

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
 Data File : BN007705.D
 Acq On : 18 Sep 2019 14:49
 Operator : HP/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Quant Time: Sep 18 16:47:23 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 16:39:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	6723	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	27046	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	15646	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	38858	0.40	ng	0.00
27) Chrysene-d12	21.27	240	44821	0.40	ng	0.00
34) Perylene-d12	23.49	264	51091	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	5727	0.28	ng	0.00
5) Phenol-d6	6.87	99	9371	0.30	ng	0.00
8) Nitrobenzene-d5	8.83	82	4515	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	8443	0.18	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1943	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	12814	0.20	ng	0.00
25) Fluoranthene-d10	19.10	212	25171	0.20	ng	0.00
29) Terphenyl-d14	19.71	244	21517	0.18	ng	0.00

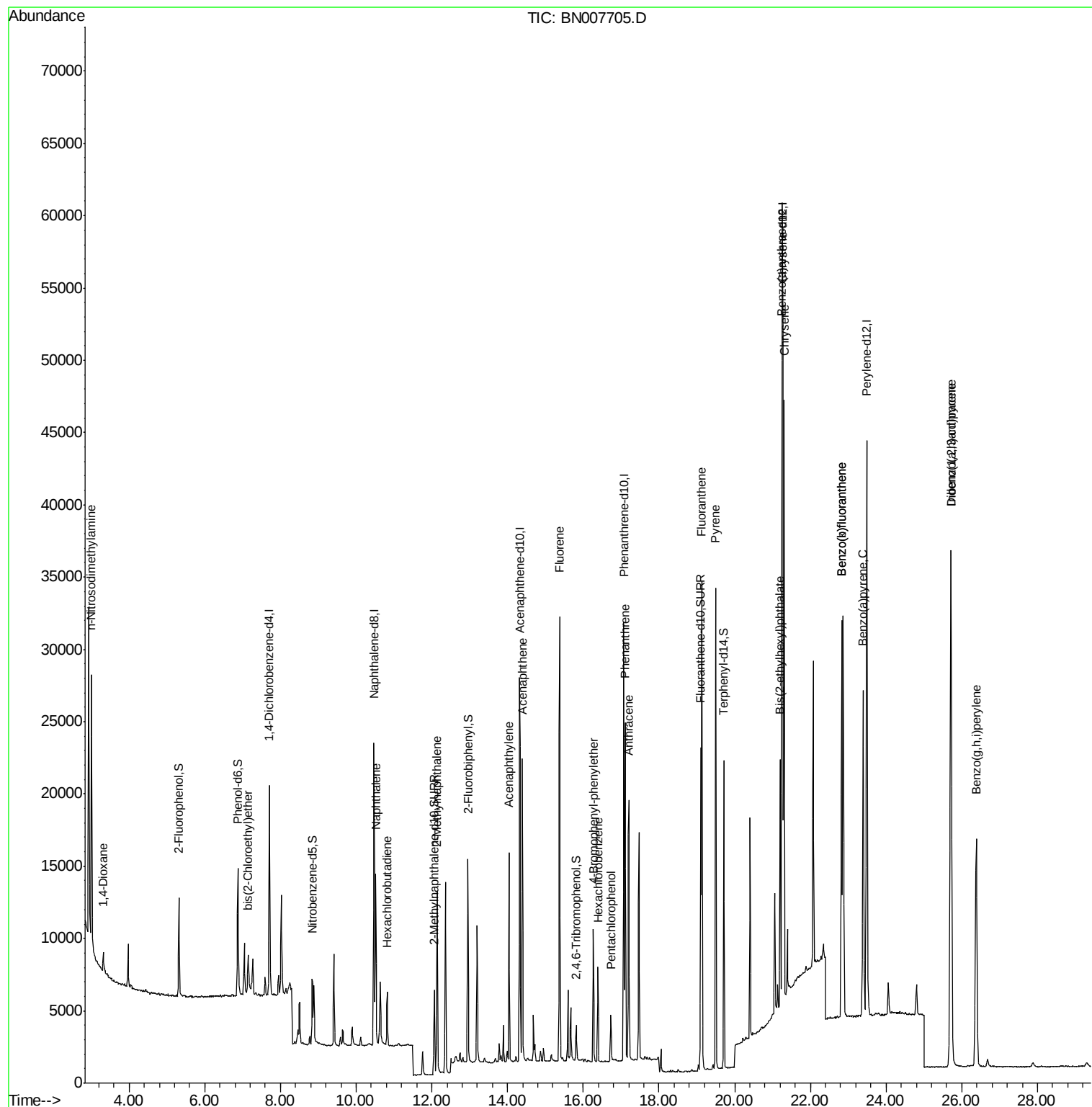
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.31	88	1146	0.162	ng	# 73
3) n-Nitrosodimethylamine	3.01	42	2052	0.511	ng	96
6) bis(2-Chloroethyl)ether	7.15	93	3311	0.250	ng	97
9) Naphthalene	10.52	128	14611	0.192	ng	99
10) Hexachlorobutadiene	10.82	225	3155	0.207	ng	# 99
12) 2-Methylnaphthalene	12.13	142	9650	0.181	ng	99
16) Acenaphthylene	14.04	152	15798	0.188	ng	99
17) Acenaphthene	14.39	154	10369	0.195	ng	100
18) Fluorene	15.38	166	13262	0.190	ng	100
20) 4-Bromophenyl-phenylether	16.27	248	4484	0.195	ng	# 90
21) Hexachlorobenzene	16.39	284	5015	0.208	ng	98
22) Pentachlorophenol	16.73	266	1786	0.266	ng	99
23) Phenanthrene	17.11	178	23210	0.194	ng	100
24) Anthracene	17.20	178	20439	0.185	ng	100
26) Fluoranthene	19.13	202	28923	0.199	ng	100
28) Pyrene	19.50	202	29565	0.184	ng	100
30) Benzo(a)anthracene	21.25	228	32228	0.201	ng	99
31) Chrysene	21.30	228	30873	0.189	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	16060	0.293	ng	100
33) Indeno(1,2,3-cd)pyrene	25.71	276	41168	0.239	ng	99
35) Benzo(b)fluoranthene	22.83	252	34609	0.191	ng	98
36) Benzo(k)fluoranthene	22.83	252	34609	0.193	ng	98
37) Benzo(a)pyrene	23.39	252	32410	0.201	ng	96
38) Dibenzo(a,h)anthracene	25.72	278	33683	0.208	ng	98
39) Benzo(g,h,i)perylene	26.38	276	33108	0.202	ng	98

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

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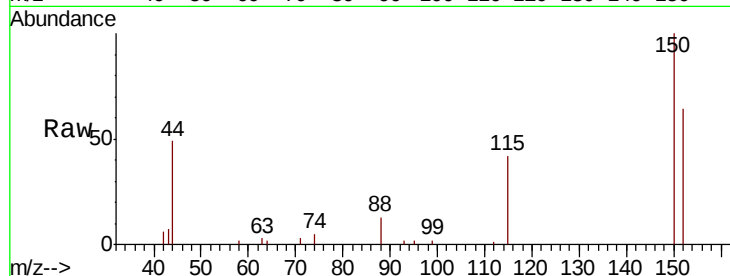


#1

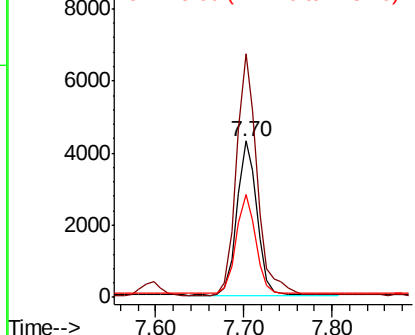
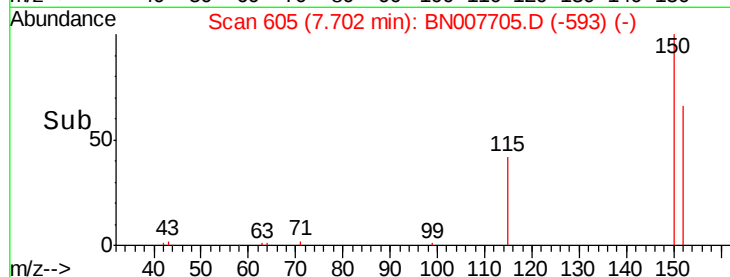
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. 0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

Tot Ion:152 Resp: 6723
Ion Ratio Lower Upper
152 100
150 156.1 125.6 188.4
115 65.6 53.3 79.9



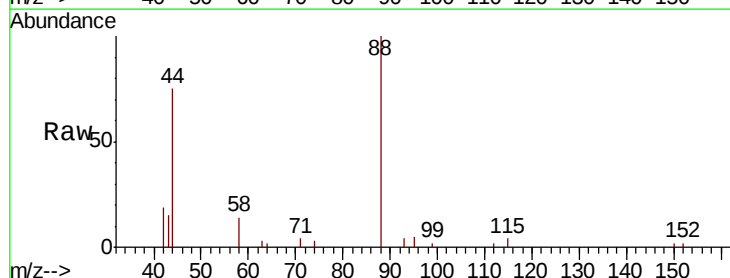
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



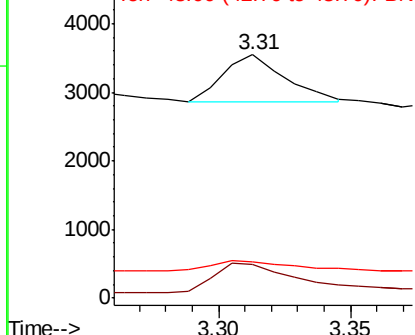
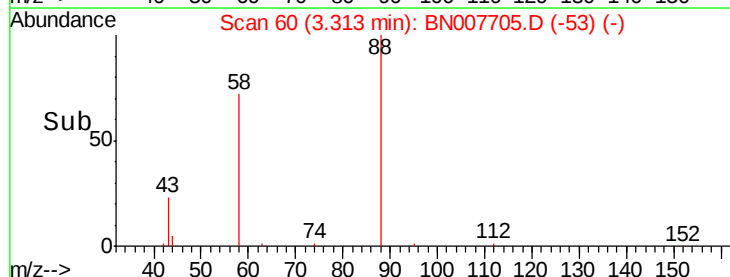
#2

1,4-Dioxane
Concen: 0.162 ng
RT: 3.31 min Scan# 60
Delta R.T. 0.01 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion: 88 Resp: 1146
Ion Ratio Lower Upper
88 100
58 77.9 44.6 66.8#
43 25.8 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



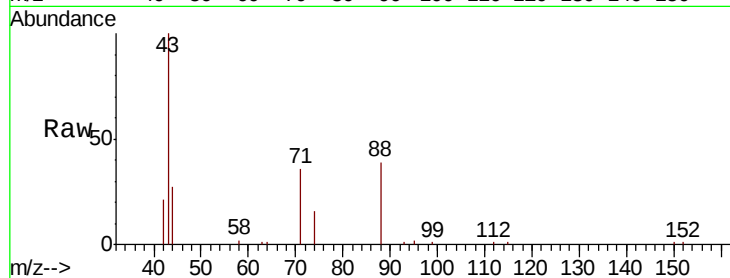


#3

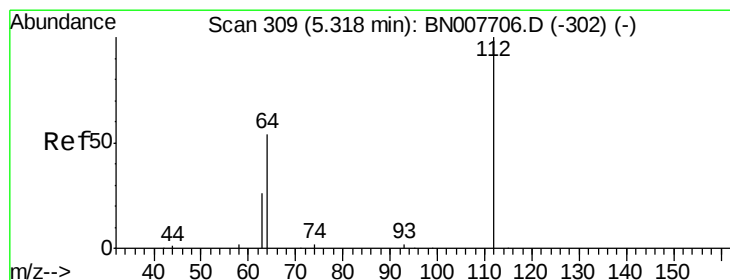
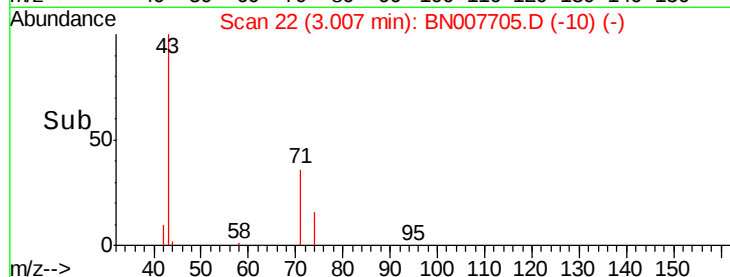
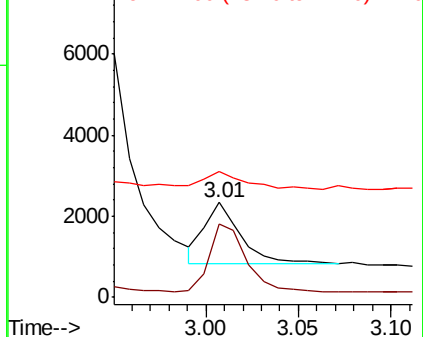
n-Nitrosodimethylamine
 Concen: 0.511 ng
 RT: 3.01 min Scan# 22
 Delta R.T. 0.00 min
 Lab File: BN007705.D
 Acq: 18 Sep 2019 14:49

