

Data File : BN007909.D
Acq On : 30 Sep 2019 23:48
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 01 07:44:52 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	6441	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	25822	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	15037	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	30703	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	35599	0.40	ng	-0.01
34) Perylene-d12	23.47	264	38748	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	7955	0.36	ng	0.00
5) Phenol-d6	6.87	99	10446	0.38	ng	0.00
8) Nitrobenzene-d5	8.83	82	9031	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	17936	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	2667	0.33	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	24617	0.40	ng	-0.01
25) Fluoranthene-d10	19.09	212	42711	0.41	ng	-0.02
29) Terphenyl-d14	19.70	244	37447	0.43	ng	-0.02

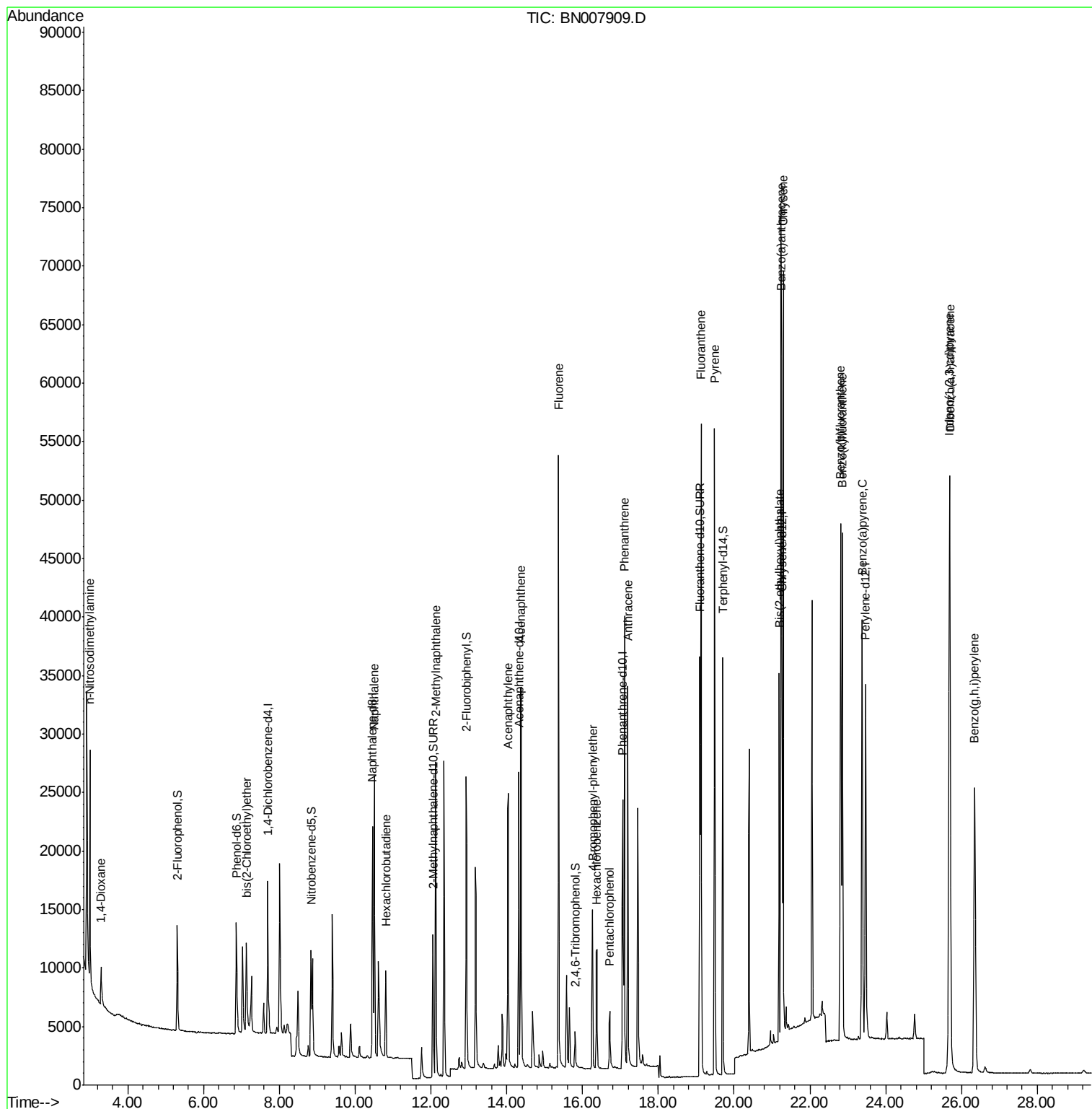
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	2748	0.383	ng	# 80
3) n-Nitrosodimethylamine	3.00	42	2355	0.716	ng	# 84
6) bis(2-Chloroethyl)ether	7.13	93	7941	0.435	ng	95
9) Naphthalene	10.51	128	30517	0.421	ng	100
10) Hexachlorobutadiene	10.81	225	6606	0.433	ng	# 100
12) 2-Methylnaphthalene	12.13	142	20382	0.416	ng	100
16) Acenaphthylene	14.03	152	31398	0.394	ng	100
17) Acenaphthene	14.38	154	19449	0.378	ng	96
18) Fluorene	15.36	166	25029	0.380	ng	100
20) 4-Bromophenyl-phenylether	16.26	248	8055	0.432	ng	100
21) Hexachlorobenzene	16.38	284	9225	0.453	ng	99
22) Pentachlorophenol	16.72	266	3064	0.408	ng	99
23) Phenanthrene	17.10	178	40648	0.425	ng	100
24) Anthracene	17.19	178	36401	0.421	ng	100
26) Fluoranthene	19.12	202	49736	0.418	ng	100
28) Pyrene	19.49	202	50884	0.419	ng	100
30) Benzo(a)anthracene	21.24	228	52139	0.398	ng	99
31) Chrysene	21.29	228	54537	0.427	ng	99
32) Bis(2-ethylhexyl)phthalate	21.19	149	24778	0.368	ng	99
33) Indeno(1,2,3-cd)pyrene	25.68	276	63363	0.396	ng	99
35) Benzo(b)fluoranthene	22.81	252	55272	0.411	ng	99
36) Benzo(k)fluoranthene	22.85	252	55097	0.414	ng	100
37) Benzo(a)pyrene	23.38	252	51530	0.408	ng	# 97
38) Dibenzo(a,h)anthracene	25.69	278	51287	0.396	ng	99
39) Benzo(g,h,i)perylene	26.35	276	51413	0.402	ng	99

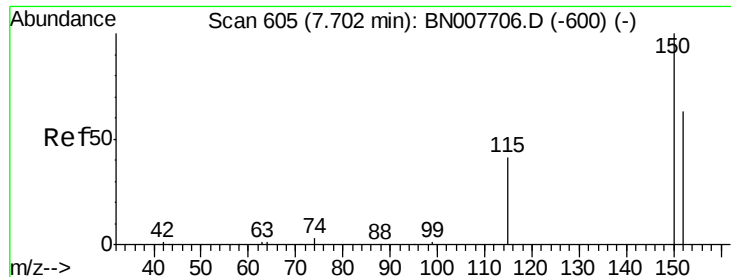
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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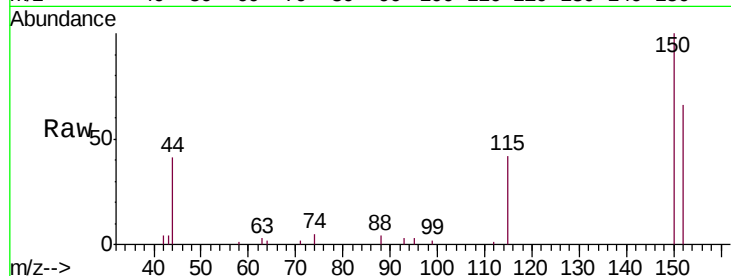


#1

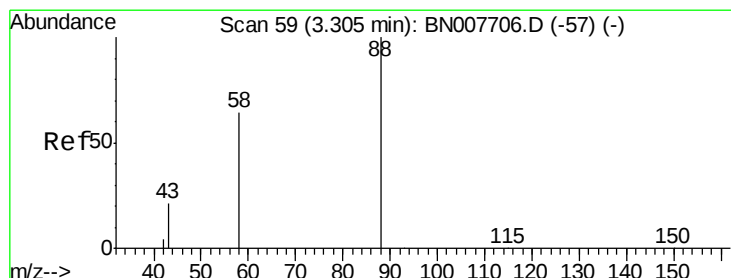
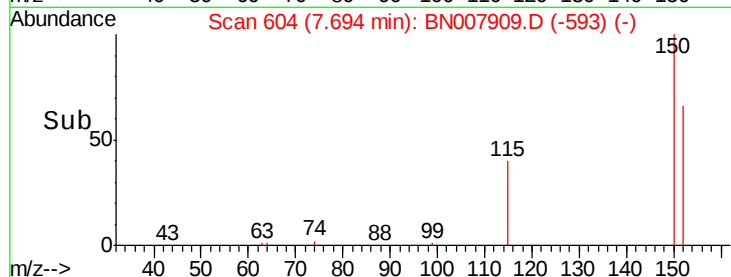
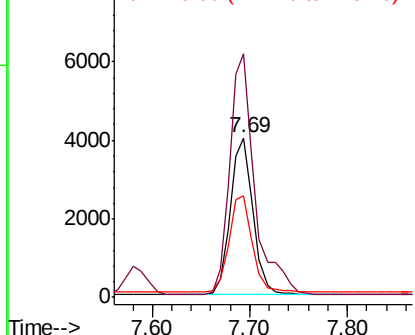
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 6441
Ion Ratio Lower Upper
152 100
150 152.5 125.6 188.4
115 63.3 53.3 79.9



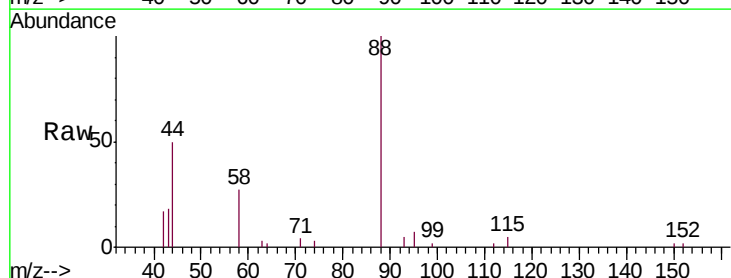
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



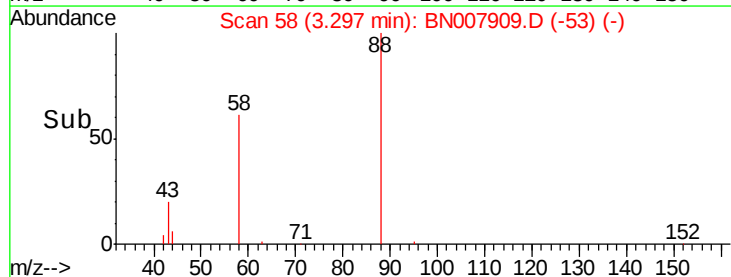
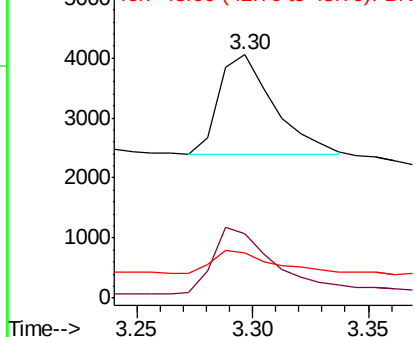
#2

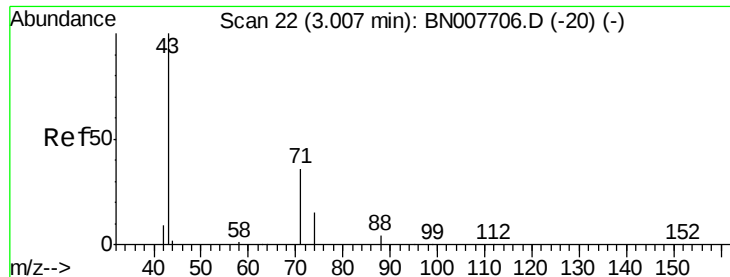
1,4-Dioxane
Concen: 0.383 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Tgt Ion: 88 Resp: 2748
Ion Ratio Lower Upper
88 100
58 72.0 44.6 66.8#
43 22.7 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: 0.716 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

