

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
 Data File : BN007869.D
 Acq On : 26 Sep 2019 01:28
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Sep 26 02:03:32 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	8389	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	30534	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	15983	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	30291	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	34739	0.40	ng	-0.02
34) Perylene-d12	23.47	264	39453	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	10689	0.37	ng	0.00
5) Phenol-d6	6.87	99	13419	0.37	ng	0.00
8) Nitrobenzene-d5	8.83	82	11568	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	20638	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	2865	0.33	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	28908	0.44	ng	-0.01
25) Fluoranthene-d10	19.09	212	41551	0.41	ng	-0.01
29) Terphenyl-d14	19.70	244	35860	0.42	ng	-0.01

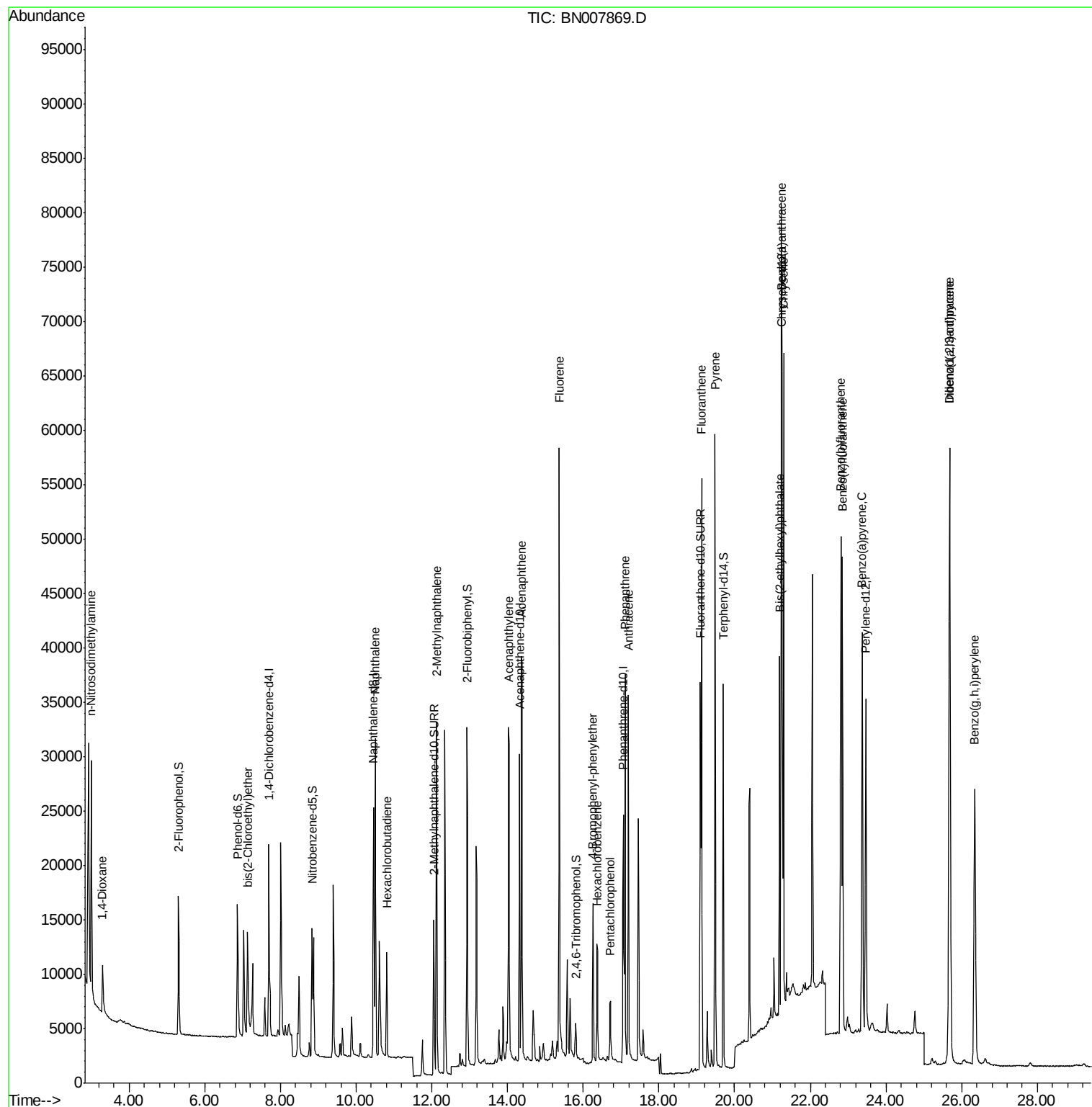
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	3866	0.413	ng	# 86
3) n-Nitrosodimethylamine	3.00	42	2591	0.605	ng	# 93
6) bis(2-Chloroethyl)ether	7.13	93	9803	0.413	ng	99
9) Naphthalene	10.51	128	36773	0.429	ng	100
10) Hexachlorobutadiene	10.81	225	8130	0.450	ng	# 100
12) 2-Methylnaphthalene	12.13	142	23604	0.408	ng	99
16) Acenaphthylene	14.02	152	46003	0.543	ng	99
17) Acenaphthene	14.38	154	21745	0.398	ng	96
18) Fluorene	15.36	166	27646	0.395	ng	96
20) 4-Bromophenyl-phenylether	16.25	248	8276	0.450	ng	# 75
21) Hexachlorobenzene	16.38	284	9307	0.463	ng	98
22) Pentachlorophenol	16.72	266	3316	0.447	ng	99
23) Phenanthrene	17.10	178	40570	0.430	ng	100
24) Anthracene	17.19	178	37339	0.438	ng	99
26) Fluoranthene	19.12	202	49563	0.422	ng	99
28) Pyrene	19.49	202	51696	0.436	ng	98
30) Benzo(a)anthracene	21.24	228	53616	0.419	ng	95
31) Chrysene	21.29	228	53709	0.431	ng	99
32) Bis(2-ethylhexyl)phthalate	21.19	149	25907	0.394	ng	100
33) Indeno(1,2,3-cd)pyrene	25.68	276	64848	0.415	ng	99
35) Benzo(b)fluoranthene	22.80	252	56679	0.414	ng	100
36) Benzo(k)fluoranthene	22.85	252	55721	0.411	ng	99
37) Benzo(a)pyrene	23.37	252	53312	0.414	ng	98
38) Dibenzo(a,h)anthracene	25.69	278	52373	0.398	ng	99
39) Benzo(g,h,i)perylene	26.35	276	54071	0.415	ng	99

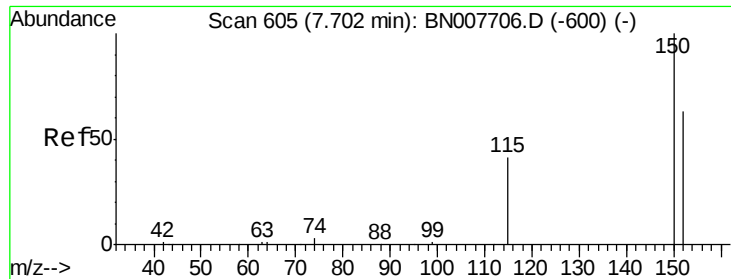
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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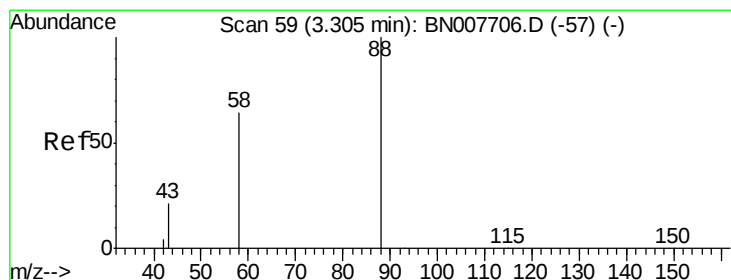
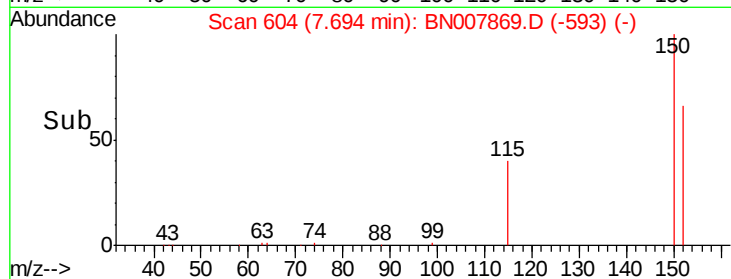
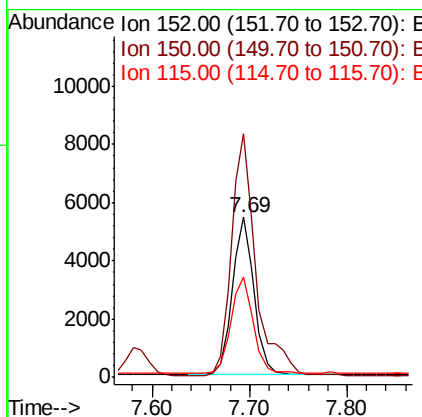
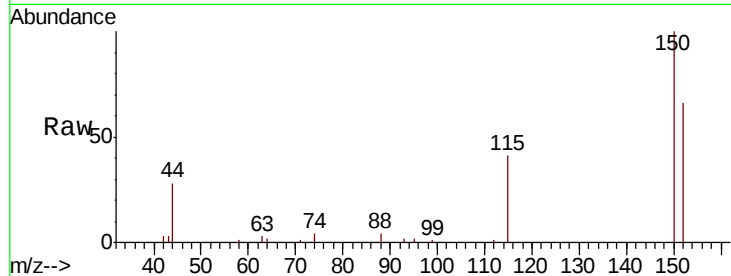


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007869.D
Acq: 26 Sep 2019 01:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

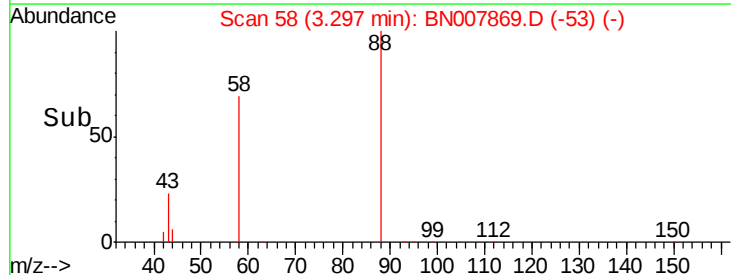
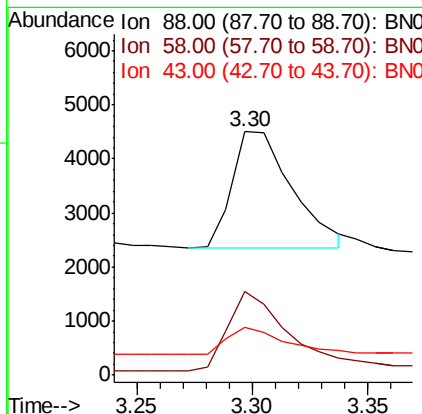
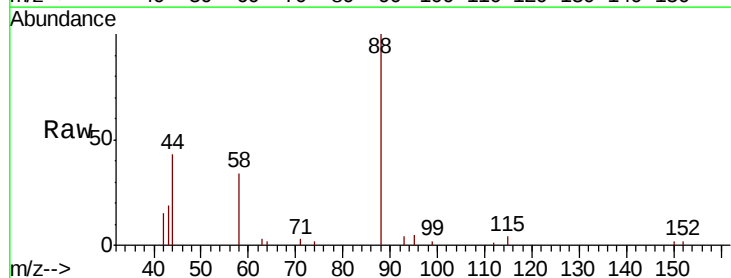
Tot Ion:152 Resp: 8389
Ion Ratio Lower Upper
152 100
150 152.3 125.6 188.4
115 62.4 53.3 79.9



#2

1,4-Dioxane
Concen: 0.413 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007869.D
Acq: 26 Sep 2019 01:28

Tgt Ion: 88 Resp: 3866
Ion Ratio Lower Upper
88 100
58 67.3 44.6 66.8#
43 22.1 14.4 21.6#

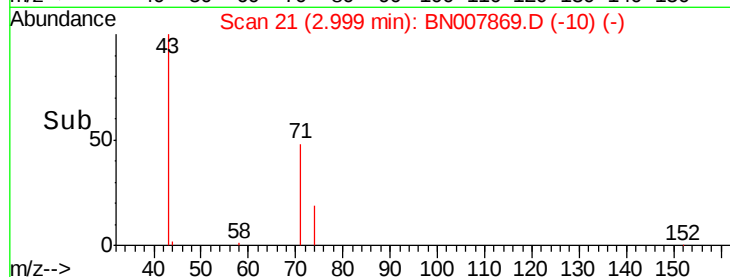
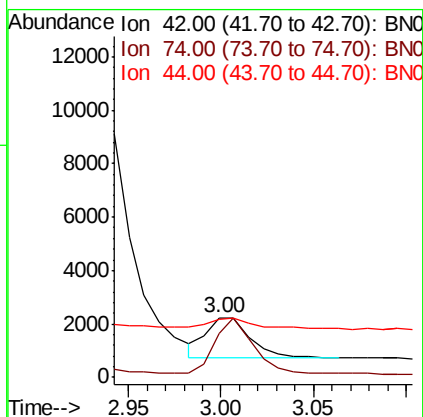
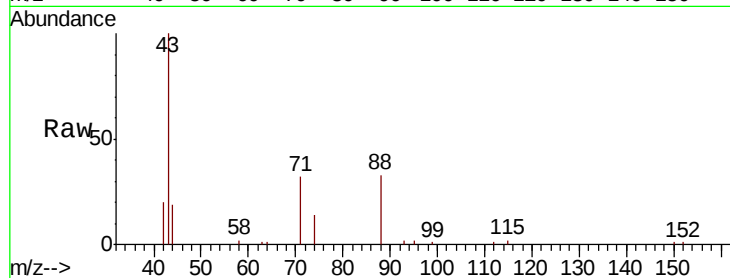




