

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092719\
 Data File : BN007888.D
 Acq On : 27 Sep 2019 16:40
 Operator : JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 27 18:45:57 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	8626	0.40	ng	-0.02
7) Naphthalene-d8	10.46	136	34425	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	20832	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	43619	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	48105	0.40	ng	-0.01
34) Perylene-d12	23.48	264	52402	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.29	112	11274	0.38	ng	-0.02
5) Phenol-d6	6.86	99	15069	0.41	ng	-0.02
8) Nitrobenzene-d5	8.82	82	13442	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	24596	0.42	ng	-0.02
14) 2,4,6-Tribromophenol	15.81	330	4402	0.39	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	34860	0.41	ng	-0.01
25) Fluoranthene-d10	19.09	212	61368	0.42	ng	-0.01
29) Terphenyl-d14	19.70	244	52965	0.45	ng	-0.01

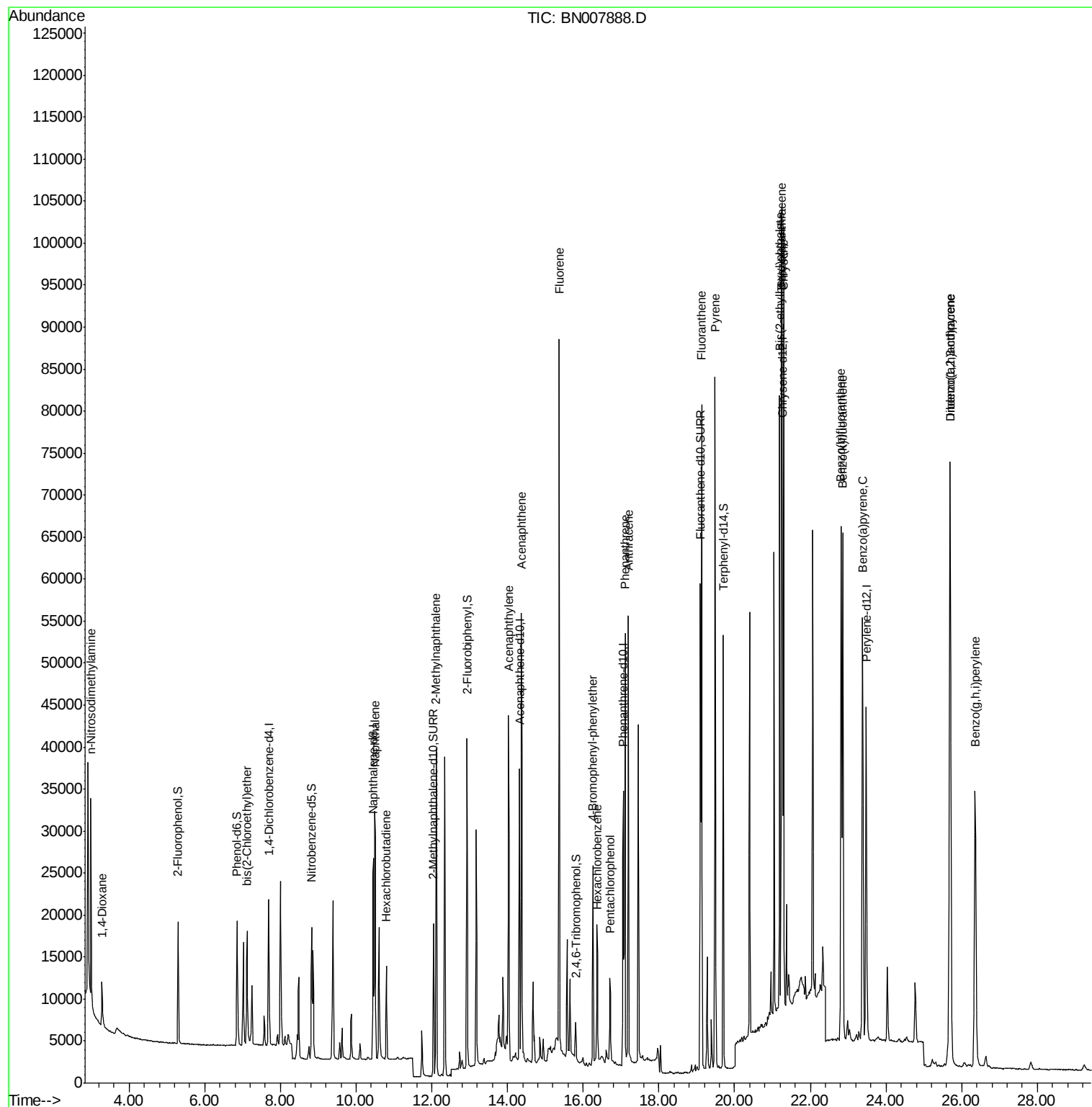
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	4376	0.455	ng	92
3) n-Nitrosodimethylamine	2.99	42	3115	0.707	ng	# 86
6) bis(2-Chloroethyl)ether	7.11	93	12630	0.517	ng	# 90
9) Naphthalene	10.49	128	41278	0.427	ng	99
10) Hexachlorobutadiene	10.80	225	8963	0.440	ng	# 99
12) 2-Methylnaphthalene	12.12	142	28058	0.430	ng	99
16) Acenaphthylene	14.02	152	47323	0.428	ng	99
17) Acenaphthene	14.37	154	28289	0.397	ng	99
18) Fluorene	15.36	166	36959	0.405	ng	84
20) 4-Bromophenyl-phenylether	16.25	248	11567	0.437	ng	# 79
21) Hexachlorobenzene	16.38	284	12788	0.442	ng	98
22) Pentachlorophenol	16.71	266	5699	0.534	ng	95
23) Phenanthrene	17.10	178	58720	0.432	ng	99
24) Anthracene	17.19	178	55397	0.451	ng	99
26) Fluoranthene	19.12	202	71158	0.421	ng	100
28) Pyrene	19.49	202	74007	0.451	ng	98
30) Benzo(a)anthracene	21.24	228	76242	0.430	ng	97
31) Chrysene	21.29	228	72779	0.422	ng	99
32) Bis(2-ethylhexyl)phthalate	21.19	149	66816	0.733	ng	98
33) Indeno(1,2,3-cd)pyrene	25.69	276	84583	0.391	ng	99
35) Benzo(b)fluoranthene	22.81	252	78062	0.429	ng	99
36) Benzo(k)fluoranthene	22.86	252	74122	0.412	ng	99
37) Benzo(a)pyrene	23.38	252	71964	0.421	ng	# 97
38) Dibenzo(a,h)anthracene	25.70	278	68388	0.391	ng	100
39) Benzo(g,h,i)perylene	26.36	276	70338	0.406	ng	99

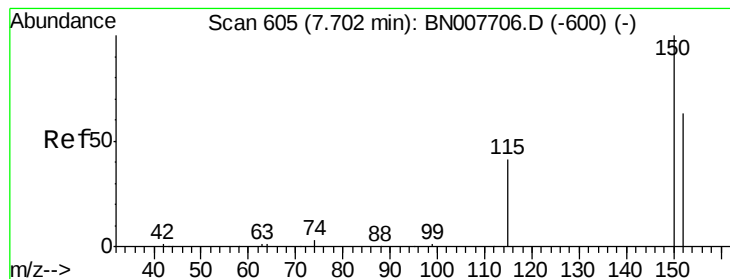
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092719\
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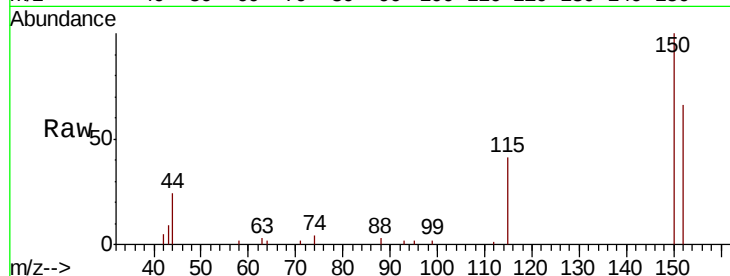


