

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100319\
 Data File : BN008002.D
 Acq On : 04 Oct 2019 04:10
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Oct 04 05:43:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 03 18:39:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	4221	0.40	ng	-0.02
7) Naphthalene-d8	10.46	136	18277	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	11530	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	24258	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	25795	0.40	ng	-0.02
34) Perylene-d12	23.47	264	27656	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	5257	0.36	ng	-0.02
5) Phenol-d6	6.87	99	7251	0.40	ng	0.00
8) Nitrobenzene-d5	8.82	82	6424	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	13054	0.42	ng	-0.02
14) 2,4,6-Tribromophenol	15.81	330	2401	0.38	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	18028	0.38	ng	-0.01
25) Fluoranthene-d10	19.09	212	33054	0.40	ng	-0.02
29) Terphenyl-d14	19.69	244	27762	0.44	ng	-0.02

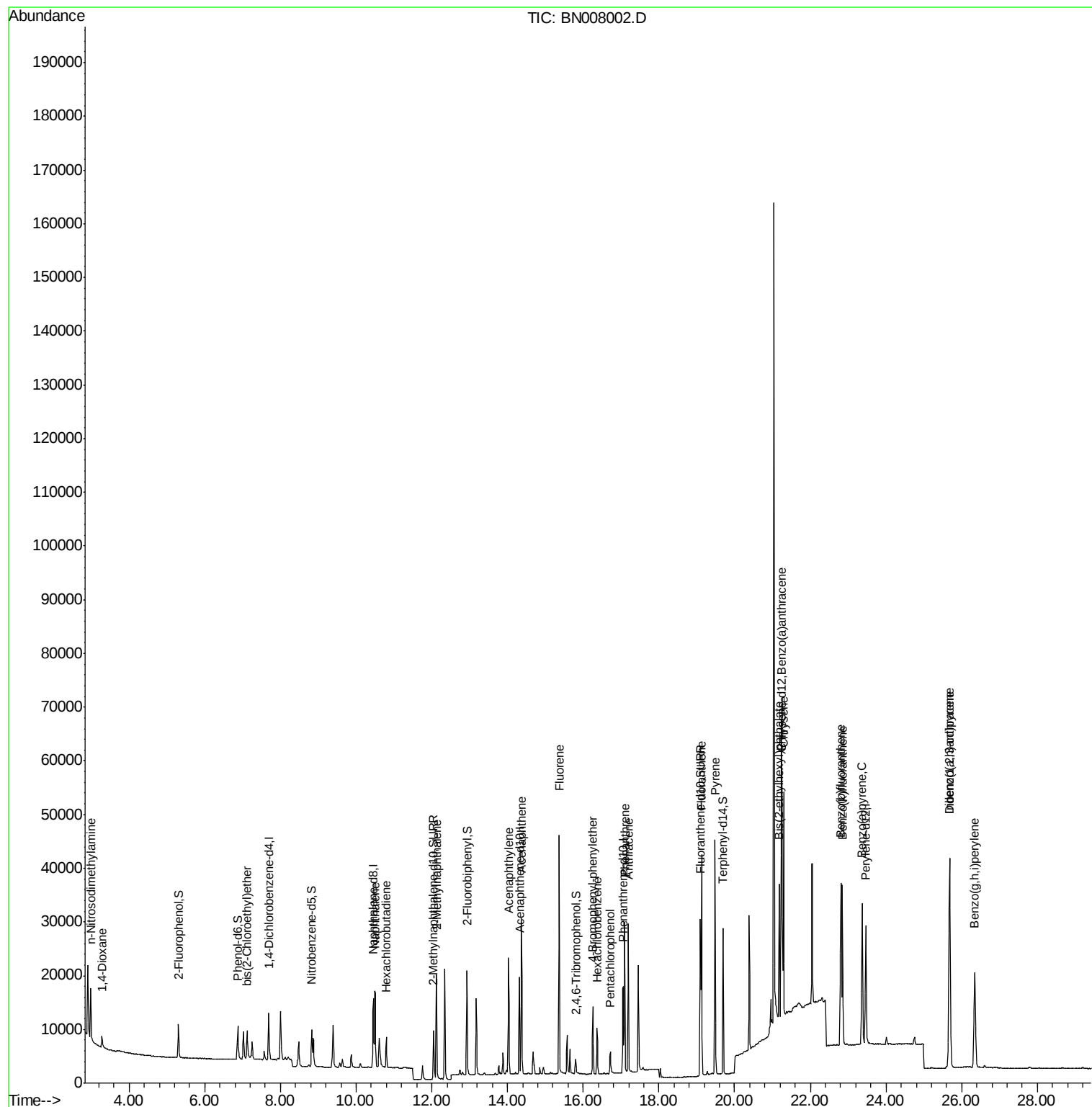
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	1725	0.367	ng	# 93
3) n-Nitrosodimethylamine	2.98	42	1302	0.604	ng	# 89
6) bis(2-Chloroethyl)ether	7.12	93	5820	0.487	ng	# 87
9) Naphthalene	10.51	128	21067	0.411	ng	99
10) Hexachlorobutadiene	10.80	225	4660	0.431	ng	# 99
12) 2-Methylnaphthalene	12.12	142	14747	0.425	ng	100
16) Acenaphthylene	14.02	152	24177	0.395	ng	100
17) Acenaphthene	14.37	154	14547	0.369	ng	97
18) Fluorene	15.36	166	19015	0.376	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	6020	0.409	ng	# 89
21) Hexachlorobenzene	16.37	284	7026	0.436	ng	97
22) Pentachlorophenol	16.72	266	2661	0.448	ng	98
23) Phenanthrene	17.09	178	30420	0.403	ng	100
24) Anthracene	17.19	178	28878	0.423	ng	99
26) Fluoranthene	19.12	202	37978	0.404	ng	100
28) Pyrene	19.49	202	39121	0.445	ng	99
30) Benzo(a)anthracene	21.24	228	38714	0.408	ng	98
31) Chrysene	21.29	228	37911	0.410	ng	98
32) Bis(2-ethylhexyl)phthalate	21.17	149	23401	0.479	ng	99
33) Indeno(1,2,3-cd)pyrene	25.68	276	43467	0.375	ng	99
35) Benzo(b)fluoranthene	22.80	252	38750	0.404	ng	# 92
36) Benzo(k)fluoranthene	22.85	252	36561	0.385	ng	# 94
37) Benzo(a)pyrene	23.37	252	36063	0.400	ng	# 87
38) Dibenzo(a,h)anthracene	25.69	278	35496	0.384	ng	# 94
39) Benzo(g,h,i)perylene	26.35	276	35731	0.391	ng	96

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

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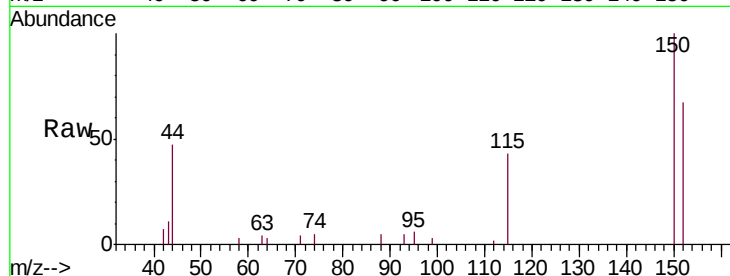


#1

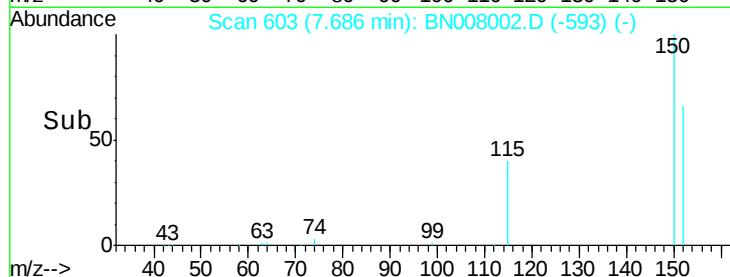
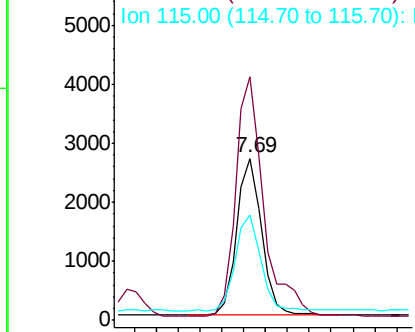
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 4221
Ion Ratio Lower Upper
152 100
150 150.1 125.6 188.4
115 65.2 53.3 79.9



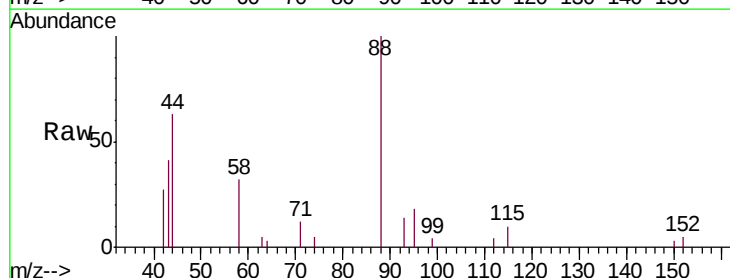
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



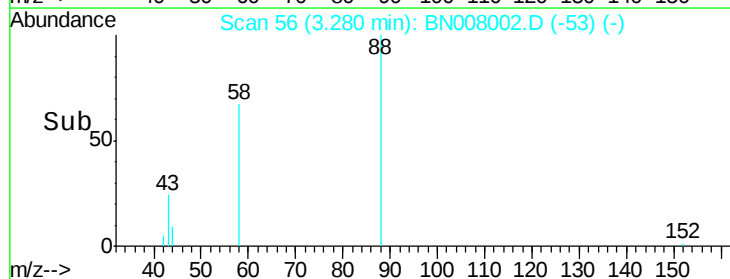
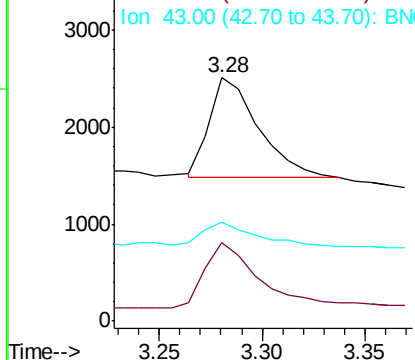
#2

1,4-Dioxane
Concen: 0.367 ng
RT: 3.28 min Scan# 56
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion: 88 Resp: 1725
Ion Ratio Lower Upper
88 100
58 58.2 44.6 66.8
43 25.3 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

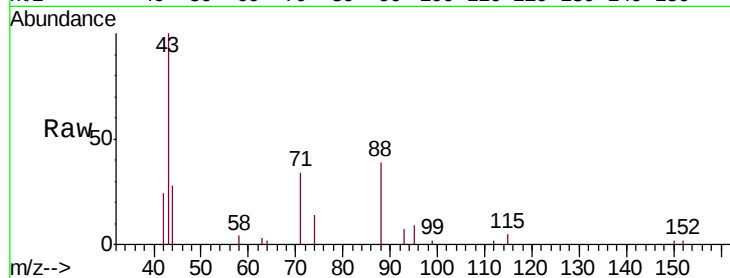




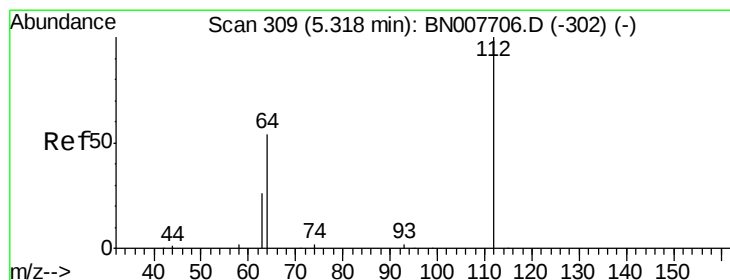
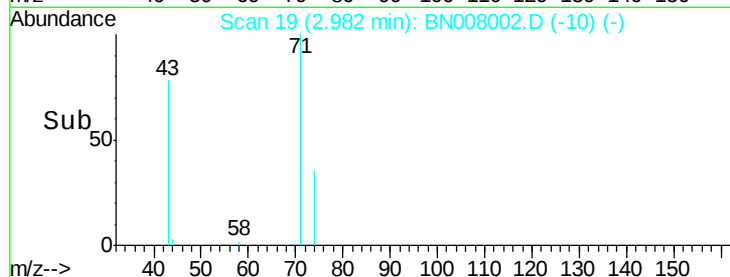
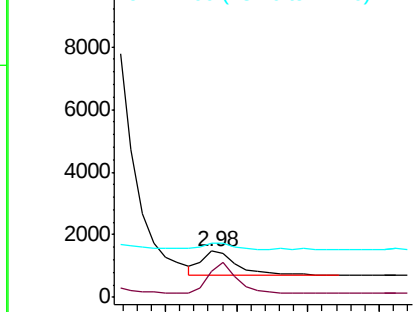
#3
n-Nitrosodimethylamine
Concen: 0.604 ng
RT: 2.98 min Scan# 19
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1302
Ion Ratio Lower Upper
42 100
74 101.4 87.9 131.9
44 24.7 29.4 44.0#