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Tot Ion: 42 Resp: 2052
 Ion Ratio Lower Upper
 42 100
 74 112.8 87.9 131.9
 44 32.4 29.4 44.0



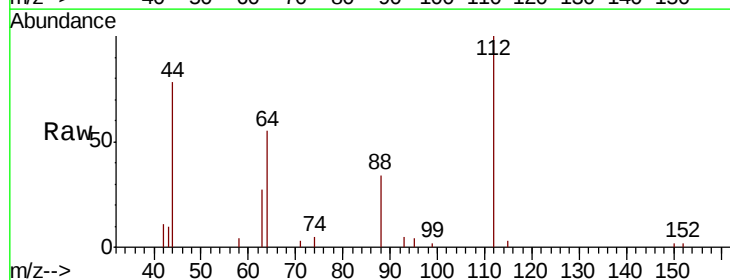
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



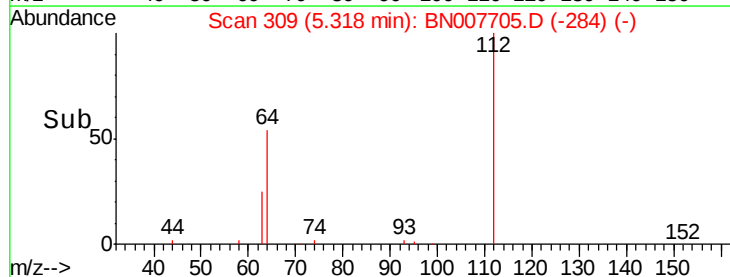
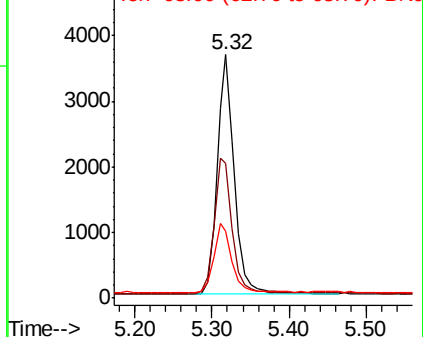
#4

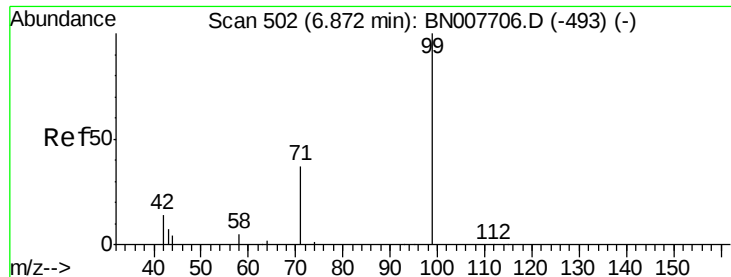
2-Fluorophenol
 Concen: 0.280 ng
 RT: 5.32 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: BN007705.D
 Acq: 18 Sep 2019 14:49

Tgt Ion: 112 Resp: 5727
 Ion Ratio Lower Upper
 112 100
 64 59.6 46.6 70.0
 63 29.2 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.298 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

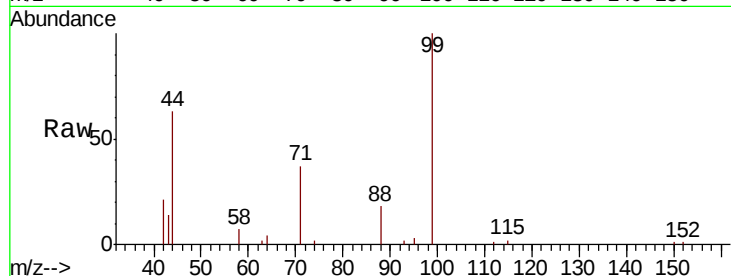
Tot Ion: 99 Resp: 9371

Ion Ratio Lower Upper

99 100

42 14.4 12.8 19.2

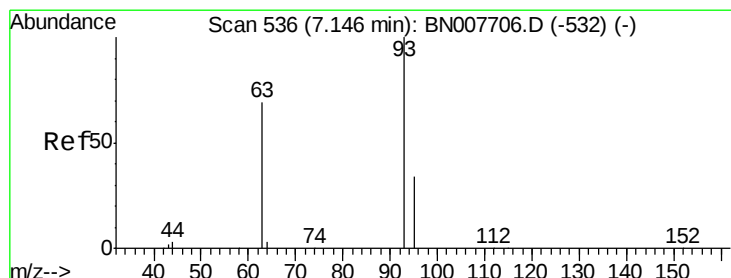
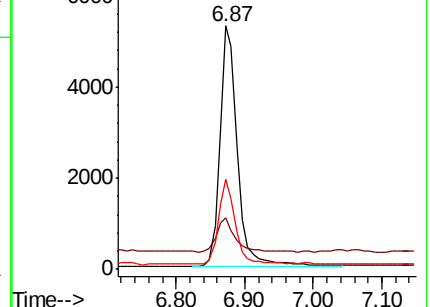
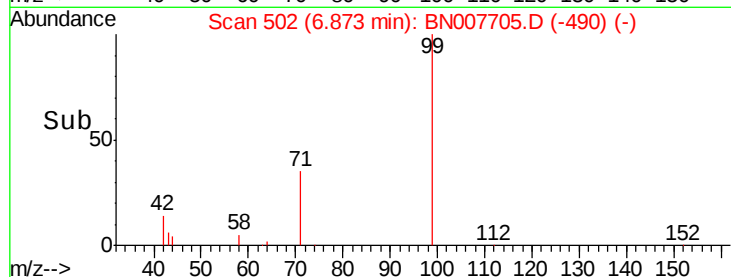
71 34.2 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007705.D (-511) (-)

Ion 42.00 (41.70 to 42.70): BN007705.D (-511) (-)

Ion 71.00 (70.70 to 71.70): BN007705.D (-511) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.250 ng

RT: 7.15 min Scan# 536

Delta R.T. 0.00 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

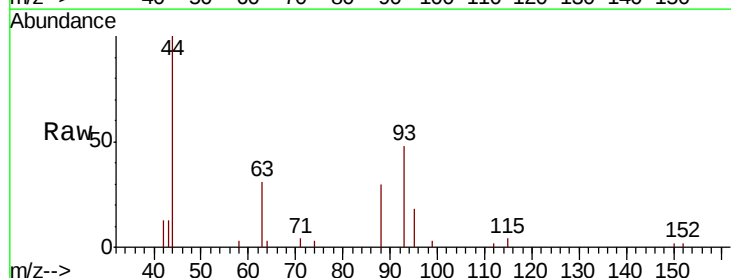
Tgt Ion: 93 Resp: 3311

Ion Ratio Lower Upper

93 100

63 76.1 59.3 88.9

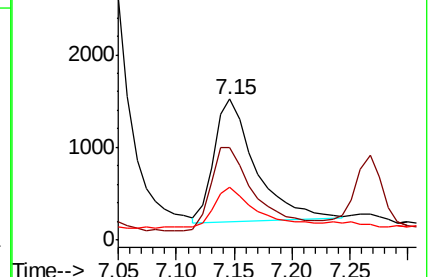
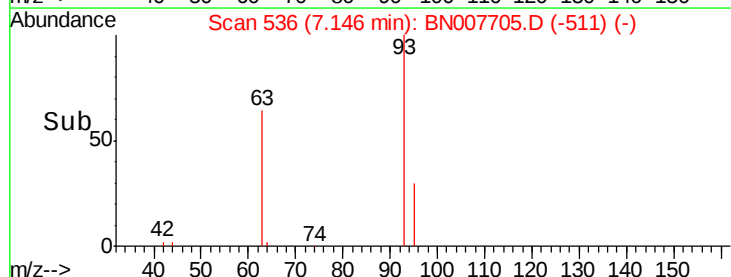
95 35.9 31.4 47.0



Abundance Ion 93.00 (92.70 to 93.70): BN007705.D (-511) (-)

Ion 63.00 (62.70 to 63.70): BN007705.D (-511) (-)

Ion 95.00 (94.70 to 95.70): BN007705.D (-511) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 27046

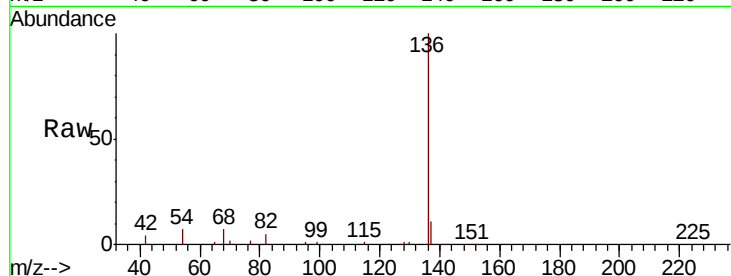
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.8 5.8 8.8

68 7.3 6.5 9.7

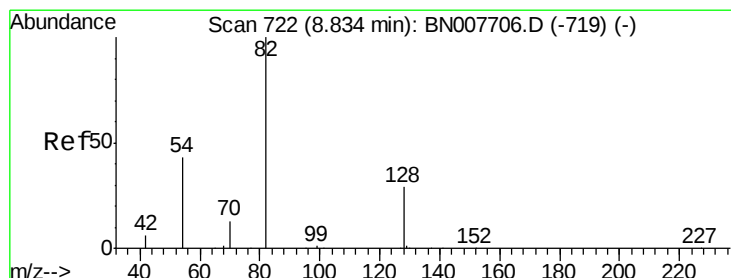
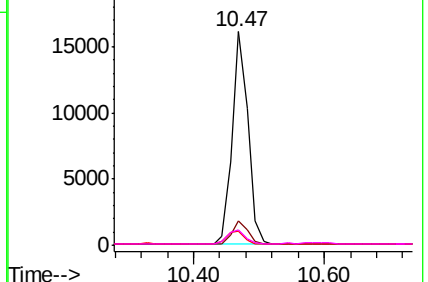
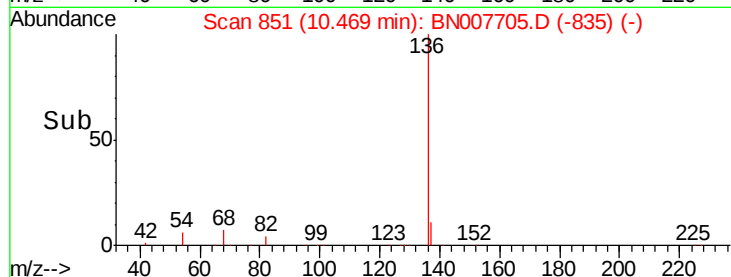


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.274 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

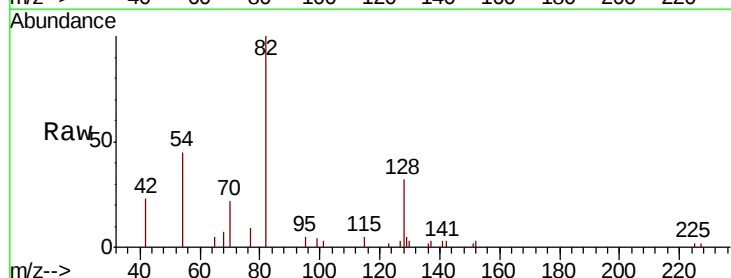
Tgt Ion: 82 Resp: 4515

Ion Ratio Lower Upper

82 100

128 32.1 24.5 36.7

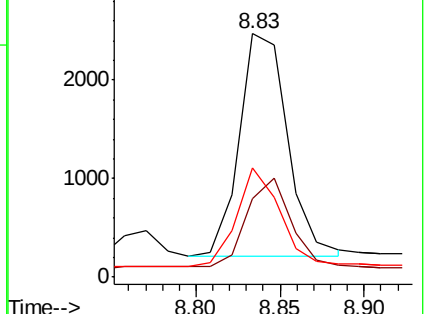
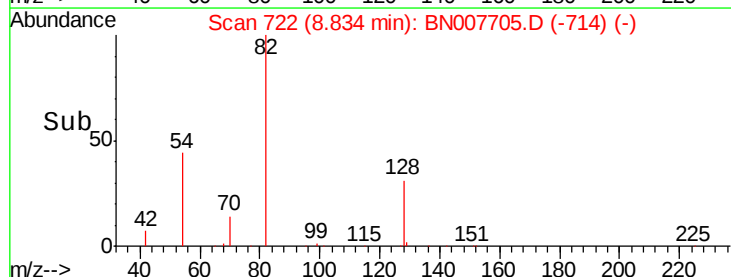
54 44.8 35.2 52.8