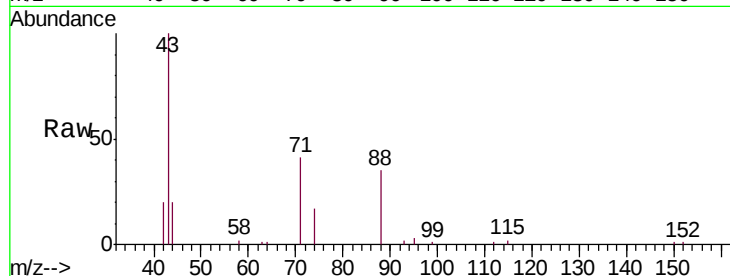
Tgt Ion: 42 Resp: 2355

Ion Ratio Lower Upper

42 100

74 92.7 87.9 131.9

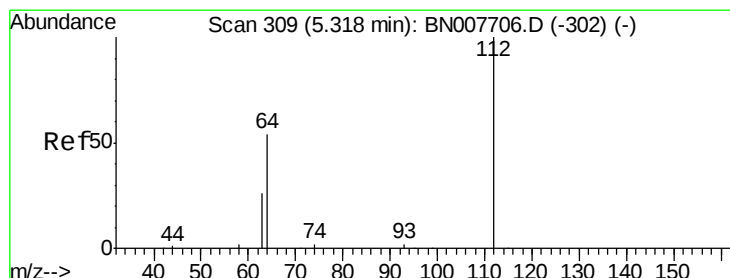
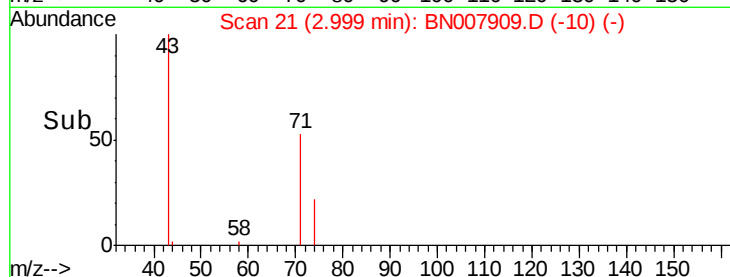
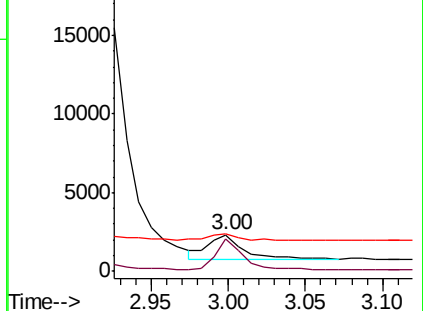
44 27.3 29.4 44.0#



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: 0.359 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

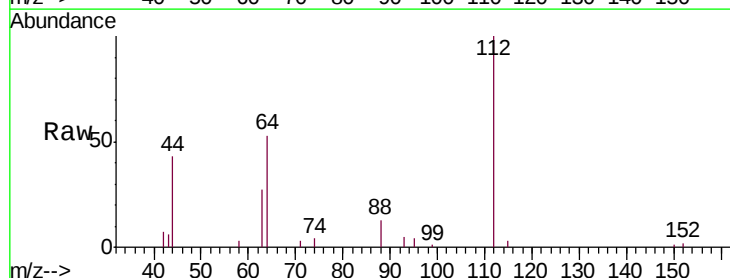
Tgt Ion: 112 Resp: 7955

Ion Ratio Lower Upper

112 100

64 59.5 46.6 70.0

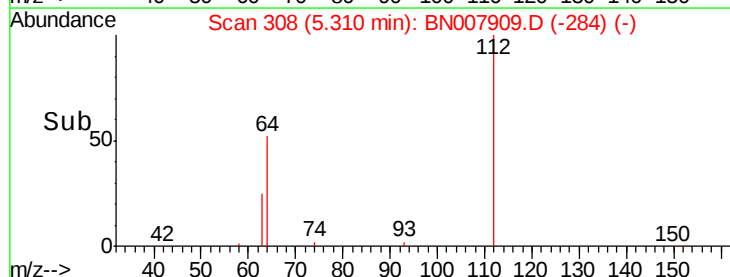
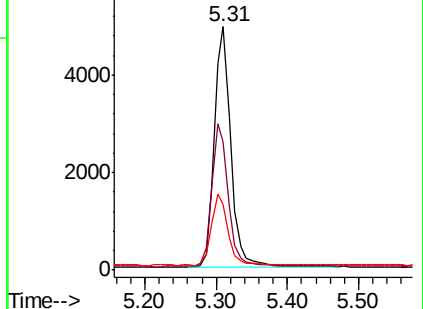
63 29.6 23.1 34.7



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: 0.378 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

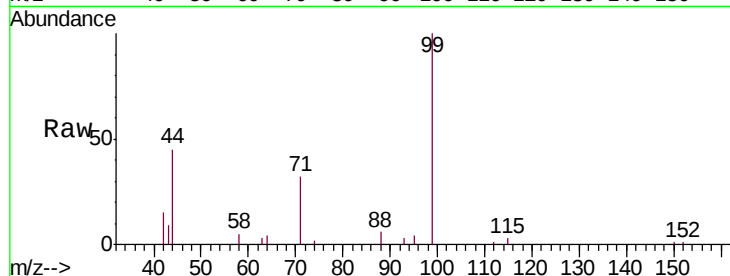
Tgt Ion: 99 Resp: 10446

Ion Ratio Lower Upper

99 100

42 14.7 12.8 19.2

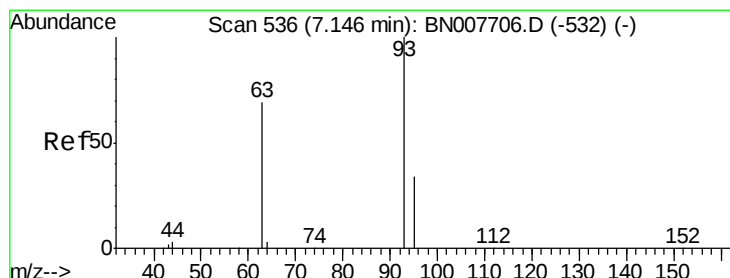
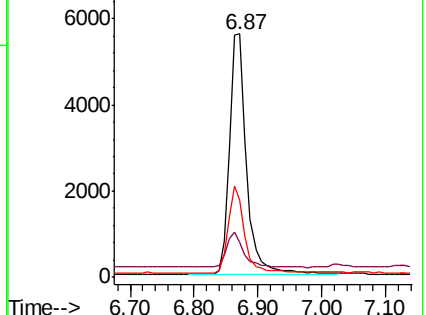
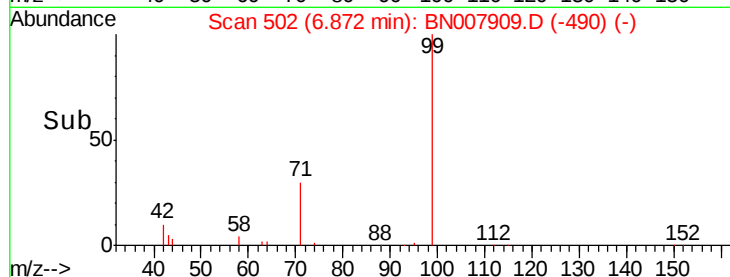
71 34.6 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007706.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BN007706.D (-493) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.435 ng

RT: 7.13 min Scan# 534

Delta R.T. -0.02 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

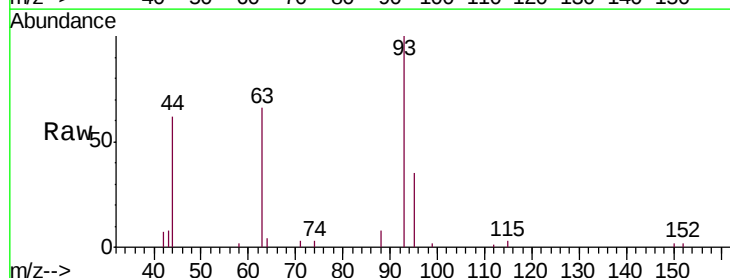
Tgt Ion: 93 Resp: 7941

Ion Ratio Lower Upper

93 100

63 71.7 59.3 88.9

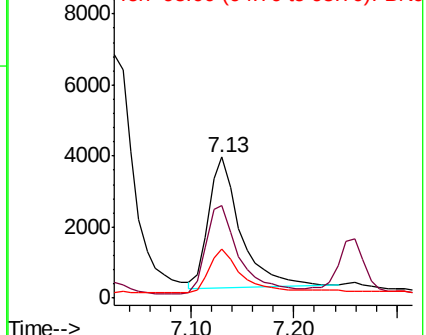
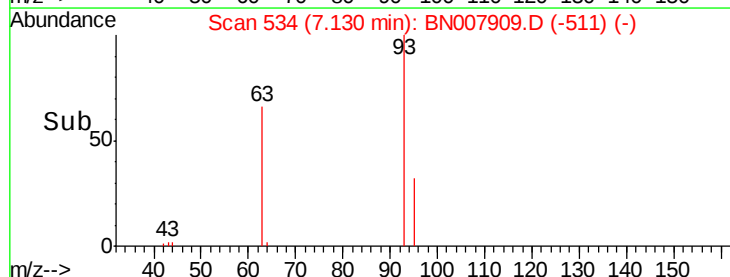
95 33.8 31.4 47.0

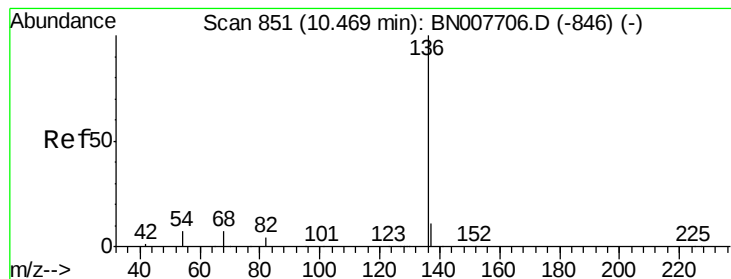


Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-532) (-)

Ion 95.00 (94.70 to 95.70): BN007706.D (-532) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 25822

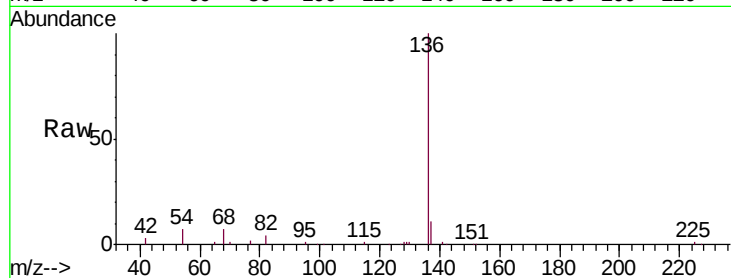
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.7 5.8 8.8

68 7.4 6.5 9.7

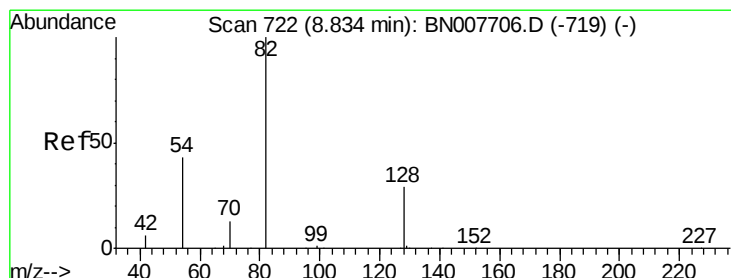
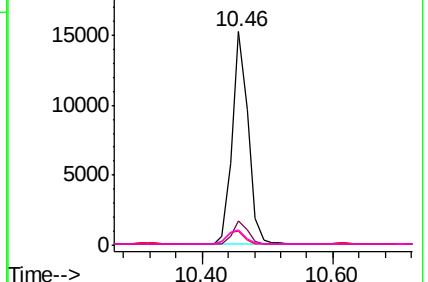
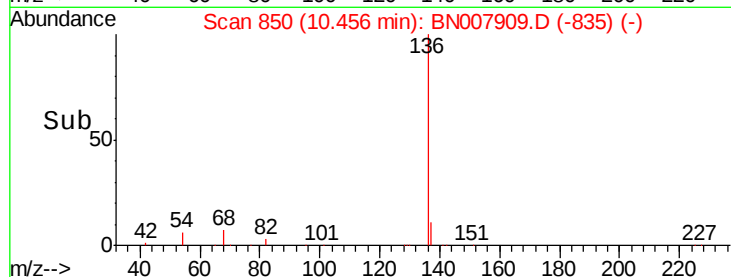


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.400 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