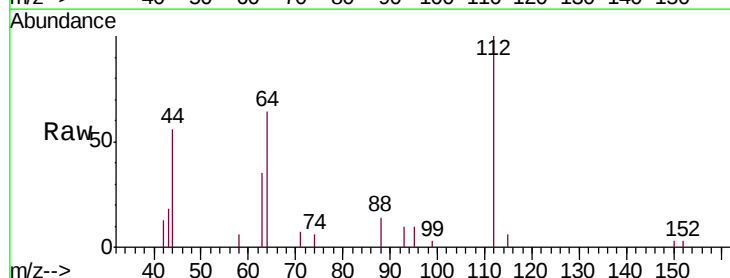


Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0

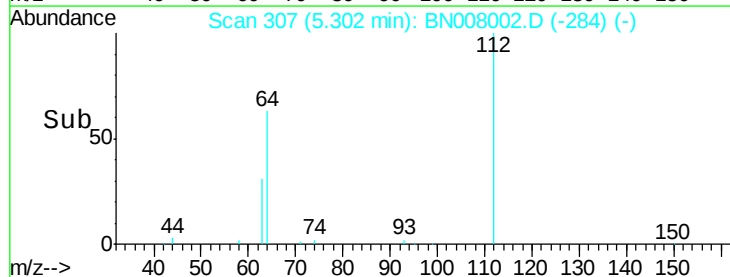
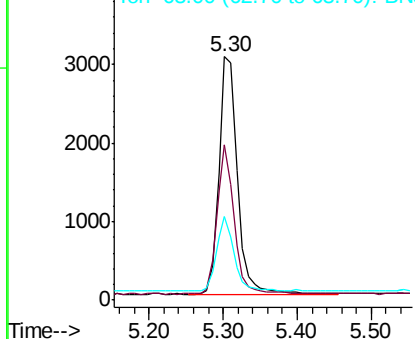


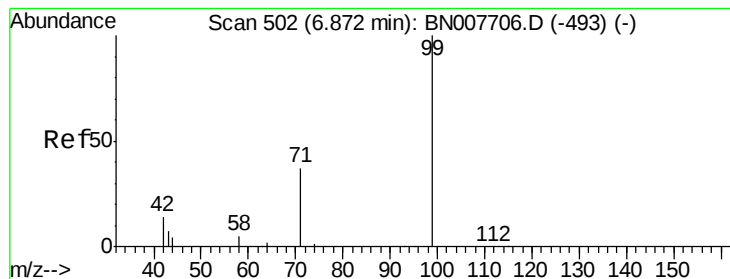
#4
2-Fluorophenol
Concen: 0.362 ng
RT: 5.30 min Scan# 307
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion: 112 Resp: 5257
Ion Ratio Lower Upper
112 100
64 57.6 46.6 70.0
63 28.6 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: 0.400 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

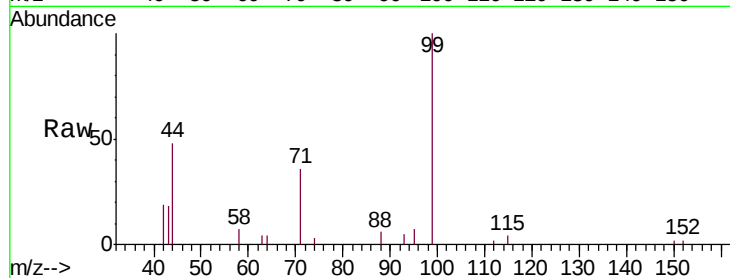
Tgt Ion: 99 Resp: 7251

Ion Ratio Lower Upper

99 100

42 14.7 12.8 19.2

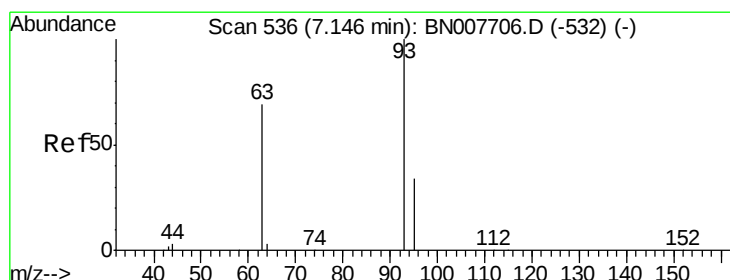
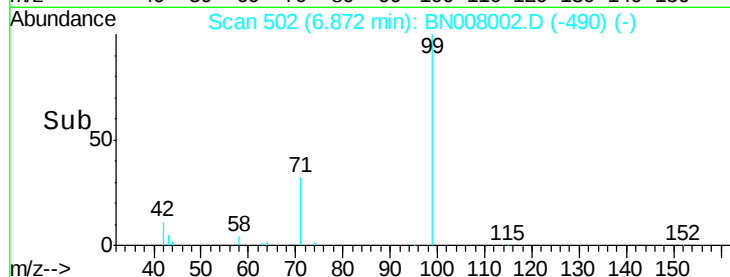
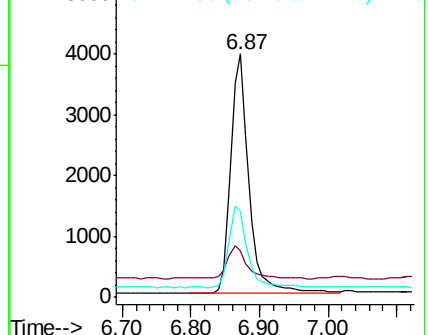
71 35.7 27.6 41.4



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: 0.487 ng

RT: 7.12 min Scan# 533

Delta R.T. -0.02 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

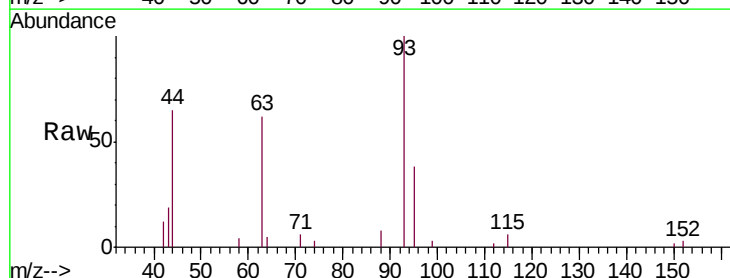
Tgt Ion: 93 Resp: 5820

Ion Ratio Lower Upper

93 100

63 63.9 59.3 88.9

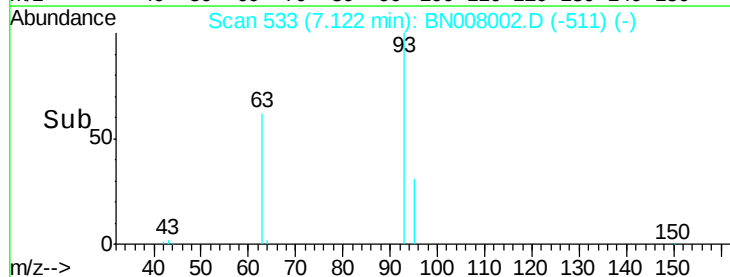
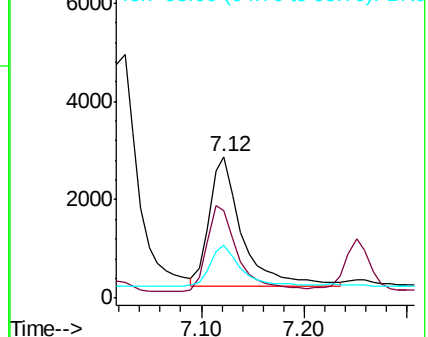
95 30.6 31.4 47.0#

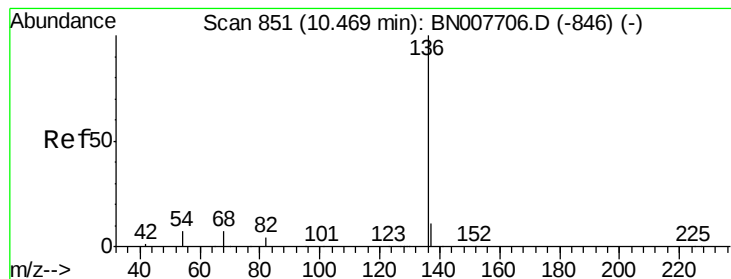


Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

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: BN008002.D

Acq: 04 Oct 2019 04:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 18277

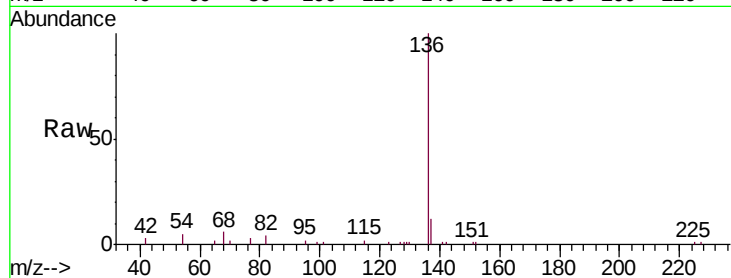
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 5.3 5.8 8.8#

68 6.0 6.5 9.7#

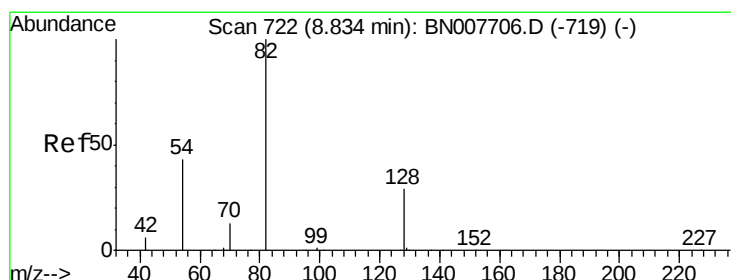
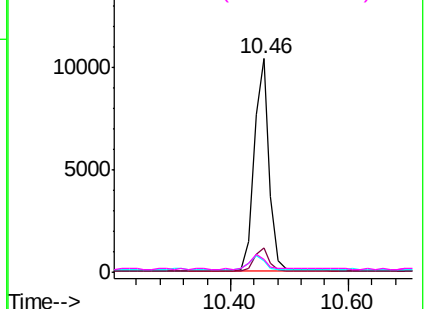
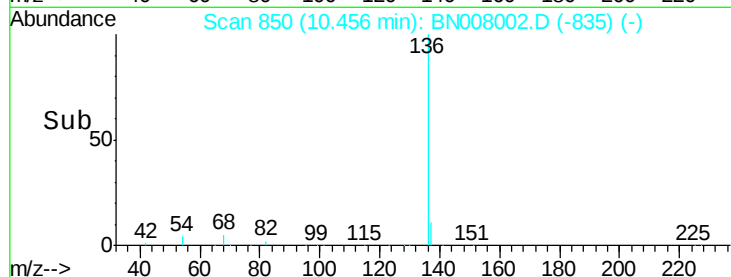


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.402 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