#1

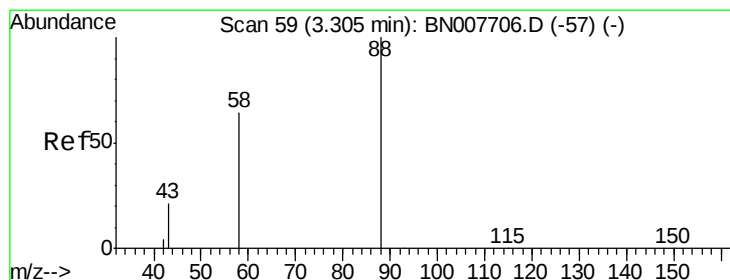
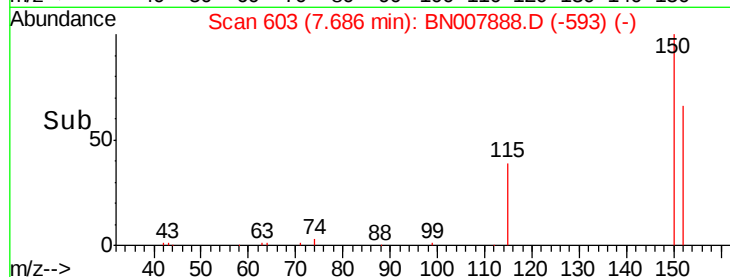
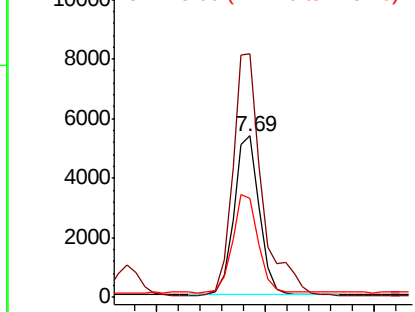
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 8626
Ion Ratio Lower Upper
152 100
150 151.0 125.6 188.4
115 61.4 53.3 79.9



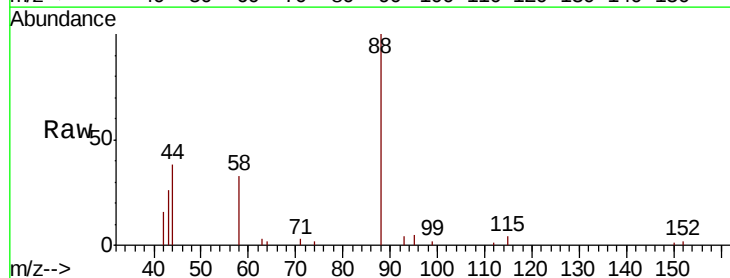
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



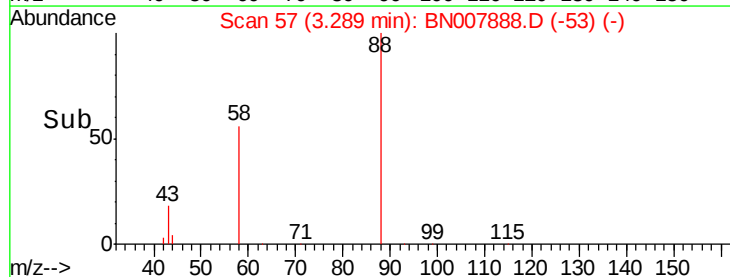
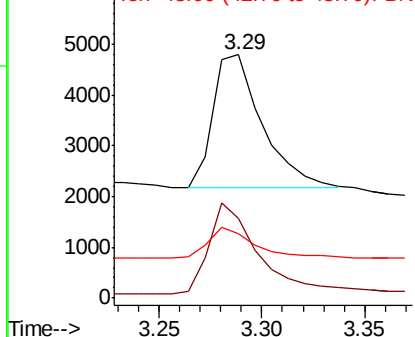
#2

1,4-Dioxane
Concen: 0.455 ng
RT: 3.29 min Scan# 57
Delta R.T. -0.02 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Tgt Ion: 88 Resp: 4376
Ion Ratio Lower Upper
88 100
58 62.2 44.6 66.8
43 20.0 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



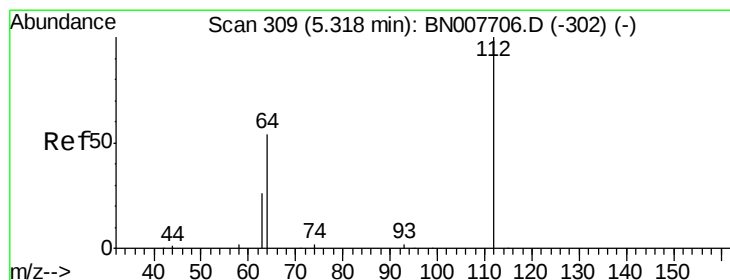
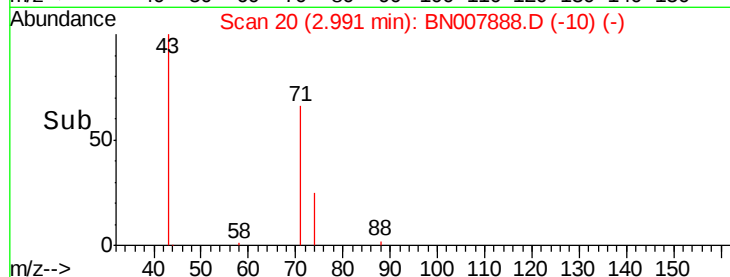
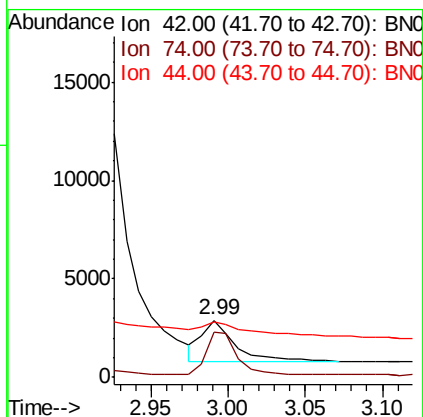
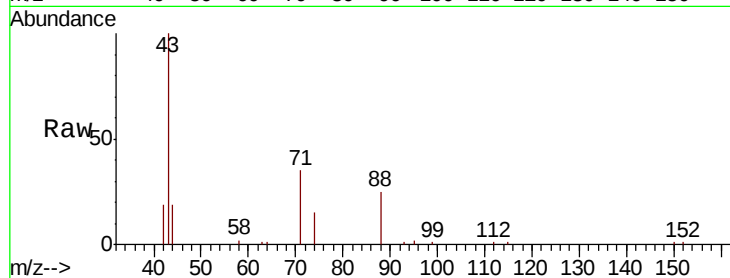


#3

n-Nitrosodimethylamine
 Concen: 0.707 ng
 RT: 2.99 min Scan# 20
 Delta R.T. -0.02 min
 Lab File: BN007888.D
 Acq: 27 Sep 2019 16:40

Instrument :
 BNA_N
 ClientSampleId :

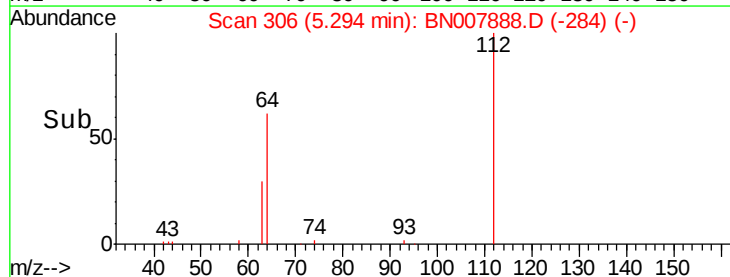
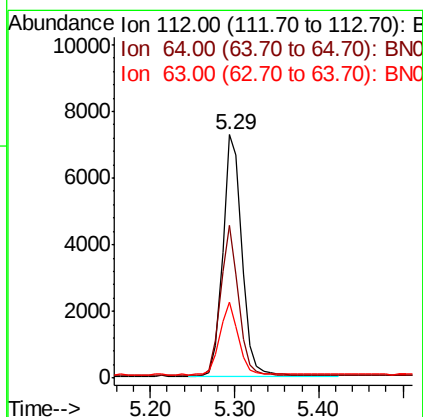
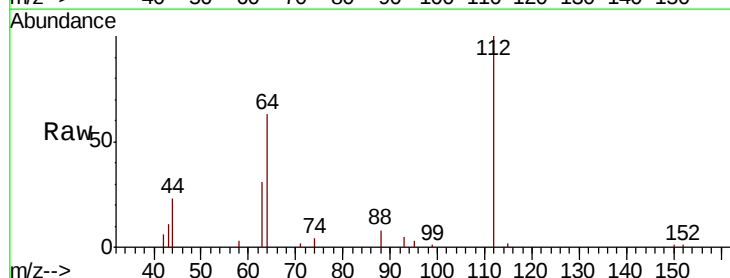
Tot Ion	42	Resp	3115
Ion Ratio	Lower	Upper	
42	100		
74	95.8	87.9	131.9
44	45.3	29.4	44.0#



#4

2-Fluorophenol
 Concen: 0.380 ng
 RT: 5.29 min Scan# 306
 Delta R.T. -0.02 min
 Lab File: BN007888.D
 Acq: 27 Sep 2019 16:40