#3
n-Nitrosodimethylamine
Concen: 0.605 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007869.D
Acq: 26 Sep 2019 01:28

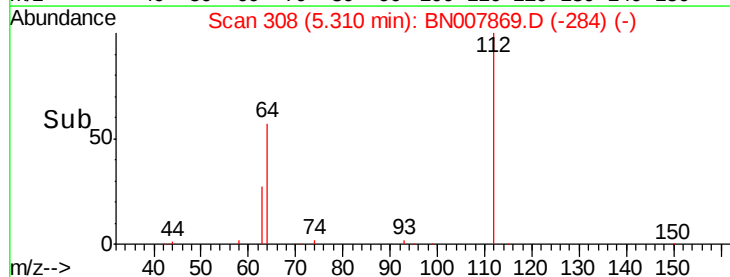
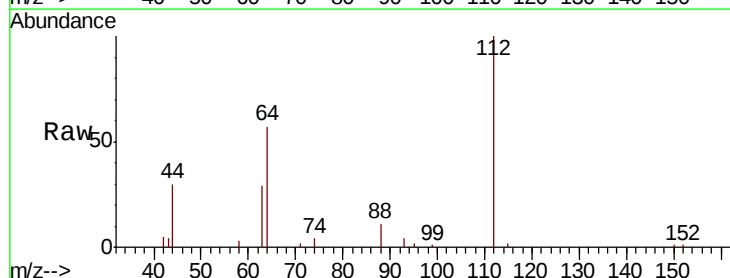
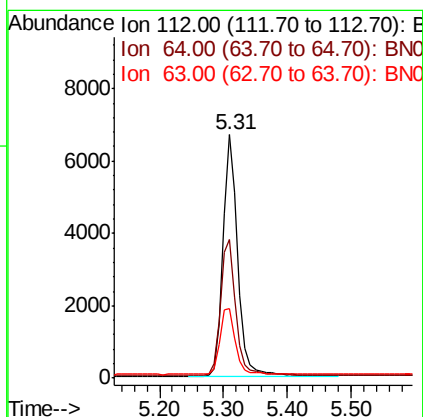
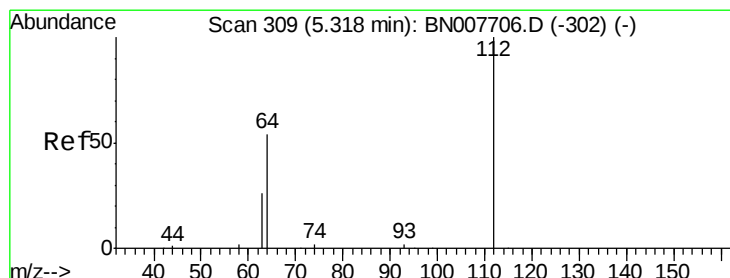
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

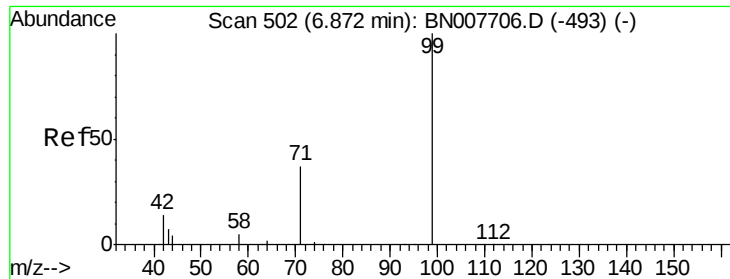
Tot Ion: 42 Resp: 2591
Ion Ratio Lower Upper
42 100
74 115.3 87.9 131.9
44 29.0 29.4 44.0#



#4
2-Fluorophenol
Concen: 0.370 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007869.D
Acq: 26 Sep 2019 01:28

Tgt Ion: 112 Resp: 10689
Ion Ratio Lower Upper
112 100
64 58.0 46.6 70.0
63 28.9 23.1 34.7





#5

Phenol-d6

Concen: 0.372 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007869.D

Acq: 26 Sep 2019 01:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

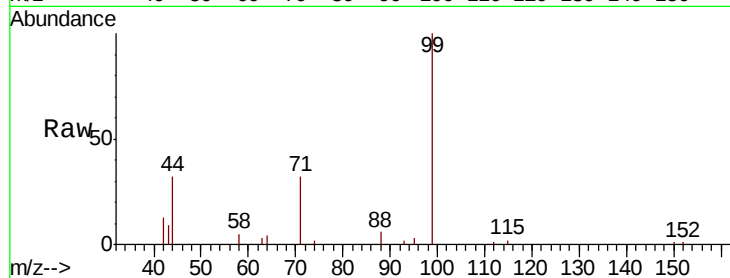
Tot Ion: 99 Resp: 13419

Ion Ratio Lower Upper

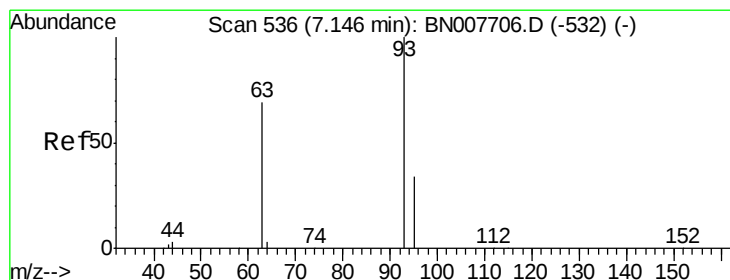
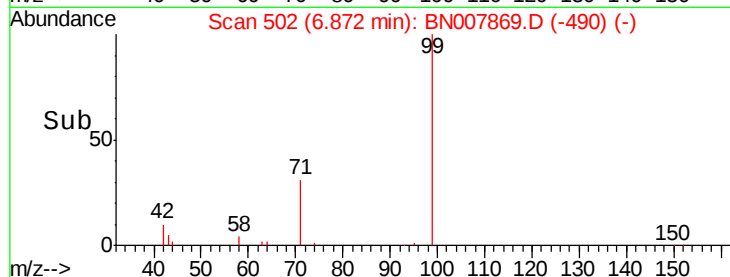
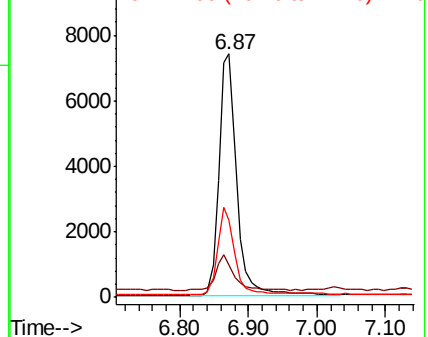
99 100

42 14.5 12.8 19.2

71 34.2 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.413 ng

RT: 7.13 min Scan# 534

Delta R.T. -0.02 min

Lab File: BN007869.D

Acq: 26 Sep 2019 01:28

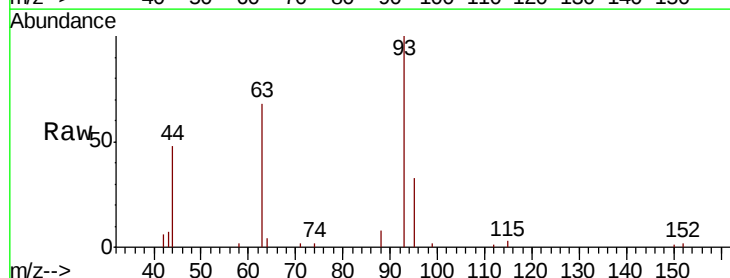
Tgt Ion: 93 Resp: 9803

Ion Ratio Lower Upper

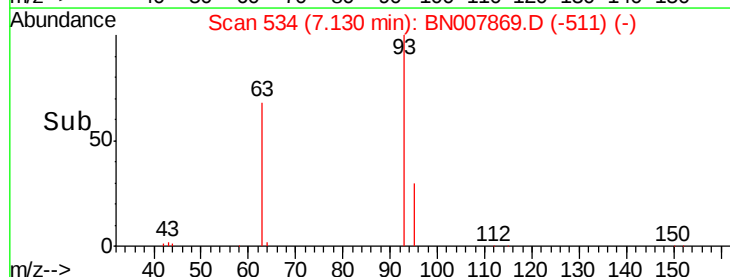
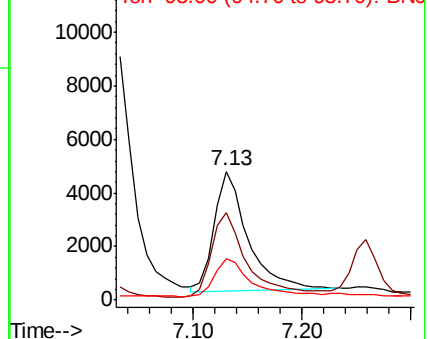
93 100

63 74.3 59.3 88.9

95 37.3 31.4 47.0



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007869.D

Acq: 26 Sep 2019 01:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 30534

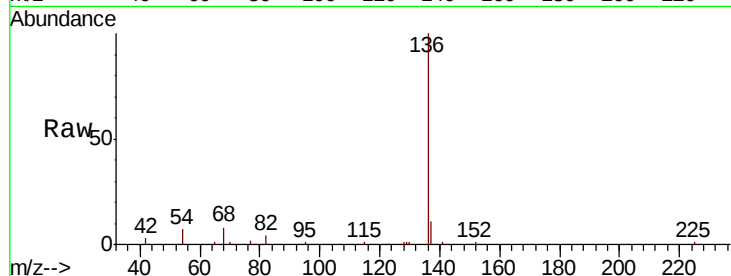
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 7.2 5.8 8.8

68 8.0 6.5 9.7

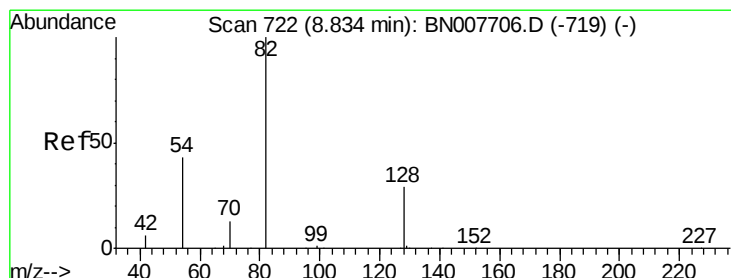
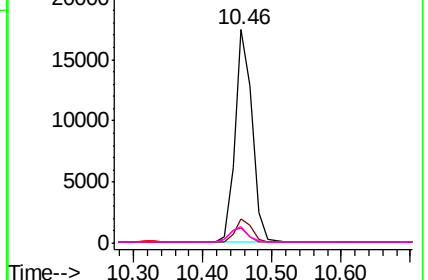
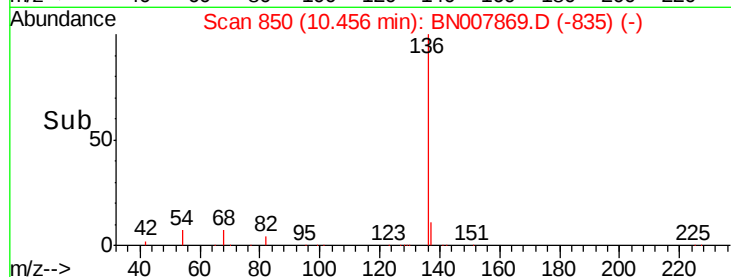


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.433 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007869.D

Acq: 26 Sep 2019 01:28

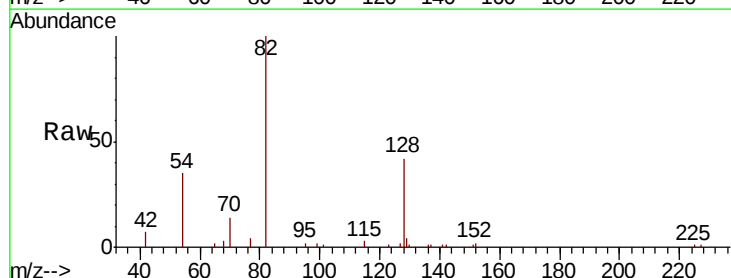
Tgt Ion: 82 Resp: 11568

Ion Ratio Lower Upper

82 100

128 42.1 24.5 36.7#

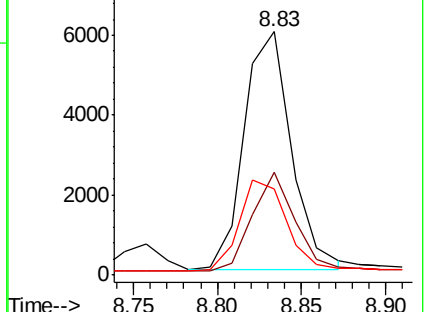
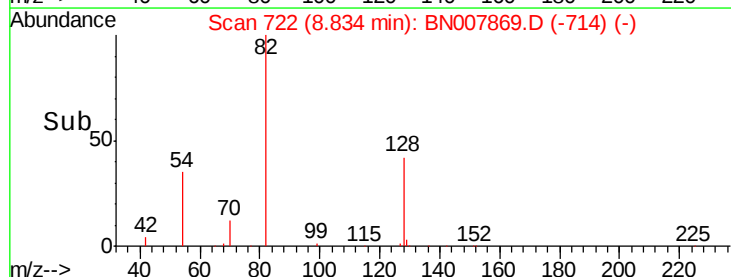
54 35.4 35.2 52.8