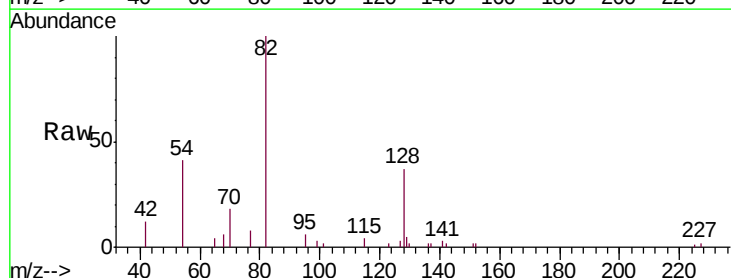
Tgt Ion: 82 Resp: 6424

Ion Ratio Lower Upper

82 100

128 36.6 24.5 36.7

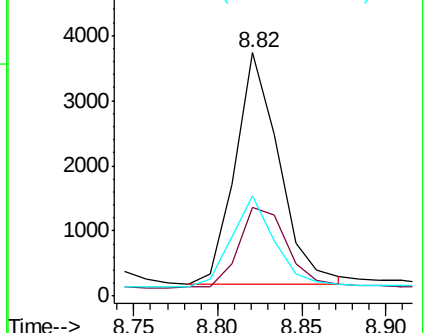
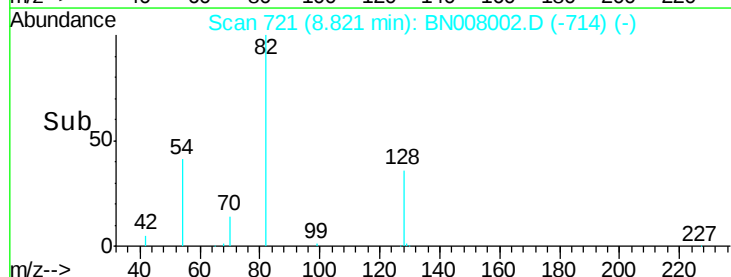
54 41.3 35.2 52.8



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: 0.411 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

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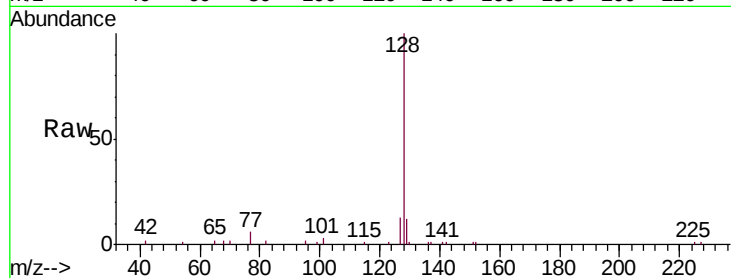
Tgt Ion:128 Resp: 21067

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

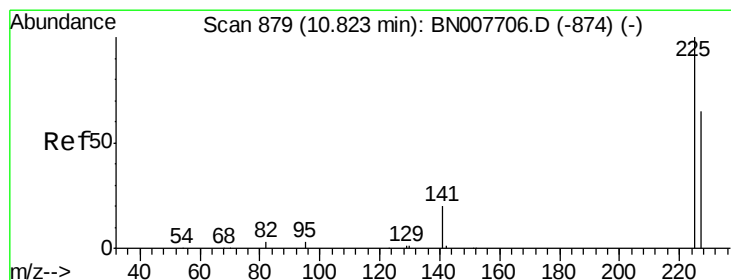
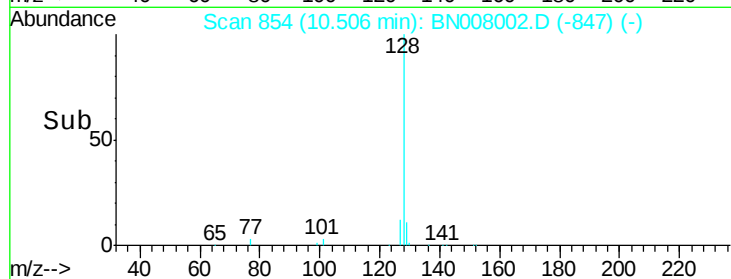
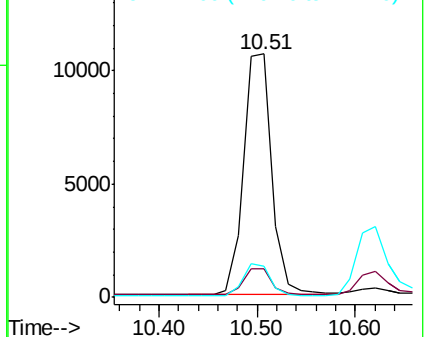
127 12.8 10.6 15.8



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: 0.431 ng

RT: 10.80 min Scan# 877

Delta R.T. -0.03 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

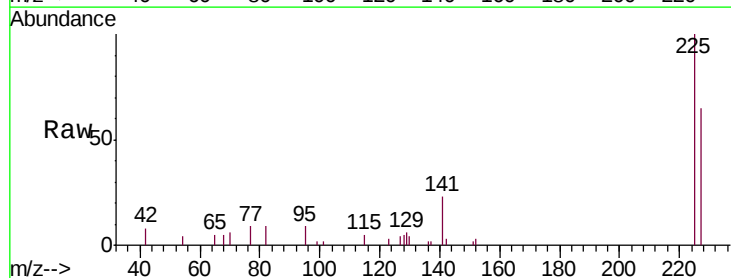
Tgt Ion:225 Resp: 4660

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

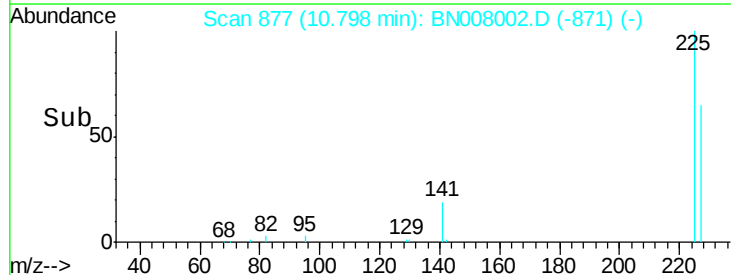
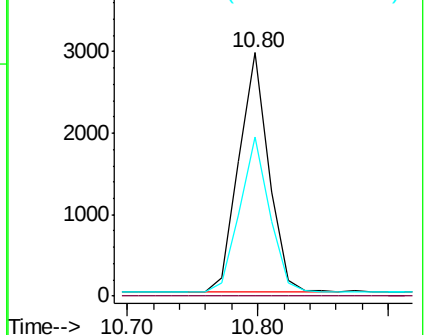
227 64.5 51.2 76.8

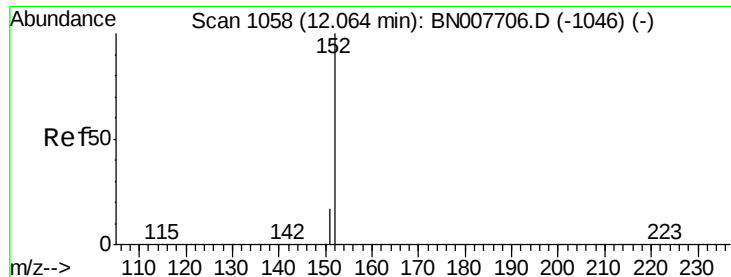


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

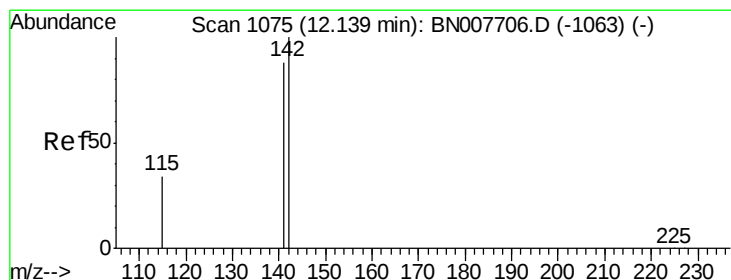
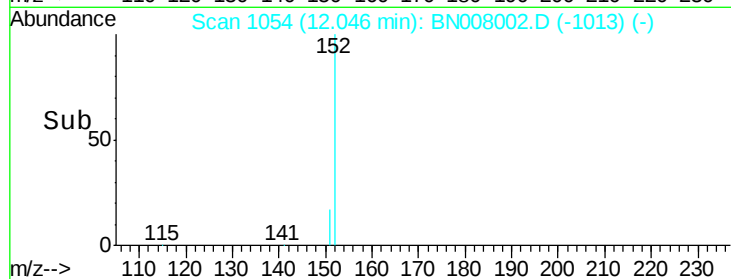
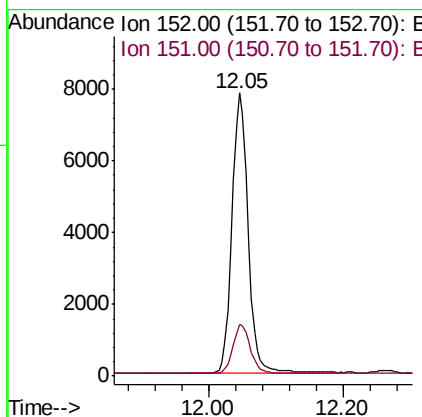
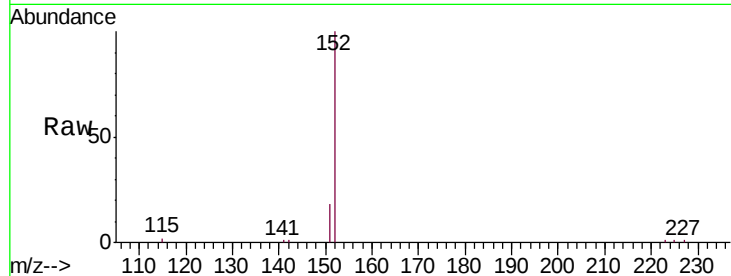




#11
 2-Methylnaphthalene-d10
 Concen: 0.424 ng
 RT: 12.05 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BN008002.D
 Acq: 04 Oct 2019 04:10

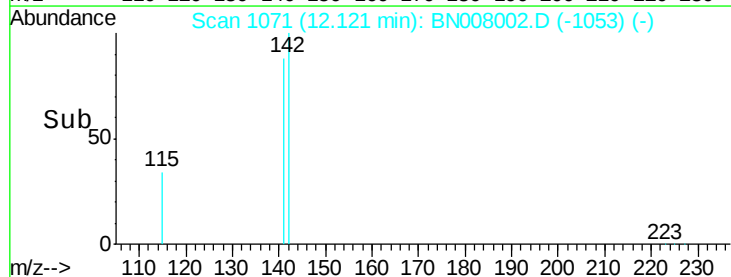
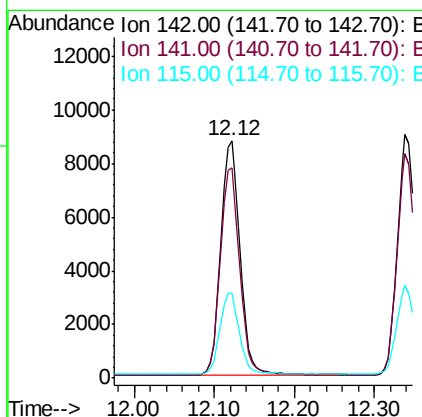
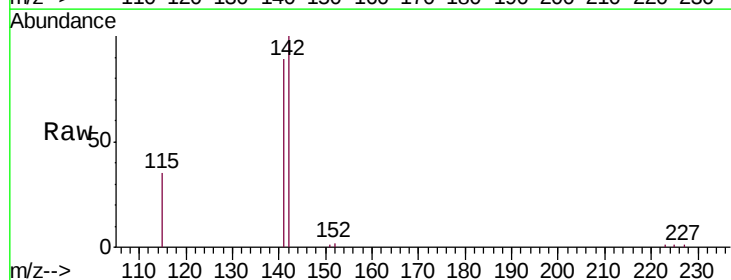
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:152 Resp: 13054
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.425 ng
 RT: 12.12 min Scan# 1071
 Delta R.T. -0.02 min
 Lab File: BN008002.D
 Acq: 04 Oct 2019 04:10

Tgt Ion:142 Resp: 14747
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.6 106.0
 115 35.5 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: BN008002.D