Tgt Ion	112	Resp	11274
Ion Ratio	Lower	Upper	
112	100		
64	58.5	46.6	70.0
63	28.8	23.1	34.7





#5

Phenol-d6

Concen: 0.407 ng

RT: 6.86 min Scan# 500

Delta R.T. -0.02 min

Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

Instrument :

BNA_N

ClientSampleId :

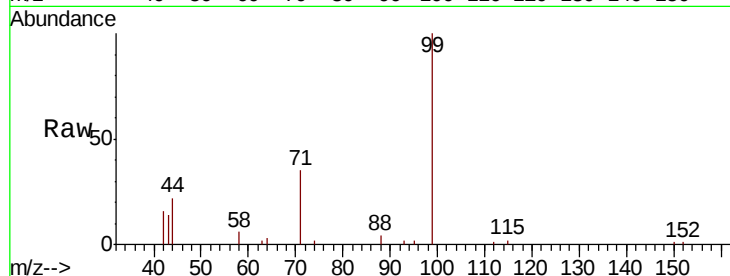
Tot Ion: 99 Resp: 15069

Ion Ratio Lower Upper

99 100

42 14.1 12.8 19.2

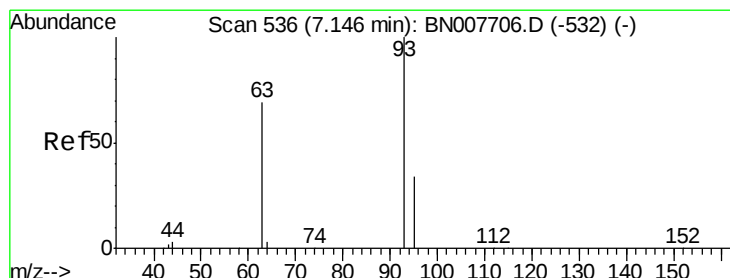
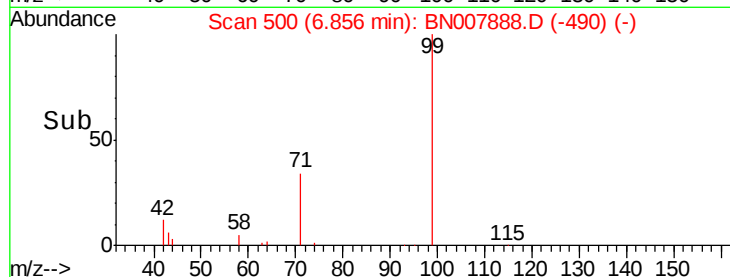
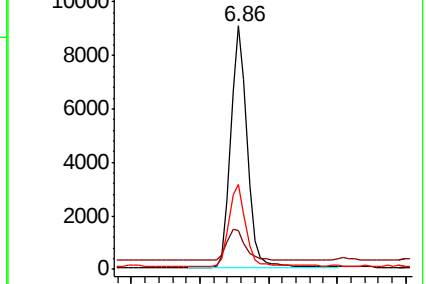
71 34.5 27.6 41.4



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: 0.517 ng

RT: 7.11 min Scan# 532

Delta R.T. -0.03 min

Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

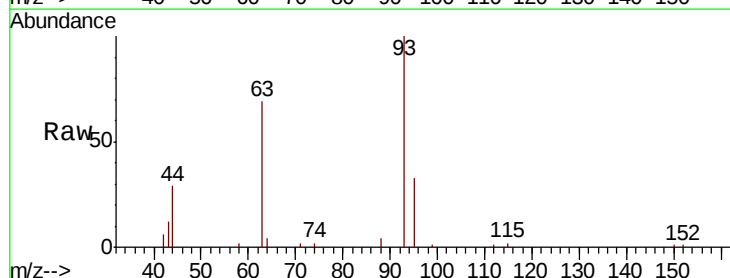
Tgt Ion: 93 Resp: 12630

Ion Ratio Lower Upper

93 100

63 66.8 59.3 88.9

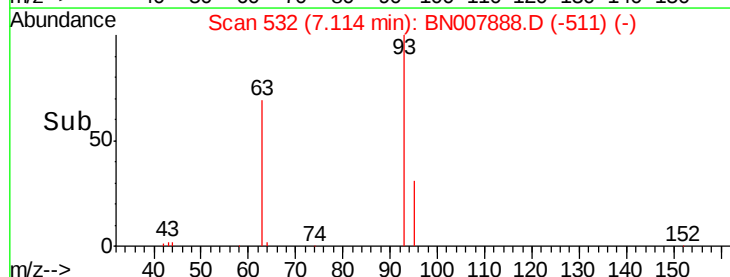
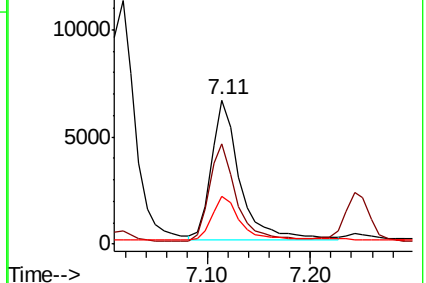
95 31.3 31.4 47.0#



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: BN007888.D

Acq: 27 Sep 2019 16:40

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 34425

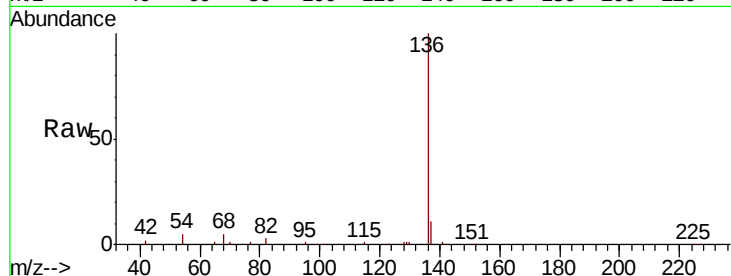
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 4.5 5.8 8.8#

68 5.3 6.5 9.7#

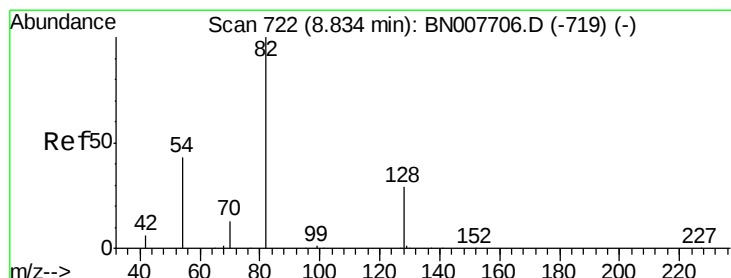
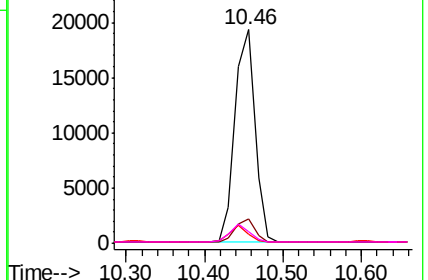
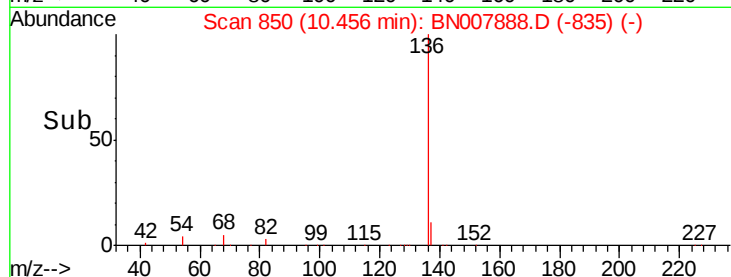


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.446 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

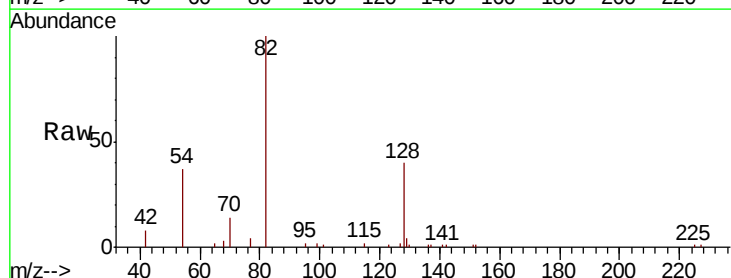
Tgt Ion: 82 Resp: 13442

Ion Ratio Lower Upper

82 100

128 39.9 24.5 36.7#

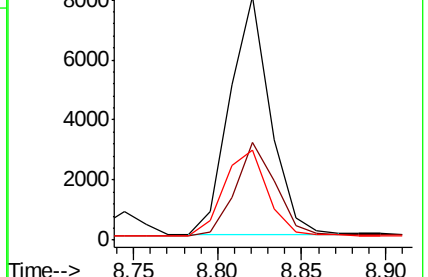
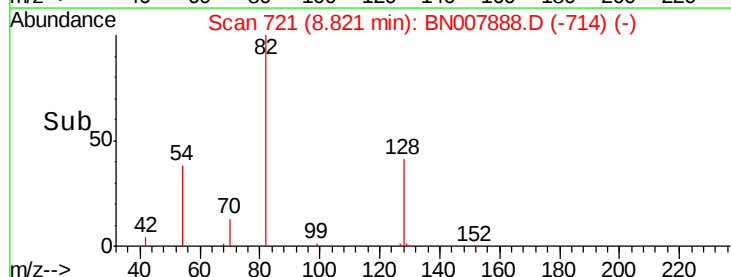
54 36.7 35.2 52.8