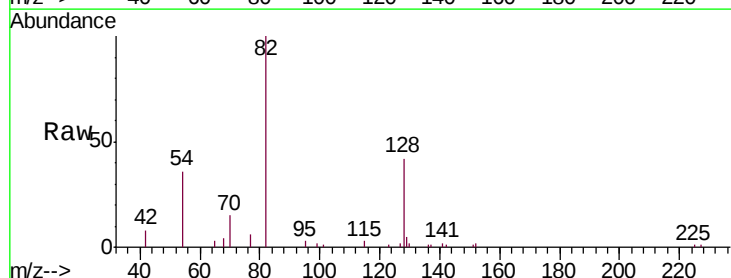
Tgt Ion: 82 Resp: 9031

Ion Ratio Lower Upper

82 100

128 42.1 24.5 36.7#

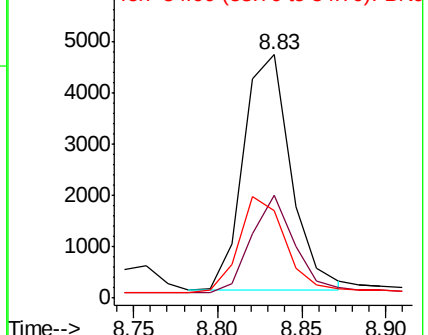
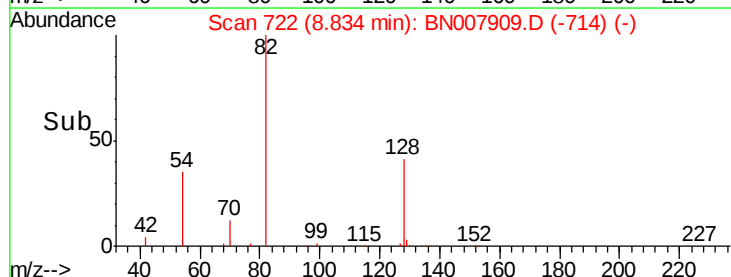
54 35.9 35.2 52.8



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: 0.421 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

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BNA_N

ClientSampleId :

SSTDCCC0.4

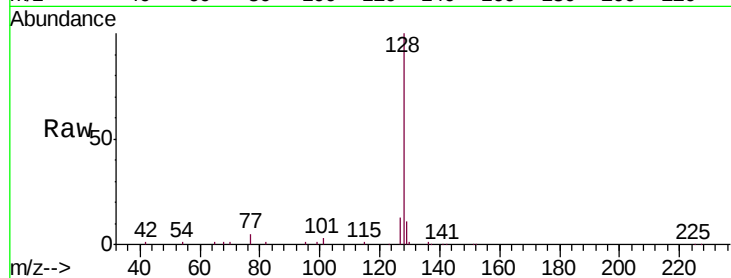
Tgt Ion:128 Resp: 30517

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

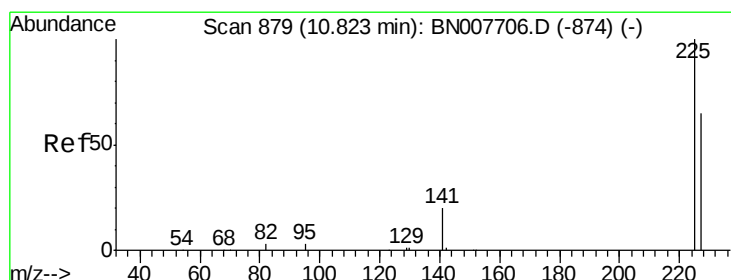
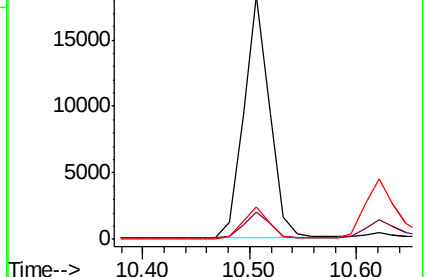
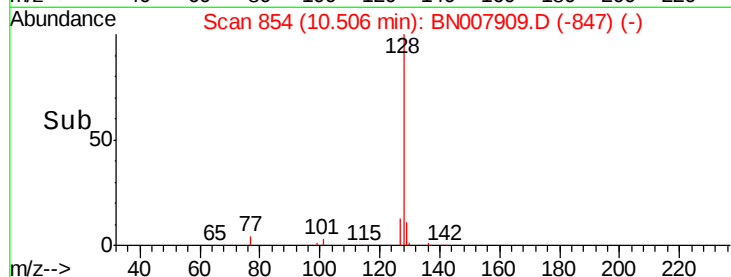
127 13.2 10.6 15.8



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: 0.433 ng

RT: 10.81 min Scan# 878

Delta R.T. -0.01 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

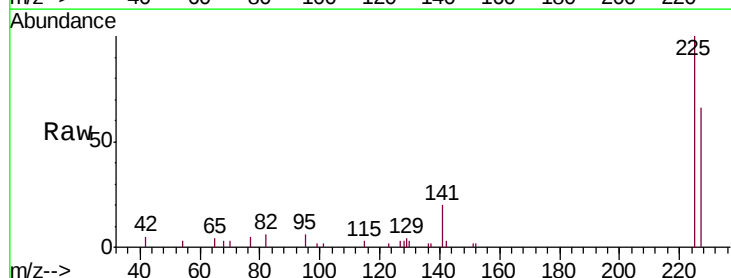
Tgt Ion:225 Resp: 6606

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

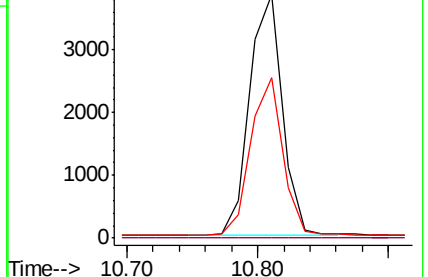
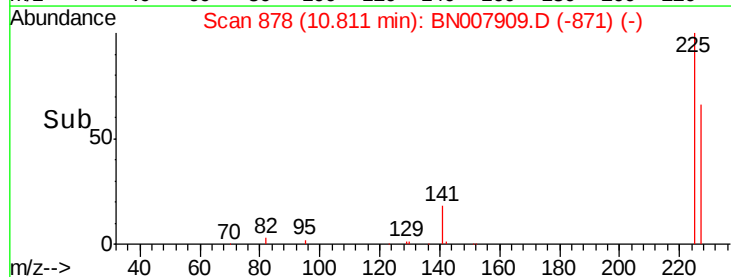
227 64.1 51.2 76.8

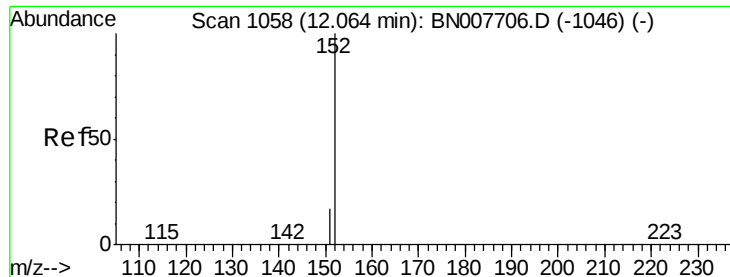


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

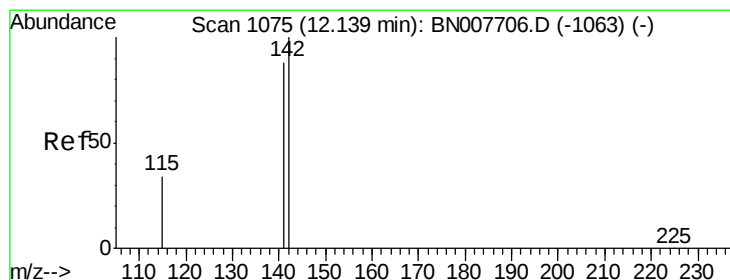
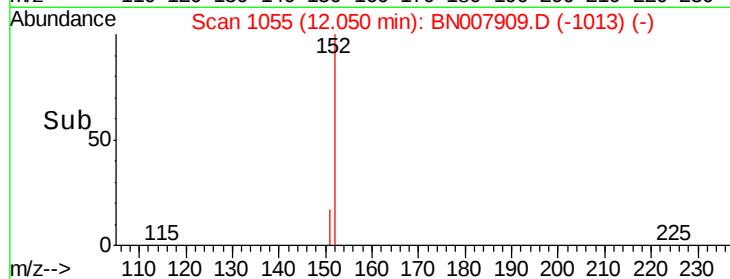
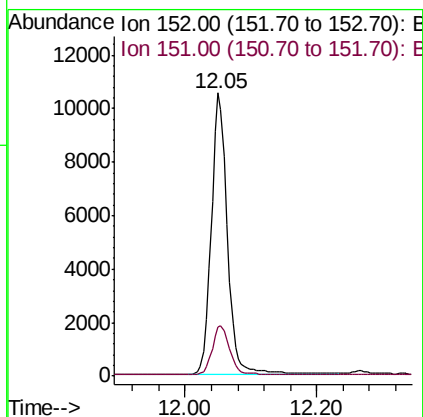
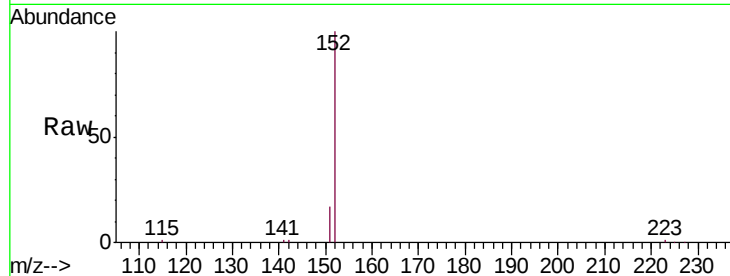




#11
 2-Methylnaphthalene-d10
 Concen: 0.412 ng
 RT: 12.05 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BN007909.D
 Acq: 30 Sep 2019 23:48

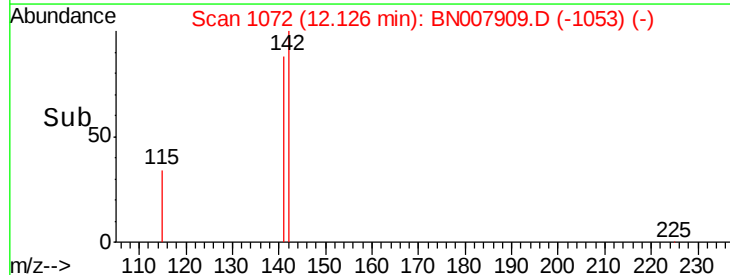
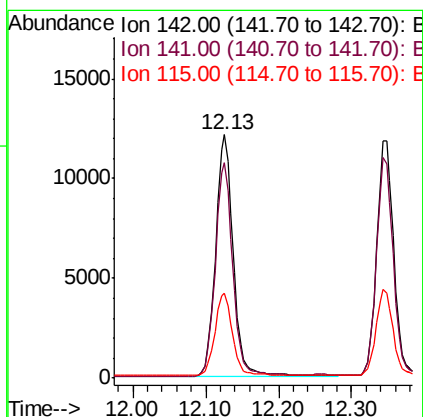
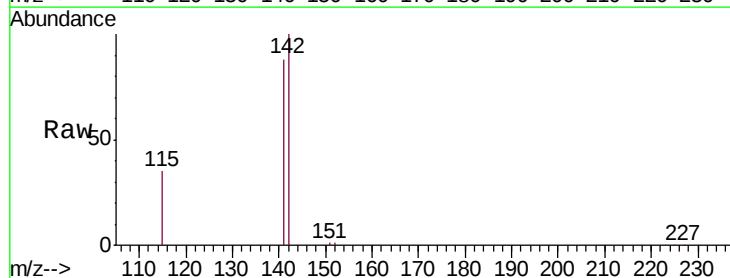
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:152 Resp: 17936
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.416 ng
 RT: 12.13 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BN007909.D
 Acq: 30 Sep 2019 23:48

Tgt Ion:142 Resp: 20382
 Ion Ratio Lower Upper
 142 100
 141 88.3 70.6 106.0
 115 35.0 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: BN007909.D

Acq: 30 Sep 2019 23:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

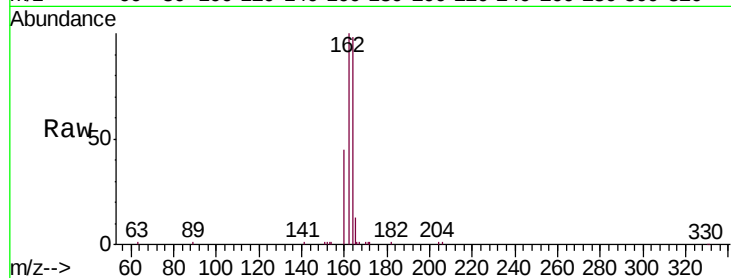
Tgt Ion:164 Resp: 15037

Ion Ratio Lower Upper

164 100

162 102.1 81.7 122.5

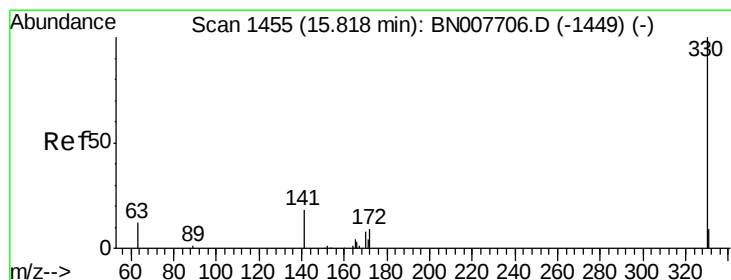
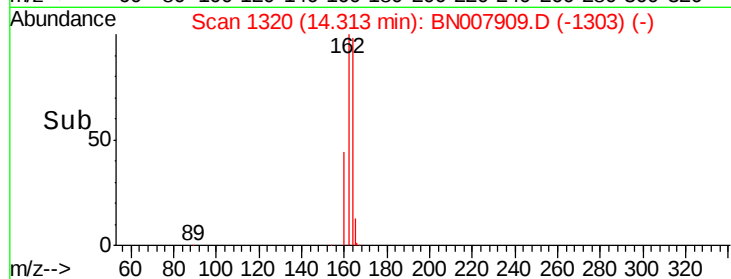
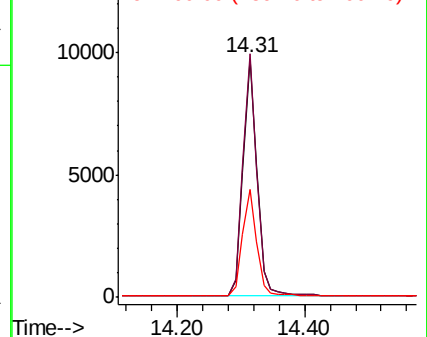
160 45.5 37.0 55.4