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: 0.429 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007869.D

Acq: 26 Sep 2019 01:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

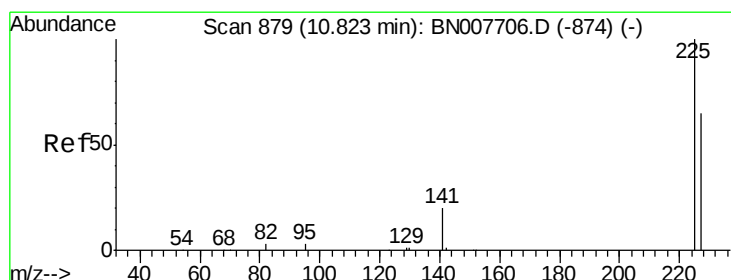
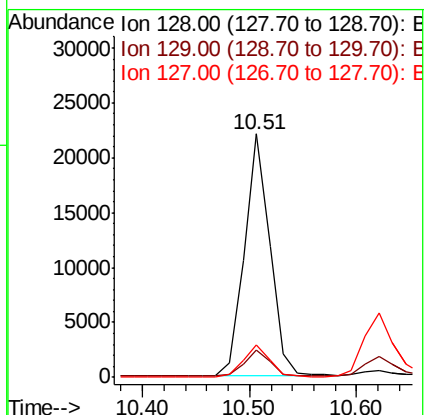
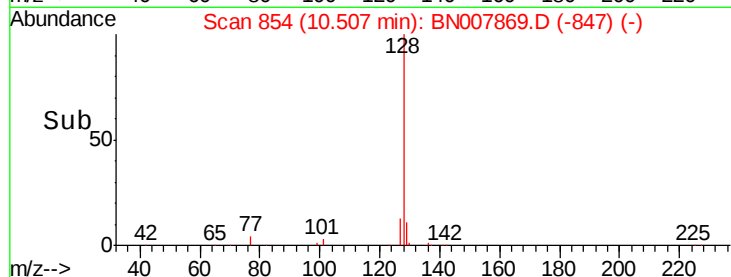
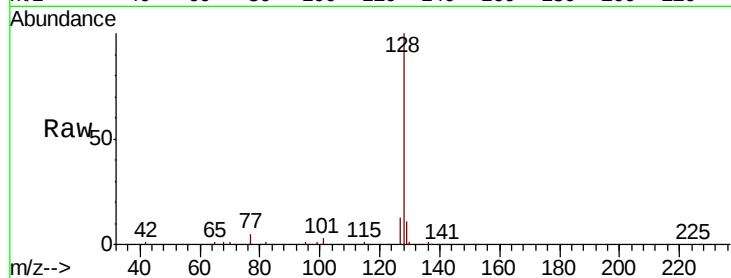
Tot Ion:128 Resp: 36773

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

127 13.3 10.6 15.8



#10

Hexachlorobutadiene

Concen: 0.450 ng

RT: 10.81 min Scan# 878

Delta R.T. -0.01 min

Lab File: BN007869.D

Acq: 26 Sep 2019 01:28

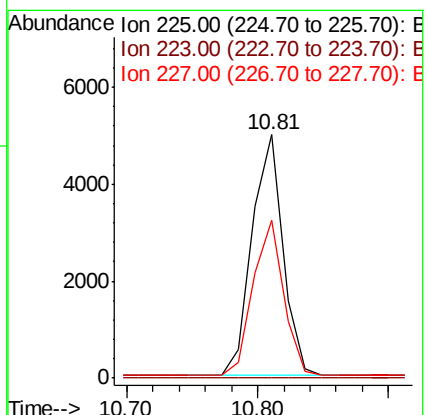
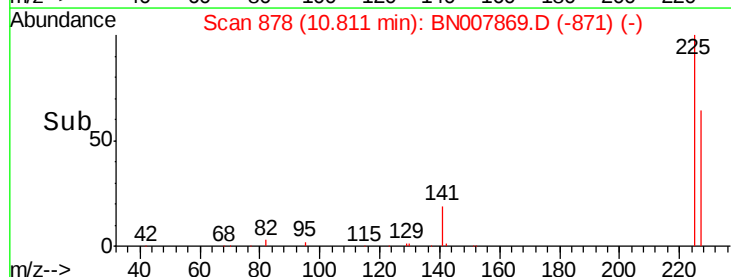
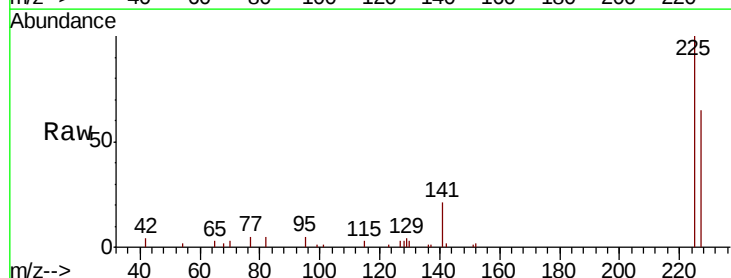
Tgt Ion:225 Resp: 8130

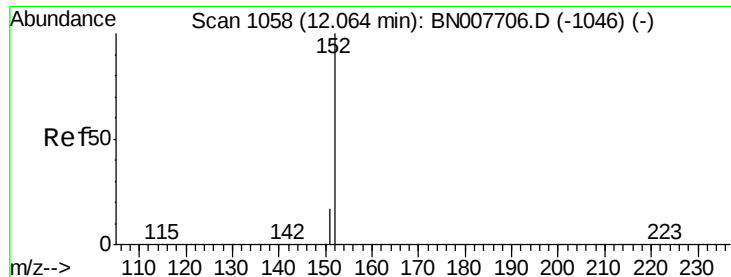
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.1 51.2 76.8

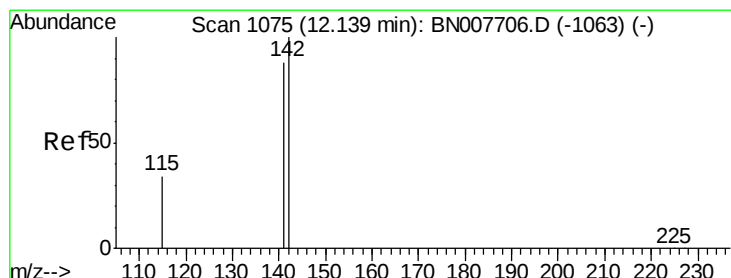
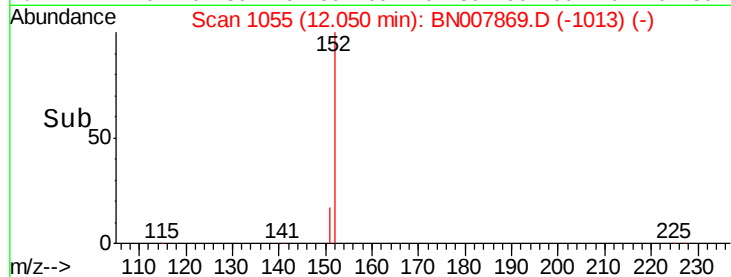
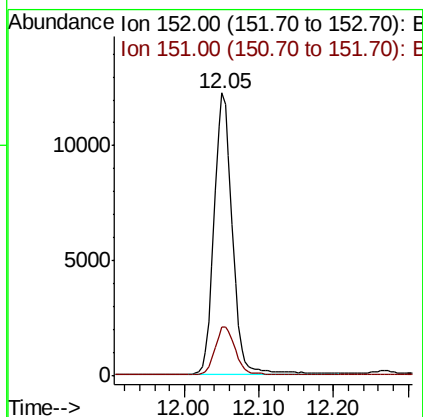
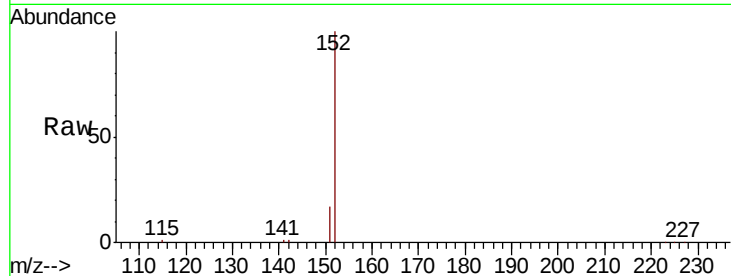




#11
 2-Methylnaphthalene-d10
 Concen: 0.401 ng
 RT: 12.05 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BN007869.D
 Acq: 26 Sep 2019 01:28

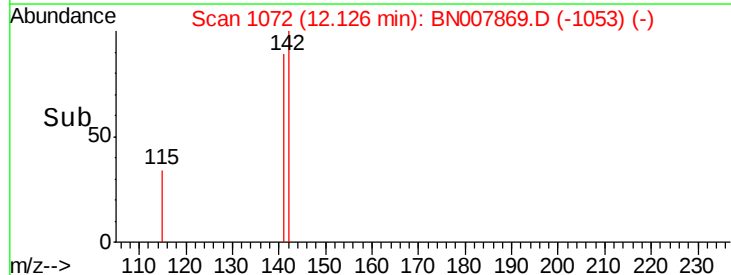
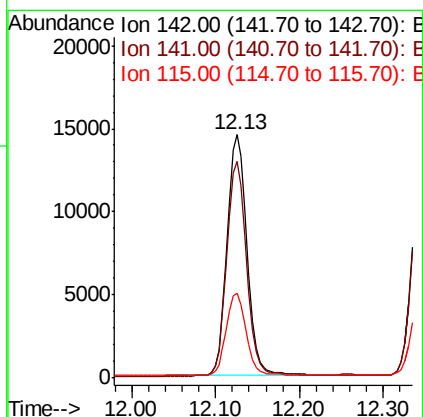
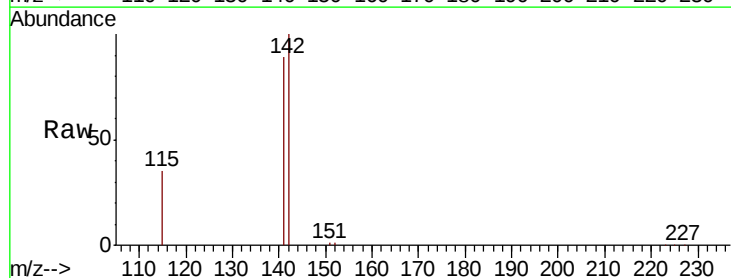
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:152 Resp: 20638
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.408 ng
 RT: 12.13 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BN007869.D
 Acq: 26 Sep 2019 01:28

Tgt Ion:142 Resp: 23604
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.6 106.0
 115 34.9 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: BN007869.D

Acq: 26 Sep 2019 01:28

Instrument :

BNA_N

ClientSampled :

SSTDCCC0.4

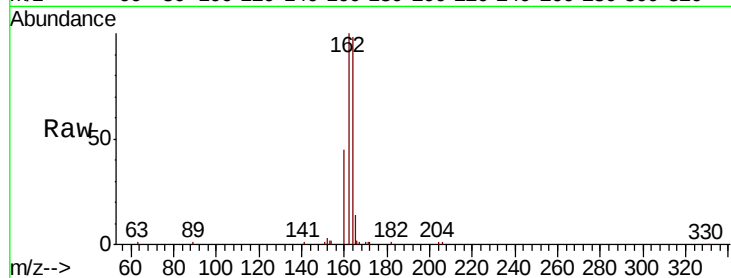
Tot Ion:164 Resp: 15983

Ion Ratio Lower Upper

164 100

162 101.7 81.7 122.5

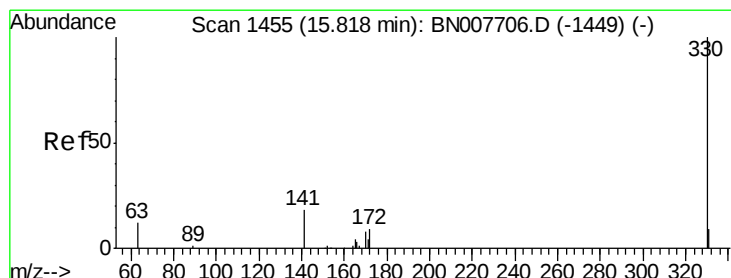
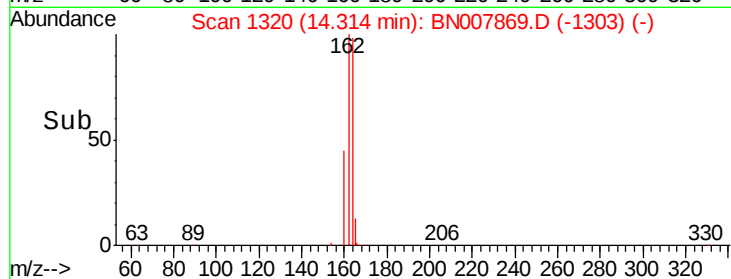
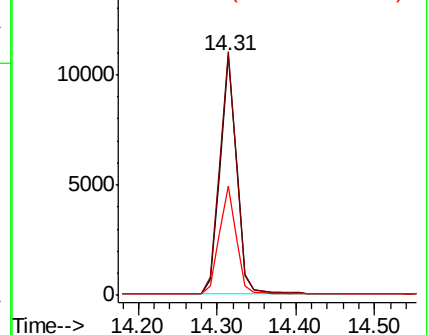
160 45.5 37.0 55.4