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: 0.427 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

Instrument :

BNA_N

ClientSampleId :

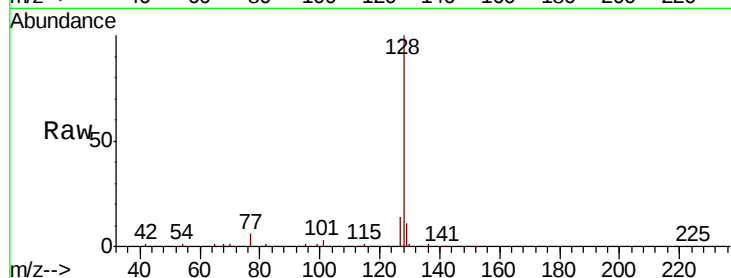
Tot Ion:128 Resp: 41278

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

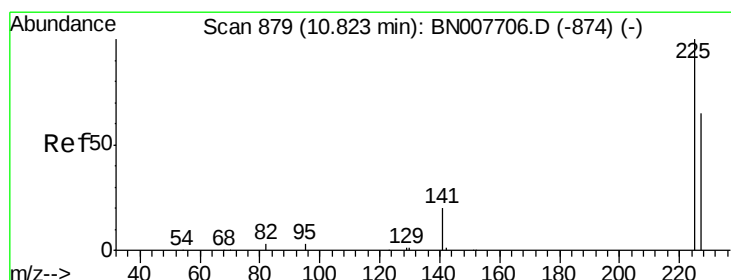
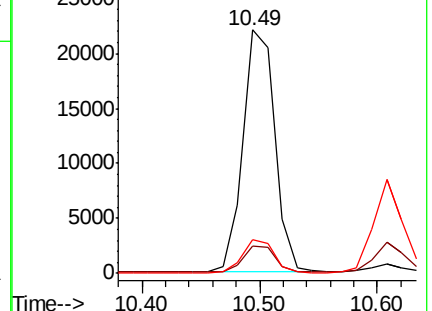
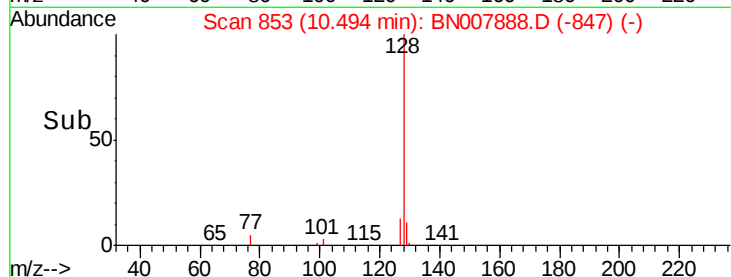
127 13.7 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.440 ng

RT: 10.80 min Scan# 877

Delta R.T. -0.03 min

Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

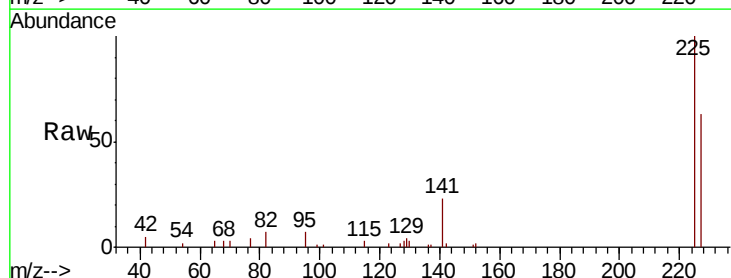
Tgt Ion:225 Resp: 8963

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

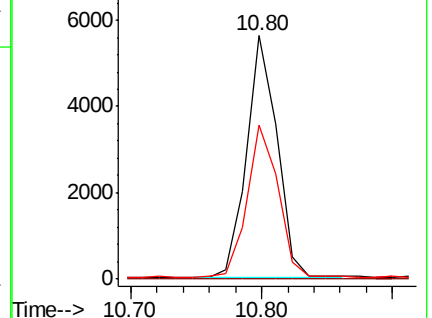
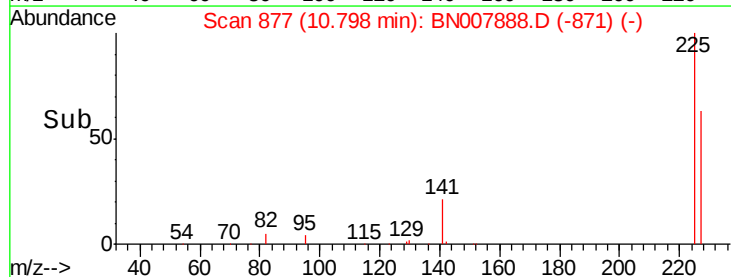
227 63.5 51.2 76.8

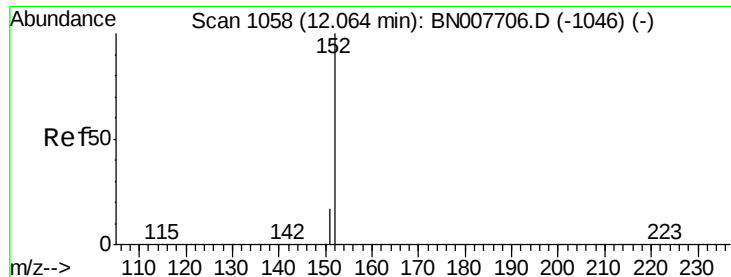


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

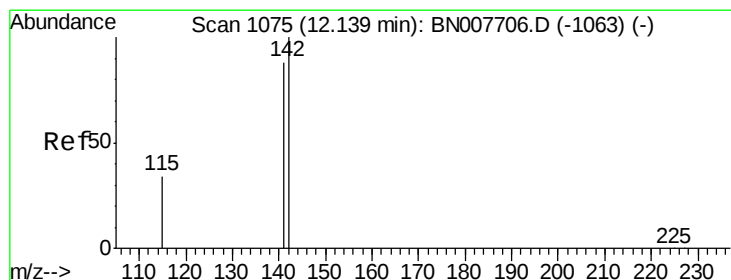
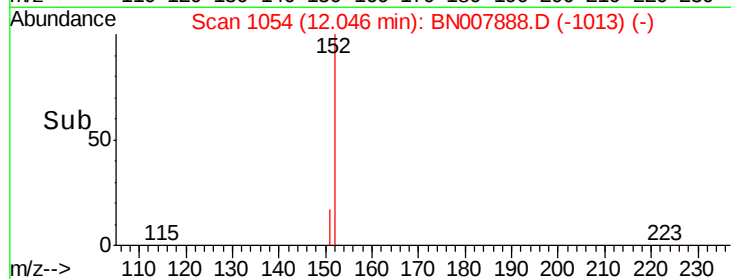
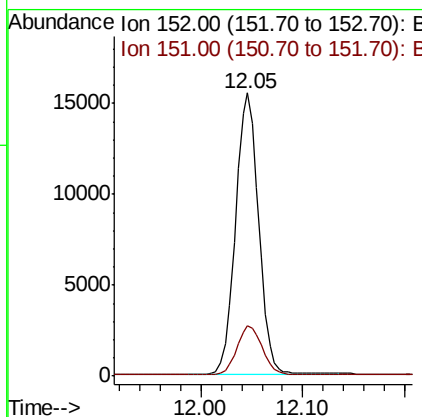
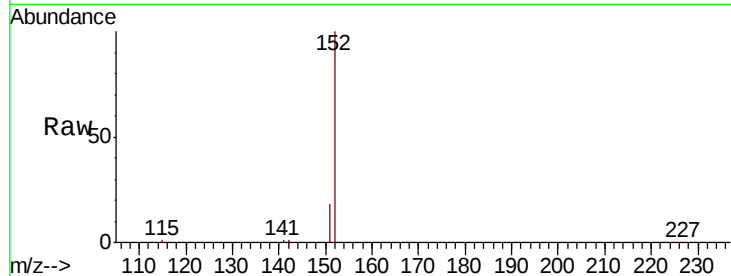