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: 0.192 ng

RT: 10.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

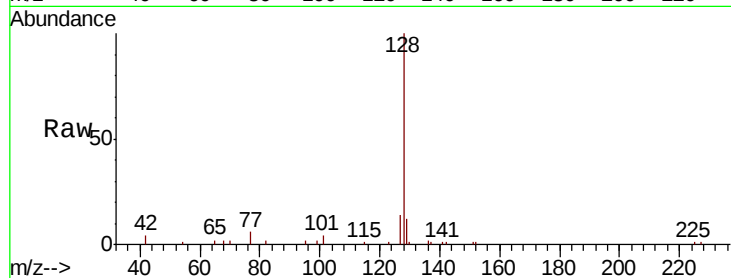
Tot Ion:128 Resp: 14611

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

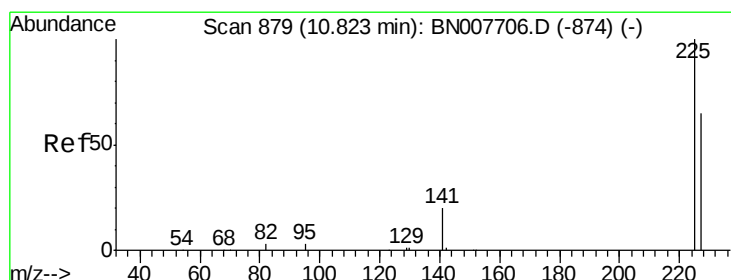
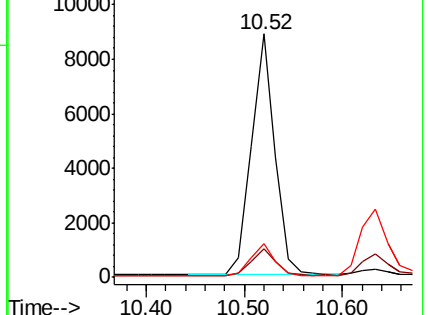
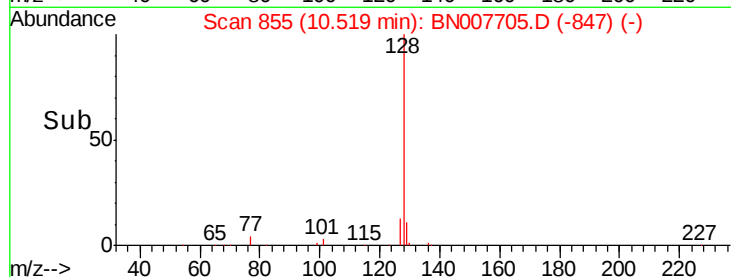
127 13.7 10.6 15.8



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: 0.207 ng

RT: 10.82 min Scan# 879

Delta R.T. 0.00 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

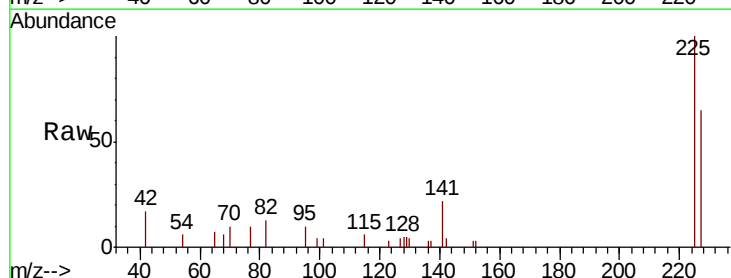
Tgt Ion:225 Resp: 3155

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

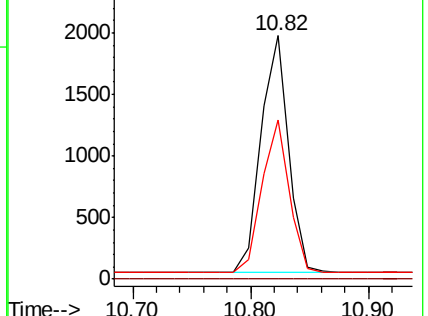
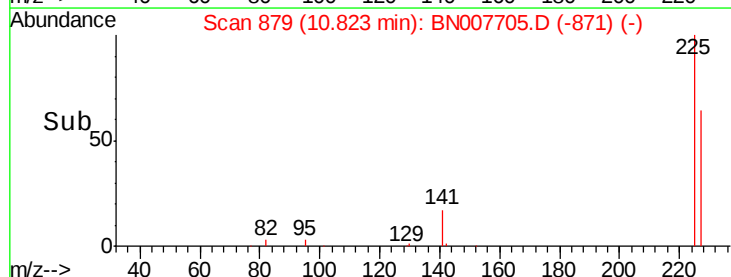
227 63.5 51.2 76.8

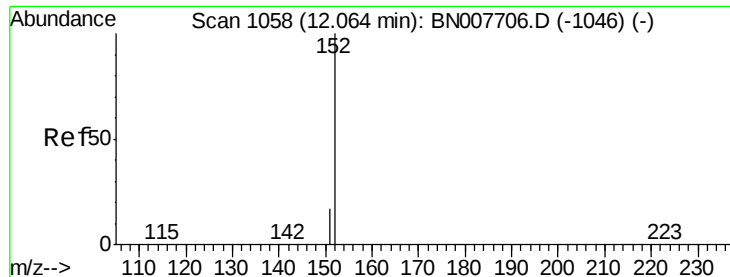


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

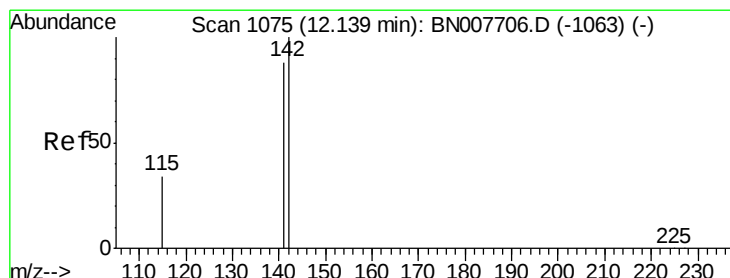
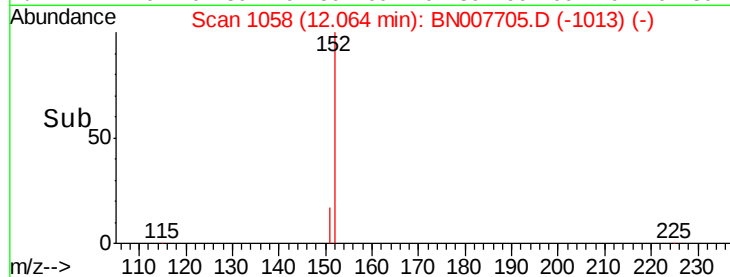
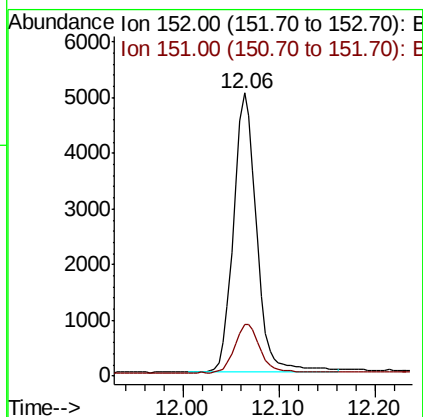
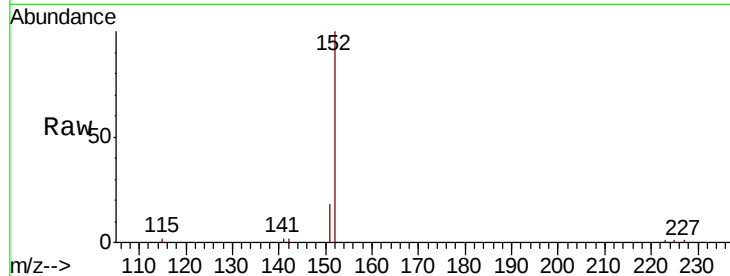




#11
 2-Methylnaphthalene-d10
 Concen: 0.181 ng
 RT: 12.06 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BN007705.D
 Acq: 18 Sep 2019 14:49

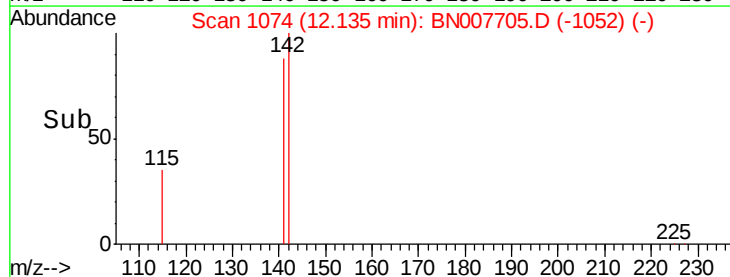
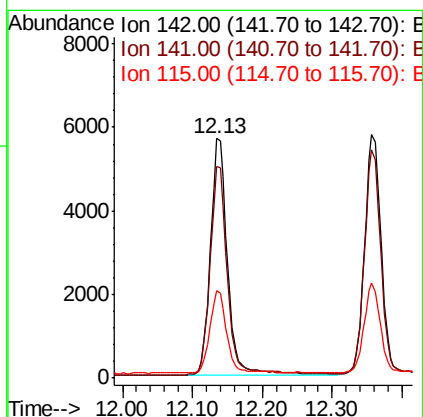
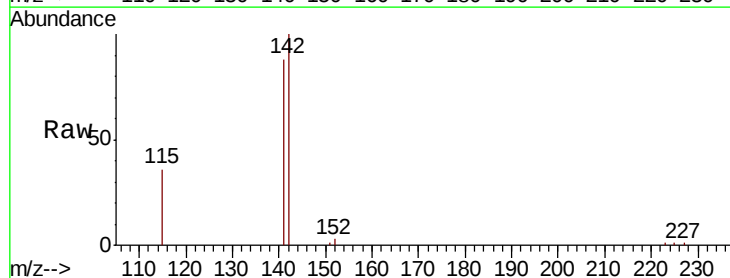
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Tot Ion:152 Resp: 8443
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.181 ng
 RT: 12.13 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: BN007705.D
 Acq: 18 Sep 2019 14:49

Tgt Ion:142 Resp: 9650
 Ion Ratio Lower Upper
 142 100
 141 88.1 70.6 106.0
 115 36.5 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

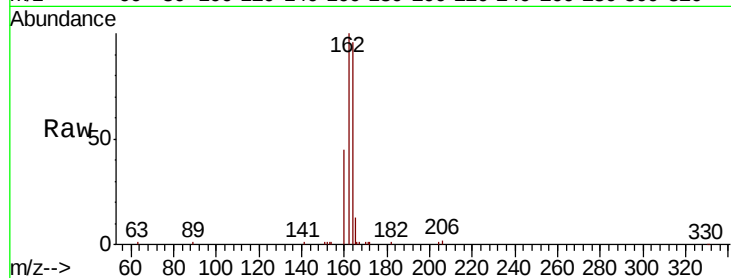
Tot Ion:164 Resp: 15646

Ion Ratio Lower Upper

164 100

162 104.5 81.7 122.5

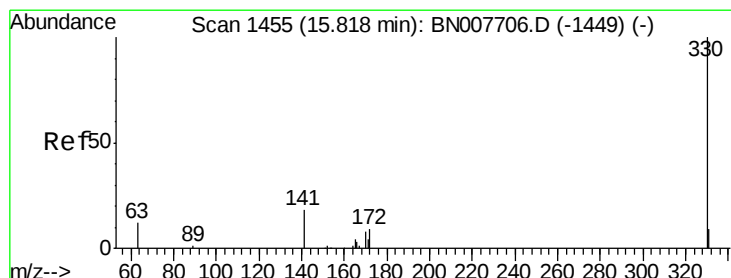
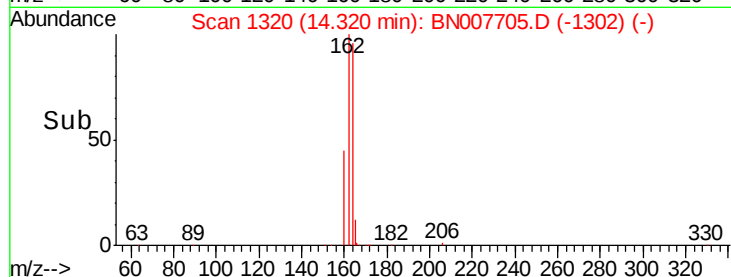
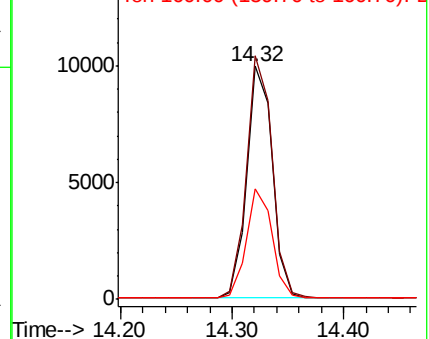
160 47.3 37.0 55.4