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: 0.329 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007869.D

Acq: 26 Sep 2019 01:28

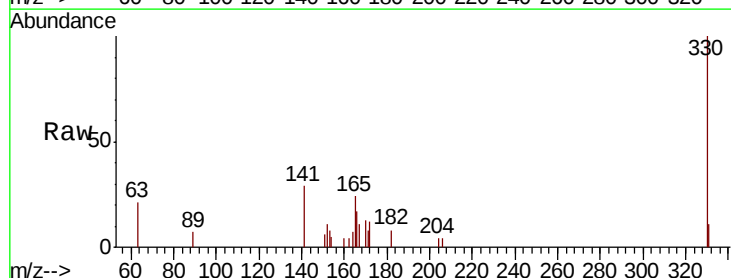
Tgt Ion:330 Resp: 2865

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

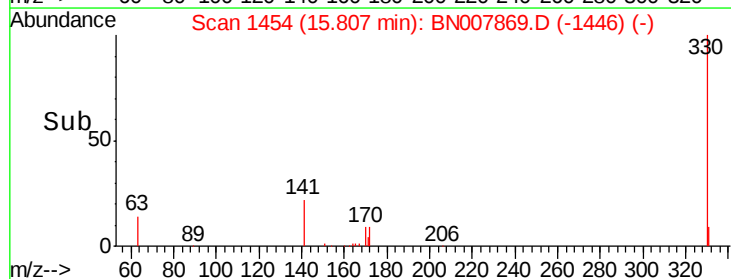
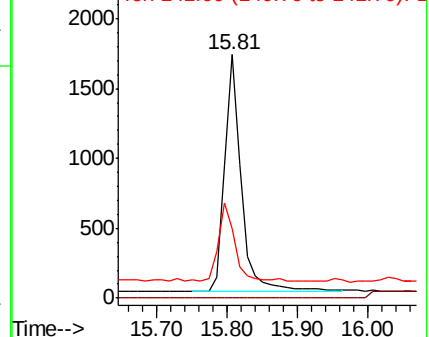
141 33.6 28.7 43.1



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

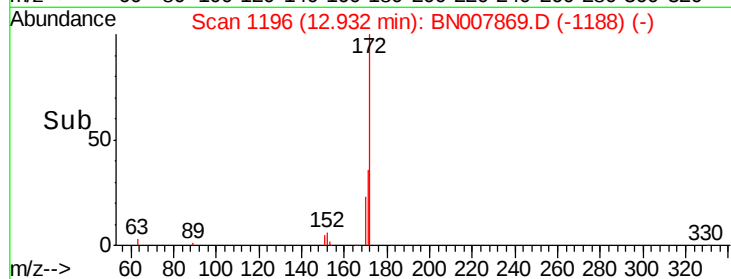
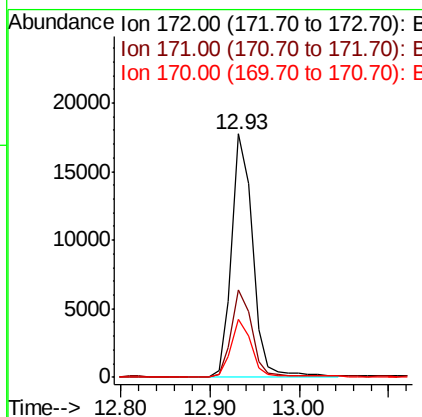
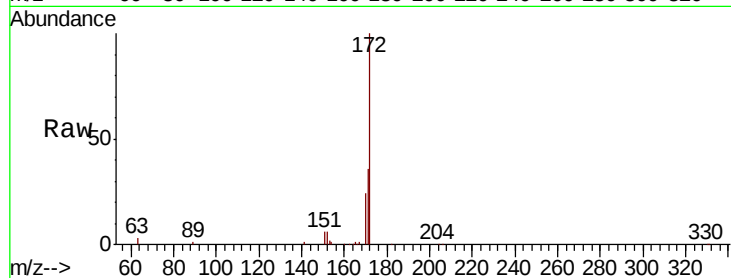




#15
2-Fluorobiphenyl
Concen: 0.439 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007869.D
Acq: 26 Sep 2019 01:28

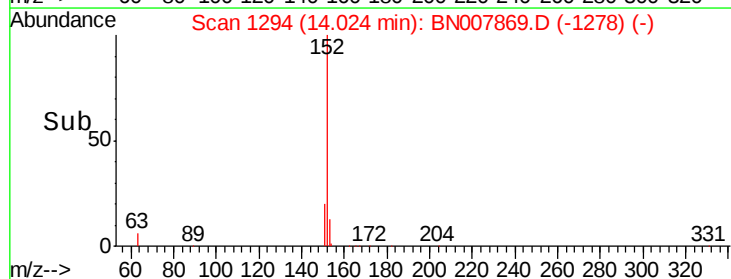
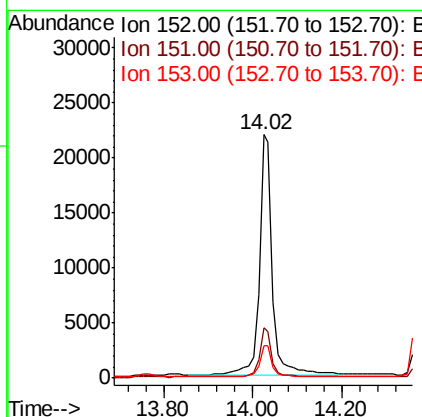
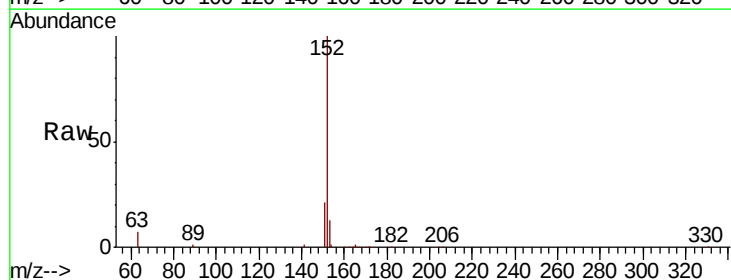
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

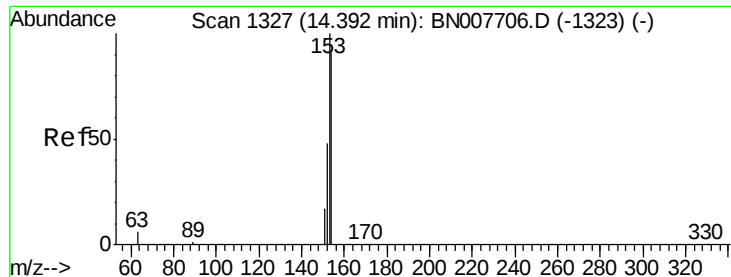
Tot Ion:172 Resp: 28908
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.7 19.5 29.3



#16
Acenaphthylene
Concen: 0.543 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007869.D
Acq: 26 Sep 2019 01:28

Tgt Ion:152 Resp: 46003
Ion Ratio Lower Upper
152 100
151 19.5 15.5 23.3
153 12.5 10.4 15.6





#17

Acenaphthene

Concen: 0.398 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007869.D

Acq: 26 Sep 2019 01:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

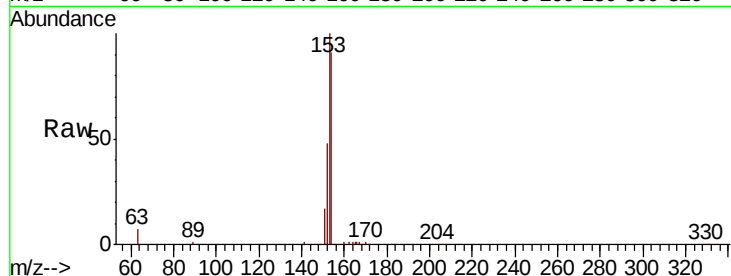
Tot Ion:154 Resp: 21745

Ion Ratio Lower Upper

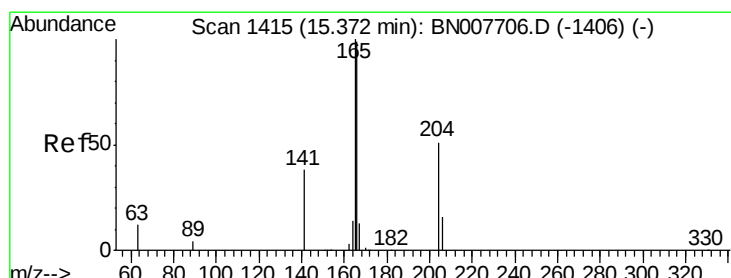
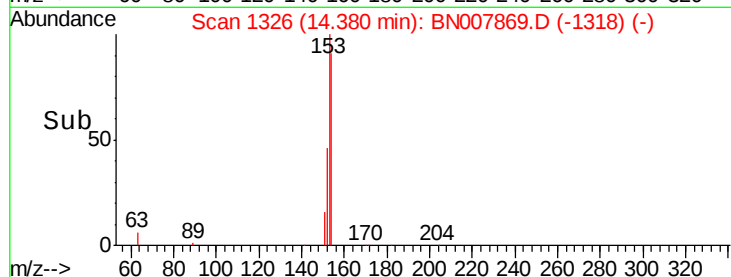
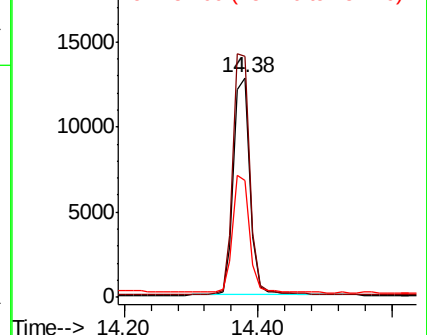
154 100

153 113.2 87.0 130.4

152 55.2 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: 0.395 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007869.D

Acq: 26 Sep 2019 01:28

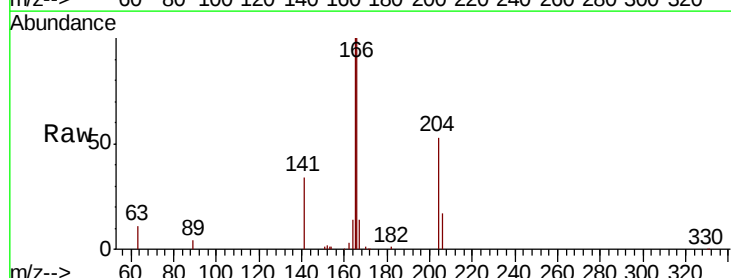
Tgt Ion:166 Resp: 27646

Ion Ratio Lower Upper

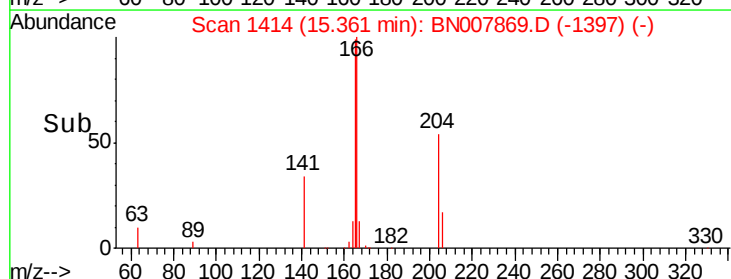
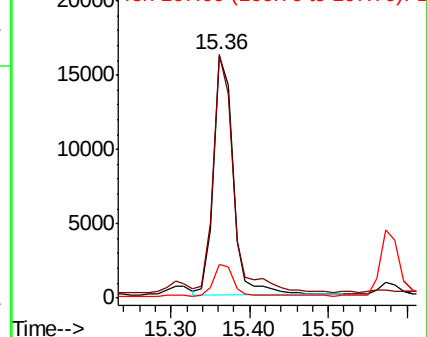
166 100