#11
 2-Methylnaphthalene-d10
 Concen: 0.424 ng
 RT: 12.05 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BN007888.D
 Acq: 27 Sep 2019 16:40

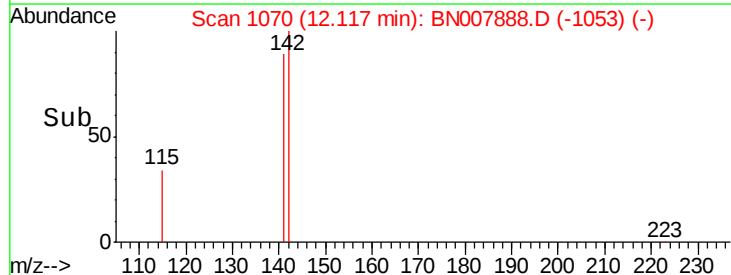
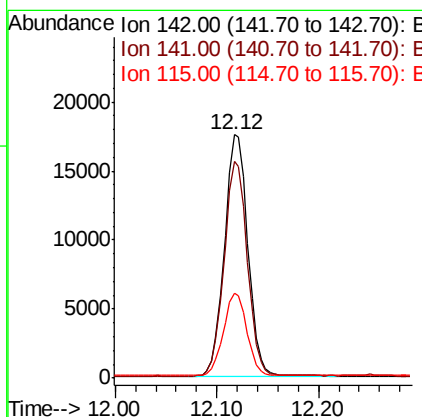
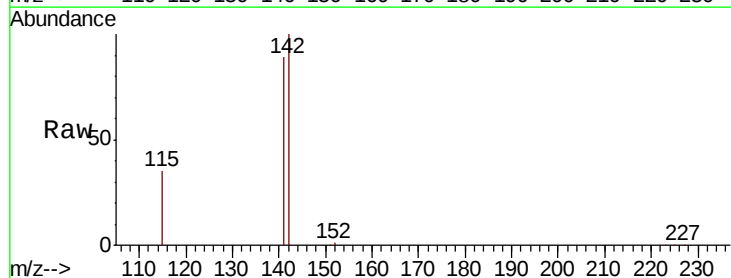
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:152 Resp: 24596
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.430 ng
 RT: 12.12 min Scan# 1070
 Delta R.T. -0.02 min
 Lab File: BN007888.D
 Acq: 27 Sep 2019 16:40

Tgt Ion:142 Resp: 28058
 Ion Ratio Lower Upper
 142 100
 141 88.8 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: BN007888.D

Acq: 27 Sep 2019 16:40

Instrument :

BNA_N

ClientSampleId :

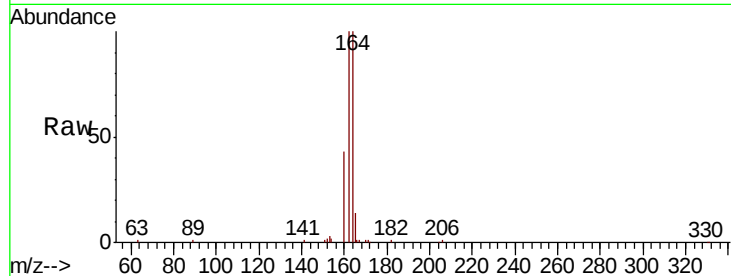
Tot Ion:164 Resp: 20832

Ion Ratio Lower Upper

164 100

162 99.8 81.7 122.5

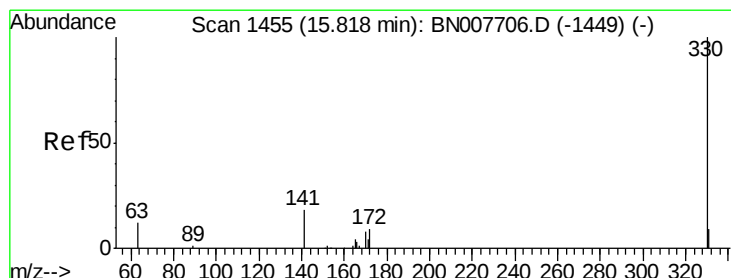
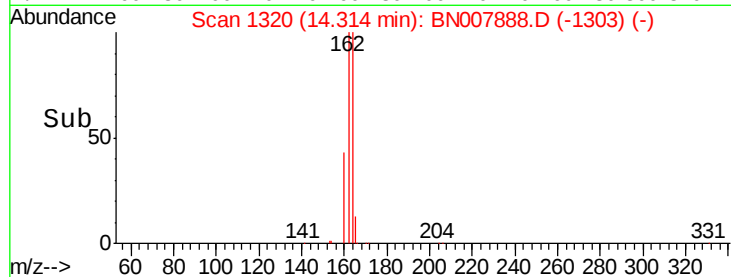
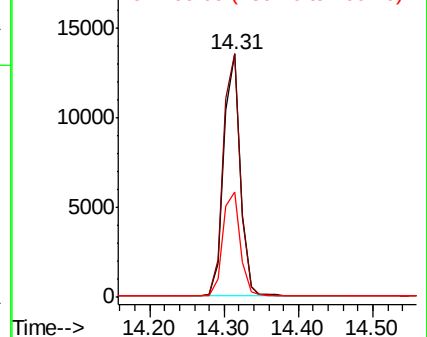
160 43.5 37.0 55.4



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: 0.388 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

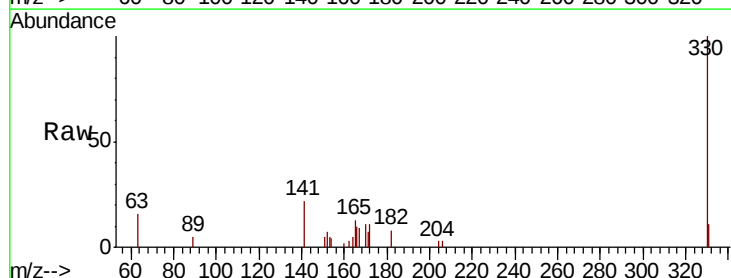
Tgt Ion:330 Resp: 4402

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

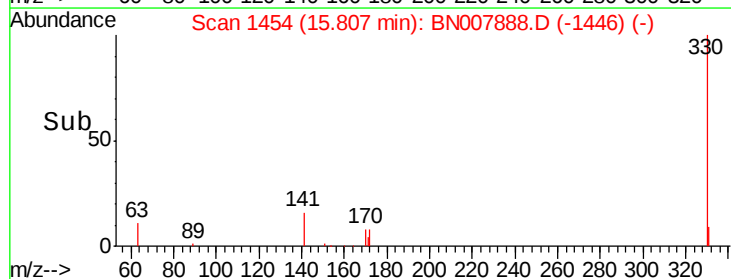
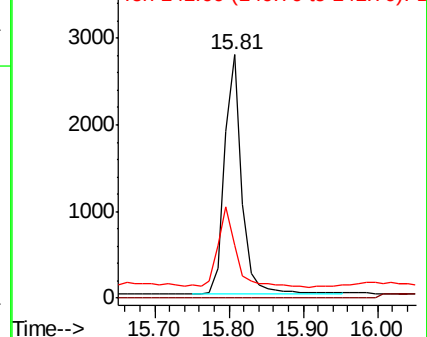
141 35.1 28.7 43.1



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

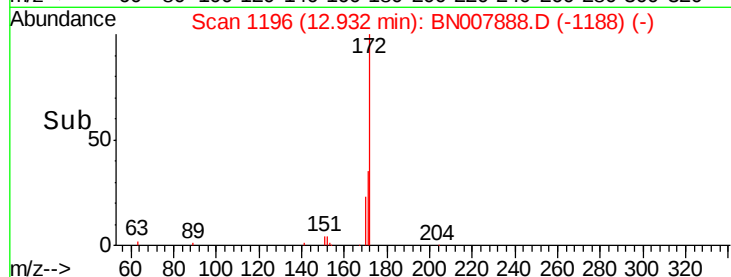
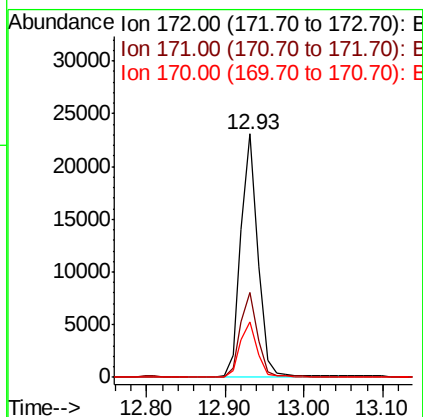
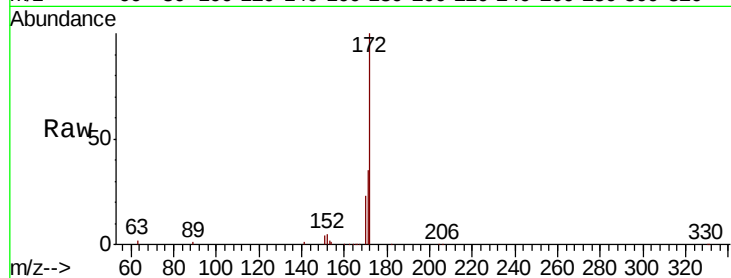




