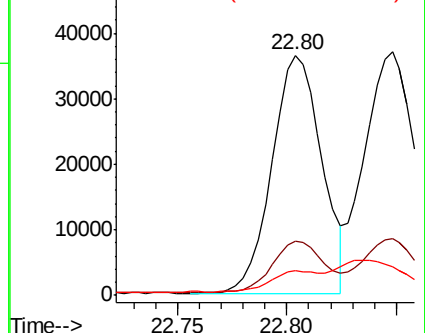
125 10.2 8.2 12.4



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

Benzo(k)fluoranthene

Concen: 0.418 ng

RT: 22.85 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

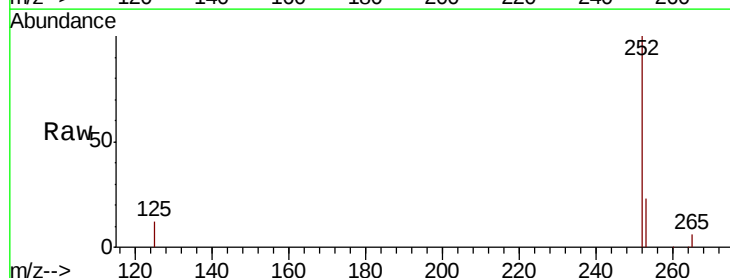
Tgt Ion:252 Resp: 62594

Ion Ratio Lower Upper

252 100

253 23.3 18.5 27.7

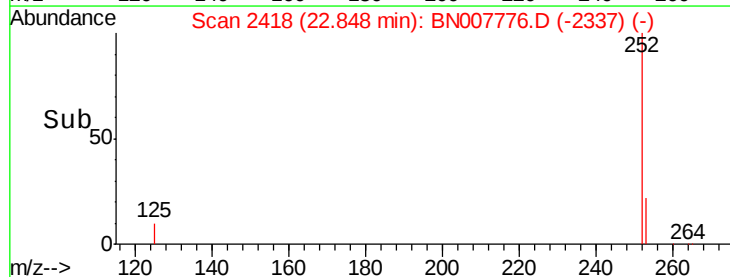
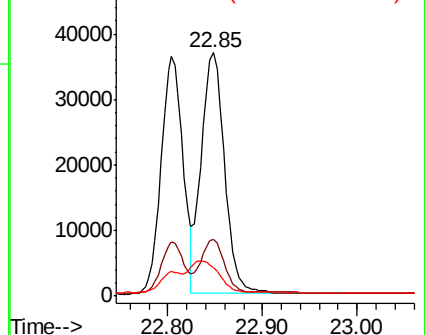
125 11.8 8.4 12.6