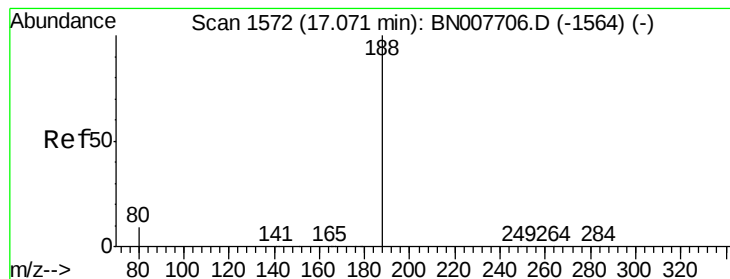
165 101.5 78.0 117.0

167 13.0 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: BN007869.D

Acq: 26 Sep 2019 01:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

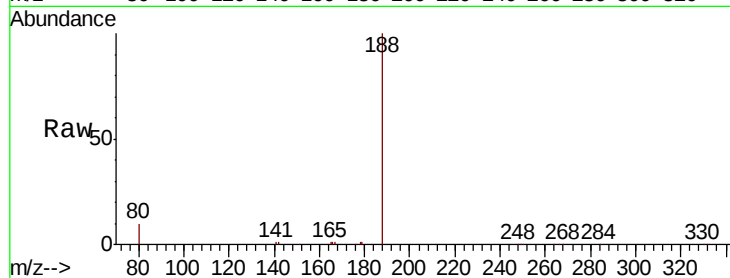
Tot Ion:188 Resp: 30291

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

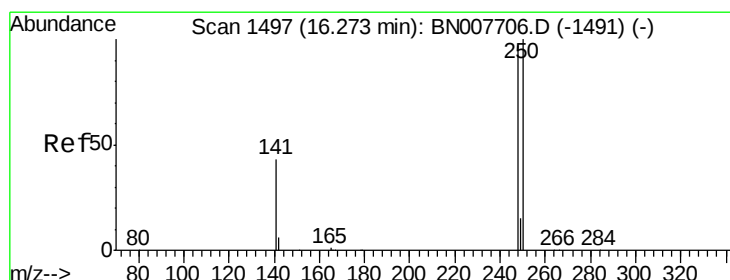
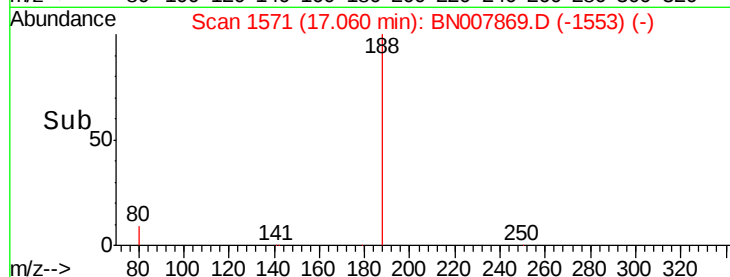
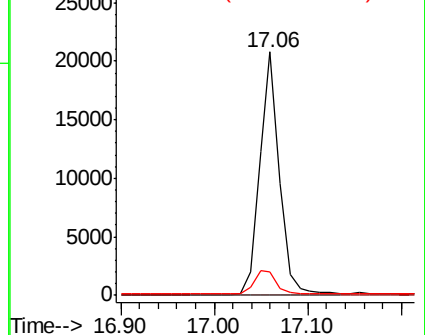
80 9.7 7.4 11.2



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: 0.450 ng

RT: 16.25 min Scan# 1495

Delta R.T. -0.02 min

Lab File: BN007869.D

Acq: 26 Sep 2019 01:28

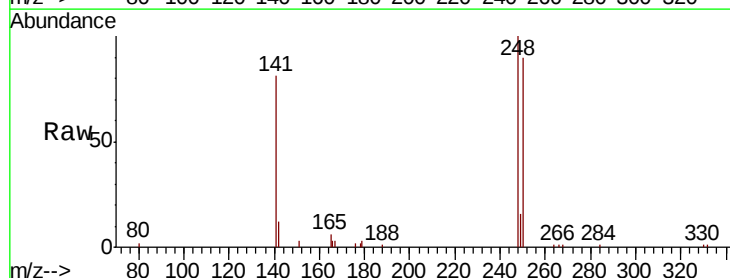
Tgt Ion:248 Resp: 8276

Ion Ratio Lower Upper

248 100

250 90.3 82.2 123.4

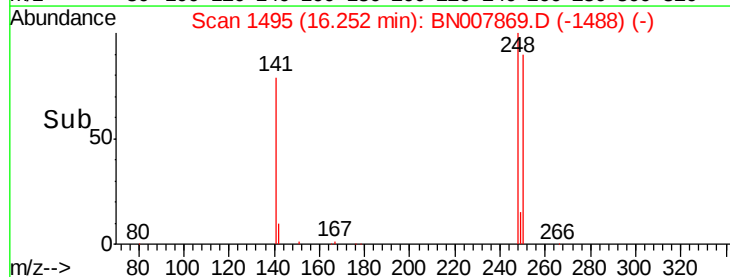
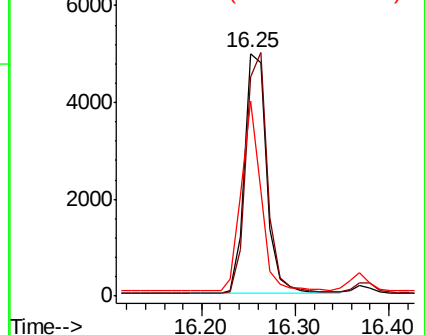
141 80.6 36.3 54.5#



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

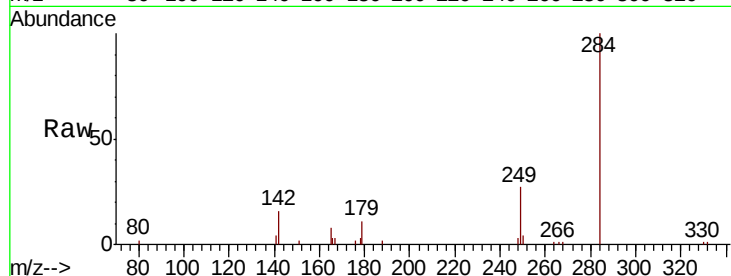




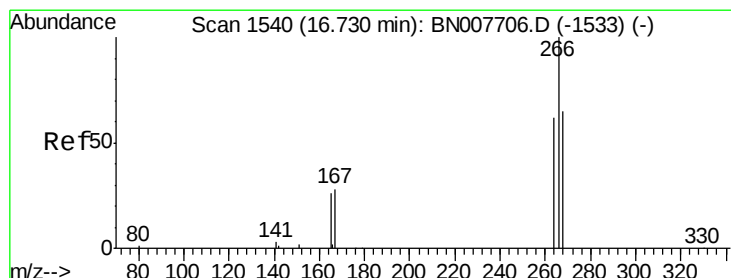
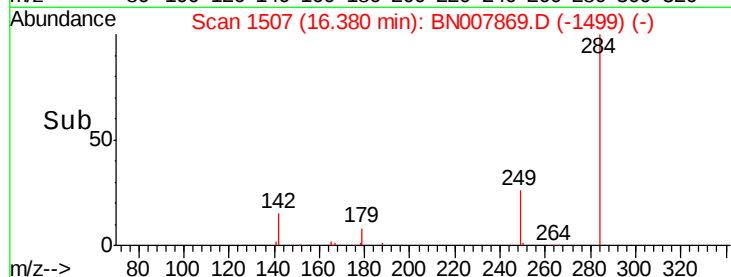
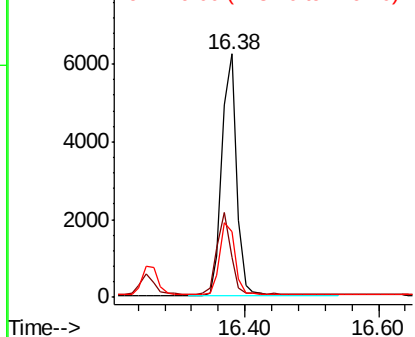
#21
Hexachlorobenzene
Concen: 0.463 ng
RT: 16.38 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BN007869.D
Acq: 26 Sep 2019 01:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.1	25.8	38.6
249	30.8	25.9	38.9

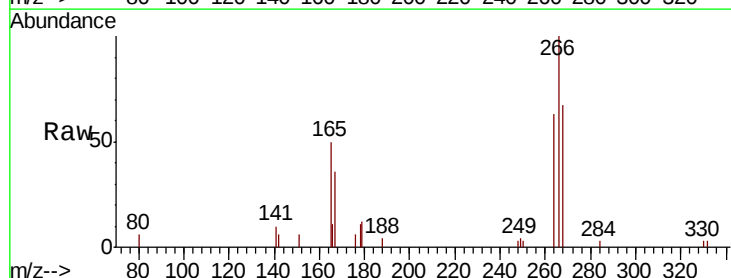


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

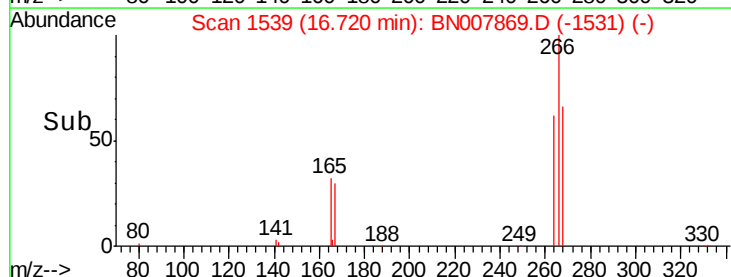
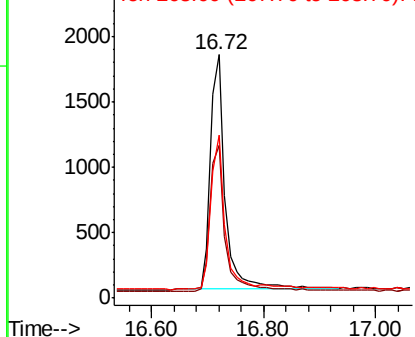


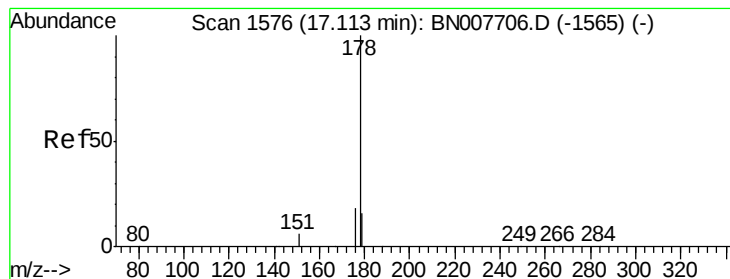
#22
Pentachlorophenol
Concen: 0.447 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007869.D
Acq: 26 Sep 2019 01:28

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.0	75.0
268	66.9	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: 0.430 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007869.D

Acq: 26 Sep 2019 01:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

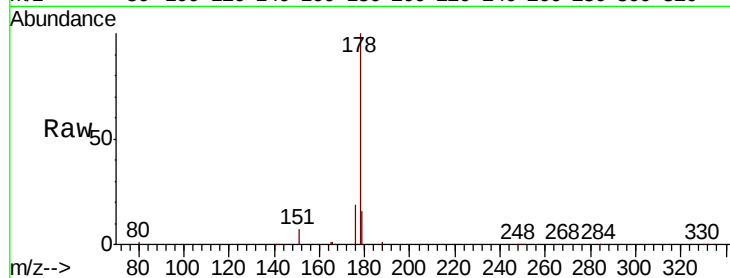
Tot Ion:178 Resp: 40570

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

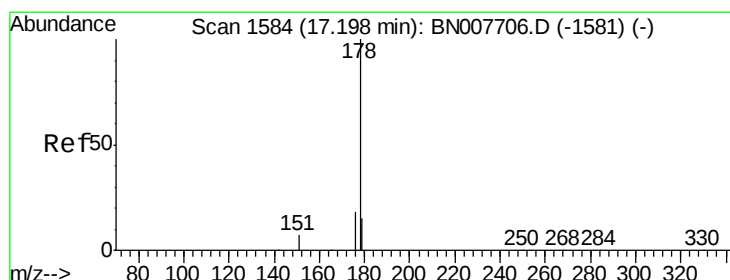
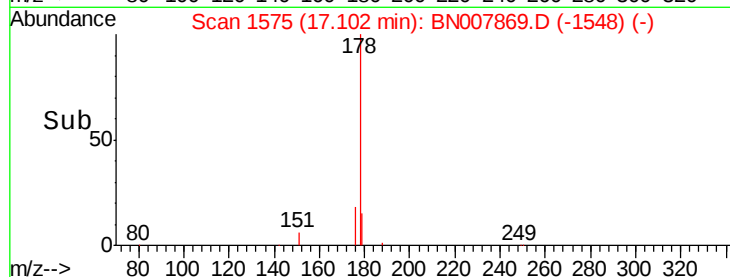
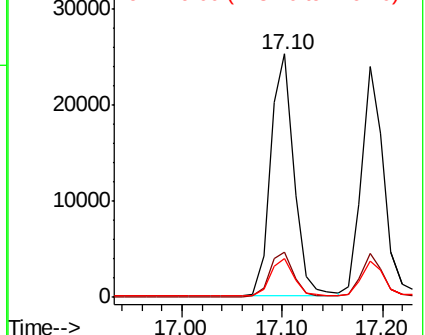
179 15.9 12.5 18.7



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: 0.438 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007869.D