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: 0.327 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

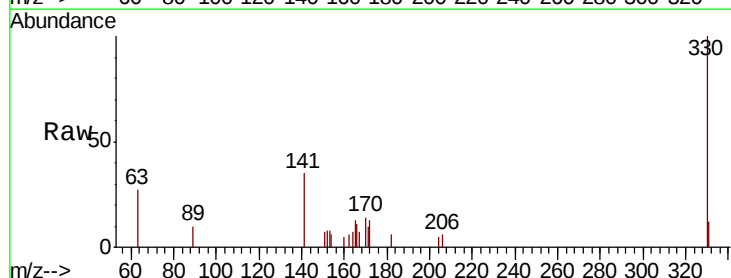
Tgt Ion:330 Resp: 1943

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

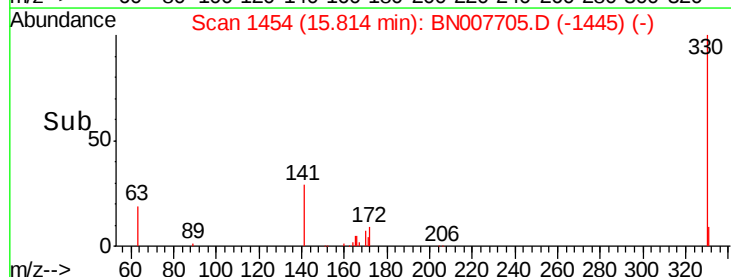
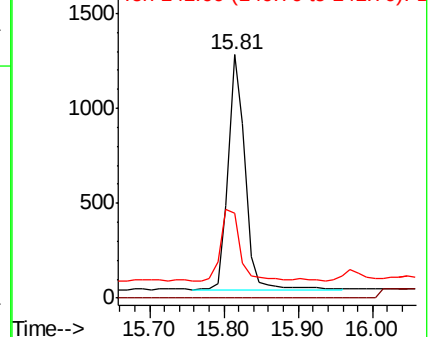
141 35.2 28.7 43.1



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

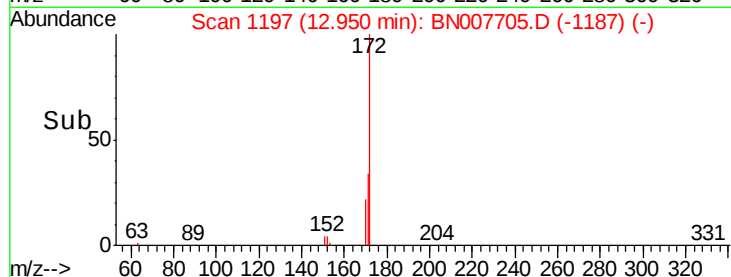
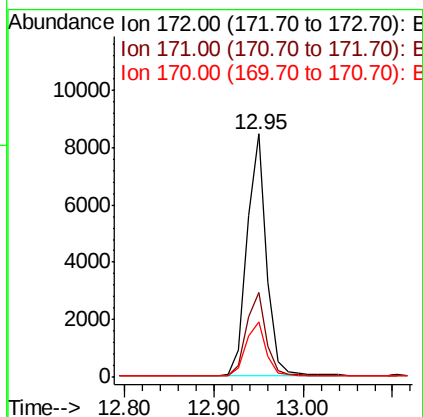
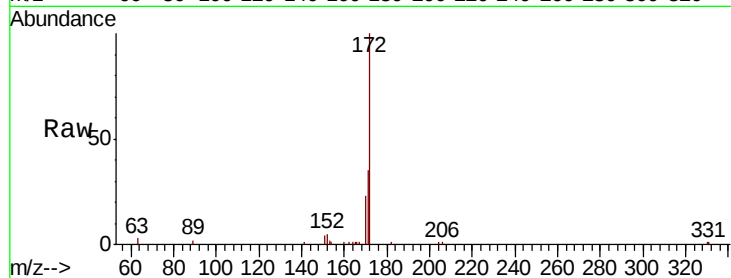




#15
2-Fluorobiphenyl
Concen: 0.198 ng
RT: 12.95 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

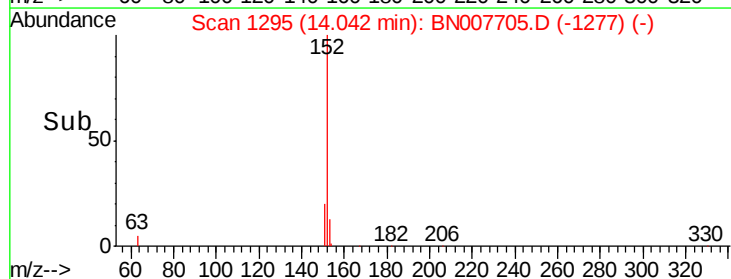
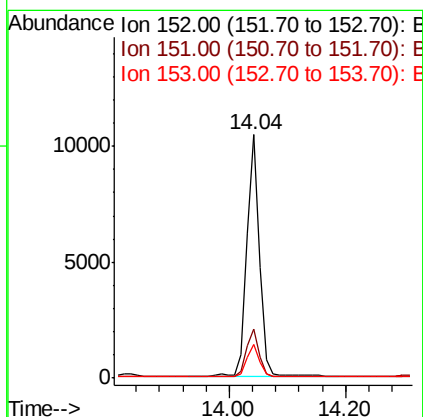
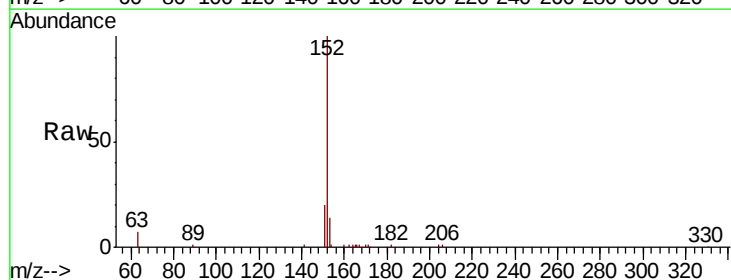
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

Tot Ion:172 Resp: 12814
Ion Ratio Lower Upper
172 100
171 34.7 28.8 43.2
170 22.7 19.5 29.3



#16
Acenaphthylene
Concen: 0.188 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion:152 Resp: 15798
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 13.4 10.4 15.6





#17

Acenaphthene

Concen: 0.195 ng

RT: 14.39 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

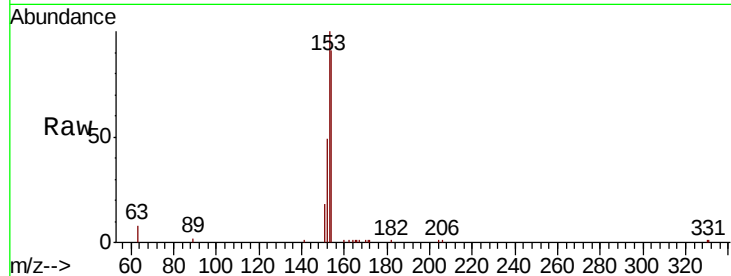
Tot Ion:154 Resp: 10369

Ion Ratio Lower Upper

154 100

153 109.2 87.0 130.4

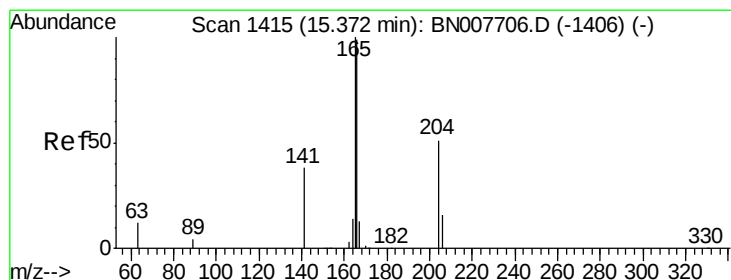
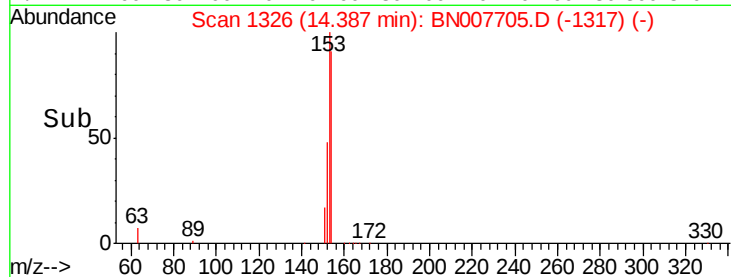
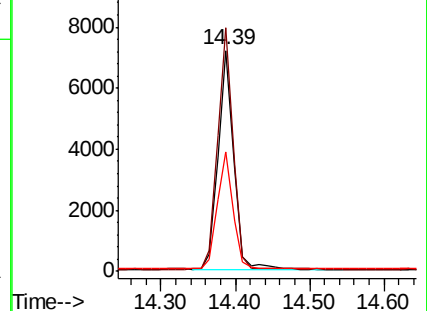
152 53.6 42.7 64.1



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: 0.190 ng

RT: 15.38 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

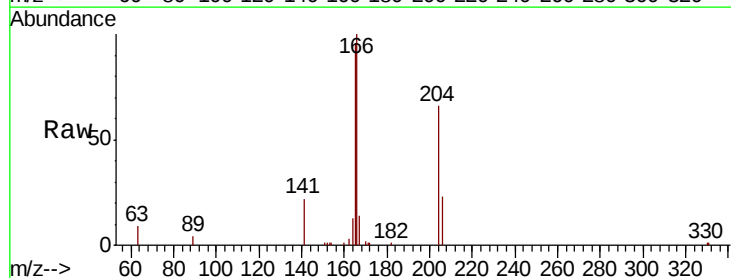
Tgt Ion:166 Resp: 13262

Ion Ratio Lower Upper

166 100

165 97.4 78.0 117.0

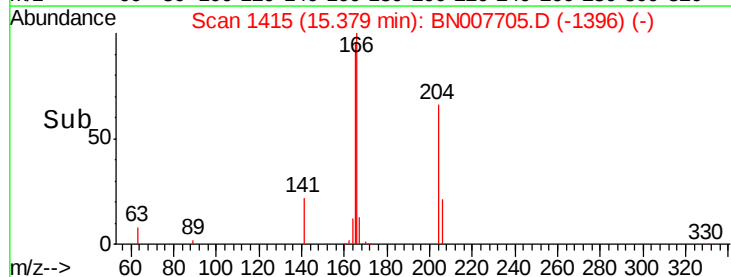
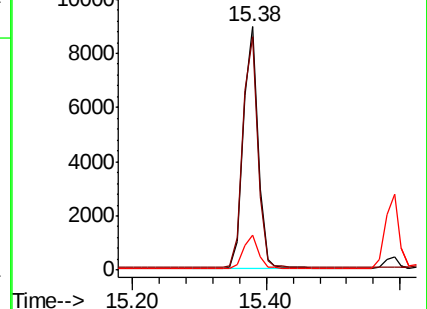
167 13.5 10.9 16.3



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: 17.07 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