#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

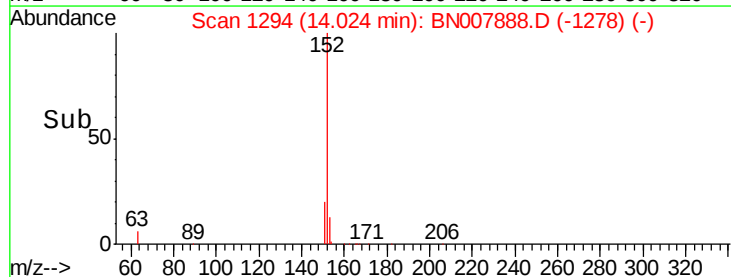
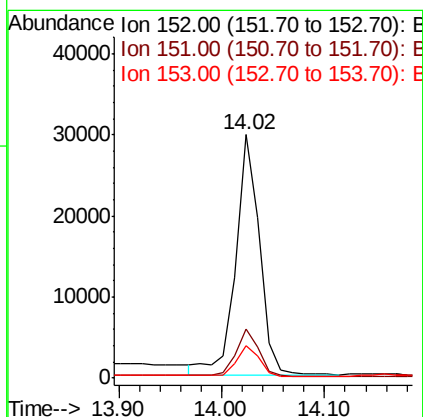
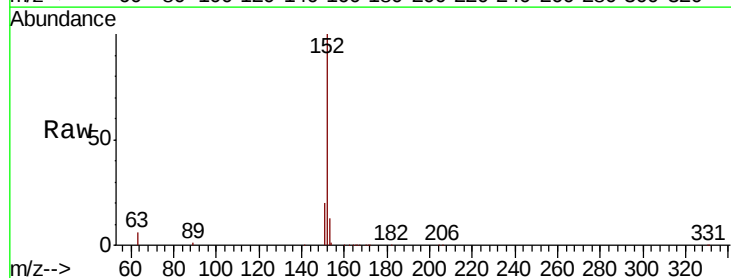
Instrument :
BNA_N
ClientSampleId :

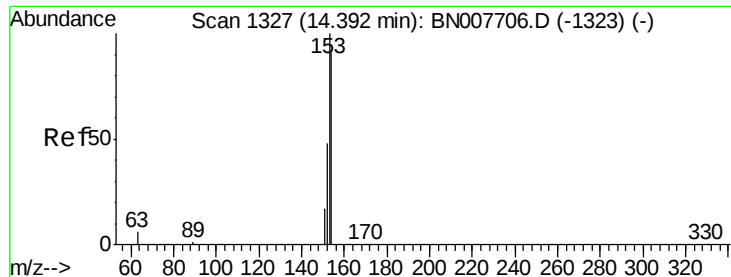
Tot Ion:172 Resp: 34860
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 22.9 19.5 29.3



#16
Acenaphthylene
Concen: 0.428 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Tgt Ion:152 Resp: 47323
Ion Ratio Lower Upper
152 100
151 19.0 15.5 23.3
153 12.6 10.4 15.6





#17

Acenaphthene

Concen: 0.397 ng

RT: 14.37 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

Instrument :

BNA_N

ClientSampleId :

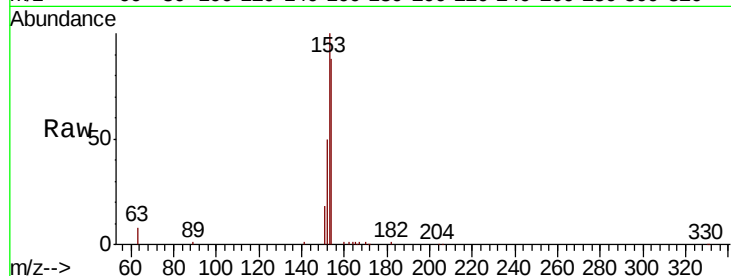
Tot Ion:154 Resp: 28289

Ion Ratio Lower Upper

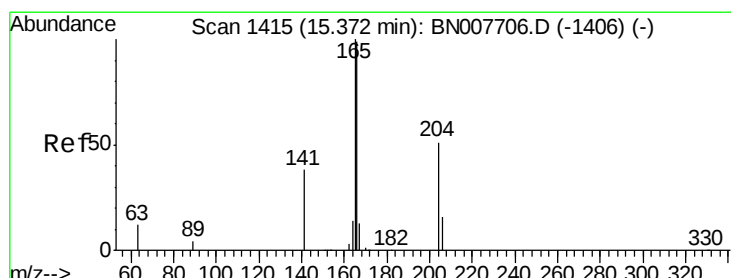
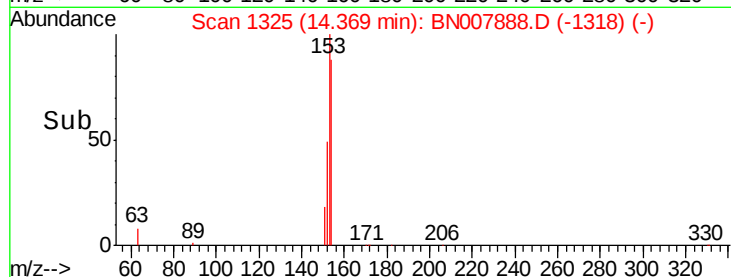
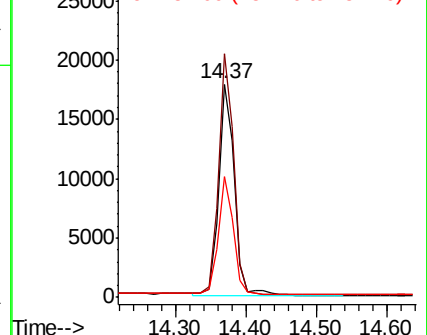
154 100

153 107.7 87.0 130.4

152 52.5 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: 0.405 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

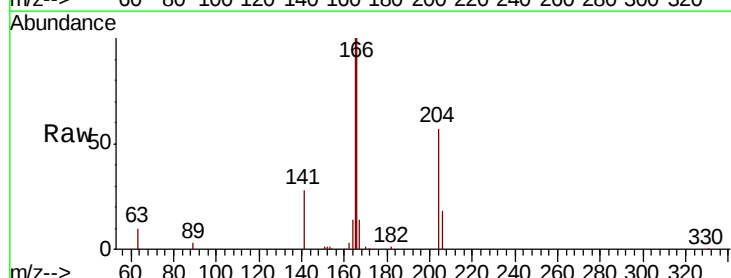
Tgt Ion:166 Resp: 36959

Ion Ratio Lower Upper

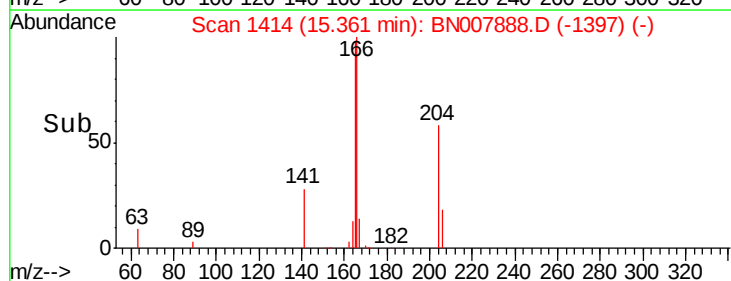
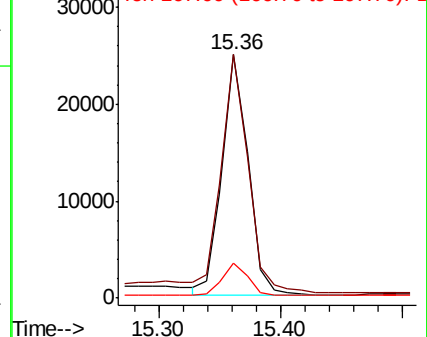
166 100

165 115.6 78.0 117.0

167 12.9 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: BN007888.D

Acq: 27 Sep 2019 16:40

Instrument :

BNA_N

ClientSampleId :