Acq: 26 Sep 2019 01:28

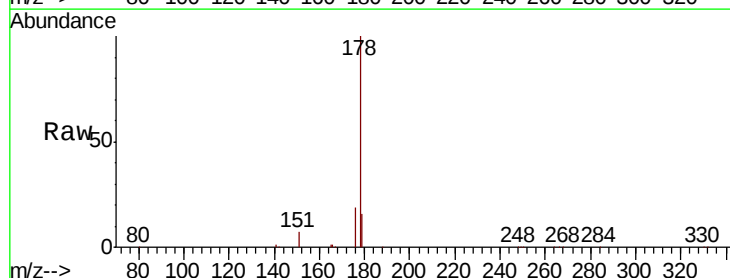
Tgt Ion:178 Resp: 37339

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

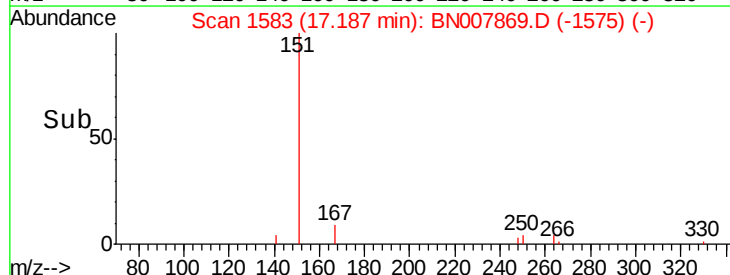
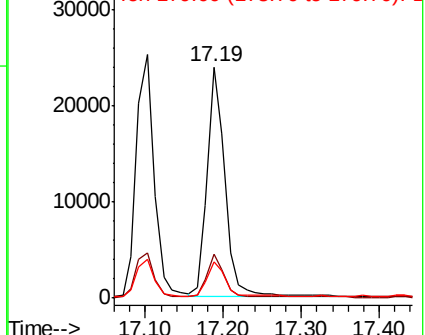
179 14.5 12.2 18.4

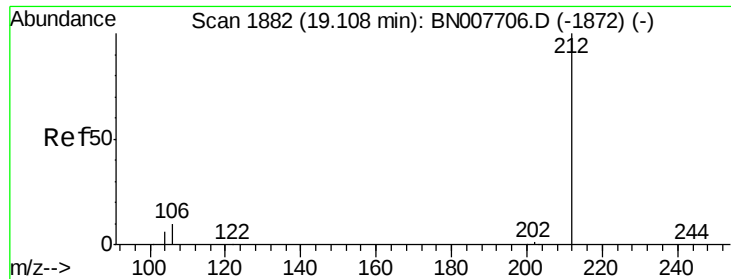


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

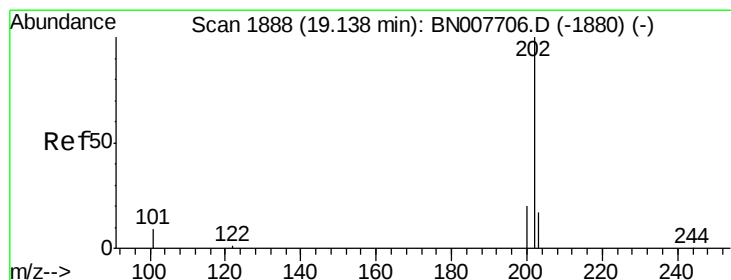
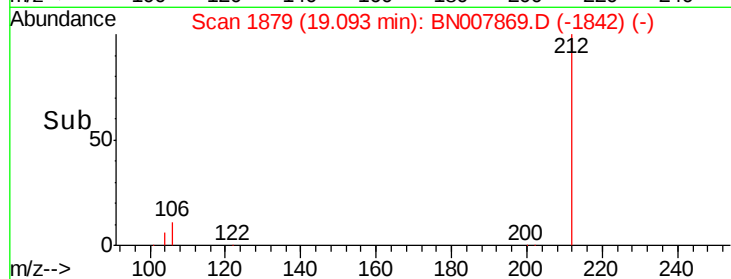
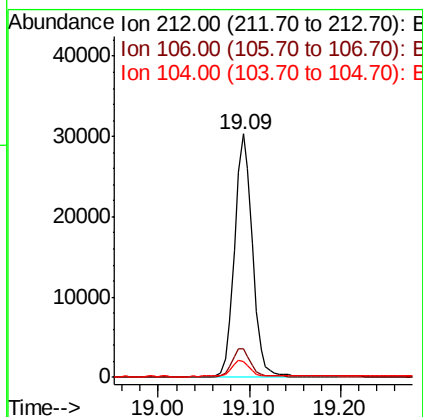
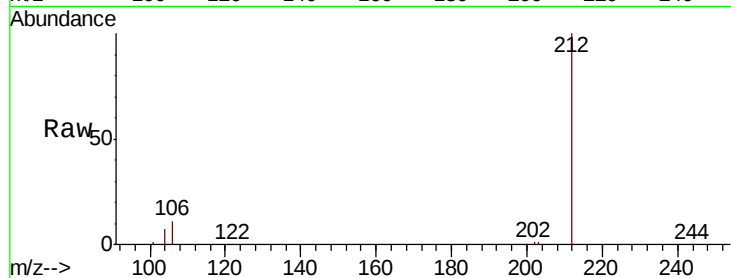




#25
 Fluoranthene-d10
 Concen: 0.407 ng
 RT: 19.09 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BN007869.D
 Acq: 26 Sep 2019 01:28

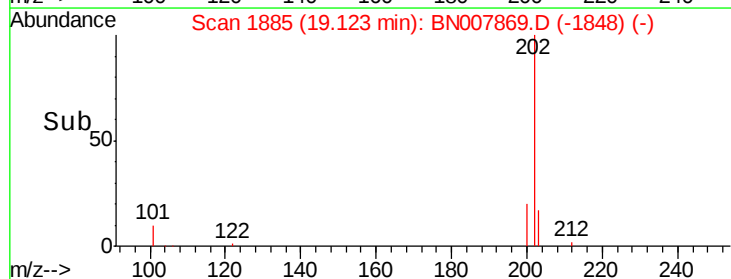
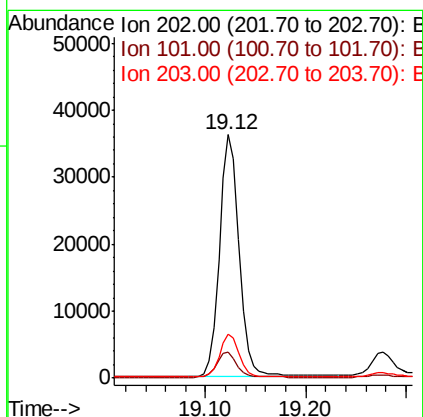
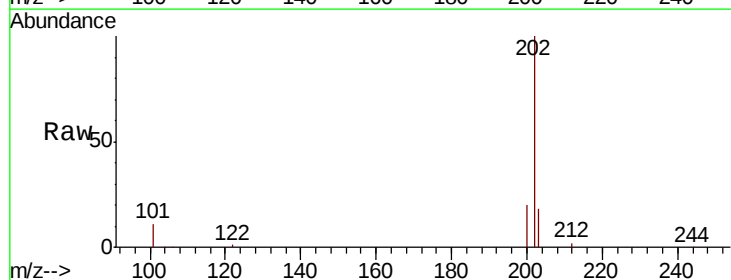
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:212 Resp: 41551
 Ion Ratio Lower Upper
 212 100
 106 11.8 9.4 14.0
 104 6.6 5.3 7.9



#26
 Fluoranthene
 Concen: 0.422 ng
 RT: 19.12 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BN007869.D
 Acq: 26 Sep 2019 01:28

Tgt Ion:202 Resp: 49563
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.4 12.6
 203 17.0 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: BN007869.D

Acq: 26 Sep 2019 01:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

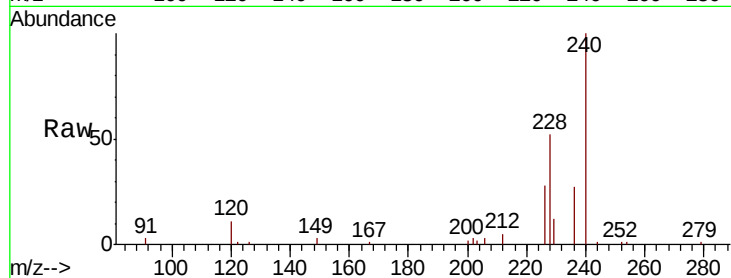
Tot Ion:240 Resp: 34739

Ion Ratio Lower Upper

240 100

120 10.8 5.4 8.2#

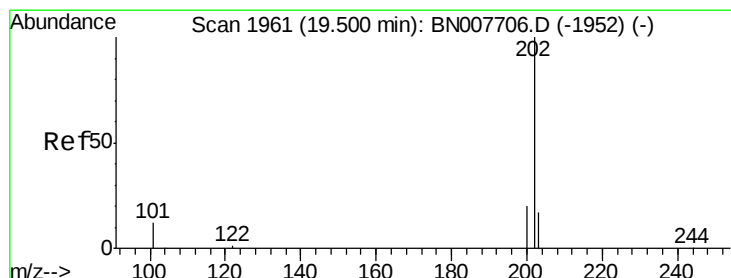
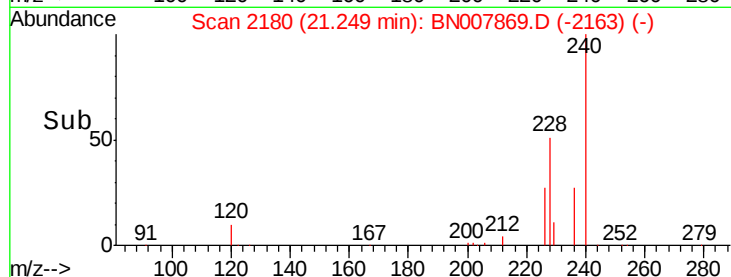
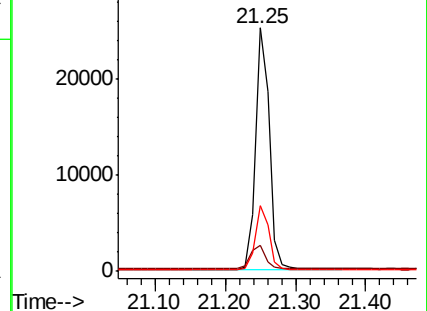
236 27.2 21.0 31.4



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: 0.436 ng

RT: 19.49 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BN007869.D

Acq: 26 Sep 2019 01:28

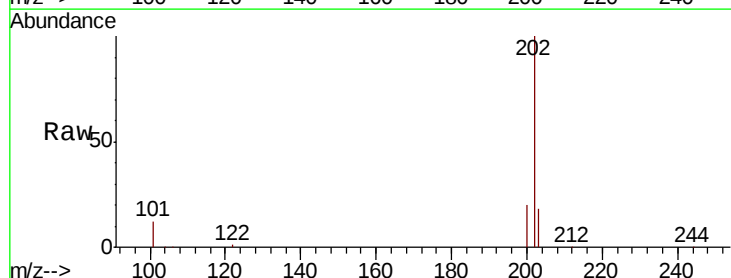
Tgt Ion:202 Resp: 51696

Ion Ratio Lower Upper

202 100

200 20.7 16.4 24.6

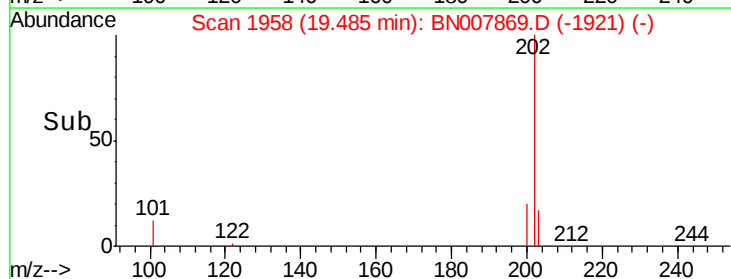
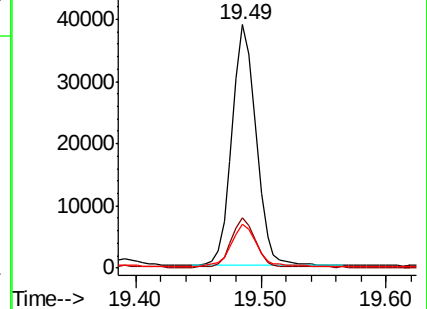
203 19.0 14.1 21.1

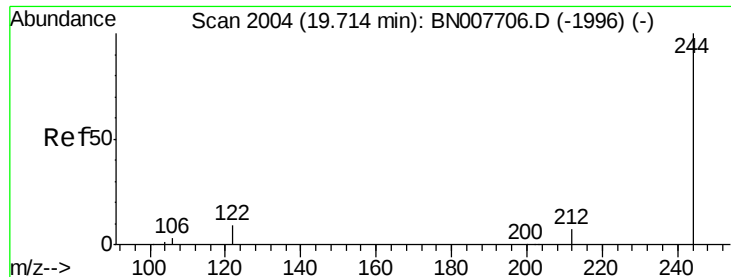


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.420 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007869.D