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: 0.326 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

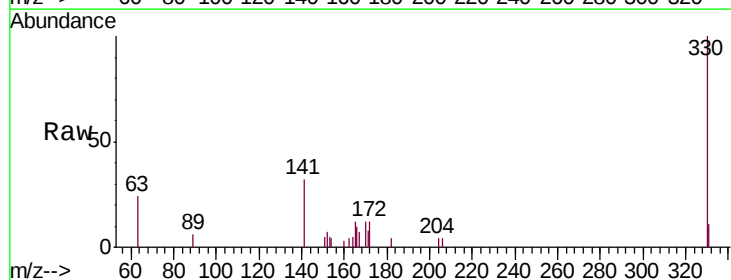
Tgt Ion:330 Resp: 2667

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

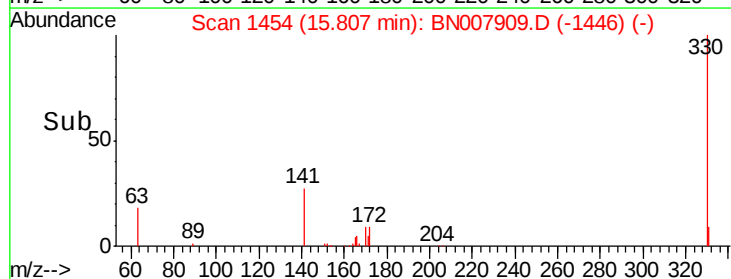
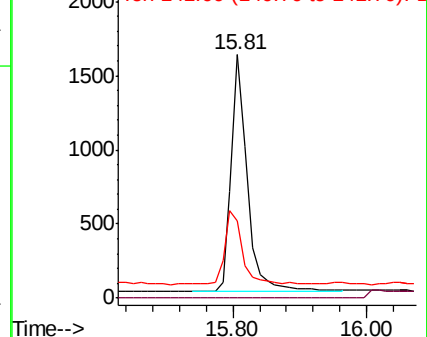
141 33.9 28.7 43.1



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

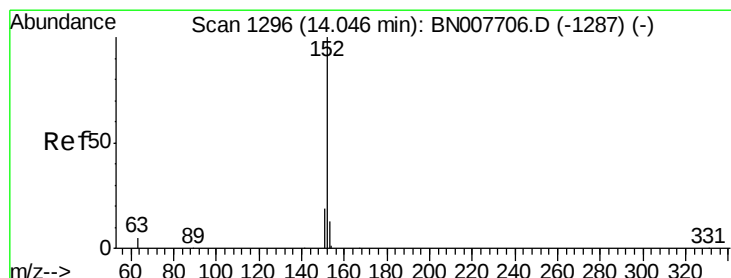
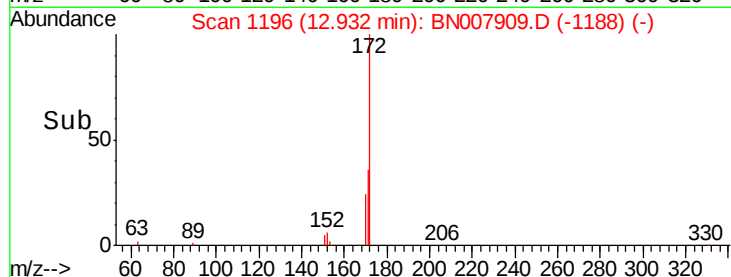
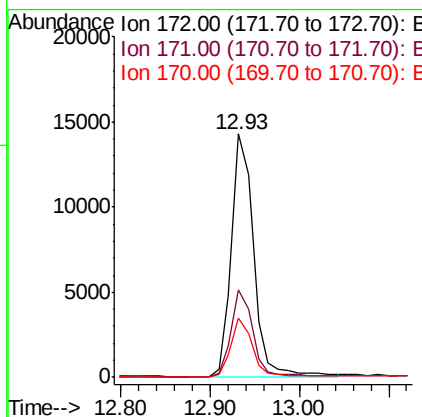
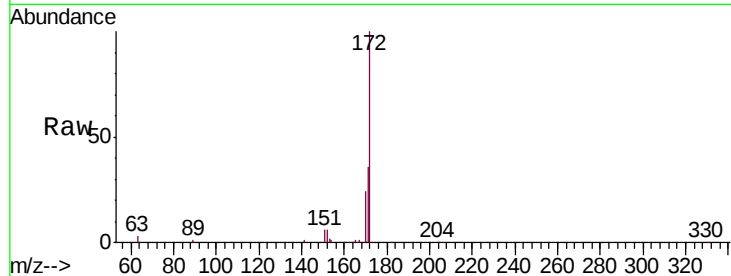




#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

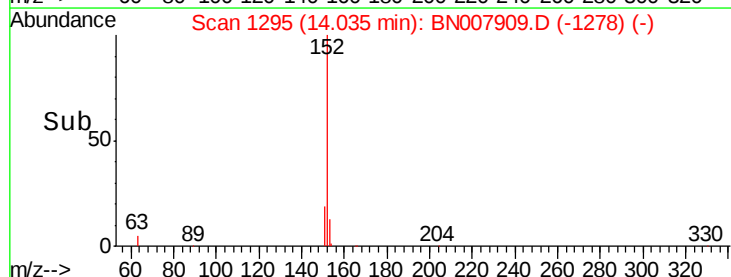
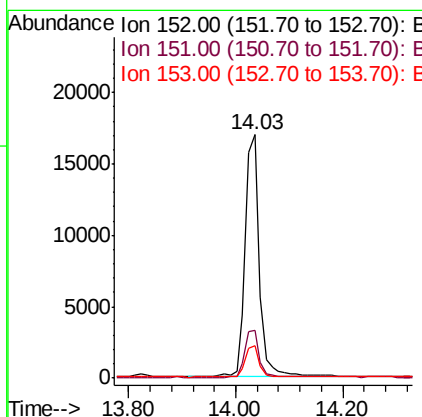
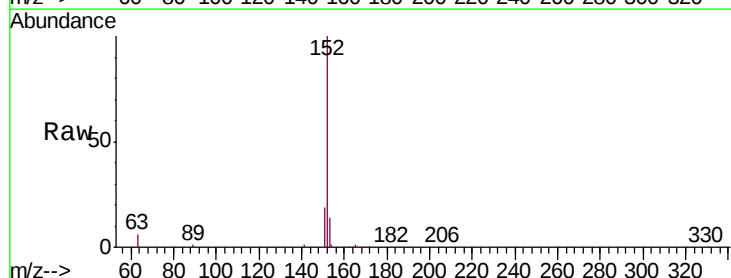
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 24617
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.1 19.5 29.3



#16
Acenaphthylene
Concen: 0.394 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Tgt Ion:152 Resp: 31398
Ion Ratio Lower Upper
152 100
151 19.5 15.5 23.3
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.378 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

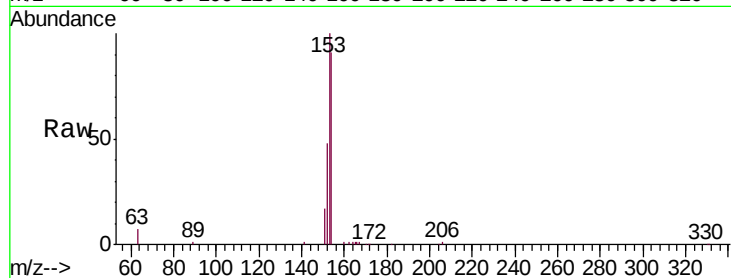
Tgt Ion:154 Resp: 19449

Ion Ratio Lower Upper

154 100

153 114.3 87.0 130.4

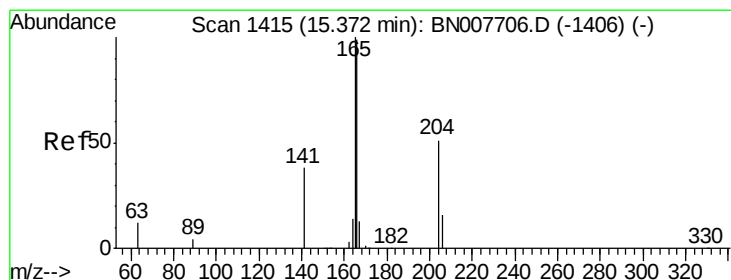
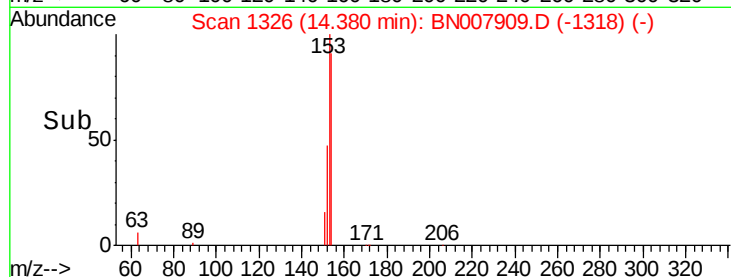
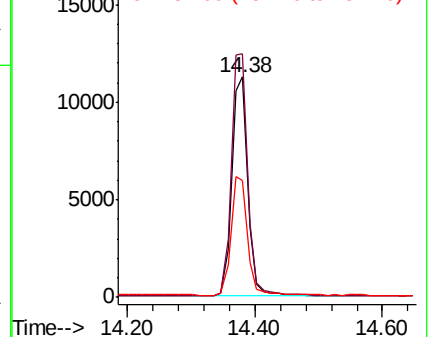
152 55.3 42.7 64.1



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: 0.380 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

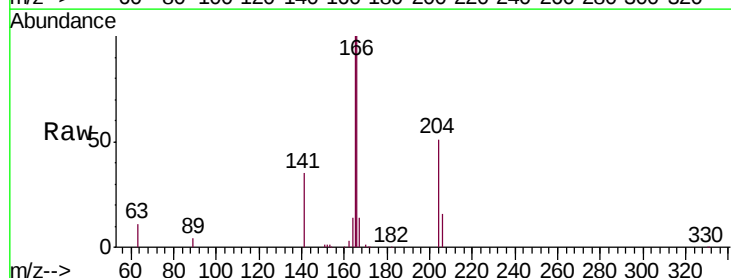
Tgt Ion:166 Resp: 25029

Ion Ratio Lower Upper

166 100

165 97.7 78.0 117.0

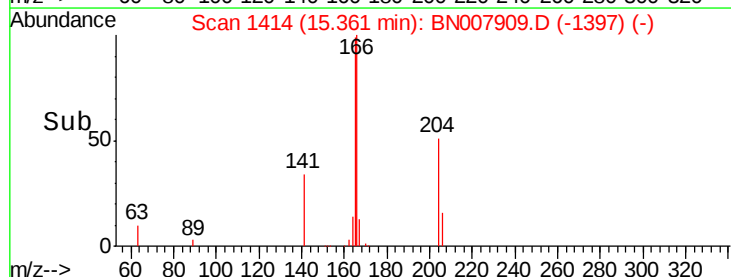
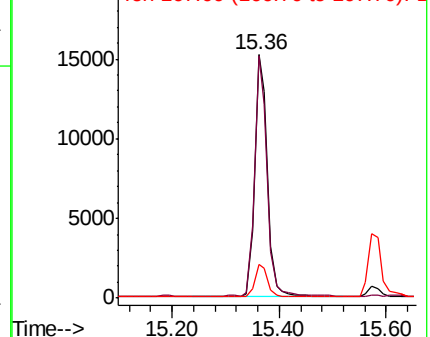
167 13.6 10.9 16.3