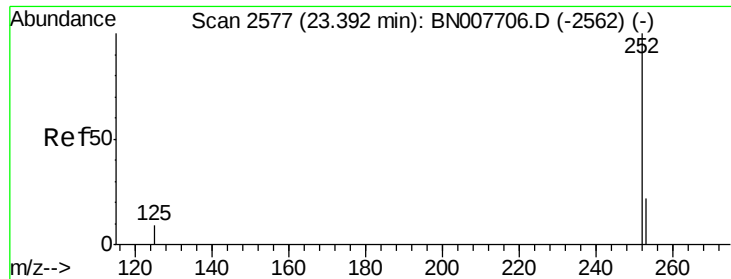


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.385 ng

RT: 23.37 min Scan# 2570

Delta R.T. -0.02 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

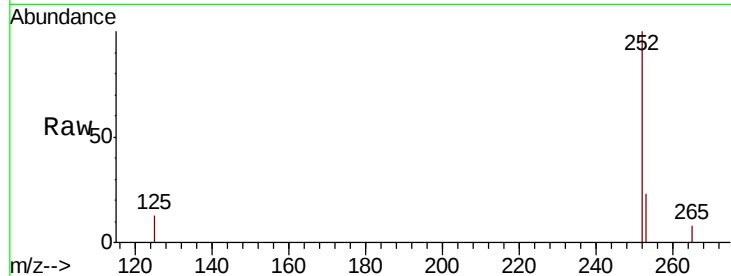
Tot Ion:252 Resp: 54809

Ion Ratio Lower Upper

252 100

253 23.3 18.6 27.8

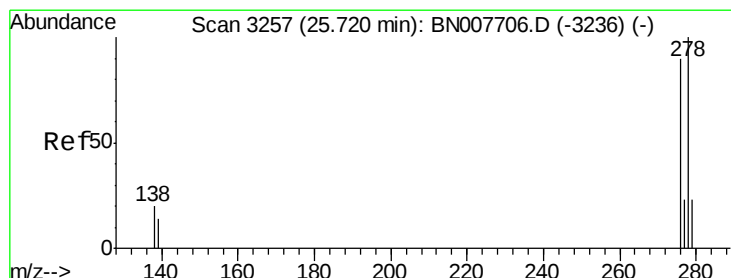
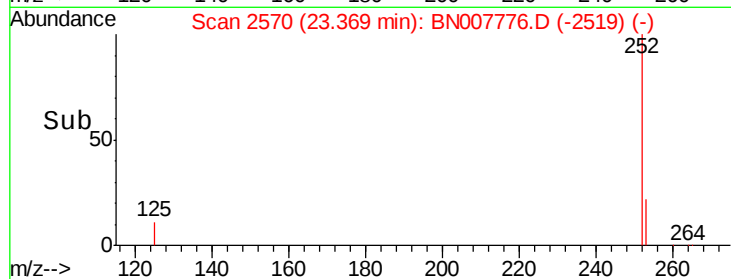
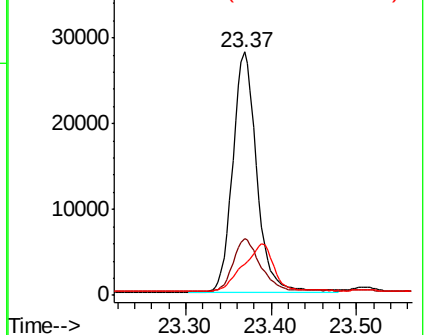
125 12.7 9.4 14.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.381 ng

RT: 25.68 min Scan# 3246

Delta R.T. -0.04 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

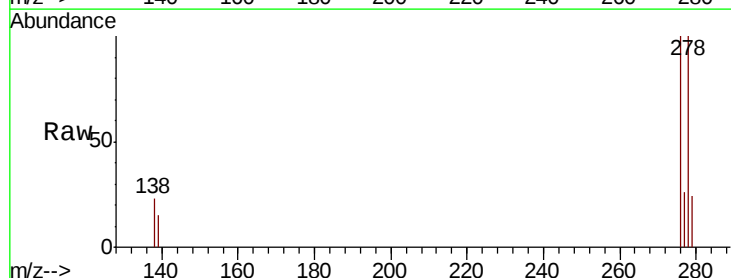
Tgt Ion:278 Resp: 55441

Ion Ratio Lower Upper

278 100

139 15.0 11.8 17.6

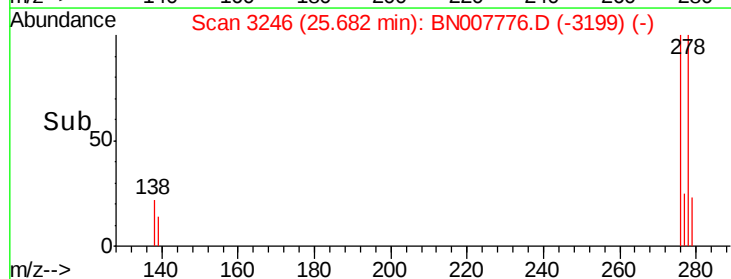
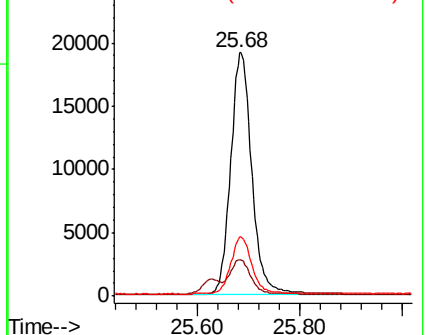
279 24.2 19.4 29.2

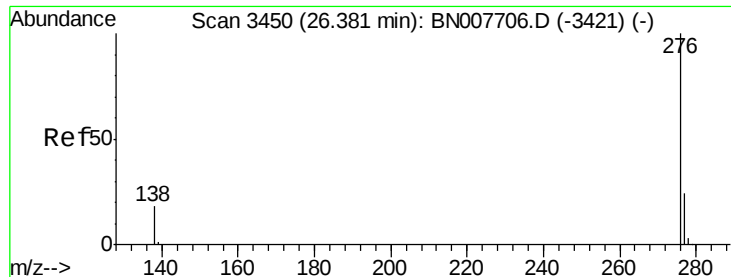


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.370 ng

RT: 26.34 min Scan# 3438

Delta R.T. -0.04 min

Lab File: BN007776.D

Acq: 20 Sep 2019 22:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

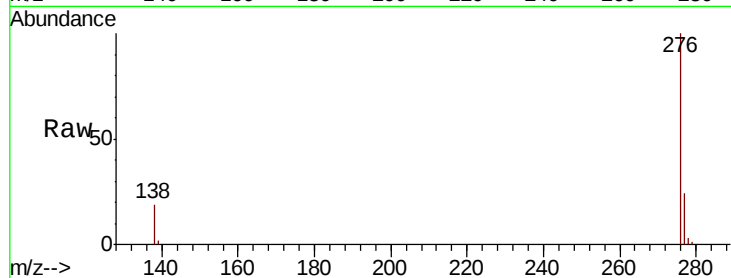
Tot Ion: 276 Resp: 53372

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.8

138 19.2 15.1 22.7



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