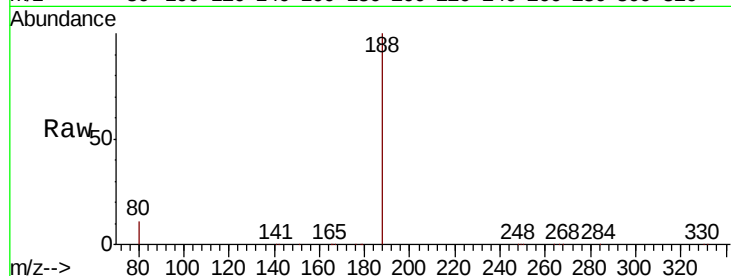
Tot Ion:188 Resp: 38858

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

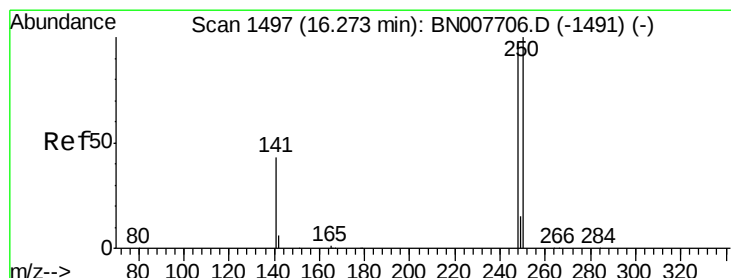
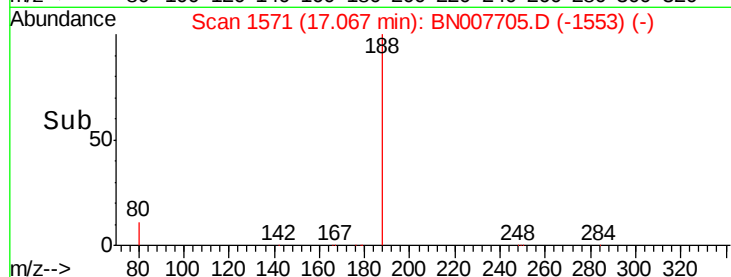
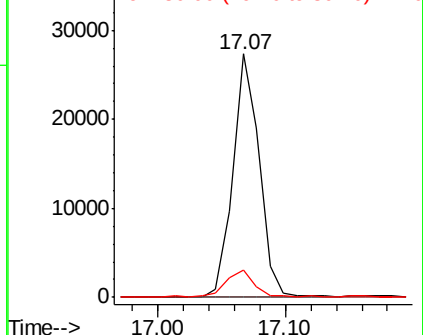
80 11.2 7.4 11.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.195 ng

RT: 16.27 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

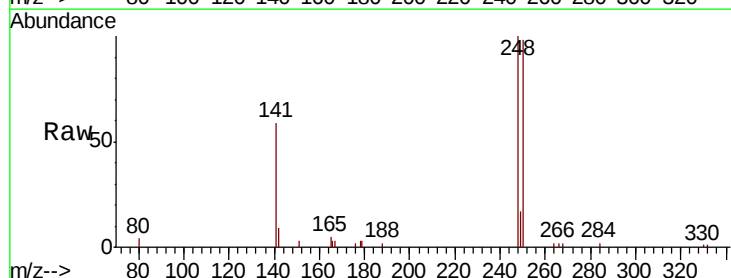
Tgt Ion:248 Resp: 4484

Ion Ratio Lower Upper

248 100

250 98.1 82.2 123.4

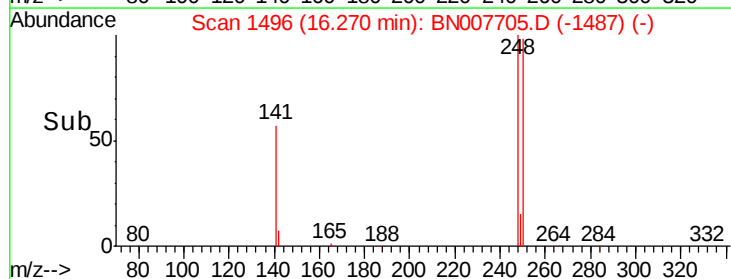
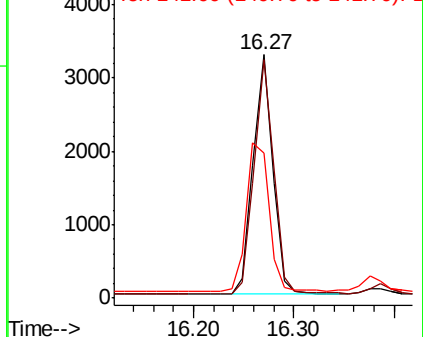
141 59.4 36.3 54.5#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.208 ng

RT: 16.39 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

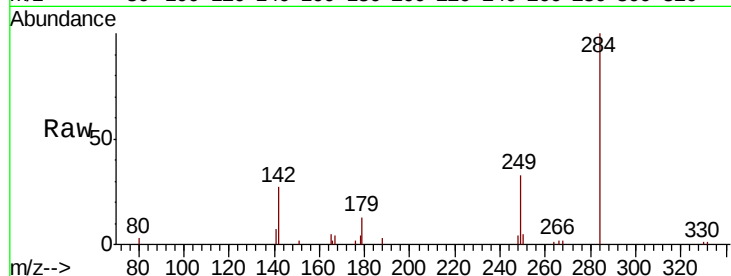
Tot Ion:284 Resp: 5015

Ion Ratio Lower Upper

284 100

142 32.6 25.8 38.6

249 30.7 25.9 38.9

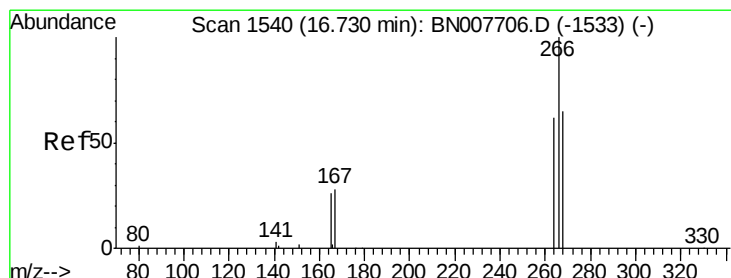
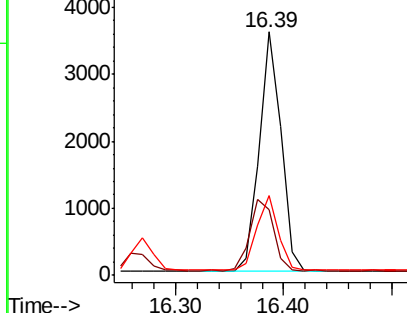
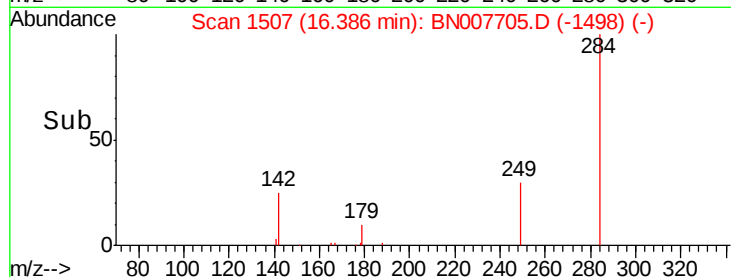


Abundance

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: 0.266 ng

RT: 16.73 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

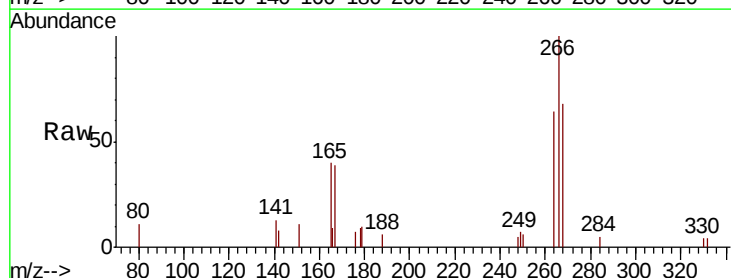
Tgt Ion:266 Resp: 1786

Ion Ratio Lower Upper

266 100

264 64.2 50.0 75.0

268 68.1 54.2 81.4

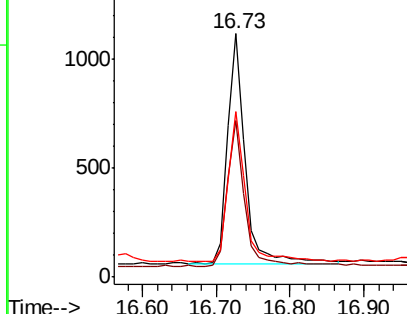
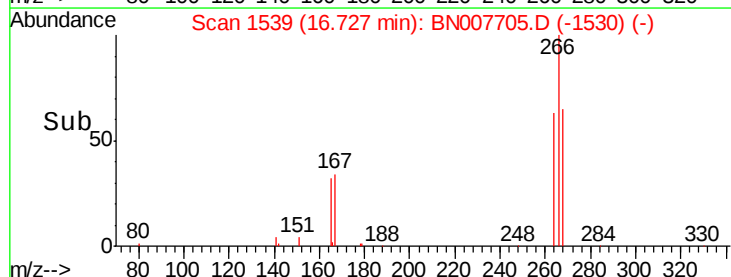


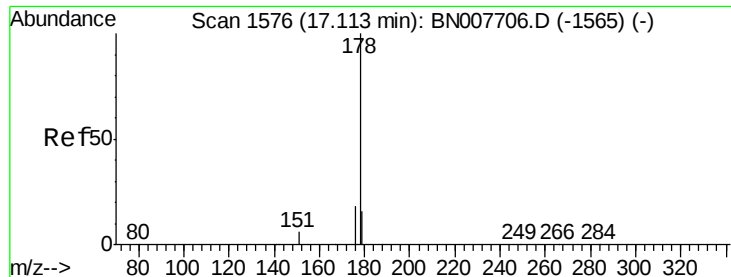
Abundance

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: 0.194 ng

RT: 17.11 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

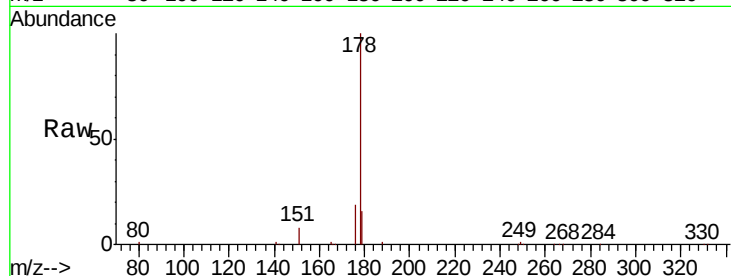
Tot Ion:178 Resp: 23210

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

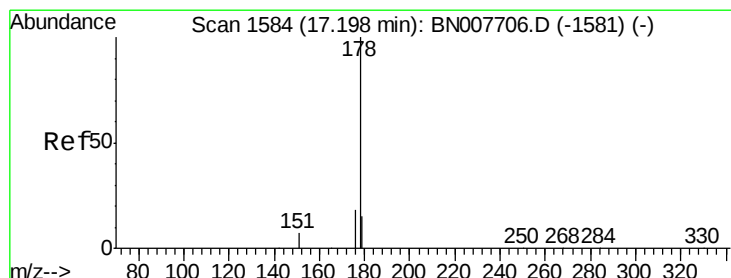
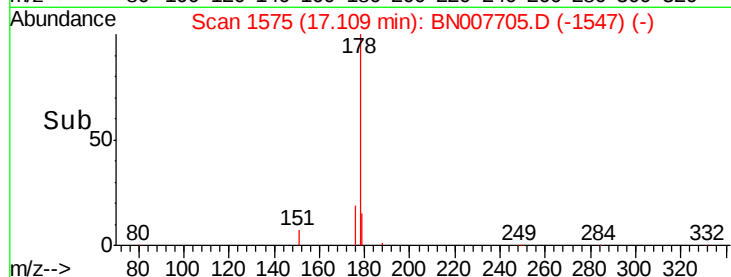
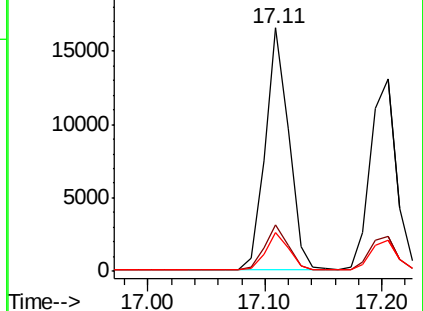
179 15.5 12.5 18.7