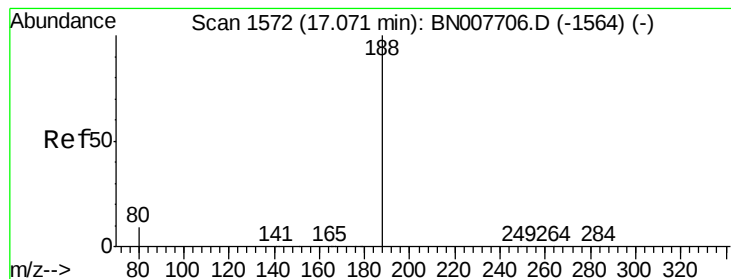


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN007909.D

Acq: 30 Sep 2019 23:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

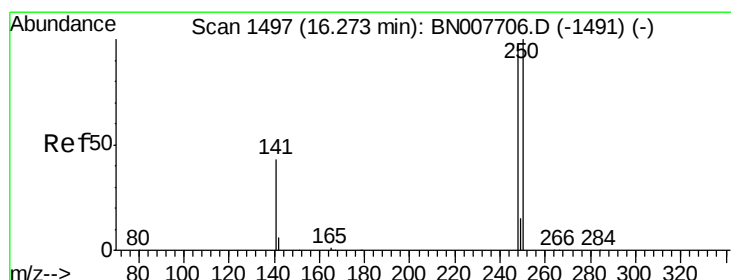
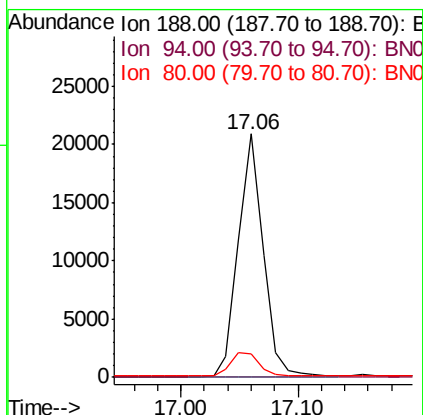
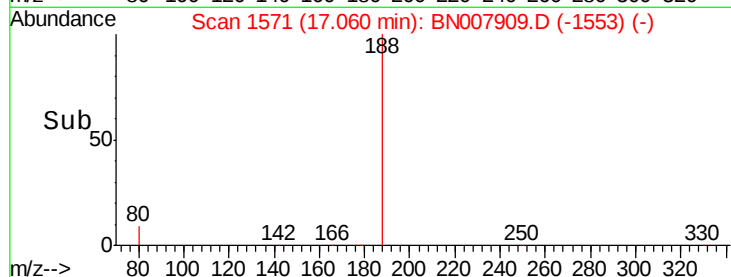
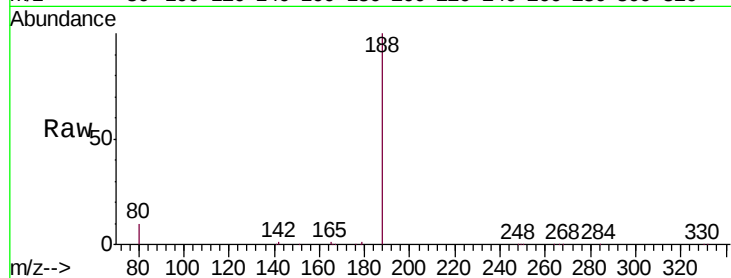
Tgt Ion:188 Resp: 30703

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.8 7.4 11.2



#20

4-Bromophenyl-phenylether

Concen: 0.432 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

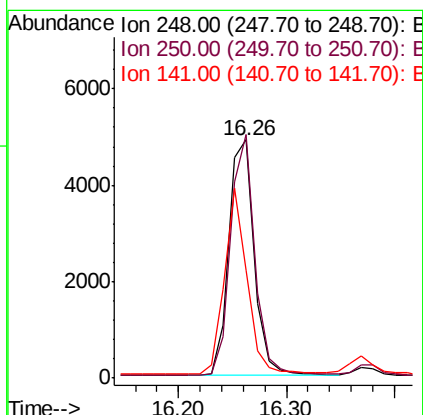
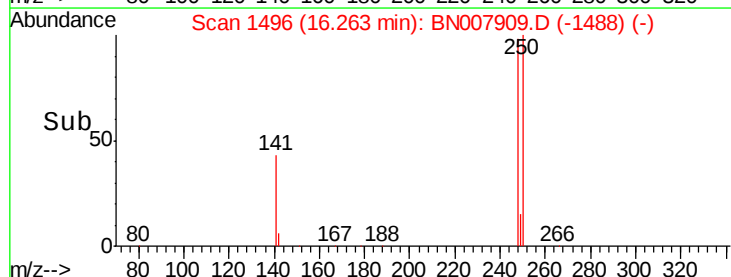
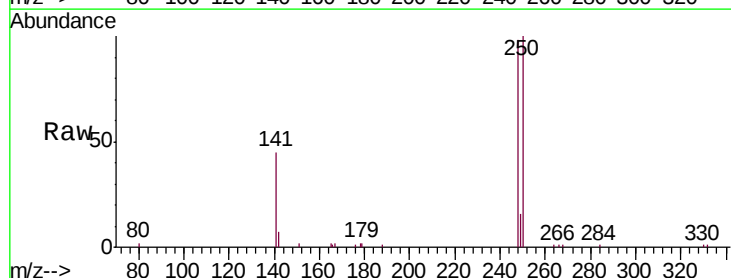
Tgt Ion:248 Resp: 8055

Ion Ratio Lower Upper

248 100

250 102.2 82.2 123.4

141 45.5 36.3 54.5





#21

Hexachlorobenzene

Concen: 0.453 ng

RT: 16.38 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

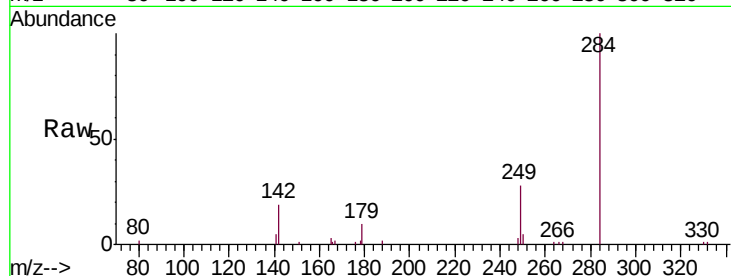
Tgt Ion:284 Resp: 9225

Ion Ratio Lower Upper

284 100

142 32.5 25.8 38.6

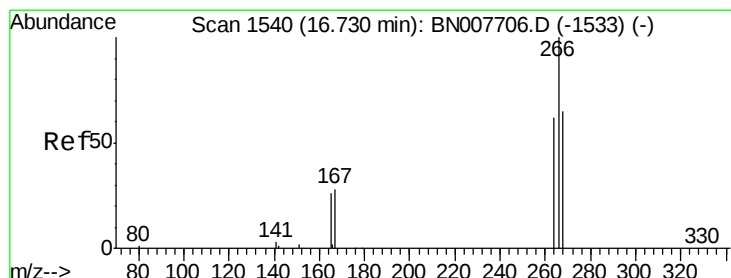
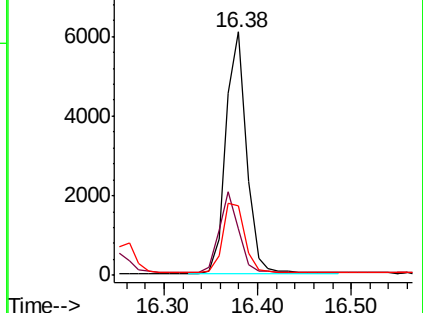
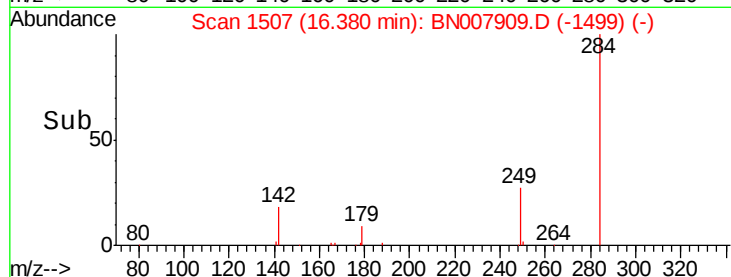
249 31.8 25.9 38.9



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: 0.408 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

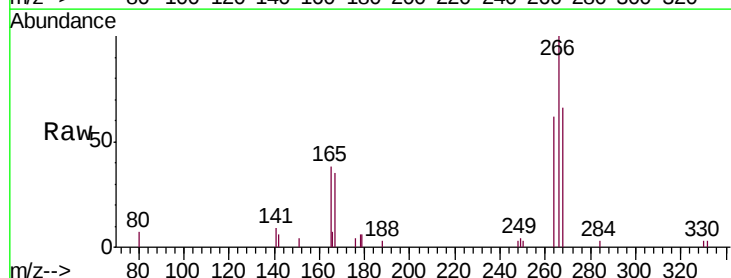
Tgt Ion:266 Resp: 3064

Ion Ratio Lower Upper

266 100

264 62.2 50.0 75.0

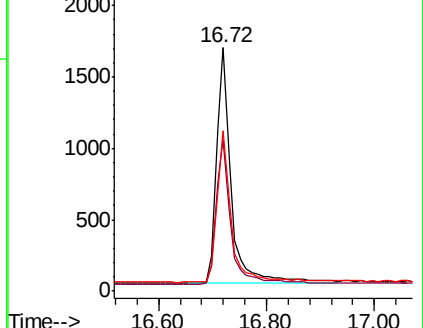
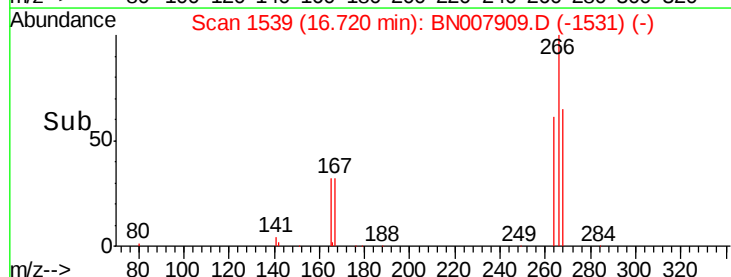
268 65.9 54.2 81.4

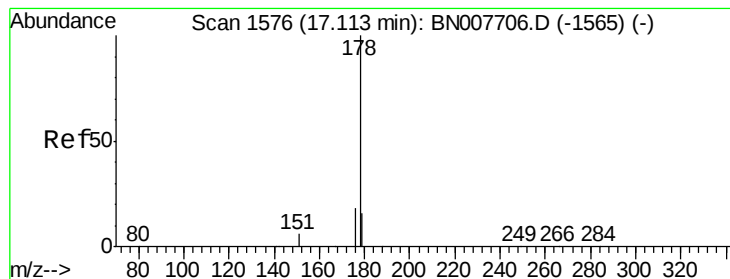


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.425 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

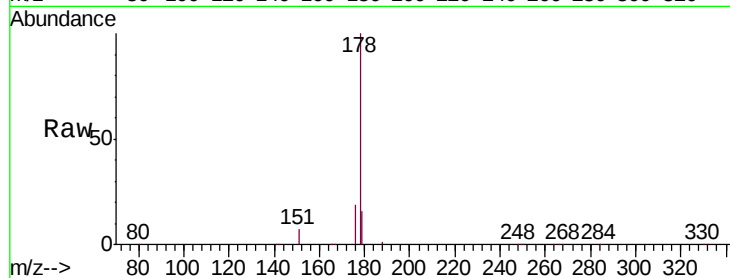
Tgt Ion:178 Resp: 40648

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

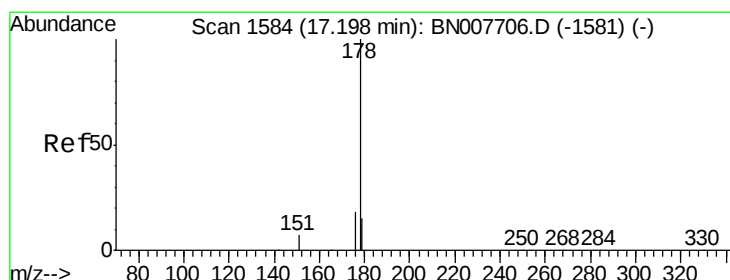
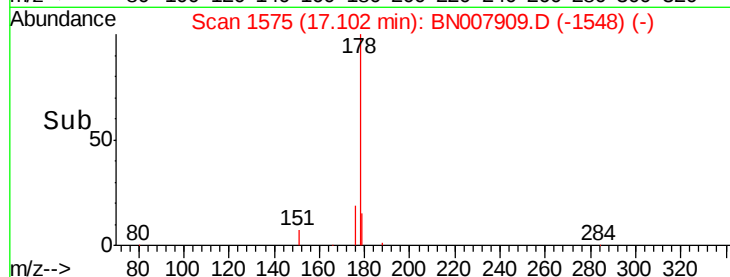
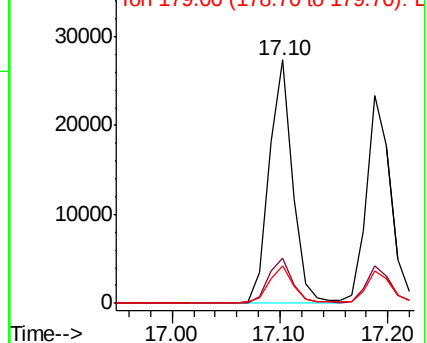
179 15.4 12.5 18.7