Acq: 04 Oct 2019 04:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

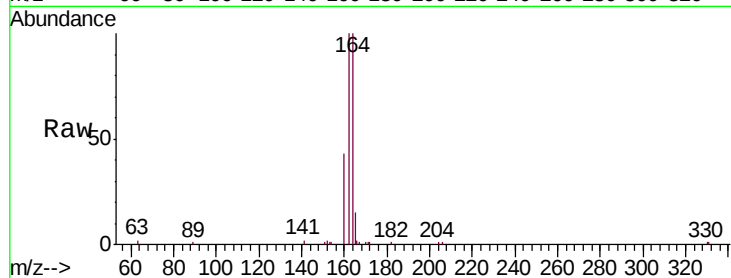
Tgt Ion:164 Resp: 11530

Ion Ratio Lower Upper

164 100

162 100.0 81.7 122.5

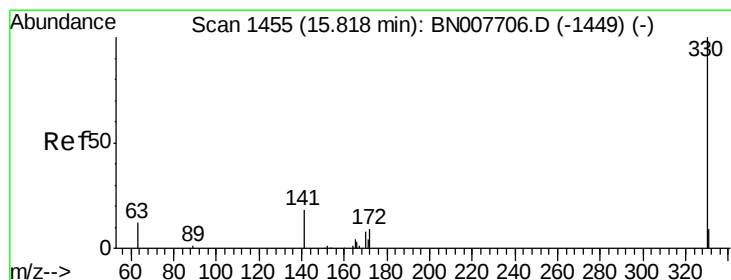
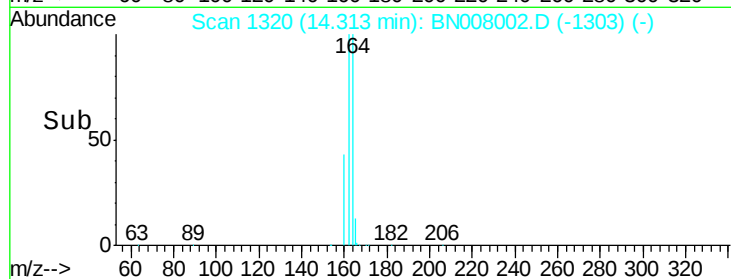
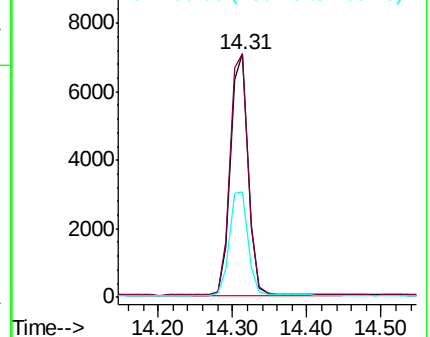
160 43.3 37.0 55.4



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: 0.382 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

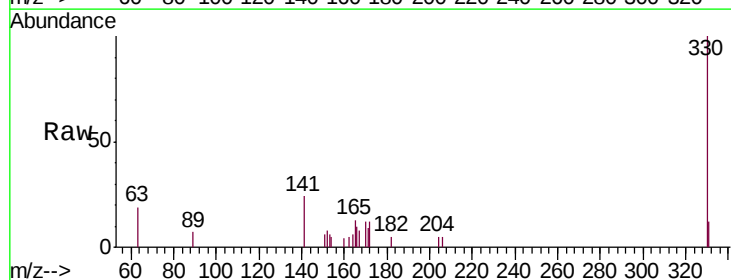
Tgt Ion:330 Resp: 2401

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

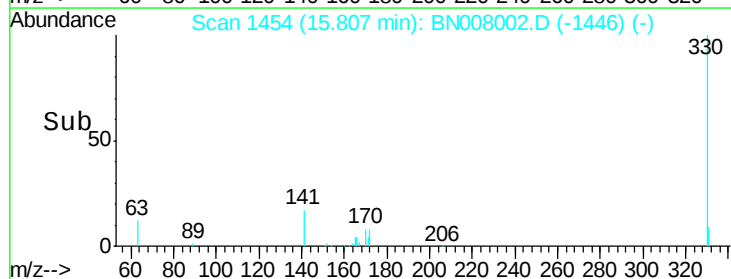
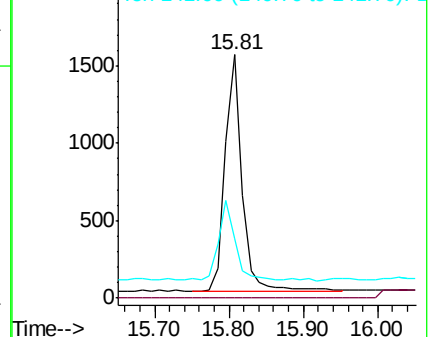
141 33.3 28.7 43.1



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

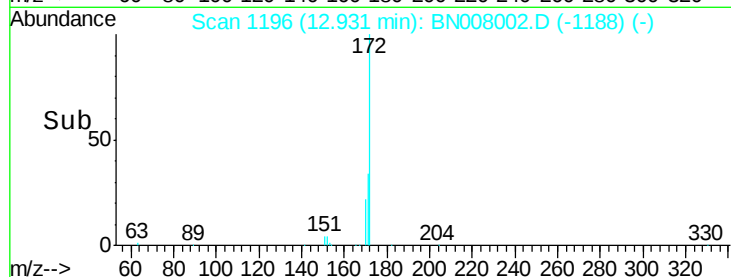
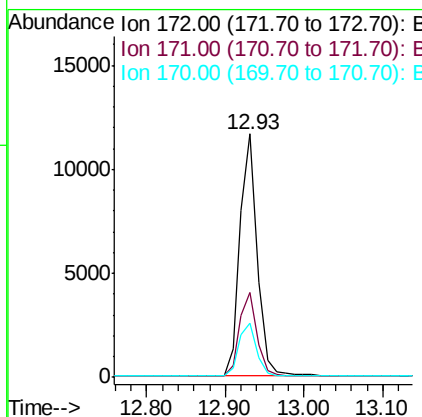
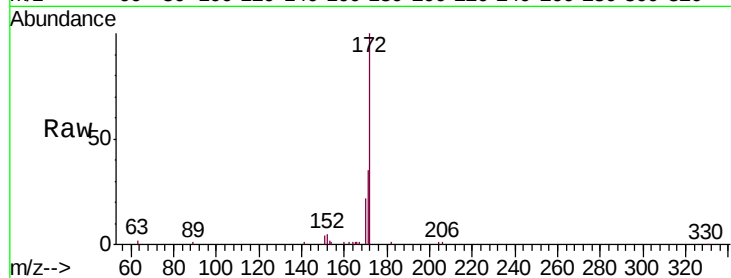




#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

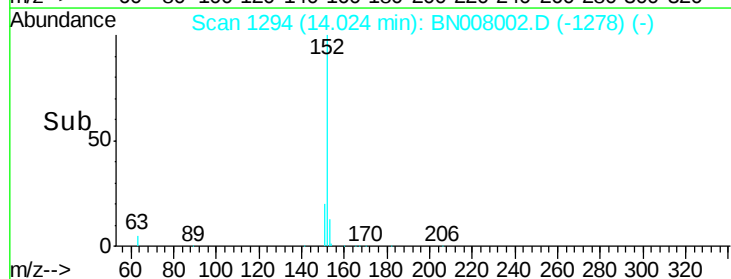
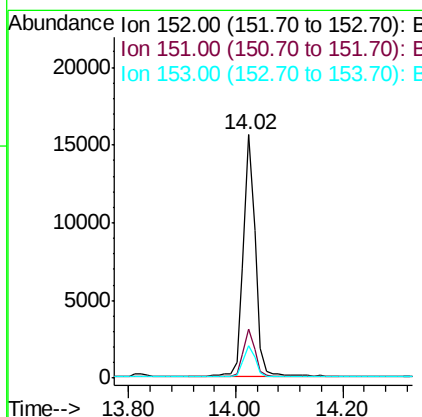
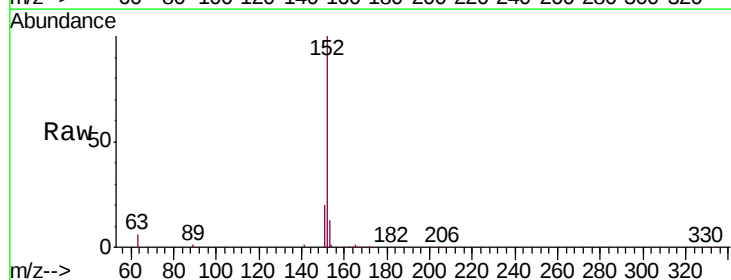
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 18028
Ion Ratio Lower Upper
172 100
171 34.7 28.8 43.2
170 22.5 19.5 29.3



#16
Acenaphthylene
Concen: 0.395 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion:152 Resp: 24177
Ion Ratio Lower Upper
152 100
151 19.5 15.5 23.3
153 13.2 10.4 15.6





#17

Acenaphthene

Concen: 0.369 ng

RT: 14.37 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

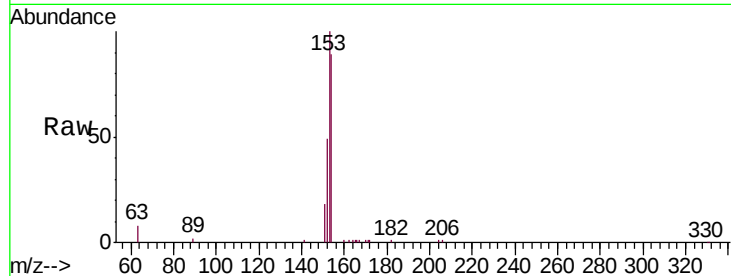
Tgt Ion:154 Resp: 14547

Ion Ratio Lower Upper

154 100

153 112.9 87.0 130.4

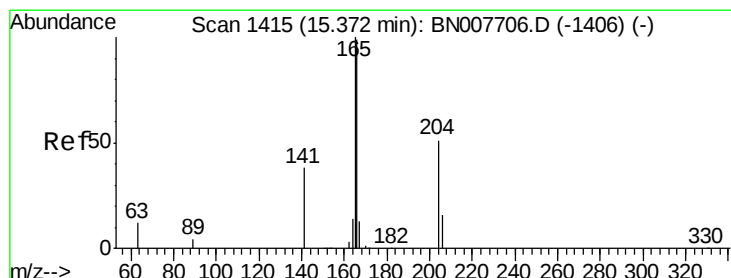
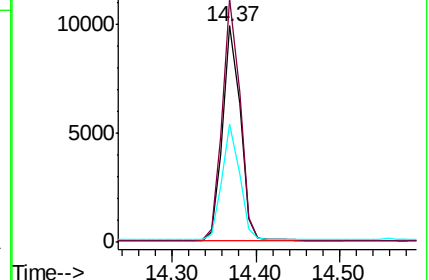
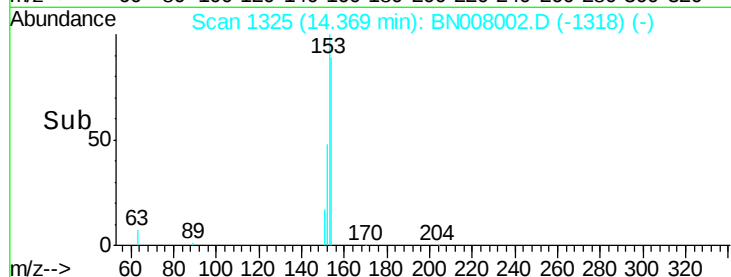
152 53.7 42.7 64.1



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: 0.376 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

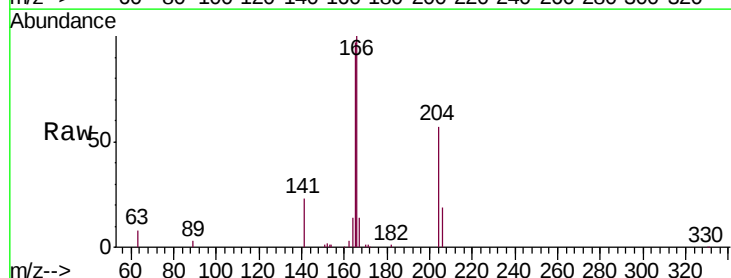
Tgt Ion:166 Resp: 19015

Ion Ratio Lower Upper

166 100

165 98.0 78.0 117.0

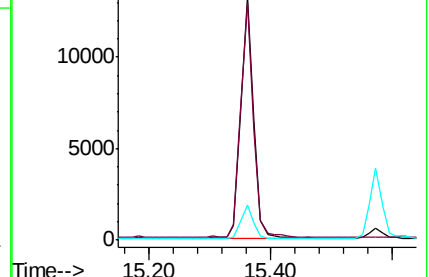
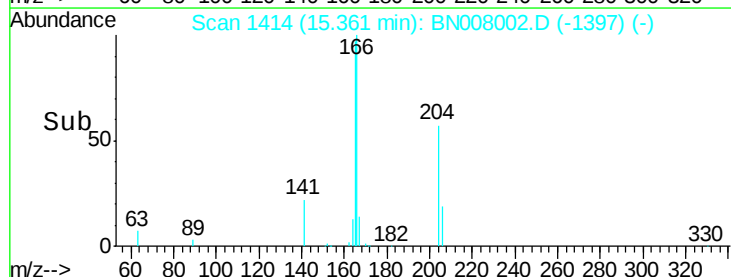
167 13.5 10.9 16.3