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

Anthracene

Concen: 0.185 ng

RT: 17.20 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

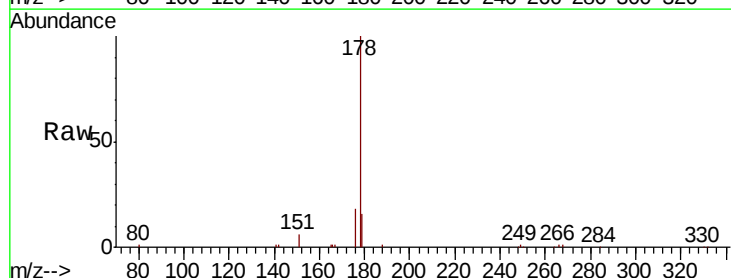
Tgt Ion:178 Resp: 20439

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

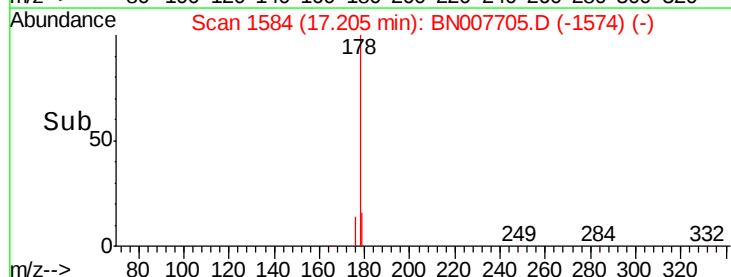
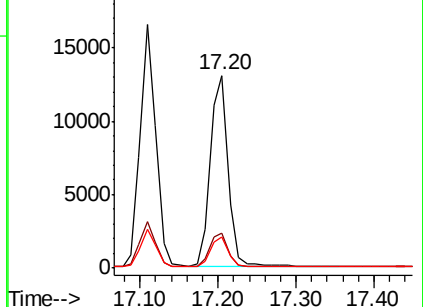
179 15.1 12.2 18.4

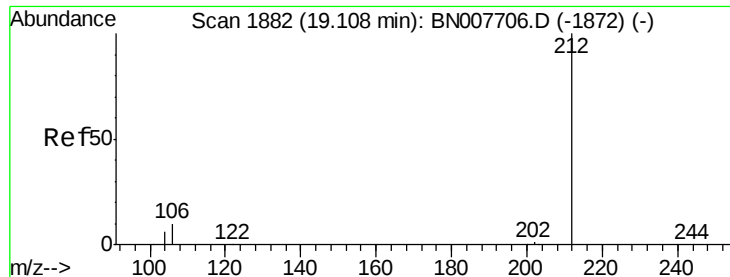


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.199 ng

RT: 19.10 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

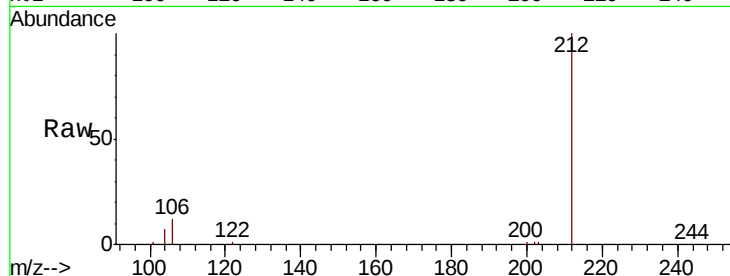
Tot Ion:212 Resp: 25171

Ion Ratio Lower Upper

212 100

106 11.7 9.4 14.0

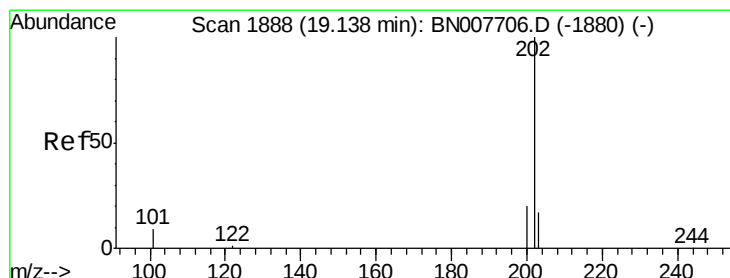
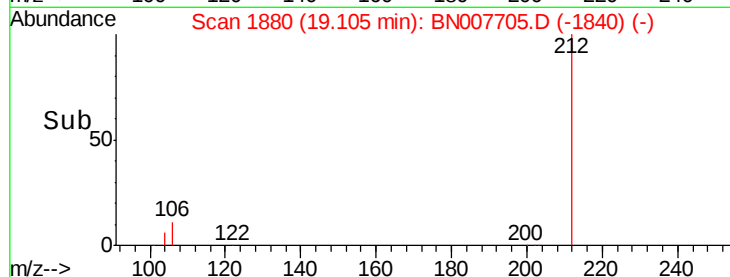
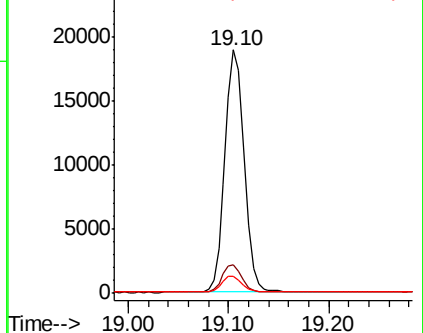
104 6.5 5.3 7.9



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.199 ng

RT: 19.13 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

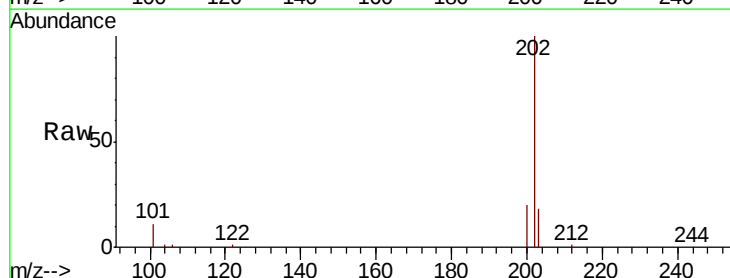
Tgt Ion:202 Resp: 28923

Ion Ratio Lower Upper

202 100

101 10.4 8.4 12.6

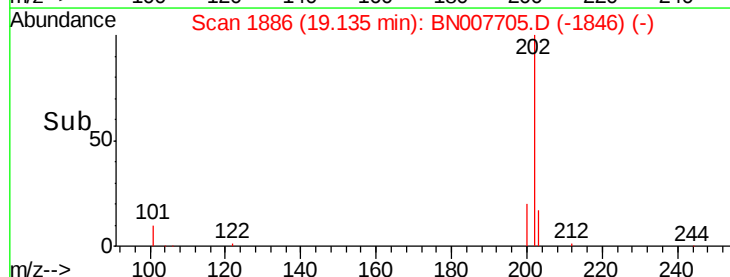
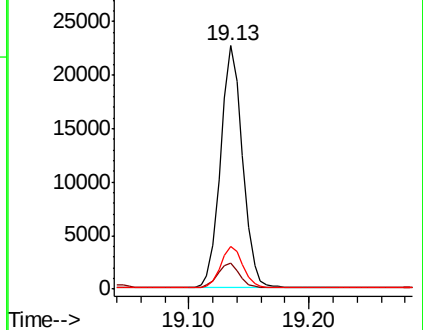
203 17.3 13.8 20.8



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

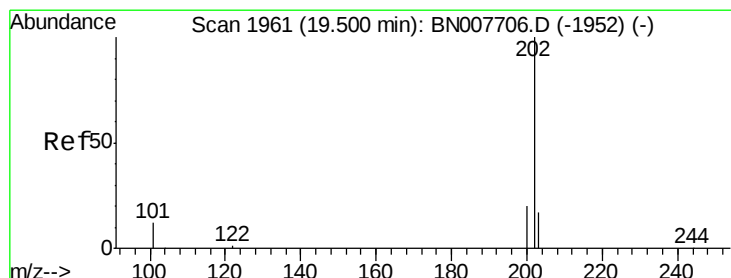
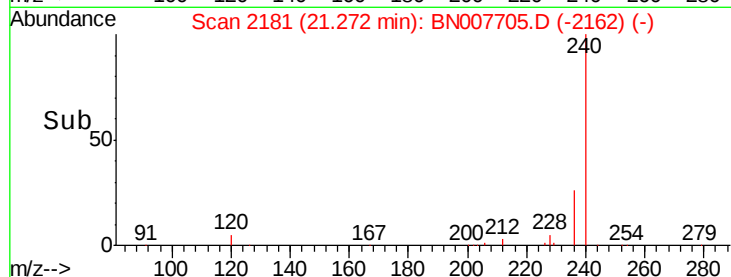
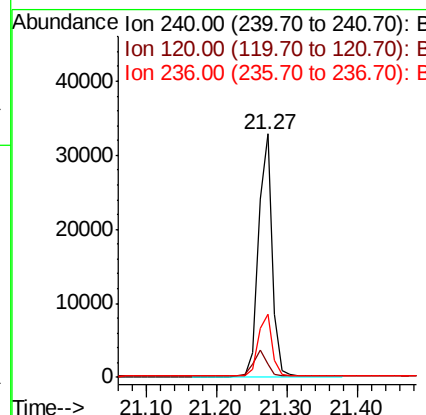
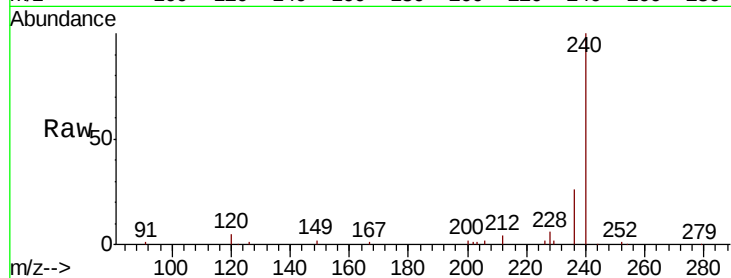




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

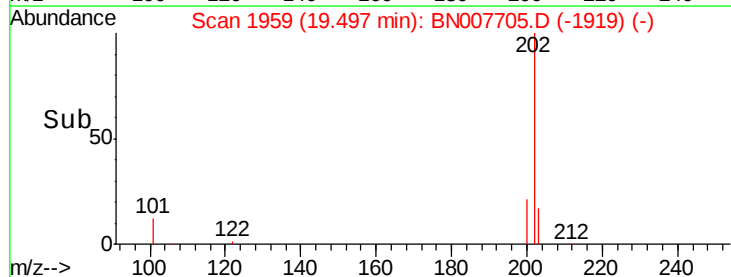
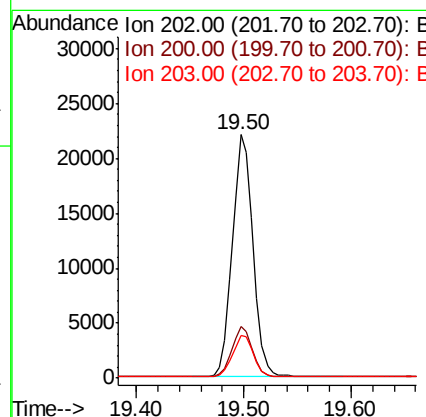
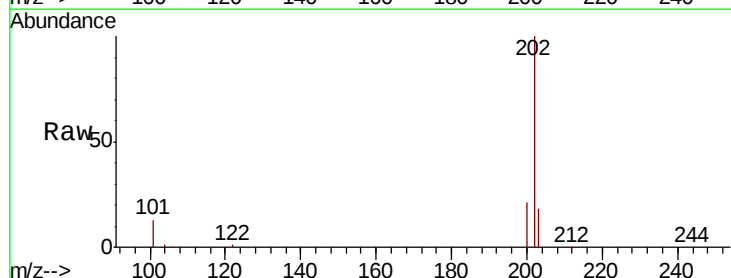
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

Tot Ion:240 Resp: 44821
Ion Ratio Lower Upper
240 100
120 5.3 5.4 8.2#
236 26.1 21.0 31.4



#28
Pyrene
Concen: 0.184 ng
RT: 19.50 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion:202 Resp: 29565
Ion Ratio Lower Upper
202 100
200 20.5 16.4 24.6
203 17.7 14.1 21.1