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: 0.421 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

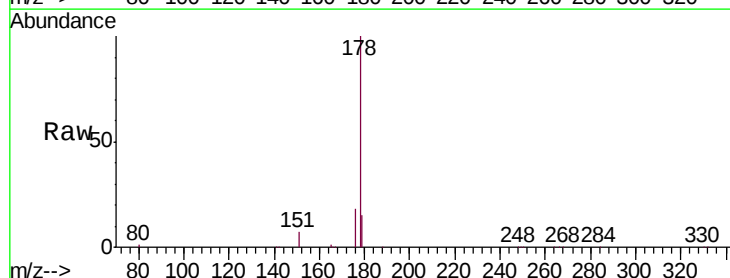
Tgt Ion:178 Resp: 36401

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

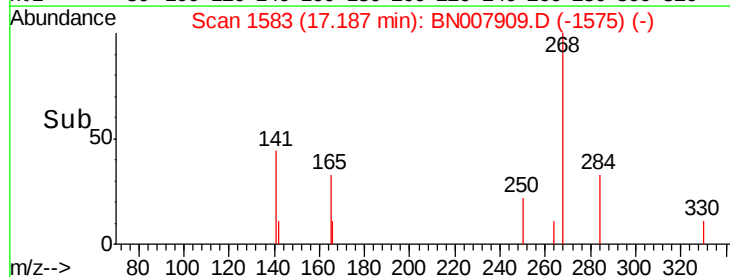
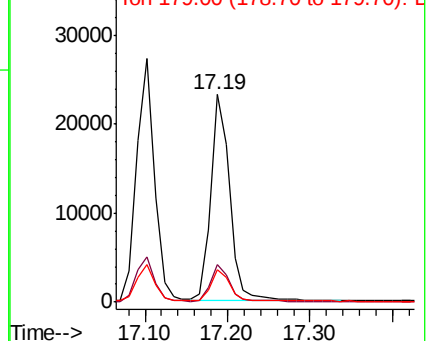
179 15.3 12.2 18.4

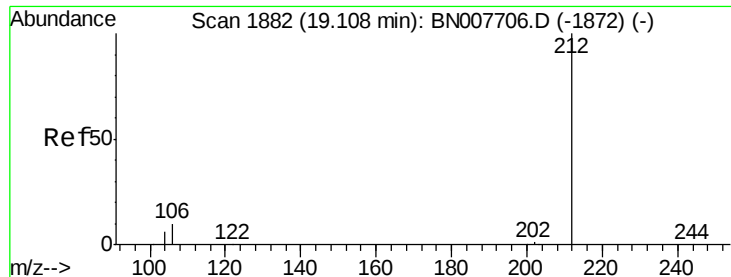


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.413 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

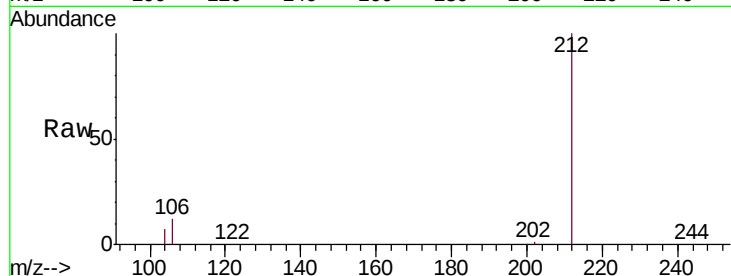
Tgt Ion:212 Resp: 42711

Ion Ratio Lower Upper

212 100

106 11.9 9.4 14.0

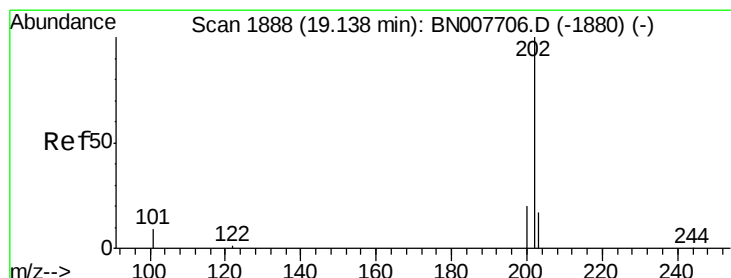
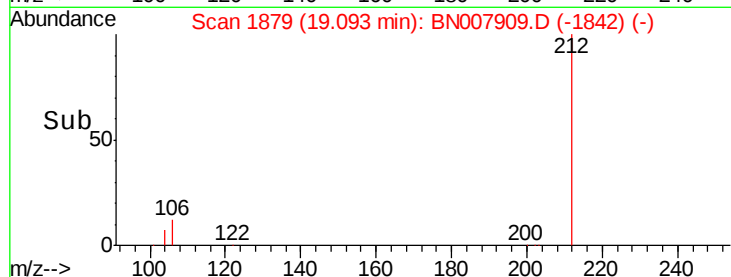
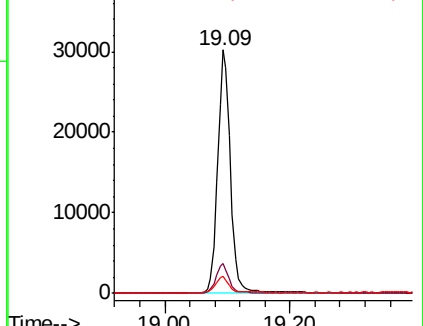
104 6.7 5.3 7.9



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: 0.418 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.02 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

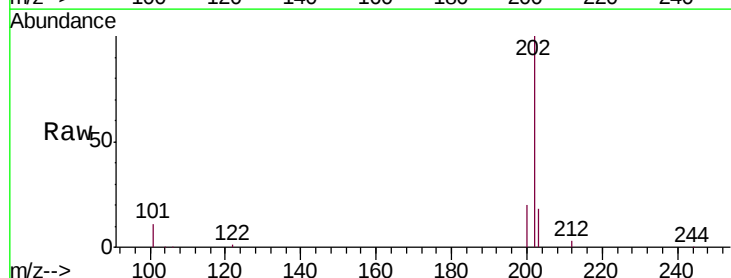
Tgt Ion:202 Resp: 49736

Ion Ratio Lower Upper

202 100

101 10.5 8.4 12.6

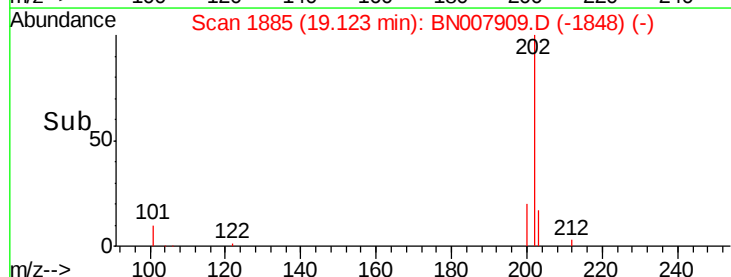
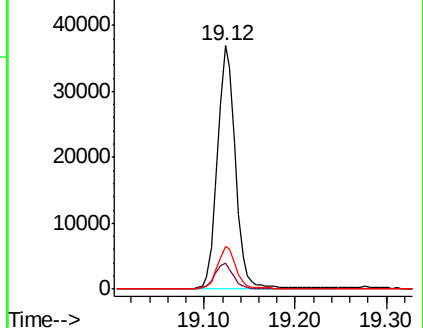
203 17.2 13.8 20.8



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: 21.26 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

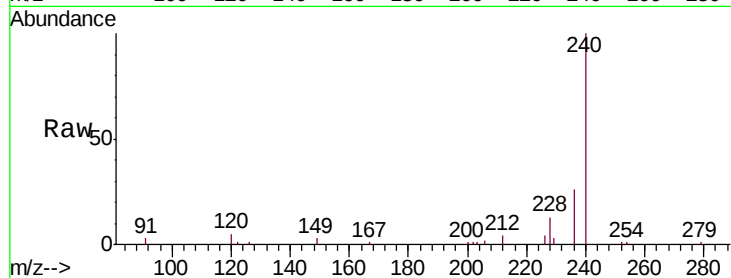
Tgt Ion:240 Resp: 35599

Ion Ratio Lower Upper

240 100

120 5.5 5.4 8.2

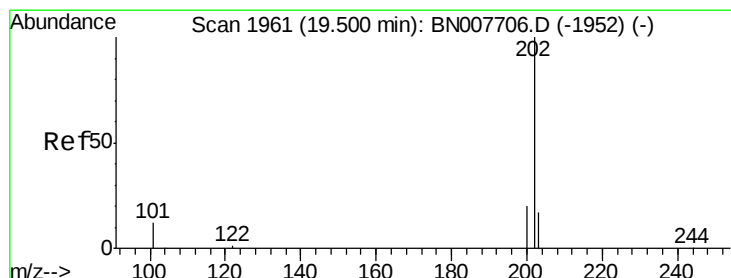
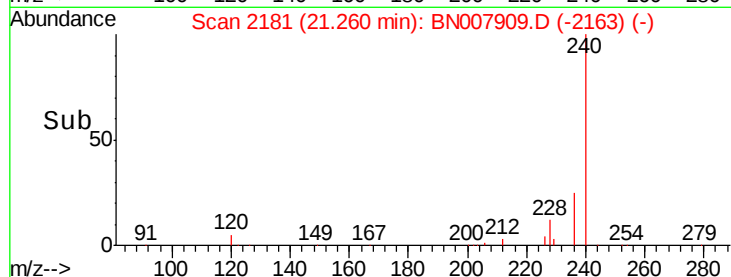
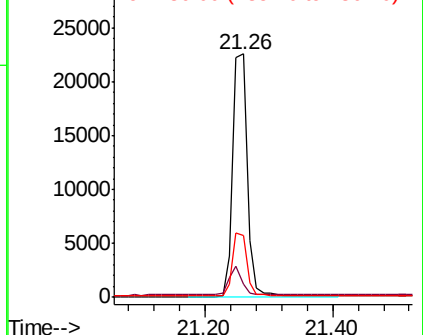
236 25.6 21.0 31.4



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: 0.419 ng

RT: 19.49 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

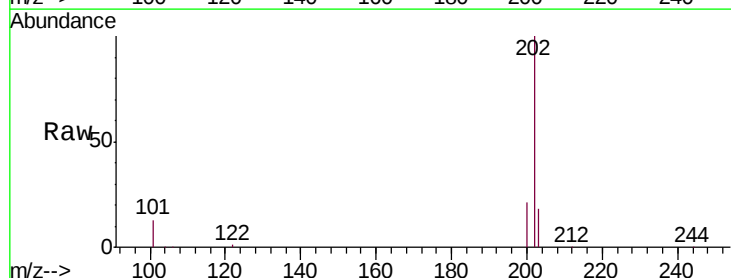
Tgt Ion:202 Resp: 50884

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

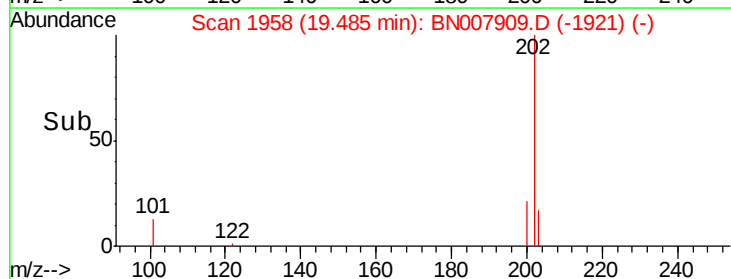
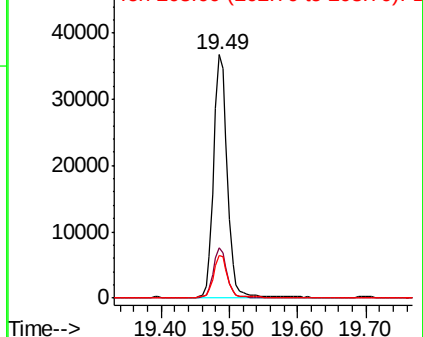
203 17.5 14.1 21.1



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: 0.428 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