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: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

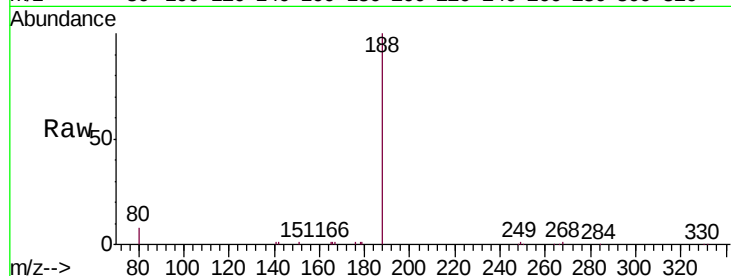
Tgt Ion:188 Resp: 24258

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

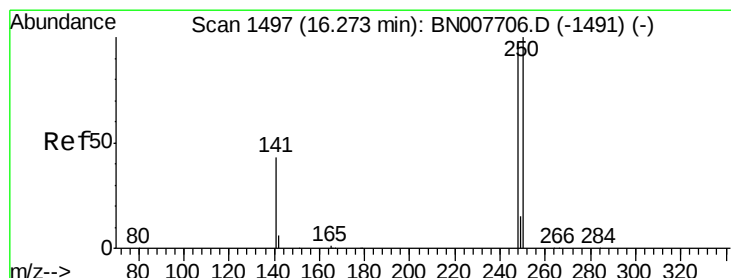
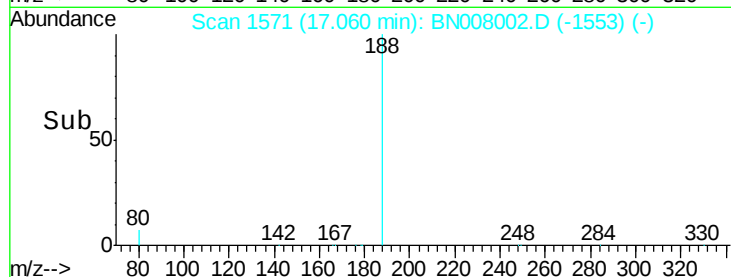
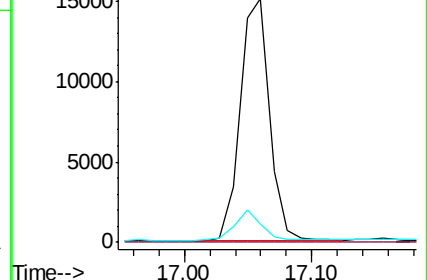
80 7.5 7.4 11.2



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: 0.409 ng

RT: 16.25 min Scan# 1495

Delta R.T. -0.02 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

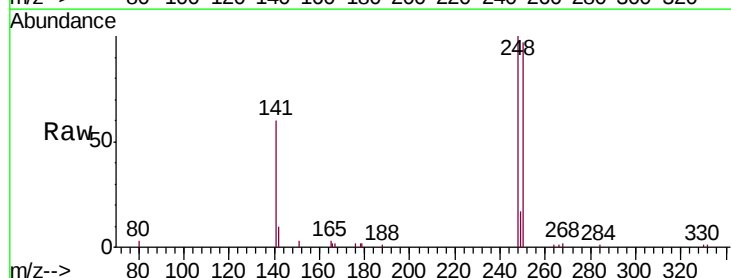
Tgt Ion:248 Resp: 6020

Ion Ratio Lower Upper

248 100

250 97.3 82.2 123.4

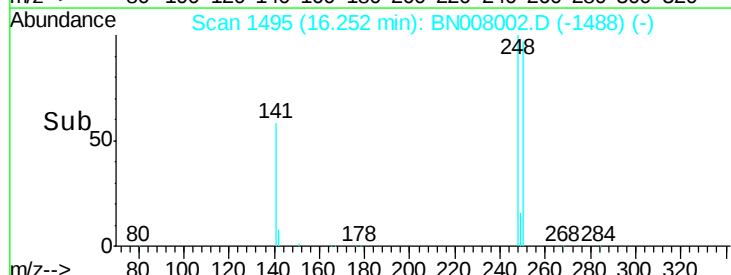
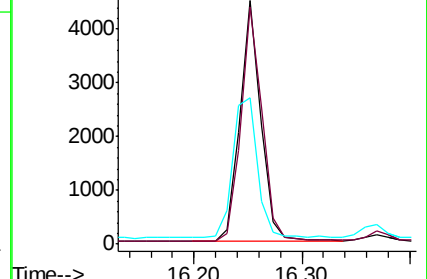
141 60.2 36.3 54.5#



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

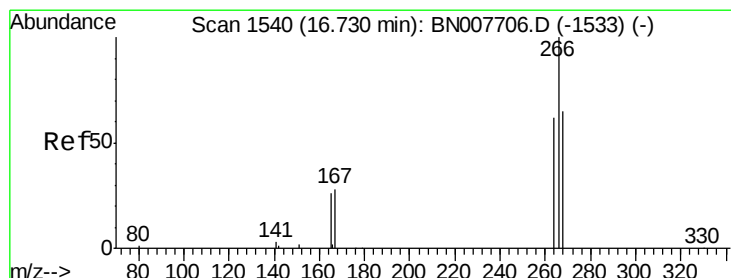
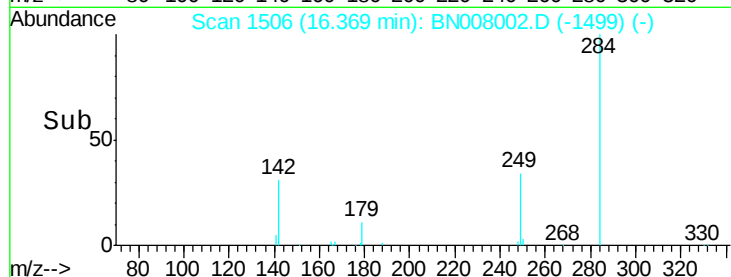
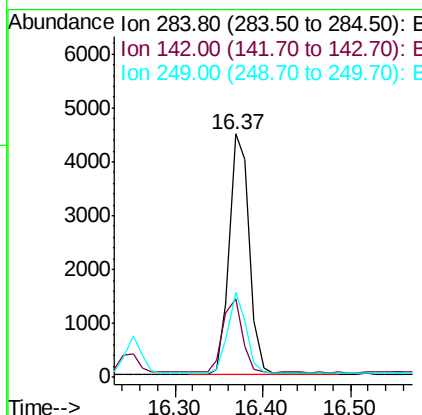
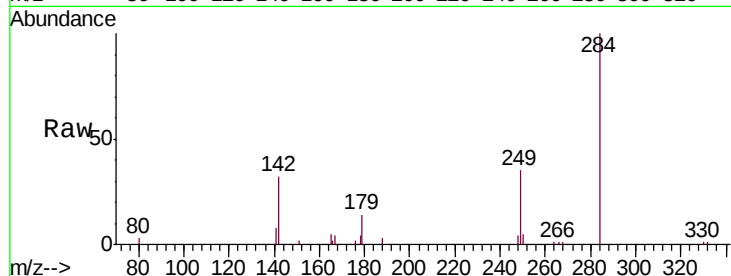




#21
Hexachlorobenzene
Concen: 0.436 ng
RT: 16.37 min Scan# 1506
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

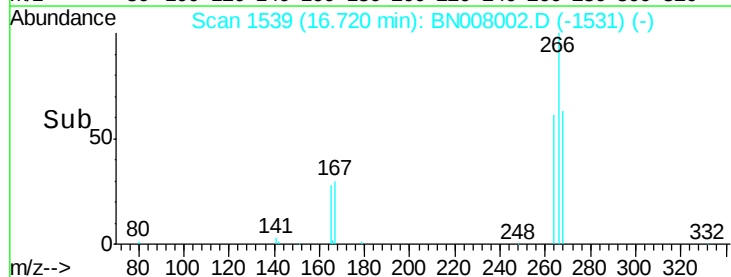
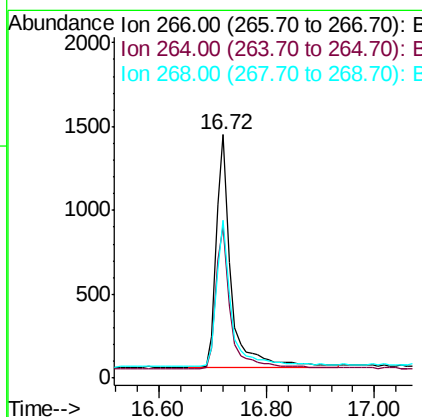
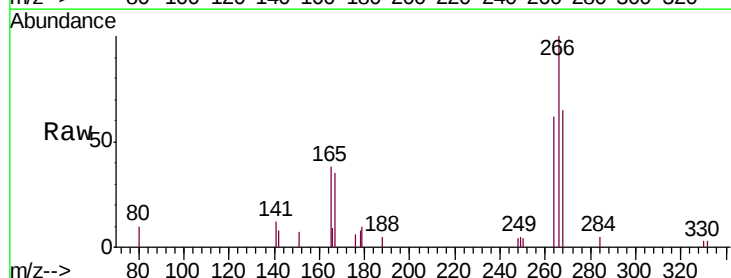
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

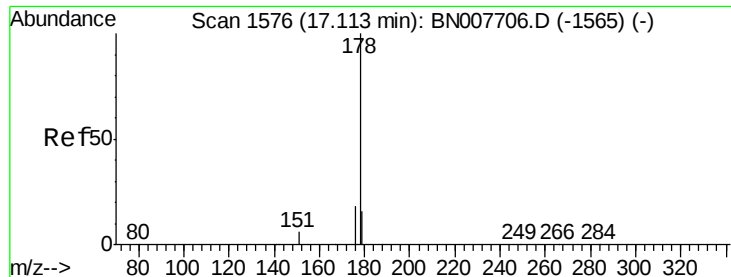
Tgt Ion:284 Resp: 7026
Ion Ratio Lower Upper
284 100
142 29.7 25.8 38.6
249 31.2 25.9 38.9



#22
Pentachlorophenol
Concen: 0.448 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion:266 Resp: 2661
Ion Ratio Lower Upper
266 100
264 62.1 50.0 75.0
268 64.9 54.2 81.4





#23

Phenanthrene

Concen: 0.403 ng

RT: 17.09 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

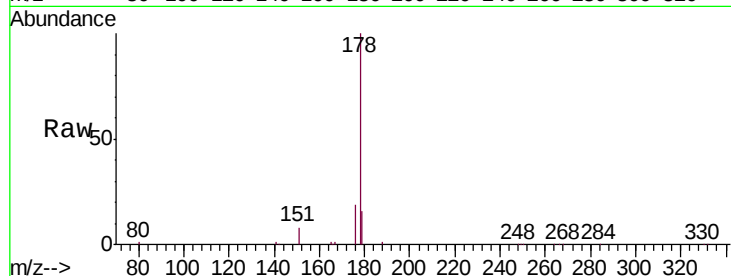
Tgt Ion:178 Resp: 30420

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

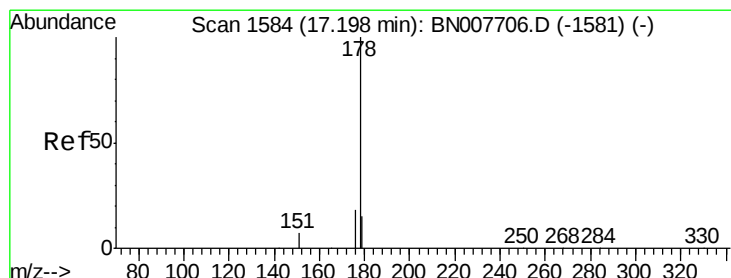
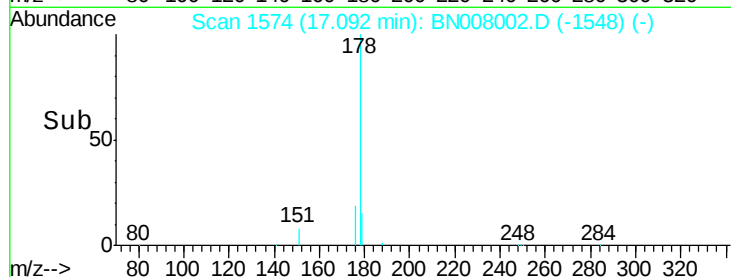
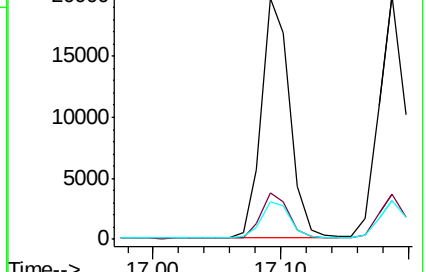
179 15.7 12.5 18.7