#29

Terphenyl-d14

Concen: 0.185 ng

RT: 19.71 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

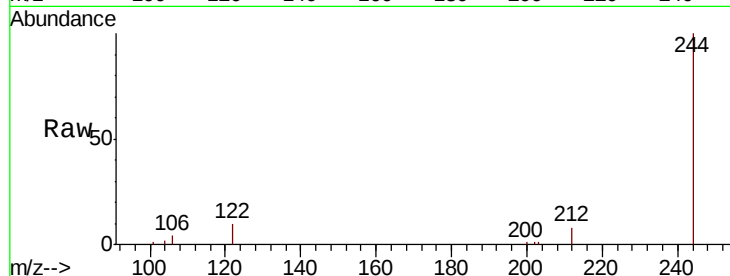
Tot Ion:244 Resp: 21517

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

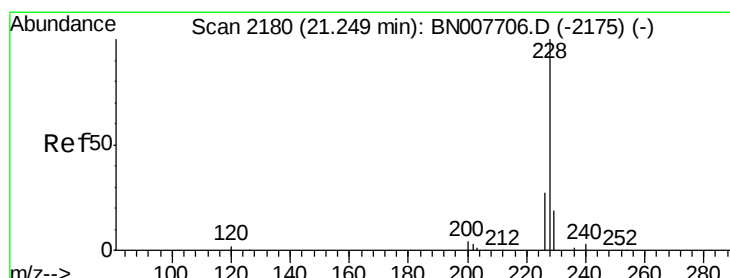
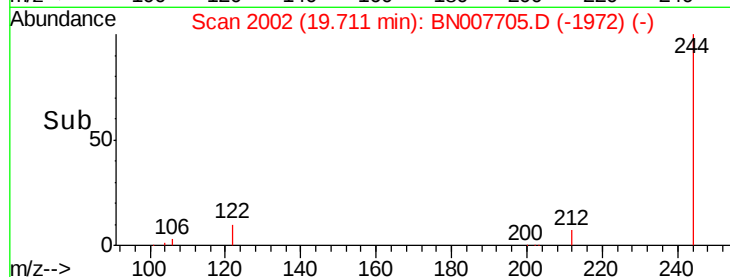
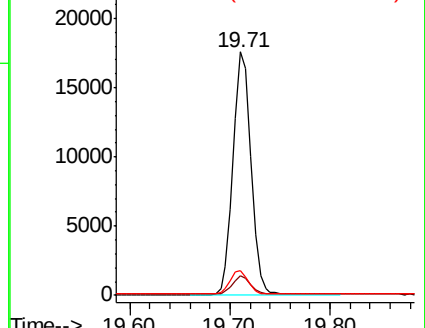
122 10.0 7.4 11.2



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: 0.201 ng

RT: 21.25 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

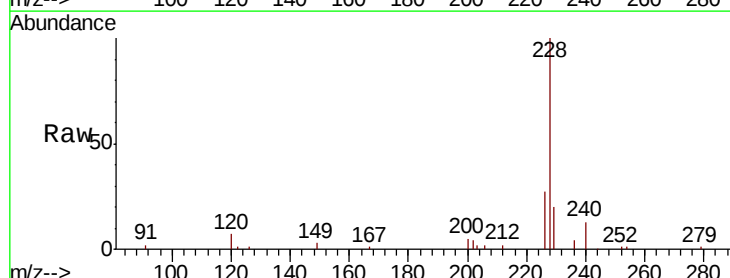
Tgt Ion:228 Resp: 32228

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

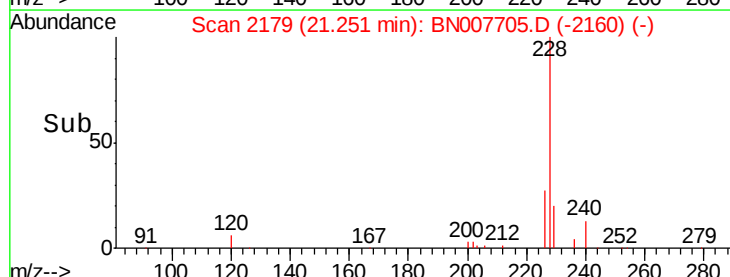
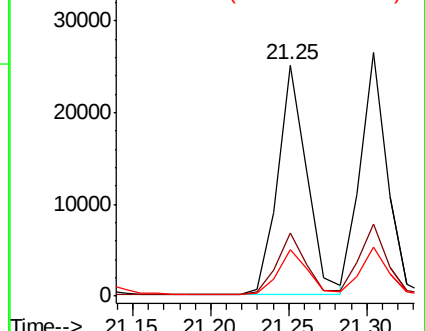
229 20.2 15.8 23.6



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: 0.189 ng

RT: 21.30 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

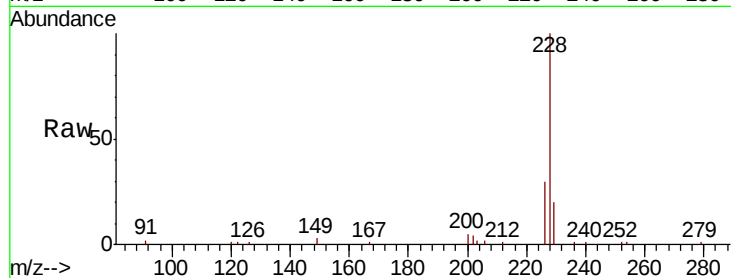
Tot Ion:228 Resp: 30873

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

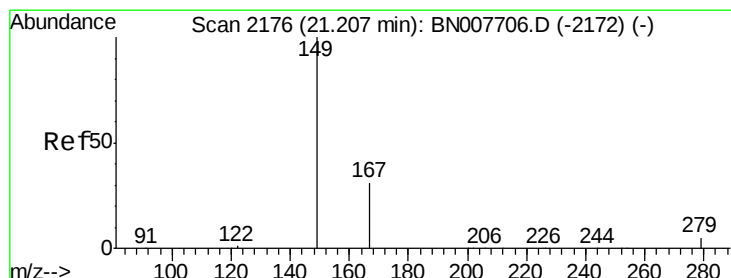
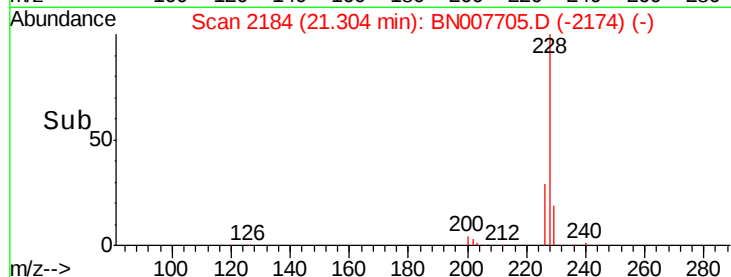
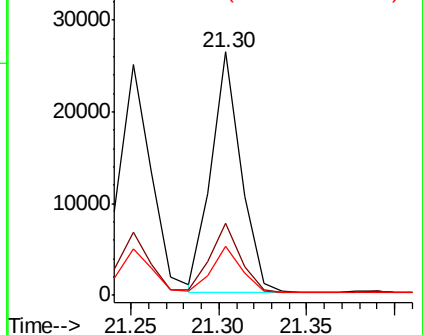
229 20.2 15.8 23.6



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: 0.293 ng

RT: 21.20 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

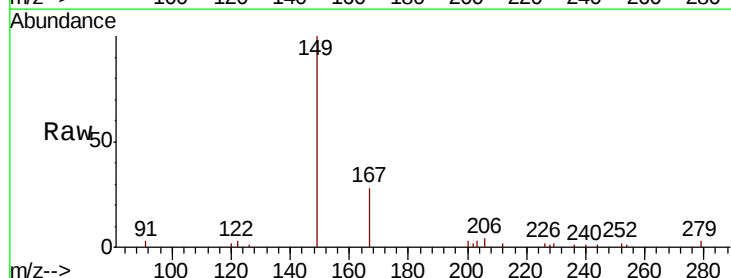
Tgt Ion:149 Resp: 16060

Ion Ratio Lower Upper

149 100

167 29.6 23.7 35.5

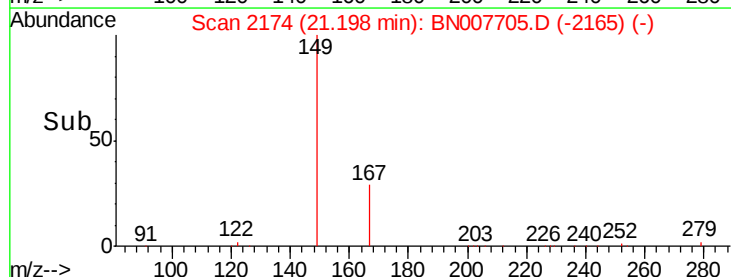
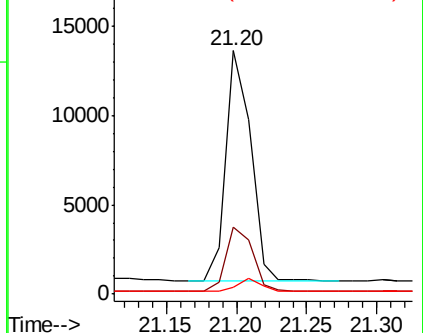
279 5.4 4.2 6.2



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

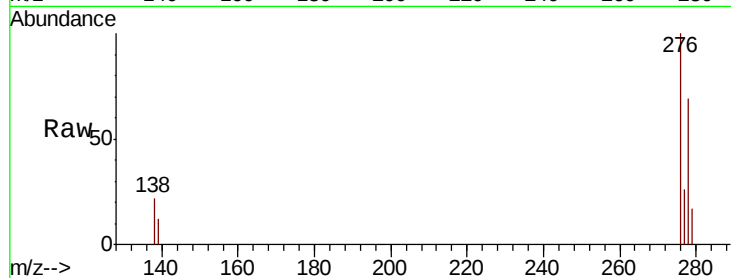




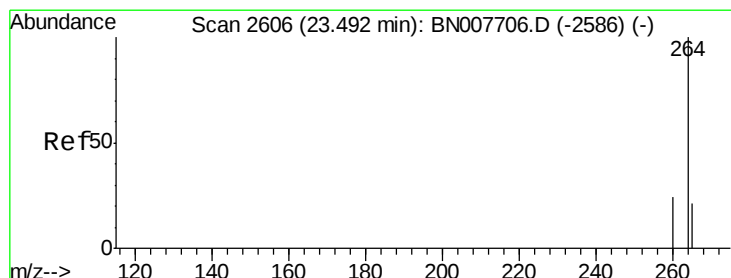
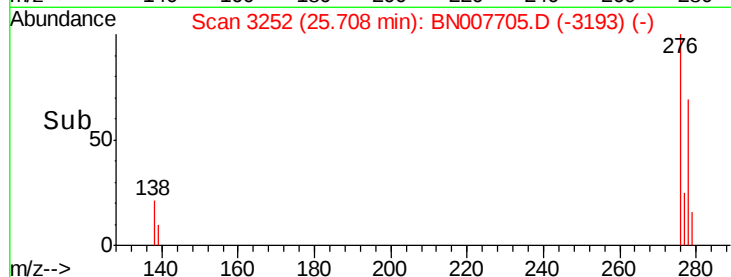
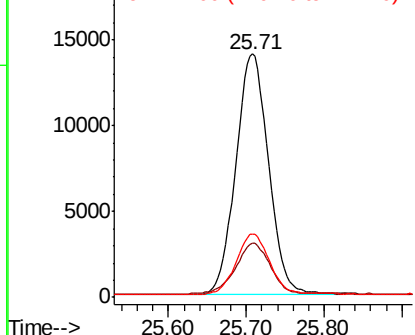
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.239 ng
 RT: 25.71 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BN007705.D
 Acq: 18 Sep 2019 14:49

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Tot Ion:276 Resp: 41168
 Ion Ratio Lower Upper
 276 100
 138 22.3 17.1 25.7
 277 25.1 20.0 30.0

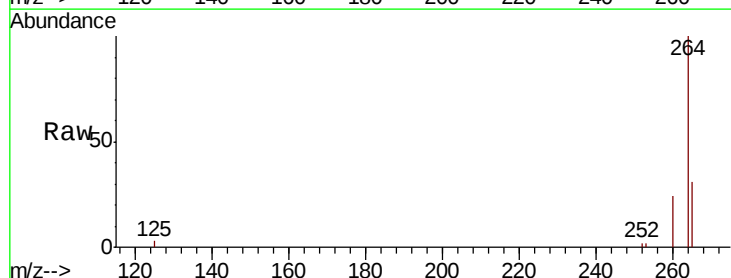


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

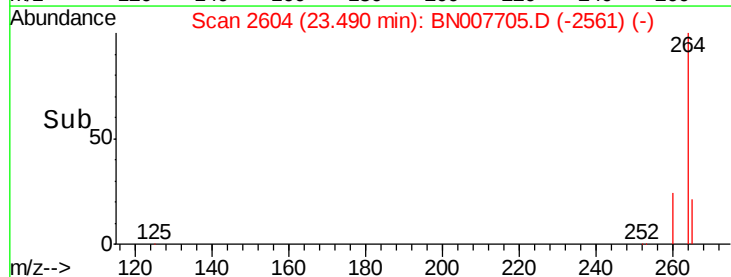
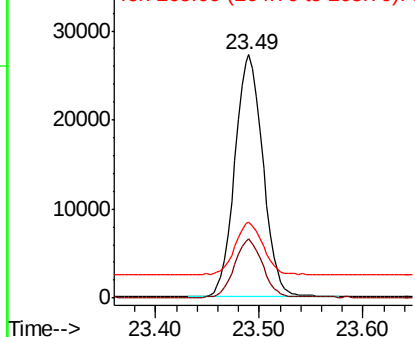