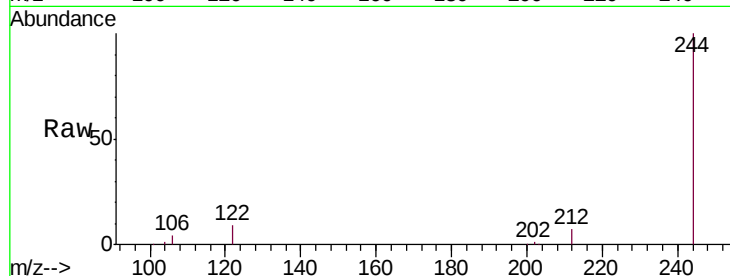
Tgt Ion:244 Resp: 37447

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

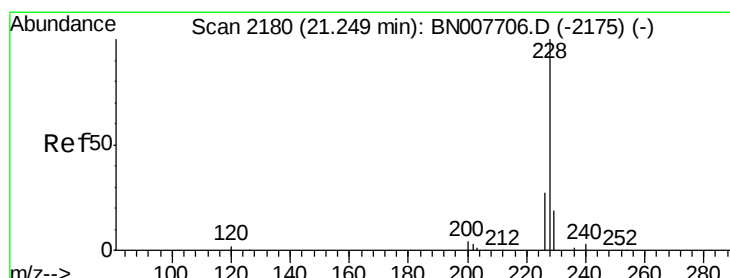
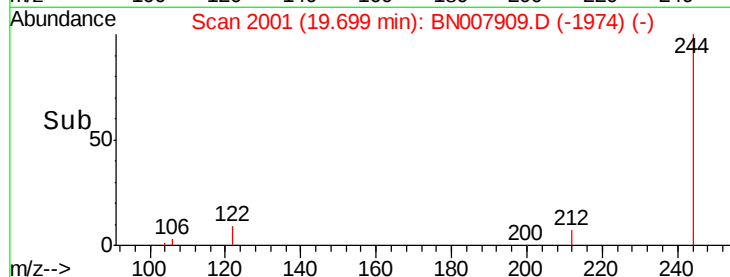
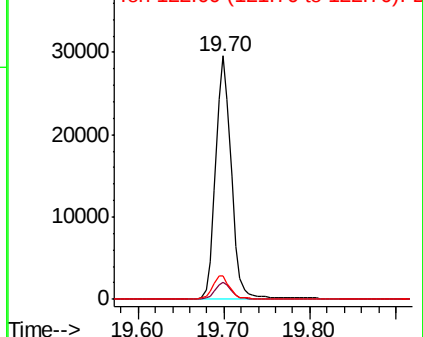
122 9.5 7.4 11.2



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: 0.398 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

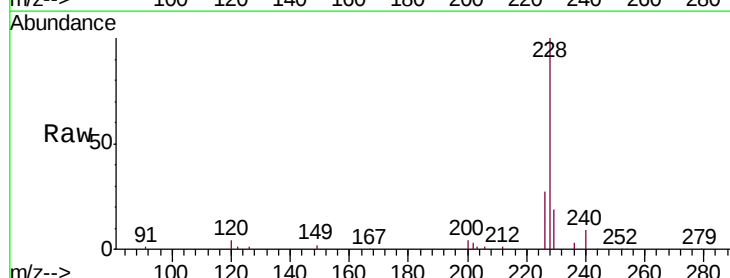
Tgt Ion:228 Resp: 52139

Ion Ratio Lower Upper

228 100

226 26.7 22.1 33.1

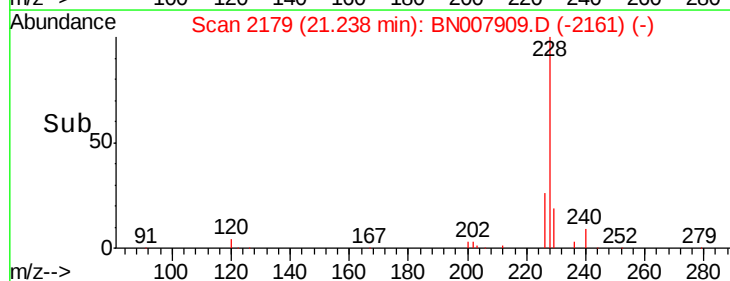
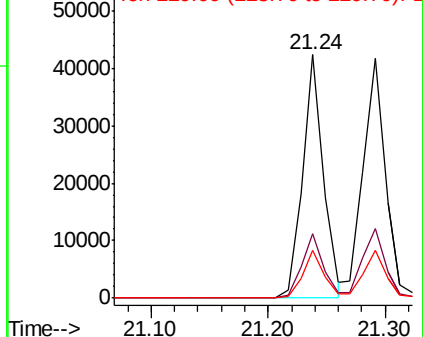
229 19.5 15.8 23.6



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: 0.427 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

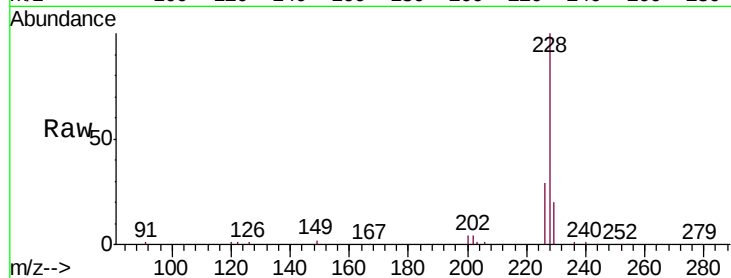
Tgt Ion:228 Resp: 54537

Ion Ratio Lower Upper

228 100

226 29.1 23.9 35.9

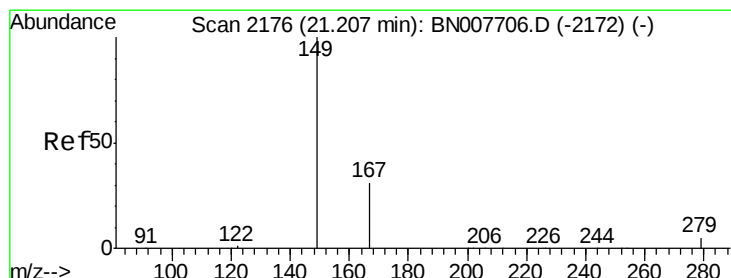
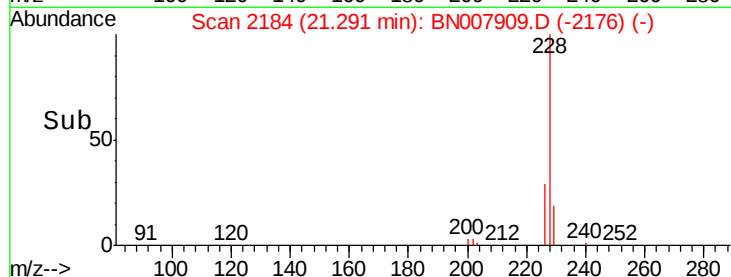
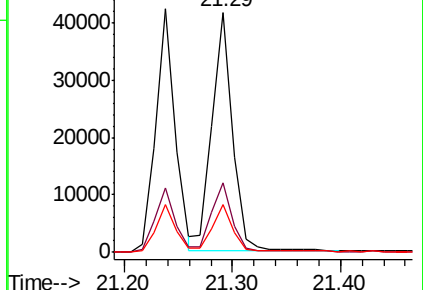
229 19.7 15.8 23.6



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: 0.368 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

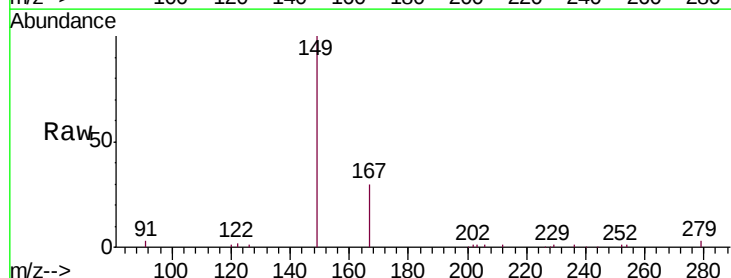
Tgt Ion:149 Resp: 24778

Ion Ratio Lower Upper

149 100

167 28.8 23.7 35.5

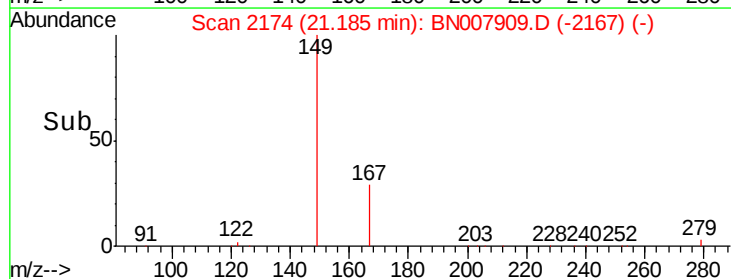
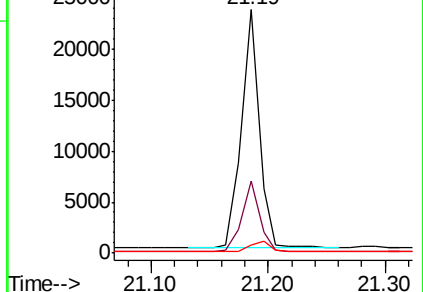
279 5.2 4.2 6.2



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: 0.396 ng

RT: 25.68 min Scan# 3245

Delta R.T. -0.03 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

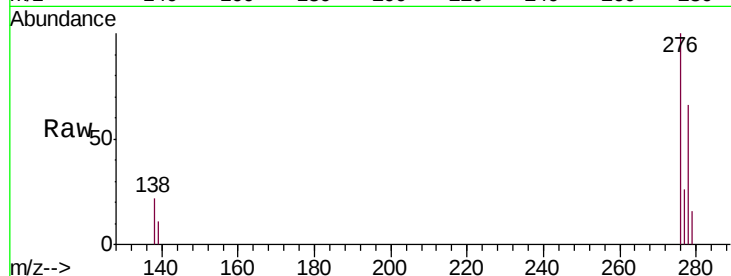
Tgt Ion:276 Resp: 63363

Ion Ratio Lower Upper

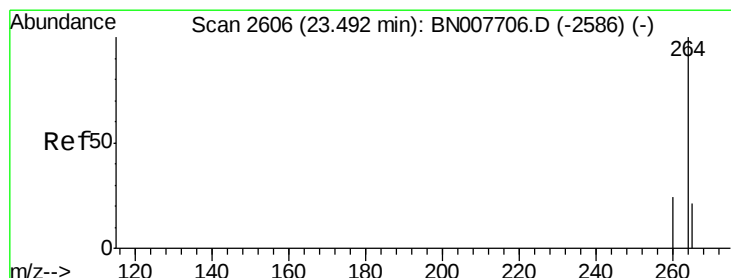
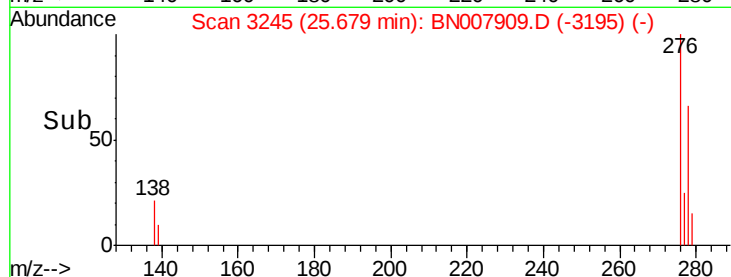
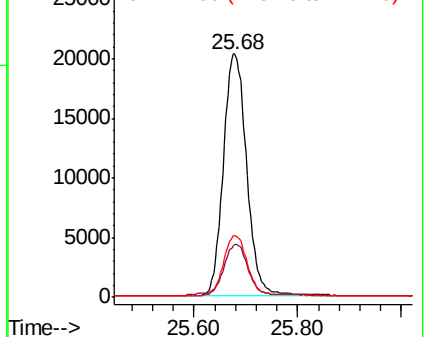
276 100

138 22.2 17.1 25.7

277 24.9 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: 23.47 min Scan# 2599

Delta R.T. -0.02 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

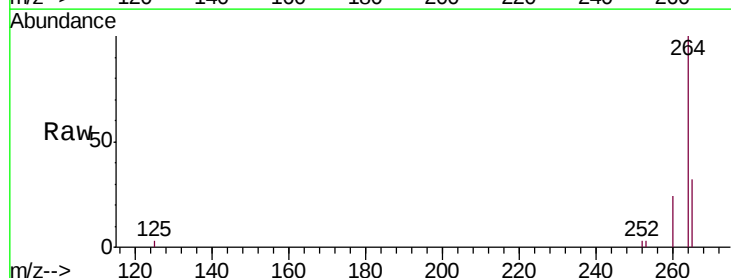
Tgt Ion:264 Resp: 38748

Ion Ratio Lower Upper

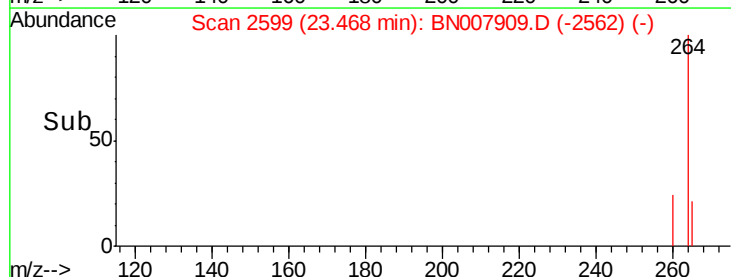
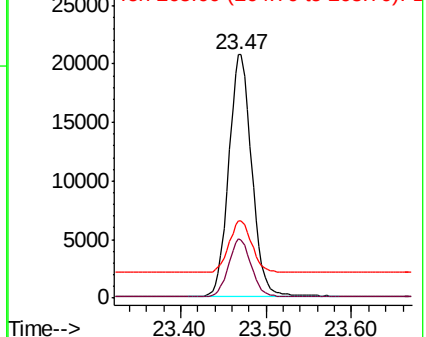
264 100