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: 0.423 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

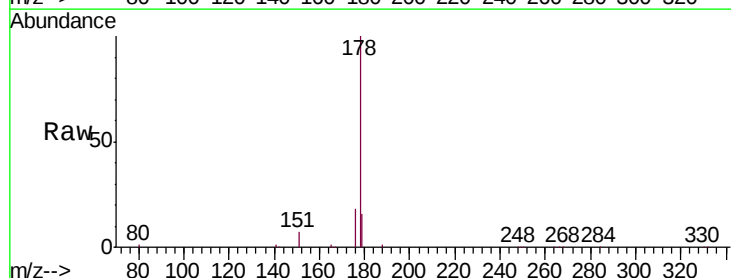
Tgt Ion:178 Resp: 28878

Ion Ratio Lower Upper

178 100

176 17.8 14.6 21.8

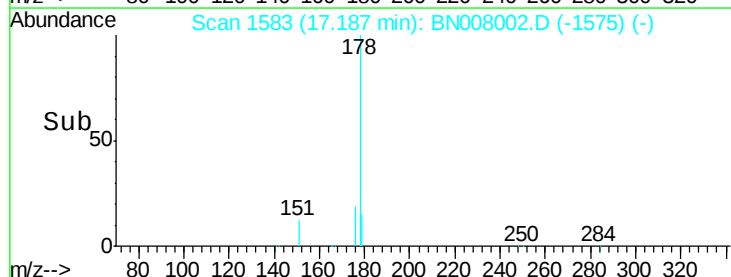
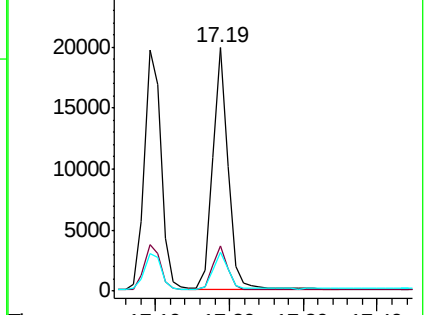
179 15.4 12.2 18.4

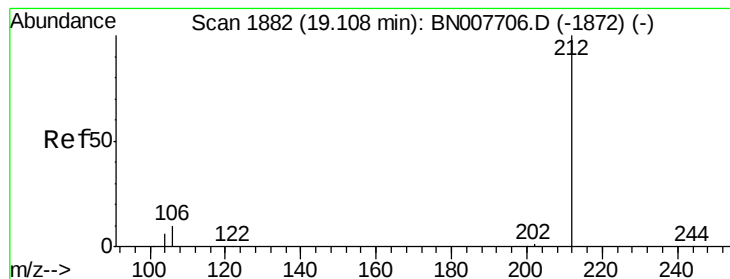


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.404 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

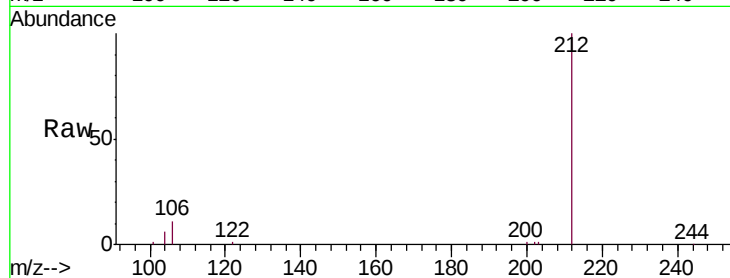
Tgt Ion:212 Resp: 33054

Ion Ratio Lower Upper

212 100

106 11.4 9.4 14.0

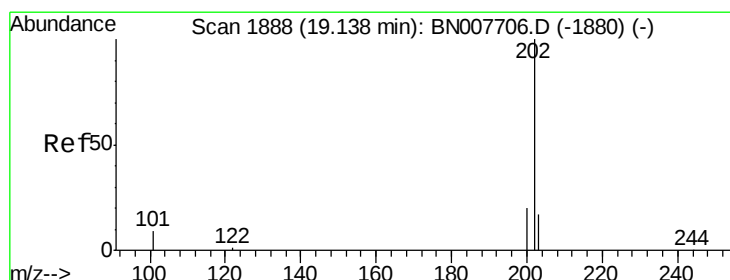
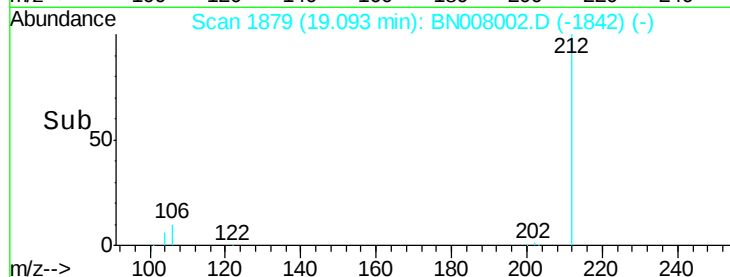
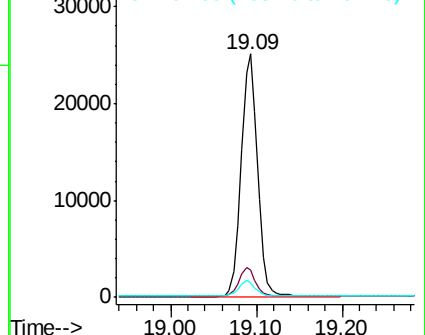
104 6.4 5.3 7.9



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: 0.404 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.02 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

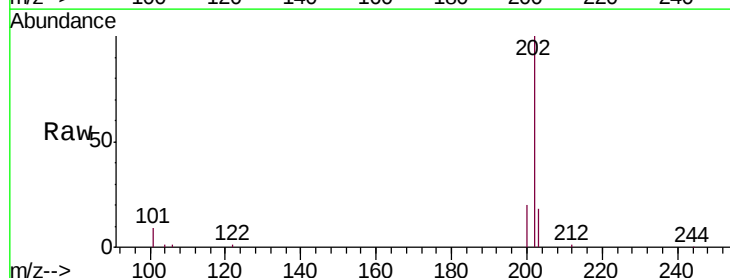
Tgt Ion:202 Resp: 37978

Ion Ratio Lower Upper

202 100

101 10.3 8.4 12.6

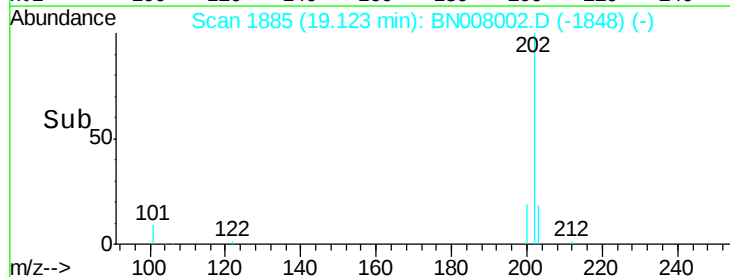
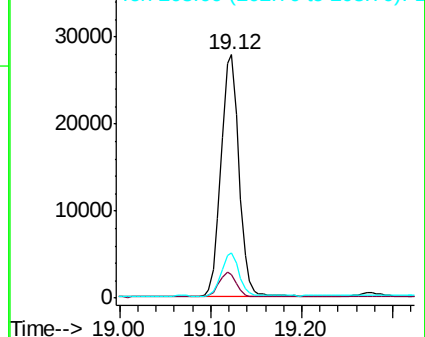
203 17.2 13.8 20.8



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: 21.25 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

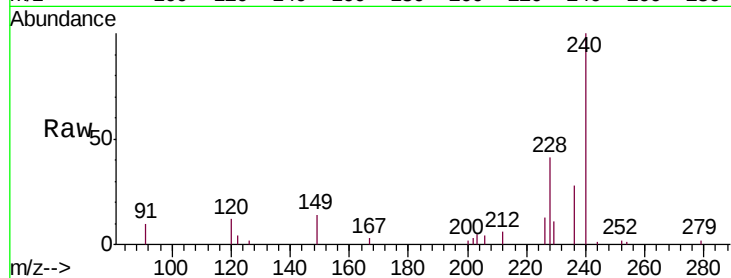
Tgt Ion:240 Resp: 25795

Ion Ratio Lower Upper

240 100

120 11.8 5.4 8.2#

236 27.7 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

25000

20000

15000

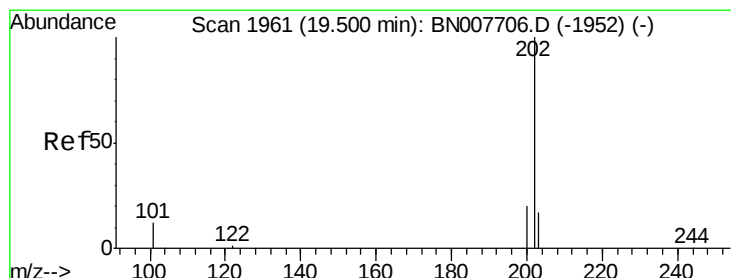
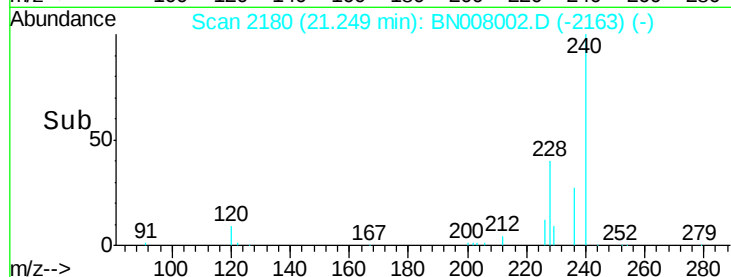
10000