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.49 min Scan# 2604
 Delta R.T. -0.00 min
 Lab File: BN007705.D
 Acq: 18 Sep 2019 14:49

Tgt Ion:264 Resp: 51091
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 31.0 26.9 40.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

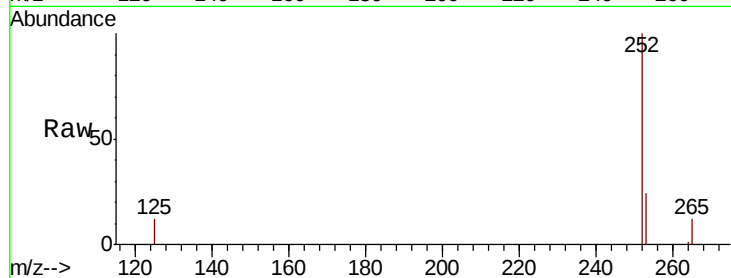




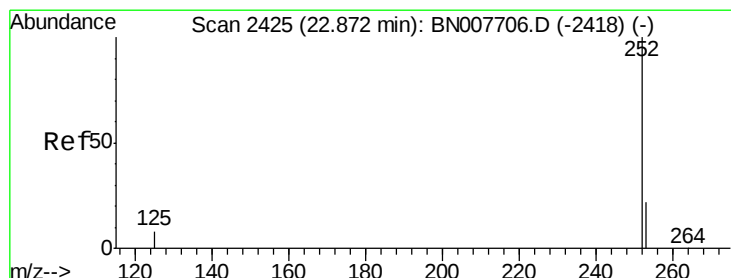
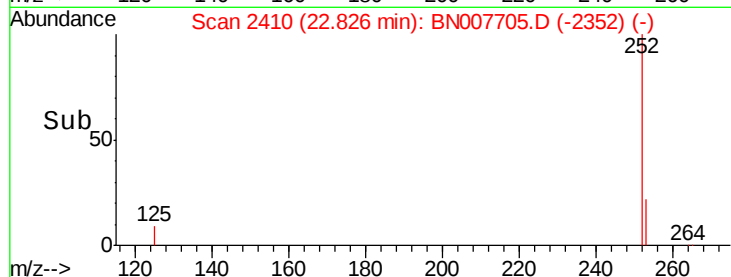
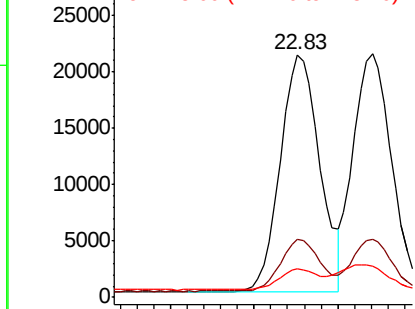
#35
Benzo(b)fluoranthene
Concen: 0.191 ng
RT: 22.83 min Scan# 2410
Delta R.T. -0.00 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

Tot Ion:252 Resp: 34609
Ion Ratio Lower Upper
252 100
253 23.9 18.3 27.5
125 11.6 8.2 12.4

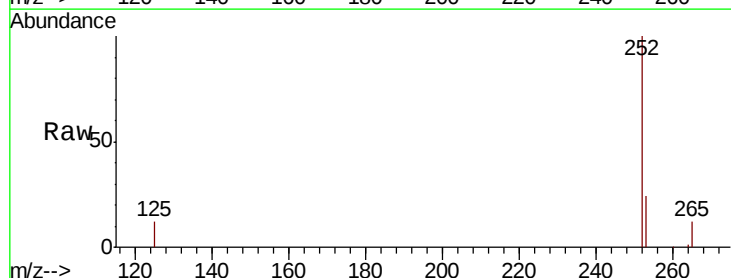


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

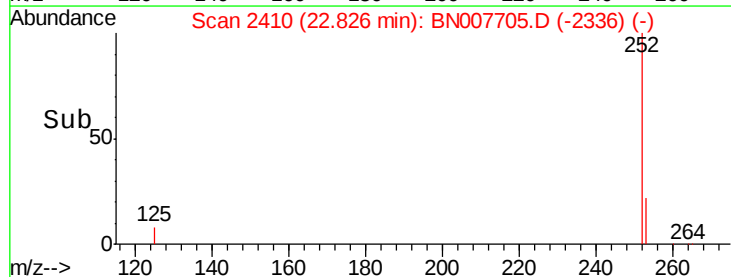
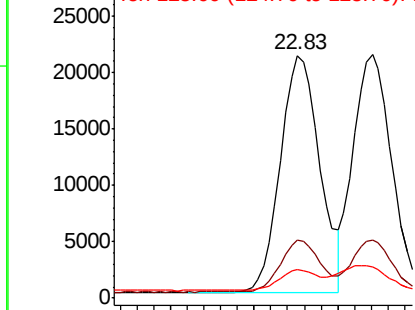


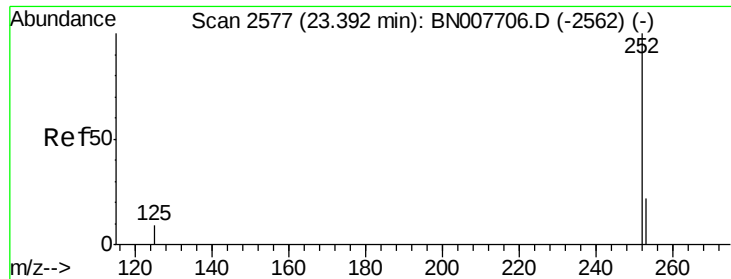
#36
Benzo(k)fluoranthene
Concen: 0.193 ng
RT: 22.83 min Scan# 2410
Delta R.T. -0.05 min
Lab File: BN007705.D
Acq: 18 Sep 2019 14:49

Tgt Ion:252 Resp: 34609
Ion Ratio Lower Upper
252 100
253 23.9 18.5 27.7
125 11.6 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: 0.201 ng

RT: 23.39 min Scan# 2576

Delta R.T. 0.00 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

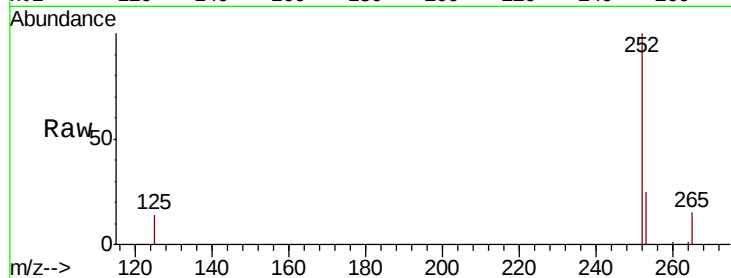
Tot Ion:252 Resp: 32410

Ion Ratio Lower Upper

252 100

253 24.6 18.6 27.8

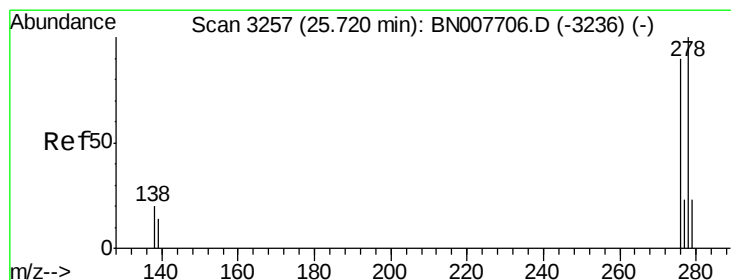
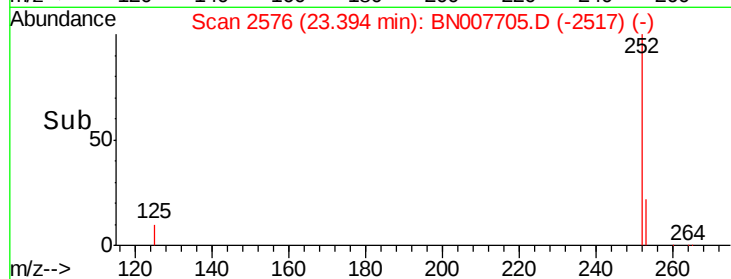
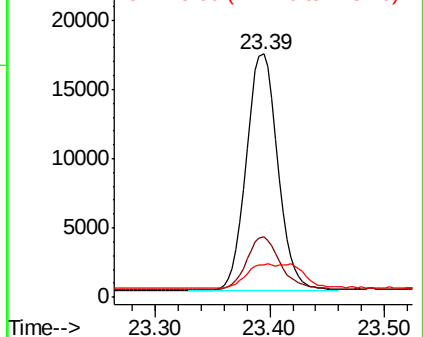
125 13.6 9.4 14.0



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: 0.208 ng

RT: 25.72 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

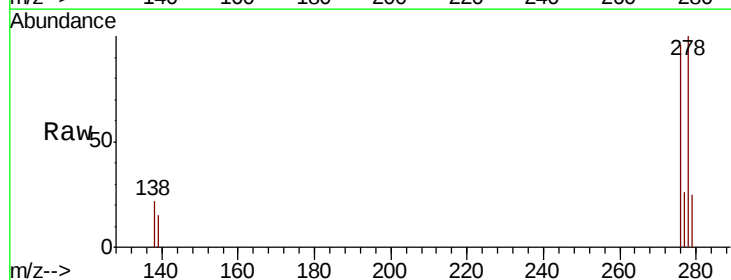
Tgt Ion:278 Resp: 33683

Ion Ratio Lower Upper

278 100

139 15.4 11.8 17.6

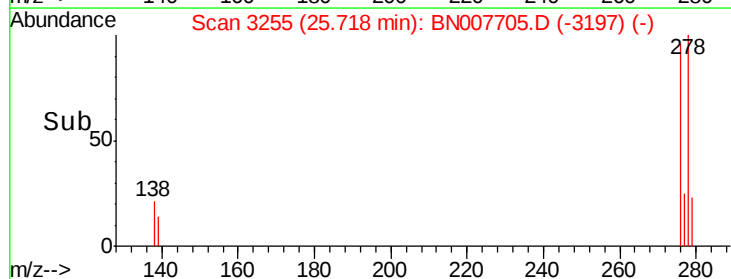
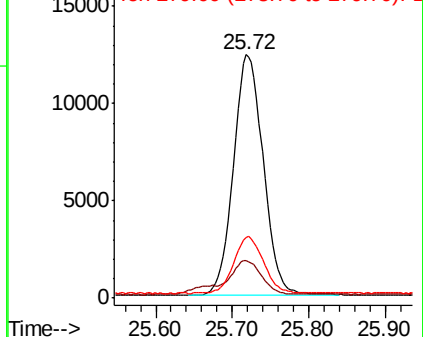
279 25.0 19.4 29.2



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: 0.202 ng

RT: 26.38 min Scan# 3449

Delta R.T. 0.00 min

Lab File: BN007705.D

Acq: 18 Sep 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

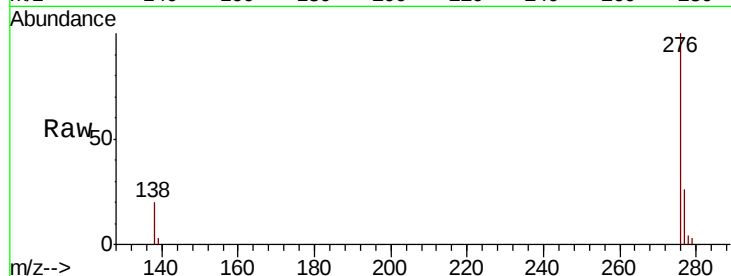
Tot Ion:276 Resp: 33108

Ion Ratio Lower Upper

276 100

277 25.5 19.8 29.8

138 19.6 15.1 22.7



Abundance

Ion 276.00 (275.70 to 276.70): E

15000

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