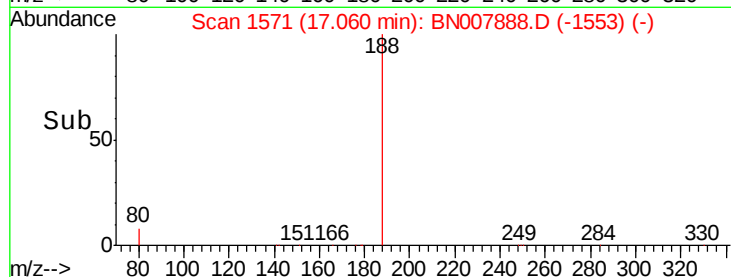
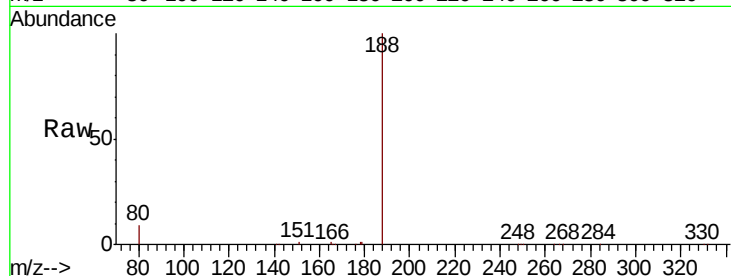
Tot Ion:188 Resp: 43619

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

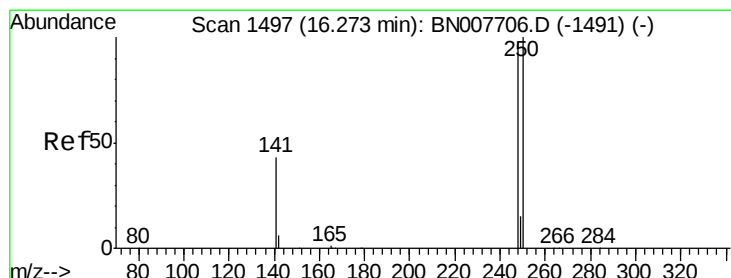
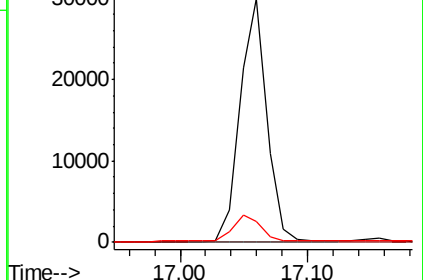
80 8.6 7.4 11.2



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: 0.437 ng

RT: 16.25 min Scan# 1495

Delta R.T. -0.02 min

Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

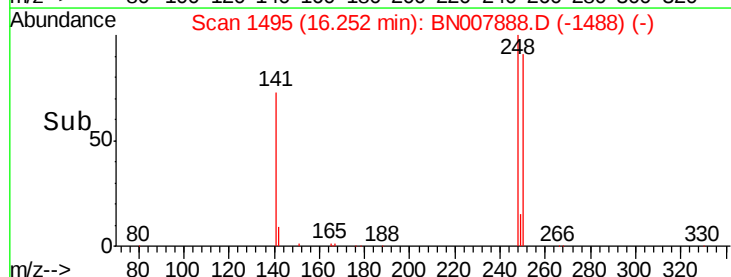
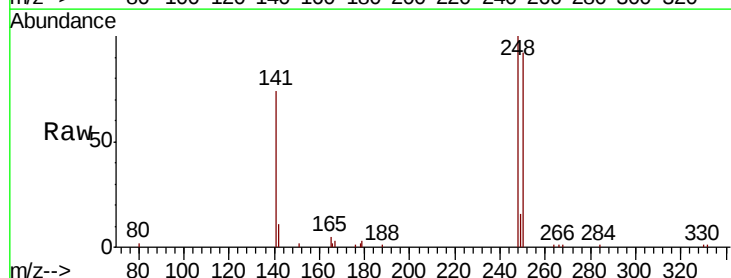
Tgt Ion:248 Resp: 11567

Ion Ratio Lower Upper

248 100

250 91.6 82.2 123.4

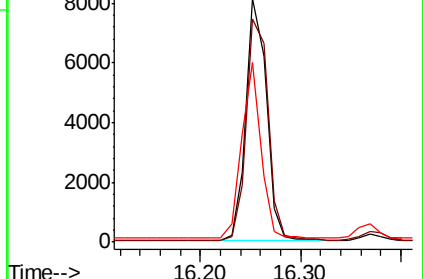
141 73.9 36.3 54.5#



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

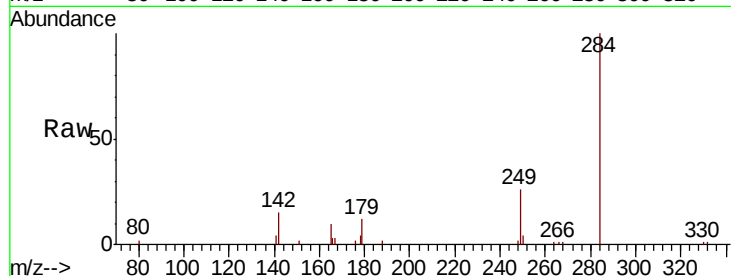




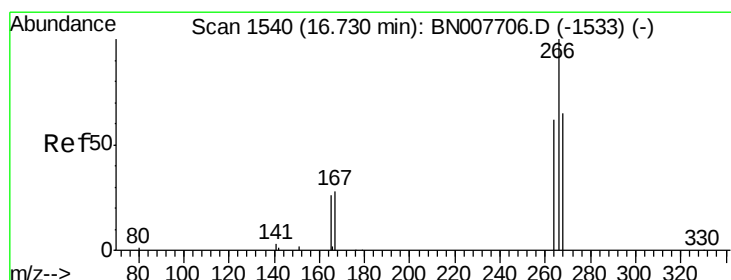
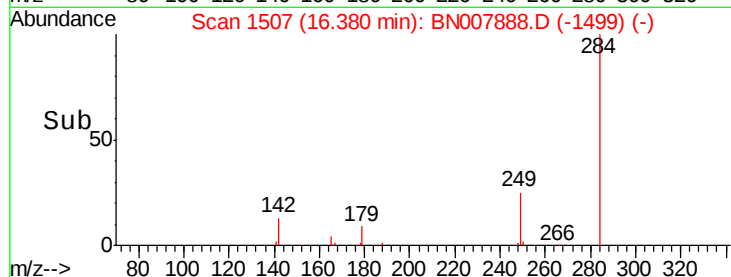
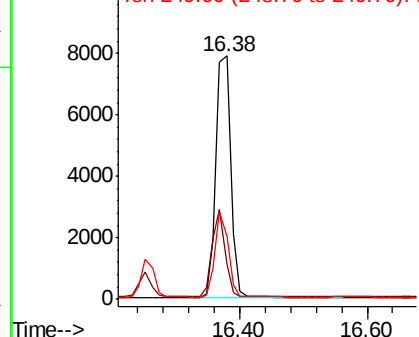
#21
Hexachlorobenzene
Concen: 0.442 ng
RT: 16.38 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 12788
Ion Ratio Lower Upper
284 100
142 31.4 25.8 38.6
249 30.8 25.9 38.9

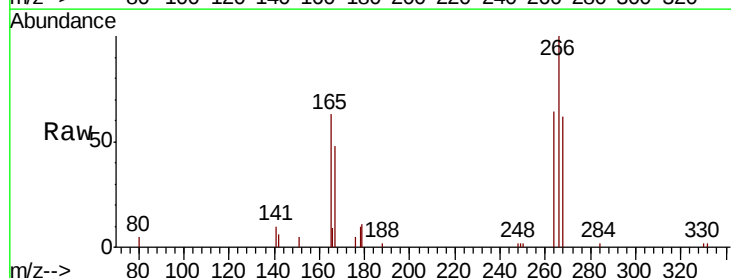


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

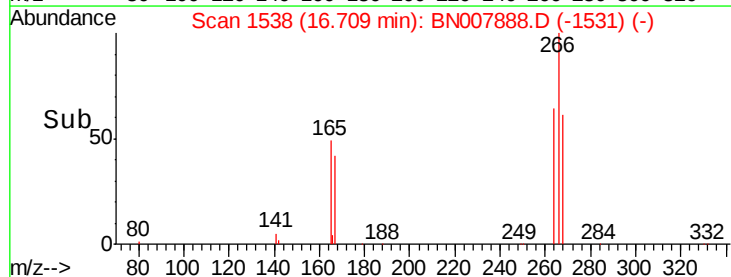
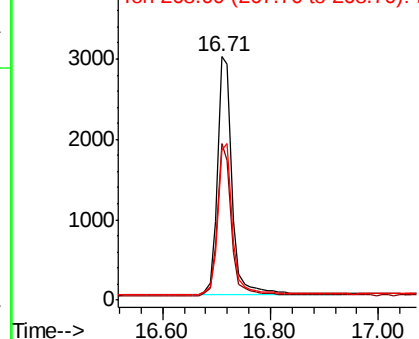