Acq: 26 Sep 2019 01:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

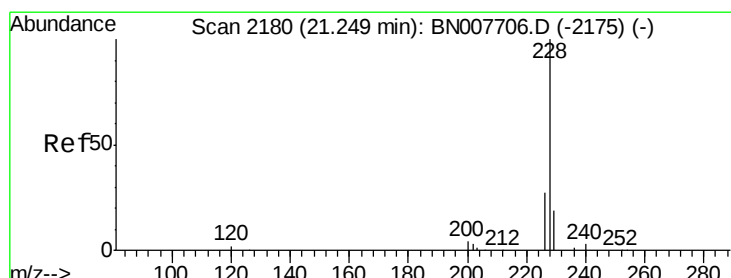
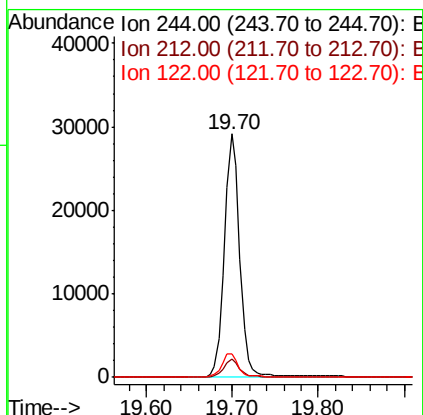
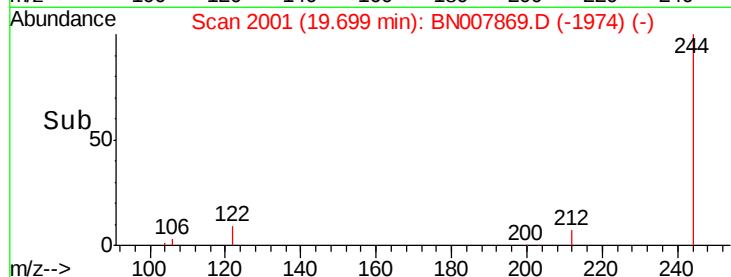
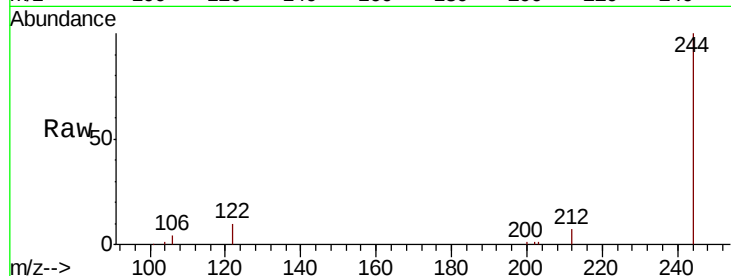
Tot Ion:244 Resp: 35860

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 9.7 7.4 11.2



#30

Benzo(a)anthracene

Concen: 0.419 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007869.D

Acq: 26 Sep 2019 01:28

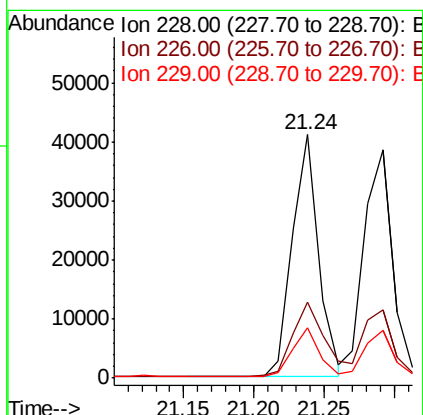
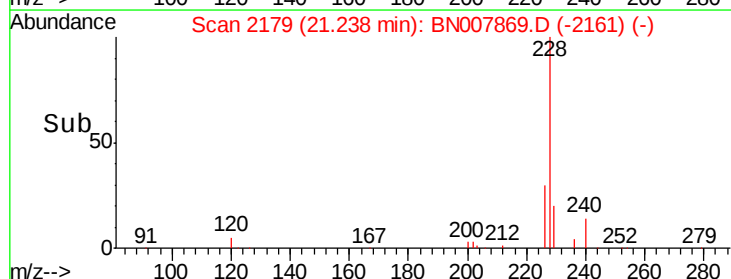
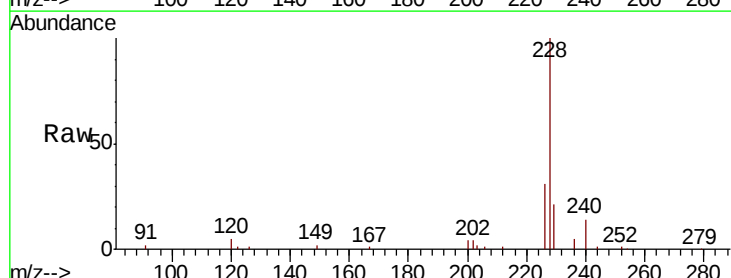
Tgt Ion:228 Resp: 53616

Ion Ratio Lower Upper

228 100

226 30.9 22.1 33.1

229 20.6 15.8 23.6





#31

Chrysene

Concen: 0.431 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007869.D

Acq: 26 Sep 2019 01:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

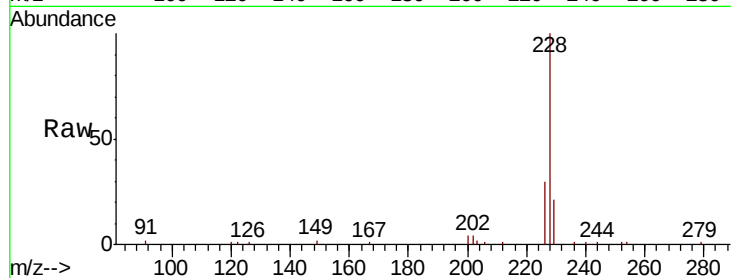
Tot Ion:228 Resp: 53709

Ion Ratio Lower Upper

228 100

226 29.6 23.9 35.9

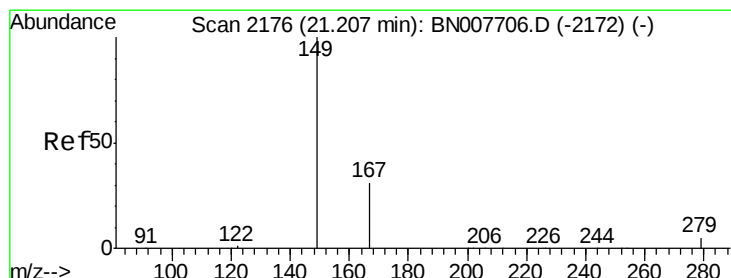
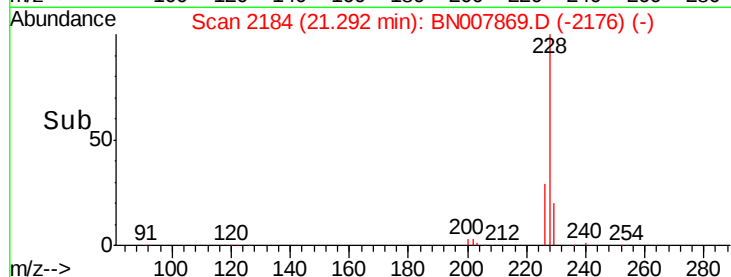
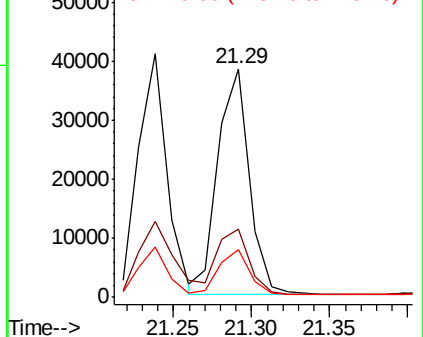
229 20.6 15.8 23.6



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: 0.394 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007869.D

Acq: 26 Sep 2019 01:28

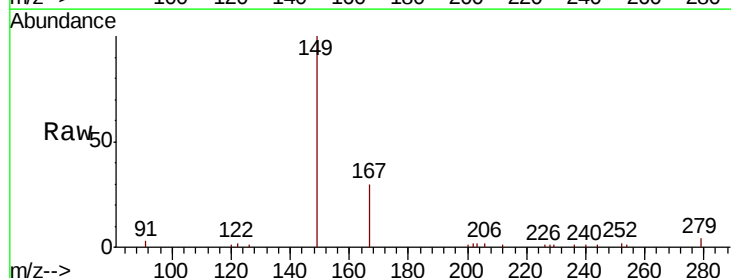
Tgt Ion:149 Resp: 25907

Ion Ratio Lower Upper

149 100

167 29.9 23.7 35.5

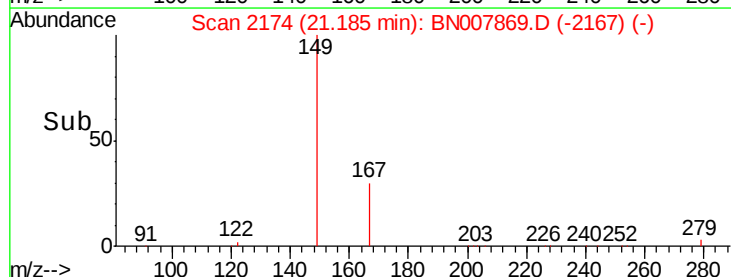
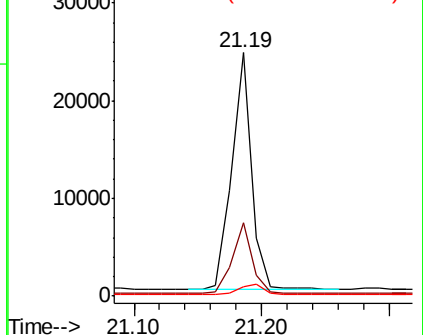
279 5.4 4.2 6.2



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

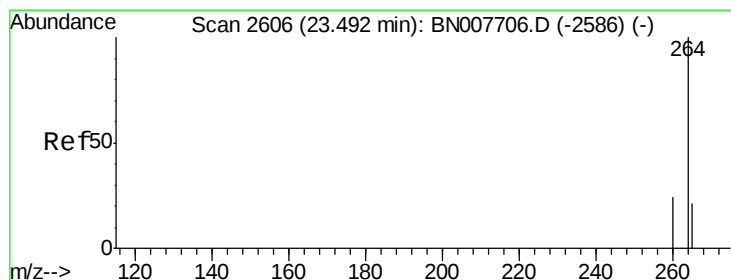
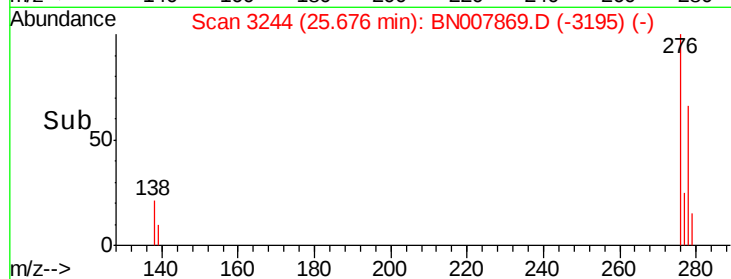
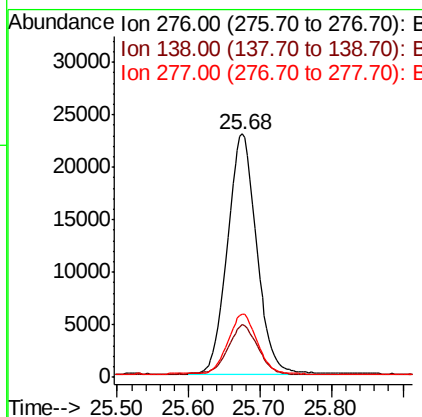
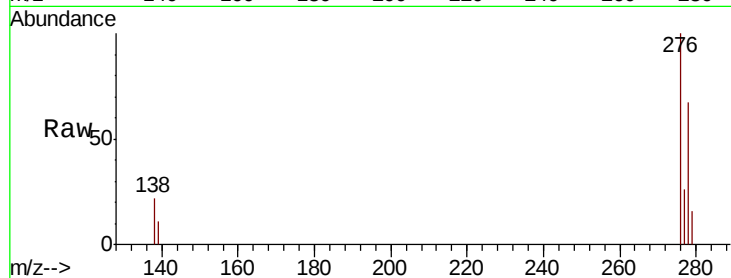




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.415 ng
 RT: 25.68 min Scan# 3244
 Delta R.T. -0.03 min
 Lab File: BN007869.D
 Acq: 26 Sep 2019 01:28

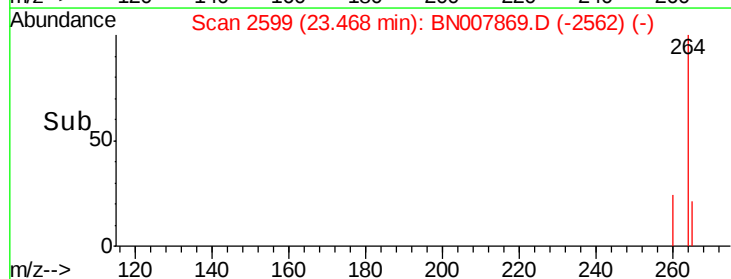
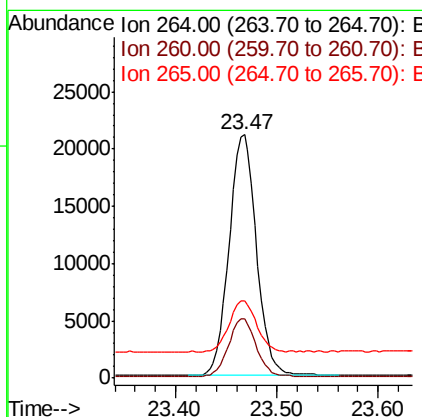
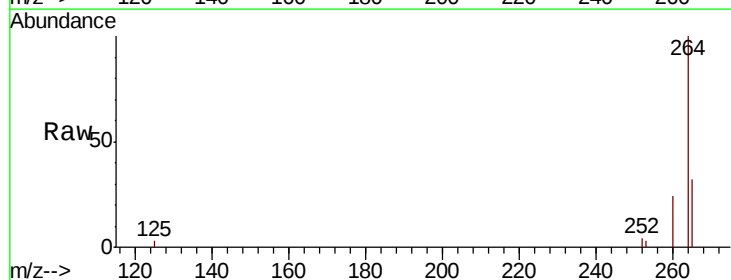
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:276 Resp: 64848
 Ion Ratio Lower Upper
 276 100
 138 21.9 17.1 25.7
 277 24.9 20.0 30.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.47 min Scan# 2599
 Delta R.T. -0.02 min
 Lab File: BN007869.D
 Acq: 26 Sep 2019 01:28