260 24.4 19.3 28.9

265 31.8 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: 0.411 ng

RT: 22.81 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

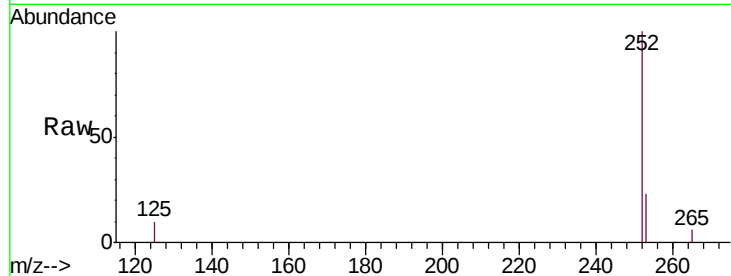
Tgt Ion:252 Resp: 55272

Ion Ratio Lower Upper

252 100

253 22.5 18.3 27.5

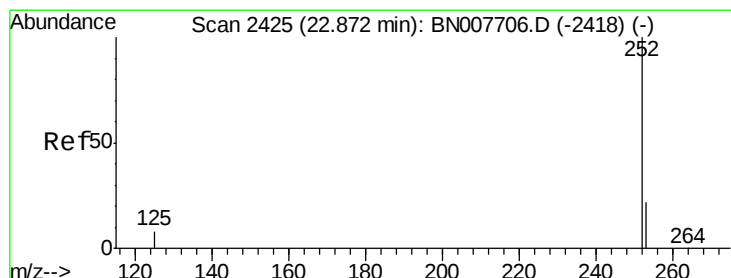
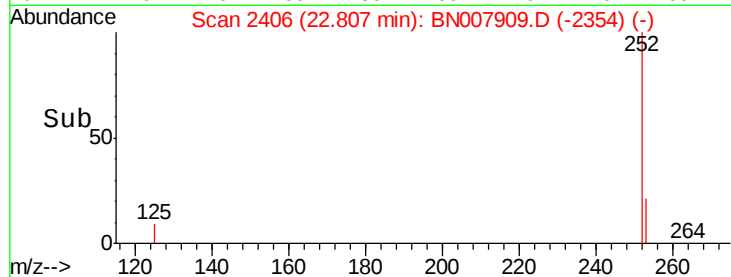
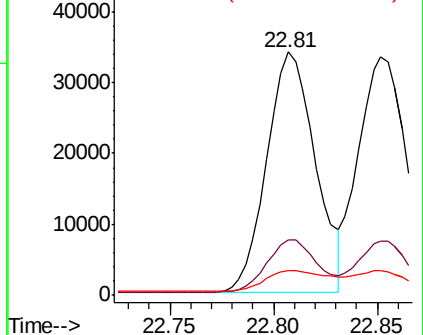
125 10.4 8.2 12.4



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: 0.414 ng

RT: 22.85 min Scan# 2419

Delta R.T. -0.02 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

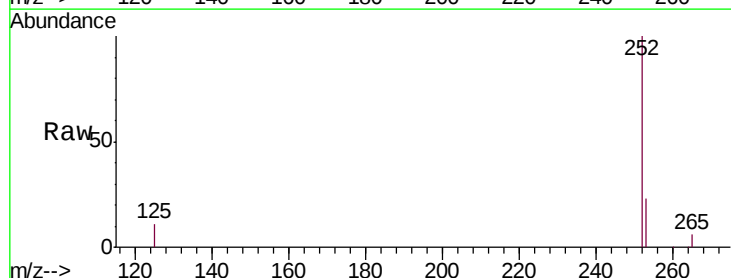
Tgt Ion:252 Resp: 55097

Ion Ratio Lower Upper

252 100

253 22.8 18.5 27.7

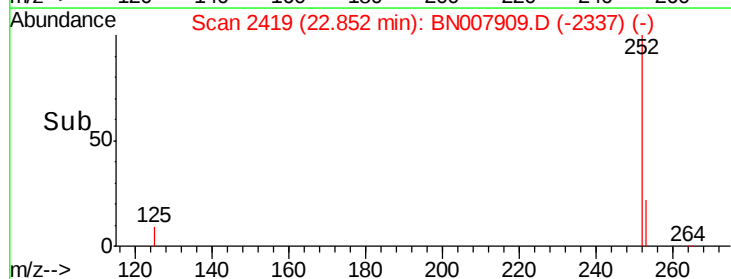
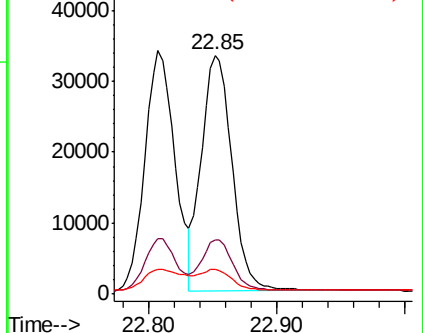
125 10.6 8.4 12.6

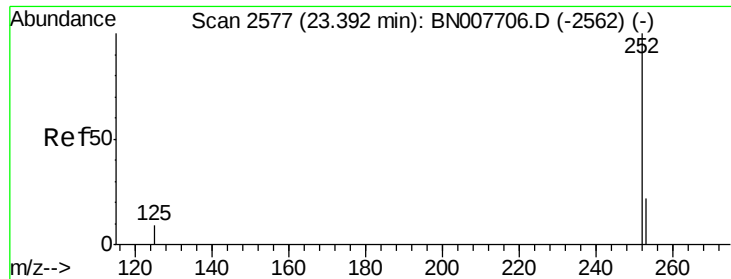


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.408 ng

RT: 23.38 min Scan# 2572

Delta R.T. -0.02 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

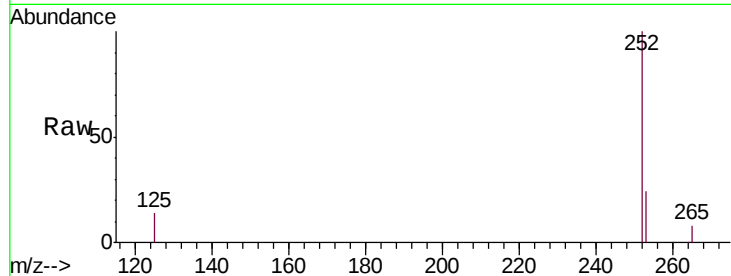
Tgt Ion:252 Resp: 51530

Ion Ratio Lower Upper

252 100

253 23.8 18.6 27.8

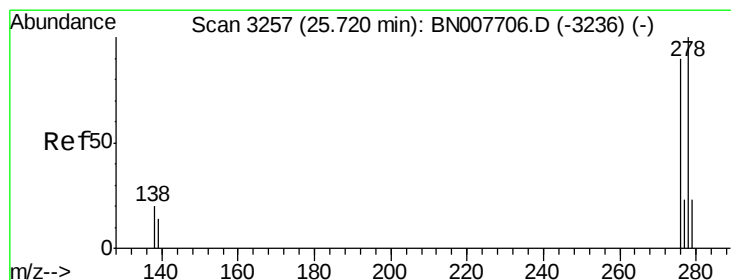
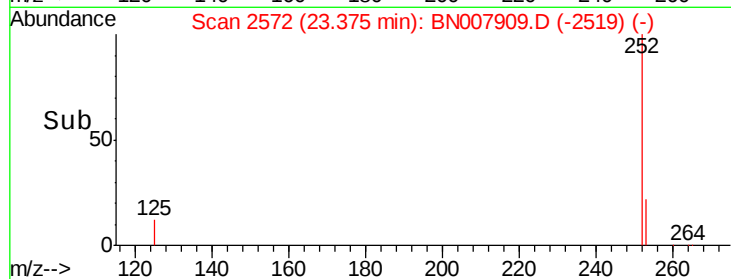
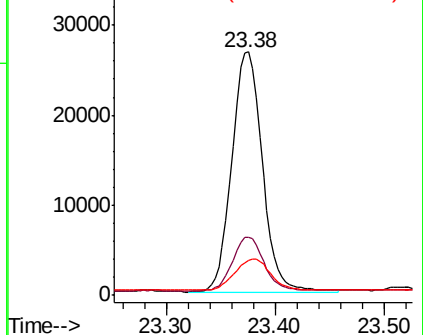
125 14.4 9.4 14.0#



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: 0.396 ng

RT: 25.69 min Scan# 3249

Delta R.T. -0.03 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

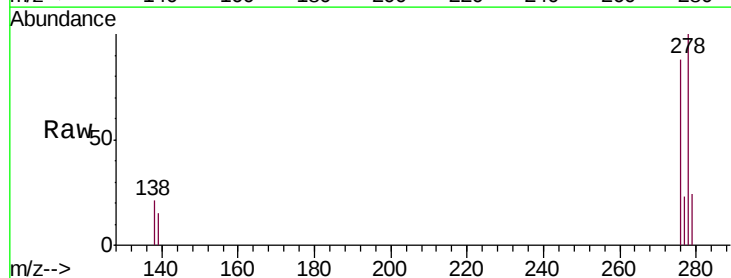
Tgt Ion:278 Resp: 51287

Ion Ratio Lower Upper

278 100

139 15.2 11.8 17.6

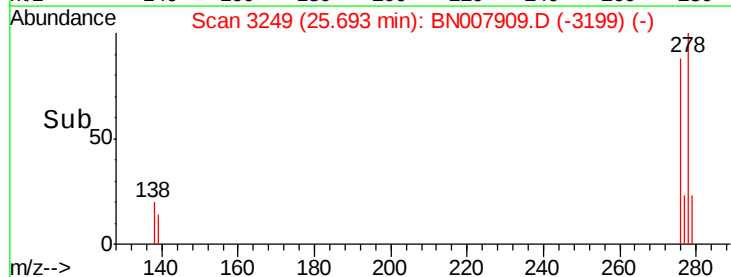
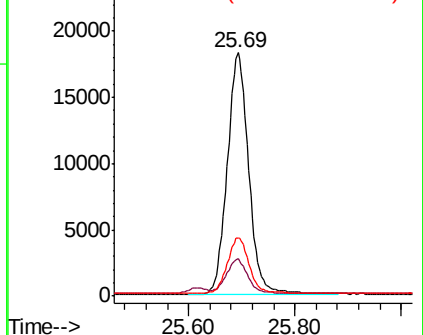
279 24.0 19.4 29.2

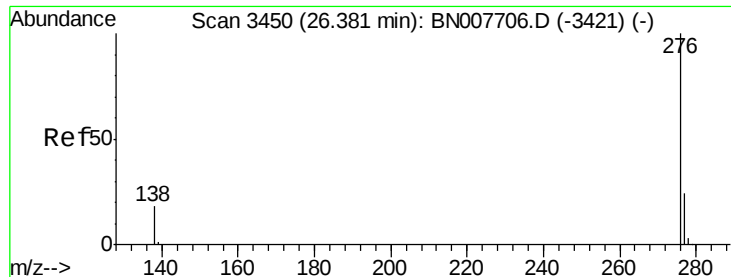


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.402 ng

RT: 26.35 min Scan# 3440

Delta R.T. -0.03 min

Lab File: BN007909.D

Acq: 30 Sep 2019 23:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

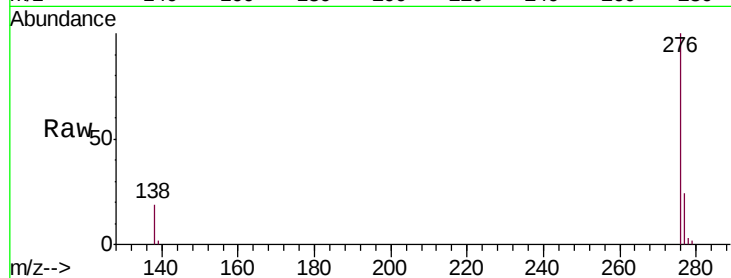
Tgt Ion: 276 Resp: 51413

Ion Ratio Lower Upper

276 100

277 24.3 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