5000

0

21.10 21.20 21.30 21.40

Time-->



#28

Pyrene

Concen: 0.445 ng

RT: 19.49 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

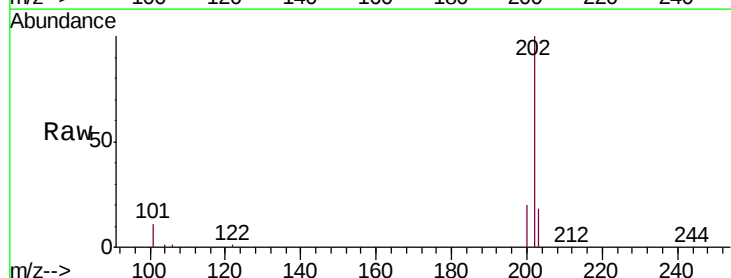
Tgt Ion:202 Resp: 39121

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

203 17.9 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

40000

30000

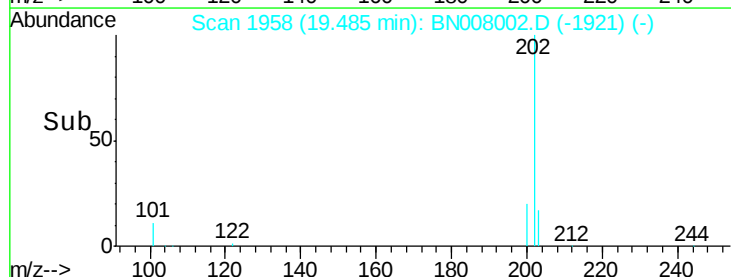
20000

10000

0

19.40 19.50 19.60

Time-->





#29

Terphenyl-d14

Concen: 0.438 ng

RT: 19.69 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

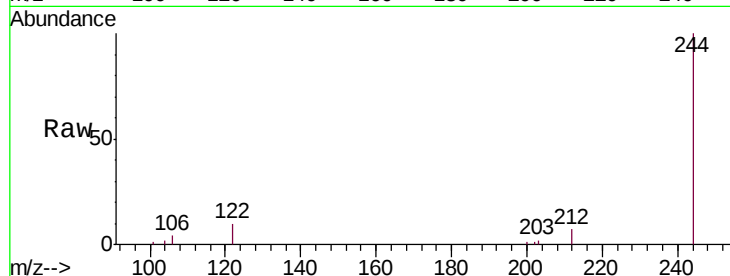
Tgt Ion:244 Resp: 27762

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

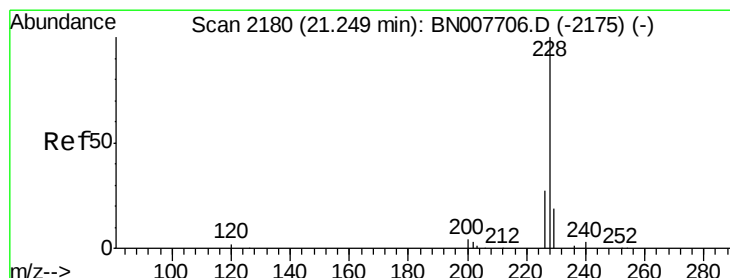
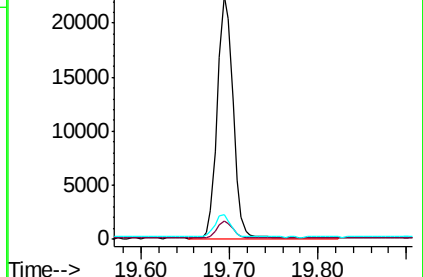
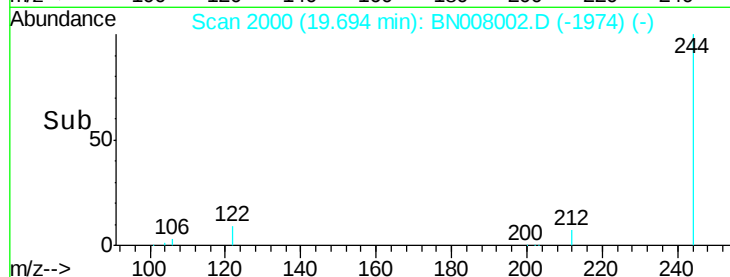
122 10.1 7.4 11.2



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: 0.408 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

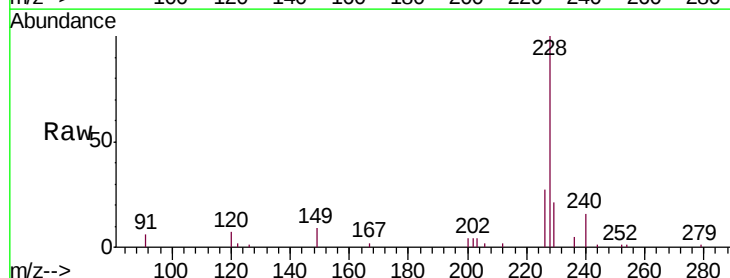
Tgt Ion:228 Resp: 38714

Ion Ratio Lower Upper

228 100

226 27.0 22.1 33.1

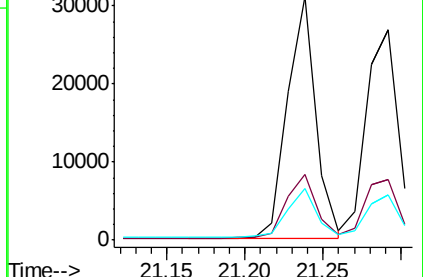
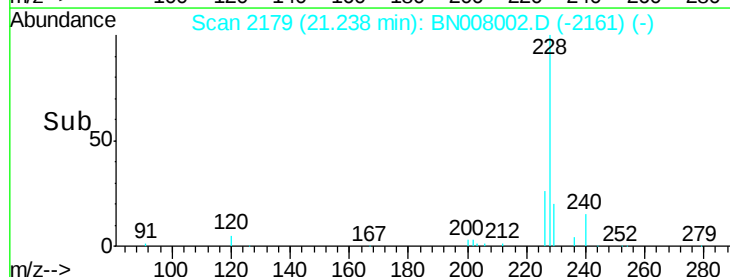
229 21.1 15.8 23.6



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: 0.410 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

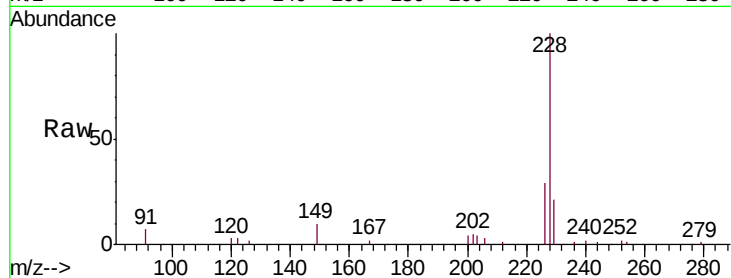
Tgt Ion:228 Resp: 37911

Ion Ratio Lower Upper

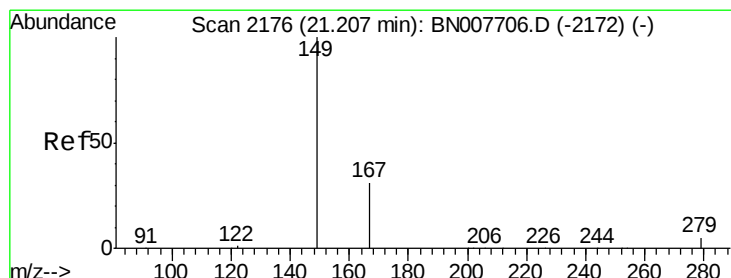
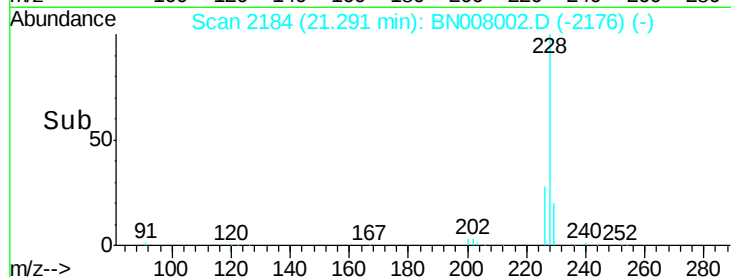
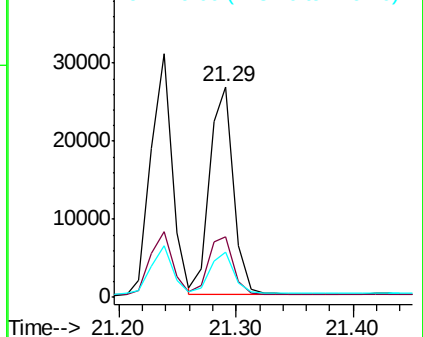
228 100

226 29.0 23.9 35.9

229 21.2 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: 0.479 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.03 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

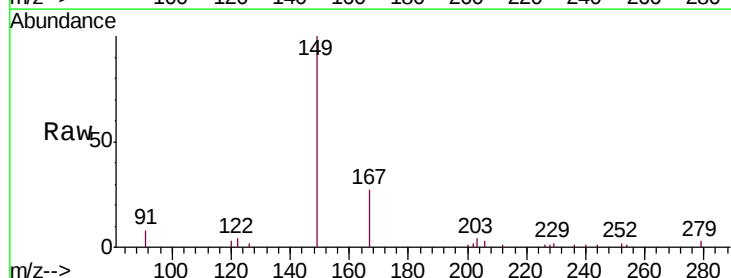
Tgt Ion:149 Resp: 23401

Ion Ratio Lower Upper

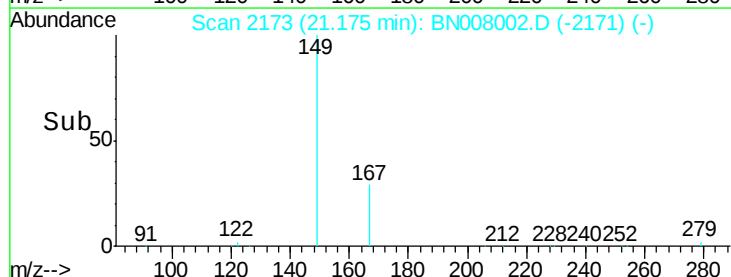
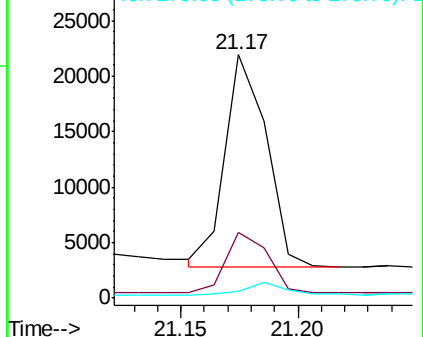
149 100

167 29.0 23.7 35.5

279 5.3 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: 0.375 ng

RT: 25.68 min Scan# 3244

Delta R.T. -0.03 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

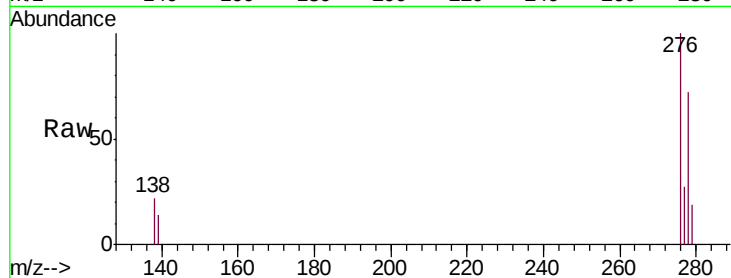
Tgt Ion:276 Resp: 43467

Ion Ratio Lower Upper

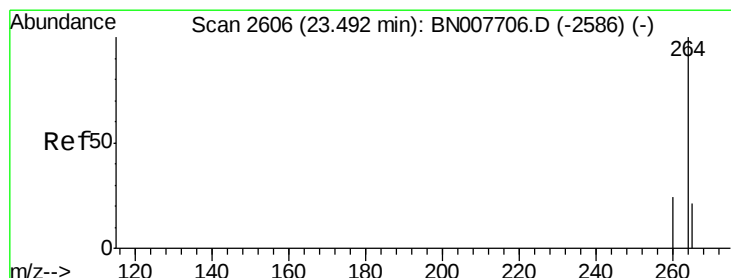
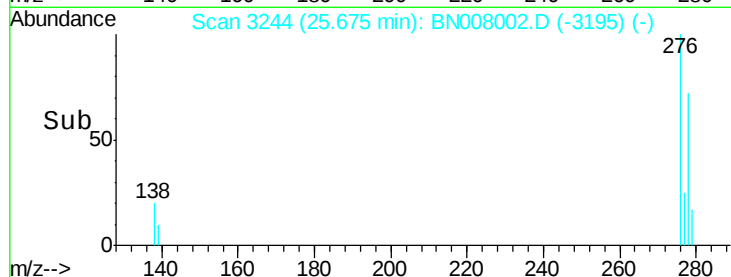
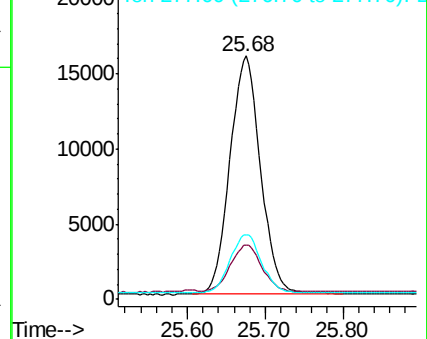
276 100