Tgt Ion:264 Resp: 39453
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 31.7 26.9 40.3

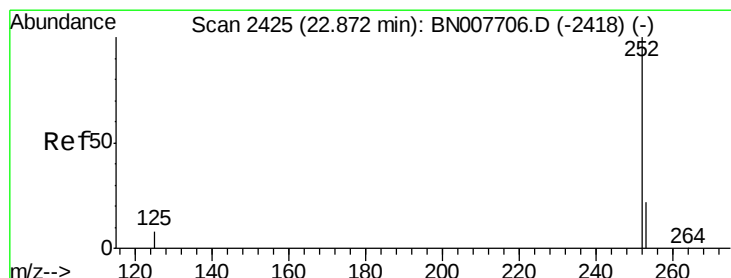
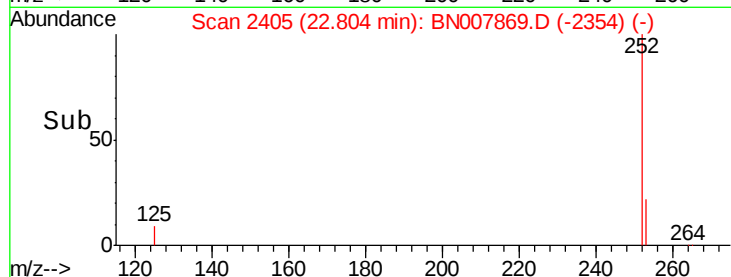
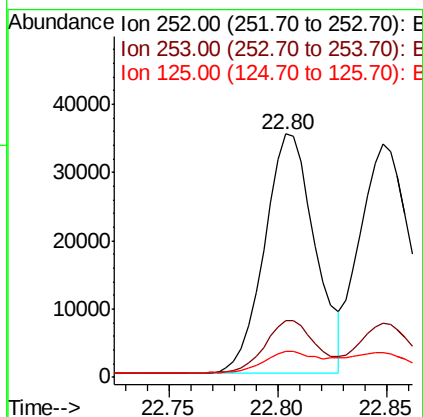
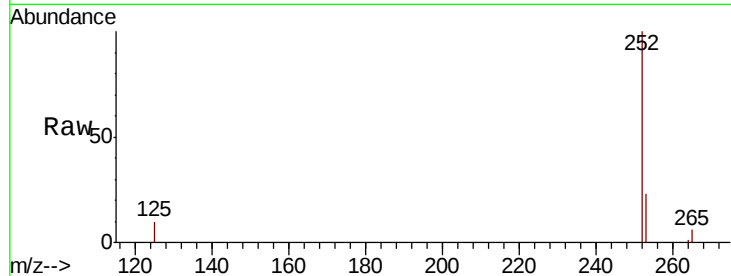




#35
Benzo(b)fluoranthene
Concen: 0.414 ng
RT: 22.80 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BN007869.D
Acq: 26 Sep 2019 01:28

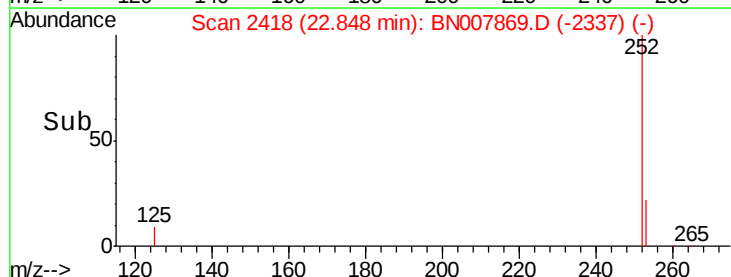
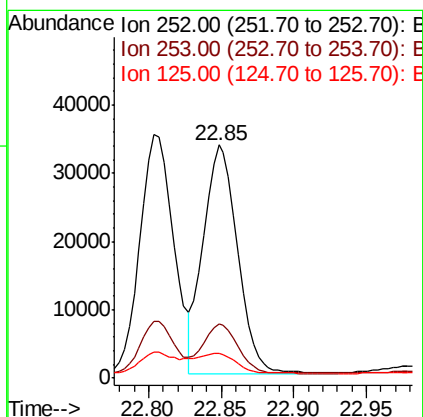
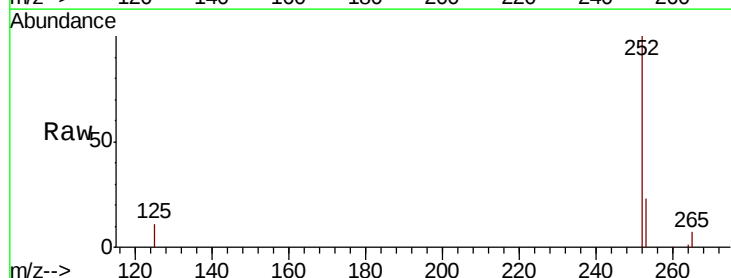
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

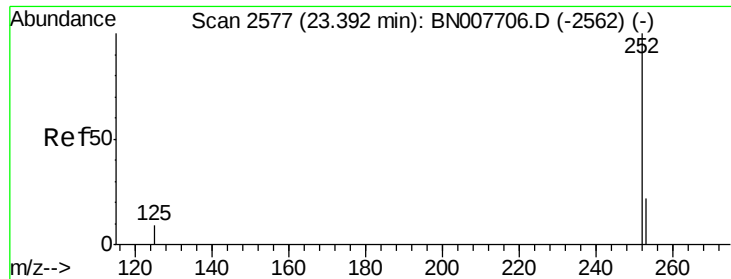
Tot Ion:252 Resp: 56679
Ion Ratio Lower Upper
252 100
253 23.1 18.3 27.5
125 10.4 8.2 12.4



#36
Benzo(k)fluoranthene
Concen: 0.411 ng
RT: 22.85 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BN007869.D
Acq: 26 Sep 2019 01:28

Tgt Ion:252 Resp: 55721
Ion Ratio Lower Upper
252 100
253 23.5 18.5 27.7
125 10.6 8.4 12.6





#37

Benzo(a)pyrene

Concen: 0.414 ng

RT: 23.37 min Scan# 2570

Delta R.T. -0.02 min

Lab File: BN007869.D

Acq: 26 Sep 2019 01:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

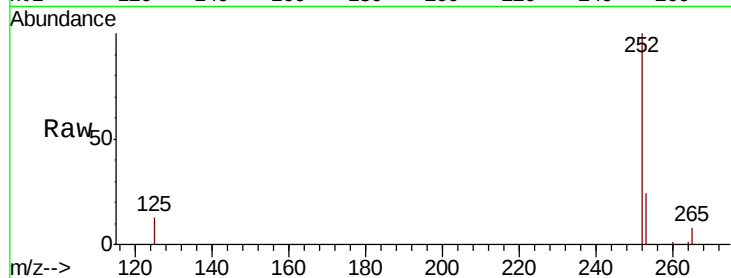
Tot Ion:252 Resp: 53312

Ion Ratio Lower Upper

252 100

253 23.6 18.6 27.8

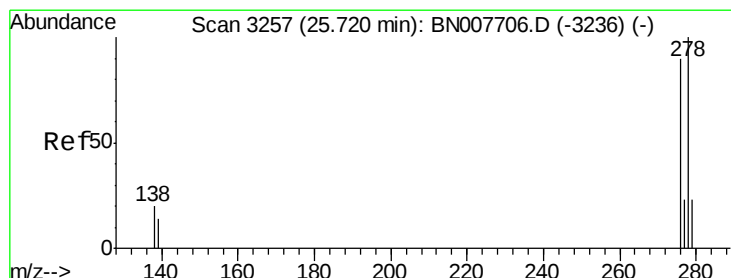
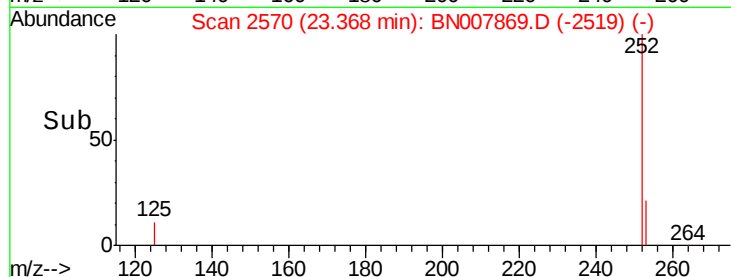
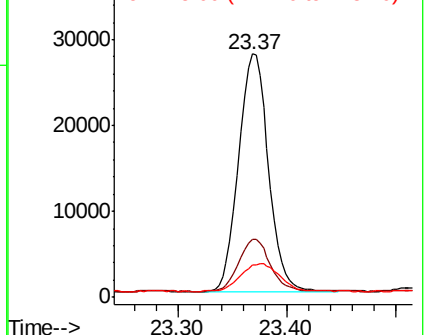
125 13.1 9.4 14.0



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: 0.398 ng

RT: 25.69 min Scan# 3247

Delta R.T. -0.03 min

Lab File: BN007869.D

Acq: 26 Sep 2019 01:28

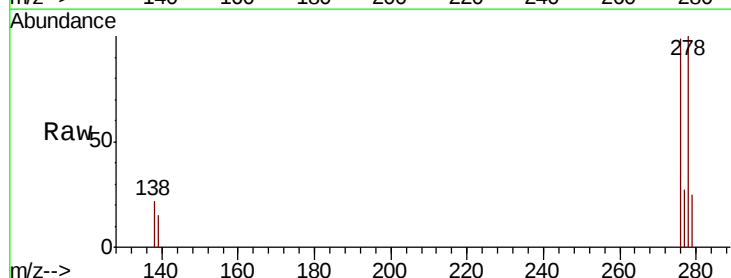
Tgt Ion:278 Resp: 52373

Ion Ratio Lower Upper

278 100

139 15.1 11.8 17.6

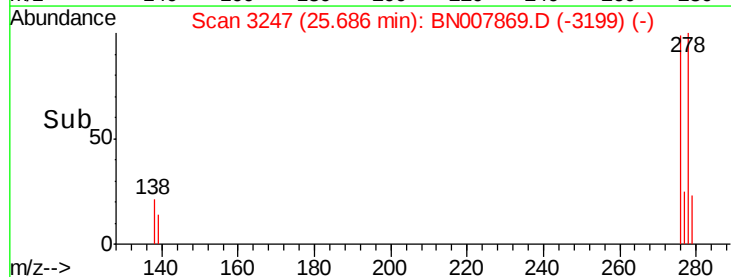
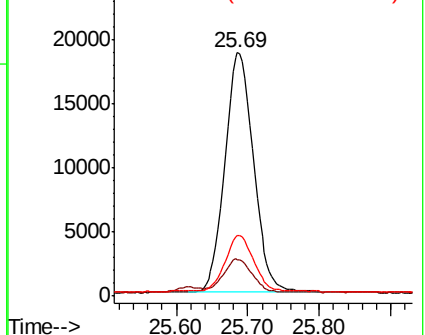
279 25.1 19.4 29.2

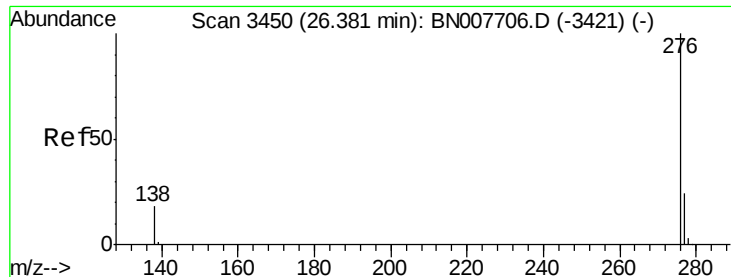


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.415 ng

RT: 26.35 min Scan# 3440

Delta R.T. -0.03 min

Lab File: BN007869.D

Acq: 26 Sep 2019 01:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

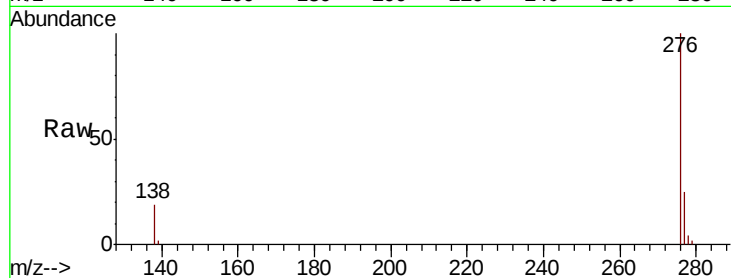
Tot Ion: 276 Resp: 54071

Ion Ratio Lower Upper

276 100

277 25.1 19.8 29.8

138 19.4 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