138 19.9 17.1 25.7

277 25.0 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: BN008002.D

Acq: 04 Oct 2019 04:10

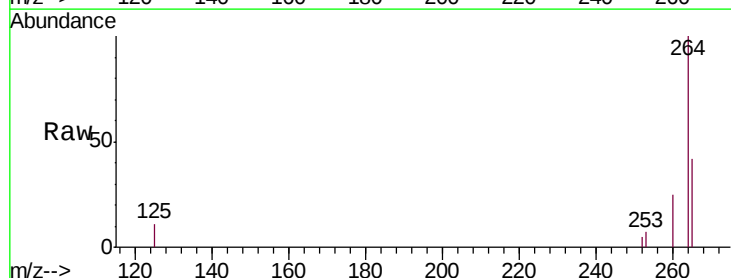
Tgt Ion:264 Resp: 27656

Ion Ratio Lower Upper

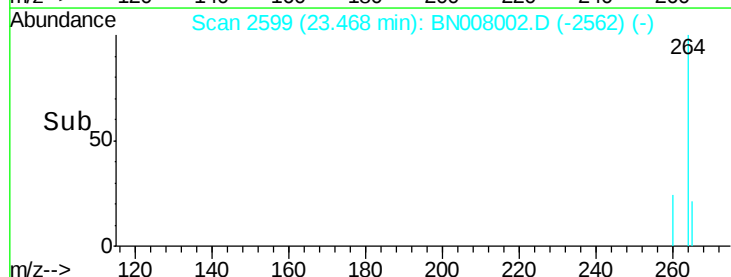
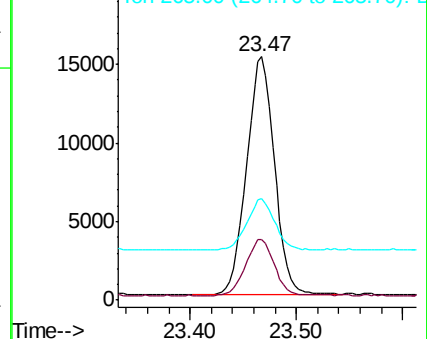
264 100

260 25.0 19.3 28.9

265 41.6 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: 0.404 ng

RT: 22.80 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

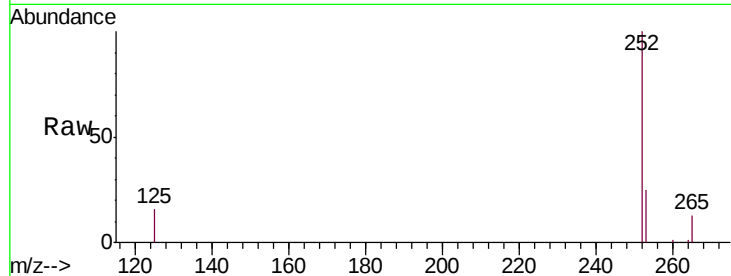
Tgt Ion:252 Resp: 38750

Ion Ratio Lower Upper

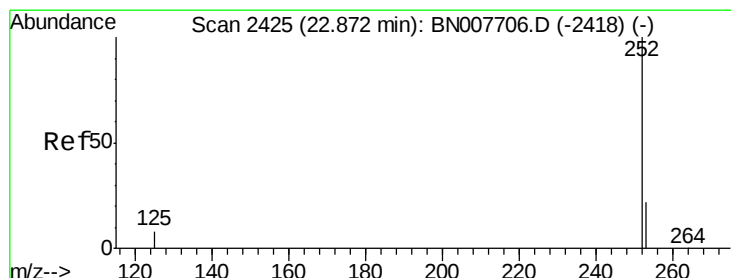
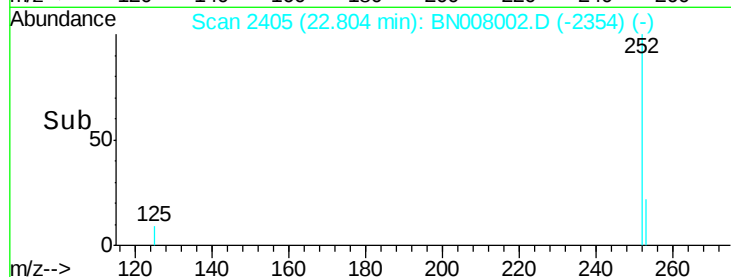
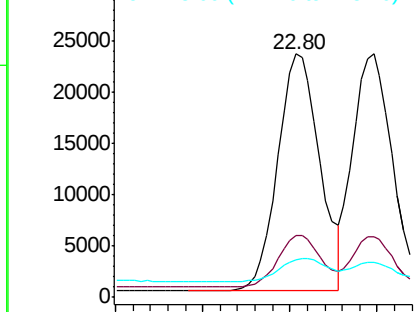
252 100

253 25.4 18.3 27.5

125 15.6 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: 0.385 ng

RT: 22.85 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

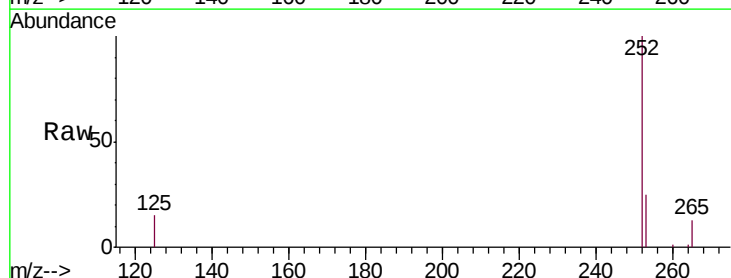
Tgt Ion:252 Resp: 36561

Ion Ratio Lower Upper

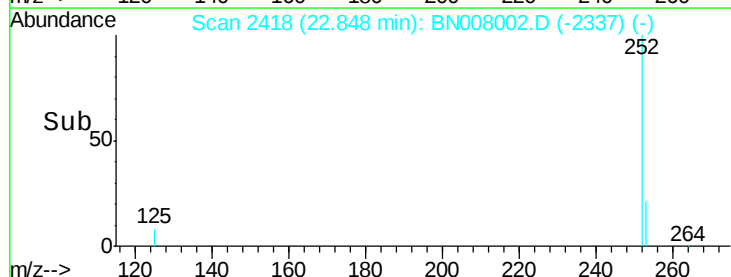
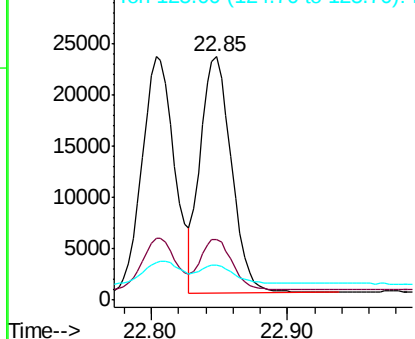
252 100

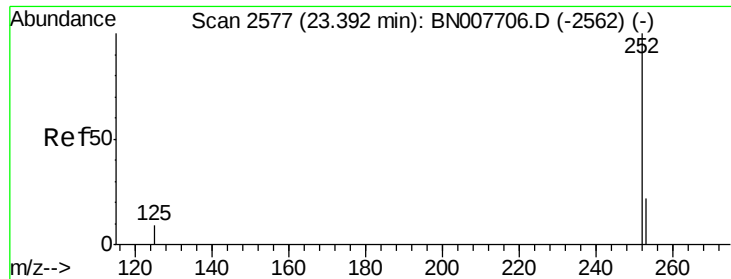
253 25.2 18.5 27.7

125 14.6 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: 0.400 ng

RT: 23.37 min Scan# 2570

Delta R.T. -0.02 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

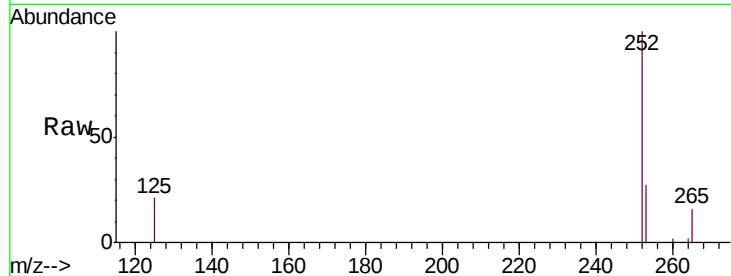
Tgt Ion:252 Resp: 36063

Ion Ratio Lower Upper

252 100

253 27.2 18.6 27.8

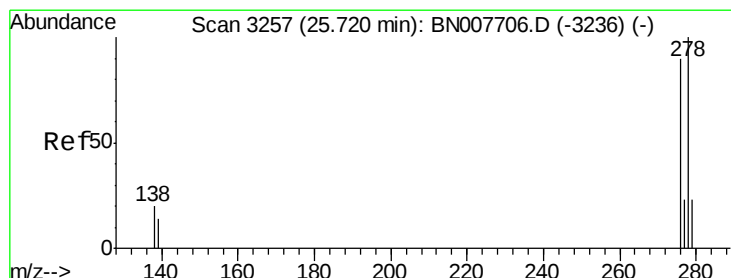
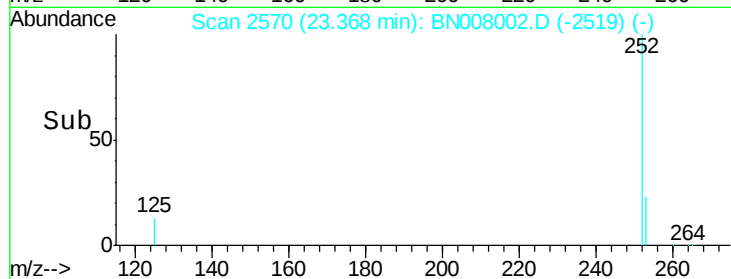
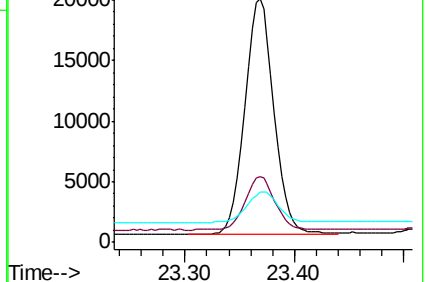
125 20.5 9.4 14.0#



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: 0.384 ng

RT: 25.69 min Scan# 3247

Delta R.T. -0.03 min

Lab File: BN008002.D

Acq: 04 Oct 2019 04:10

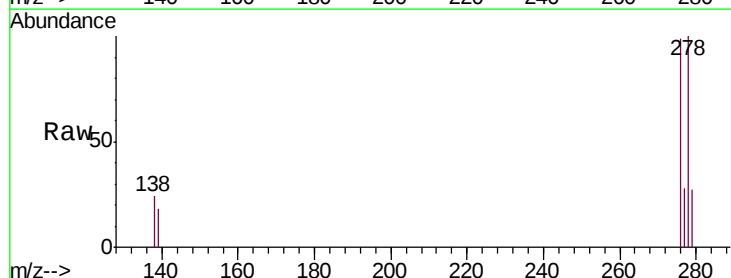
Tgt Ion:278 Resp: 35496

Ion Ratio Lower Upper

278 100

139 18.1 11.8 17.6#

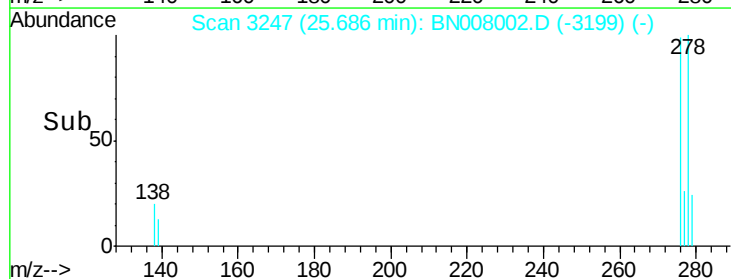
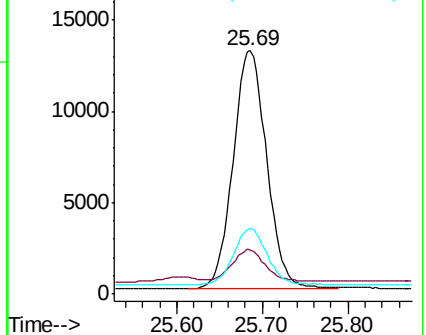
279 26.8 19.4 29.2



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: 0.391 ng

RT: 26.35 min Scan# 3440

Delta R.T. -0.03 min

Lab File: BN008002.D

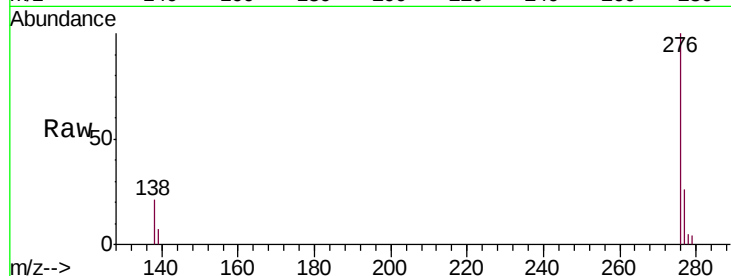
Acq: 04 Oct 2019 04:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 35731

Ion Ratio Lower Upper

276 100

277 26.3 19.8 29.8

138 21.0 15.1 22.7