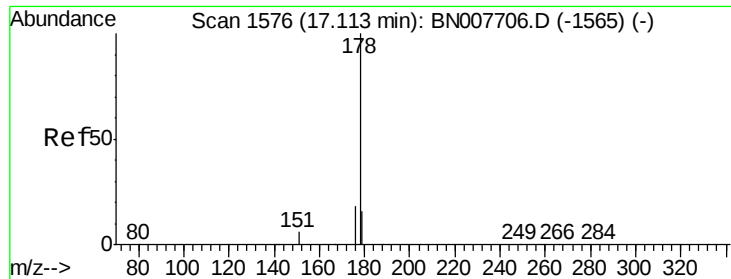
#22
Pentachlorophenol
Concen: 0.534 ng
RT: 16.71 min Scan# 1538
Delta R.T. -0.02 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Tgt Ion:266 Resp: 5699
Ion Ratio Lower Upper
266 100
264 64.4 50.0 75.0
268 61.7 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: 0.432 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

Instrument :

BNA_N

ClientSampleId :

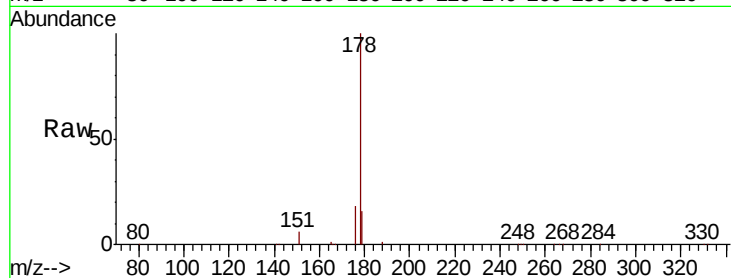
Tot Ion:178 Resp: 58720

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

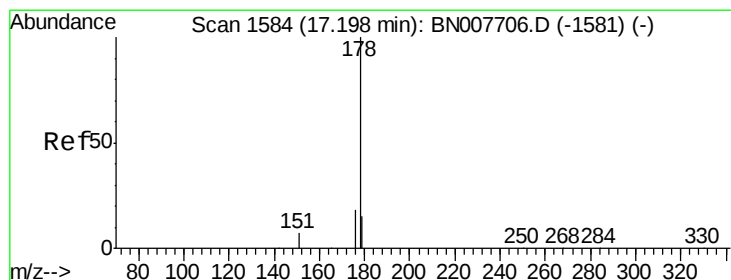
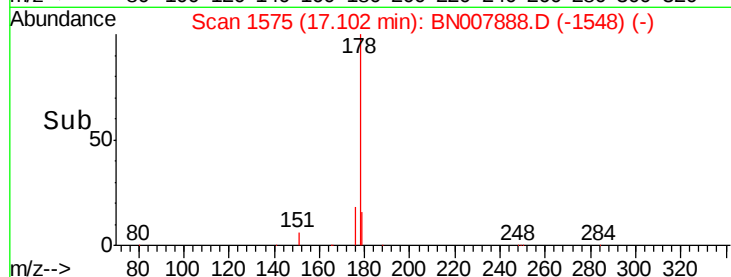
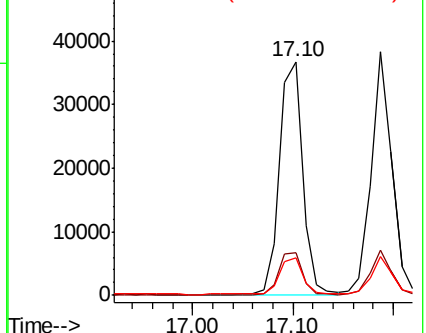
179 16.0 12.5 18.7



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: 0.451 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

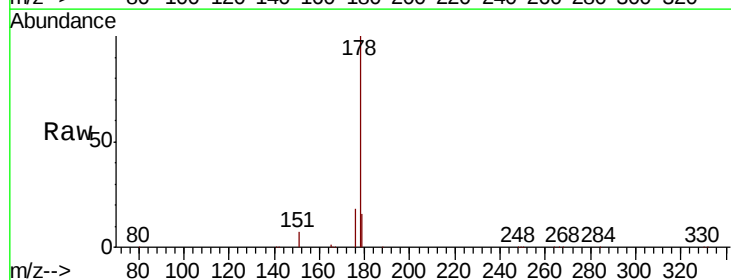
Tgt Ion:178 Resp: 55397

Ion Ratio Lower Upper

178 100

176 17.8 14.6 21.8

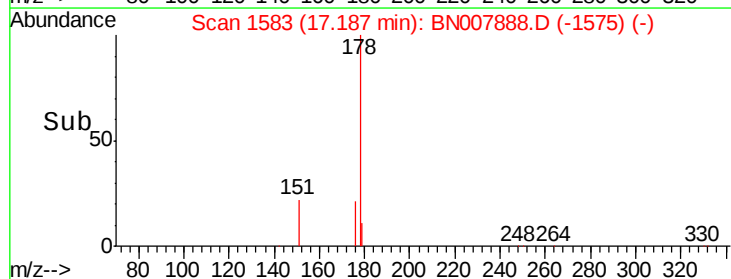
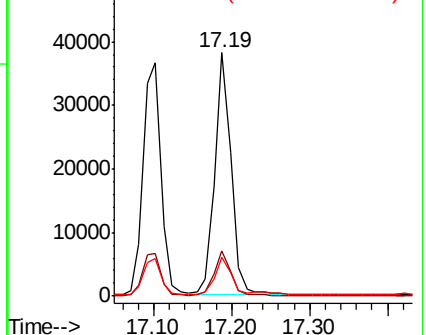
179 14.8 12.2 18.4

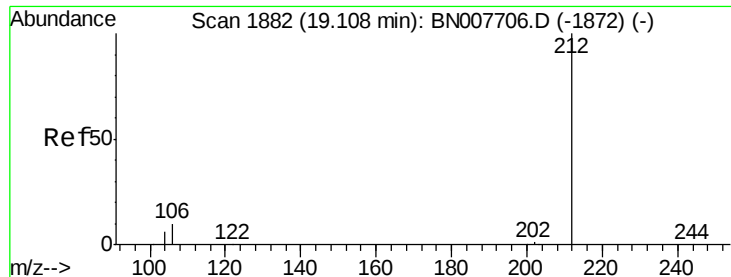


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.417 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

Instrument :

BNA_N

ClientSampleId :

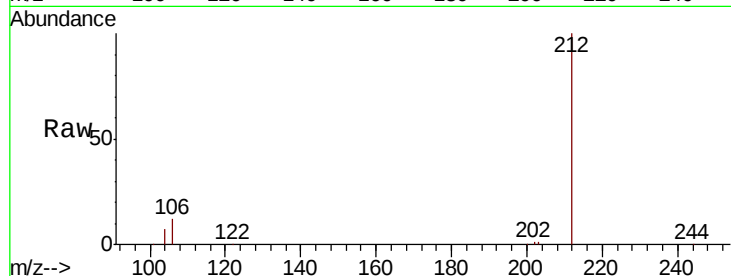
Tot Ion:212 Resp: 61368

Ion Ratio Lower Upper

212 100

106 11.7 9.4 14.0

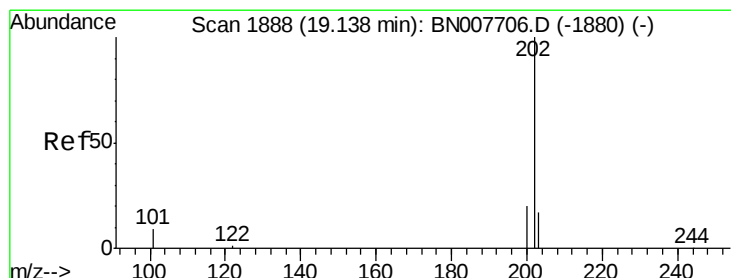
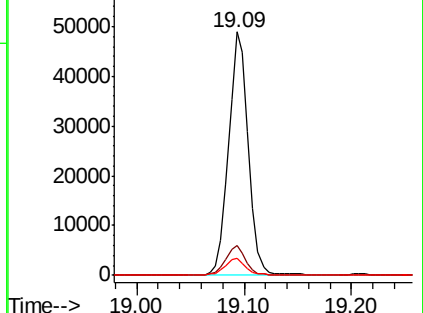
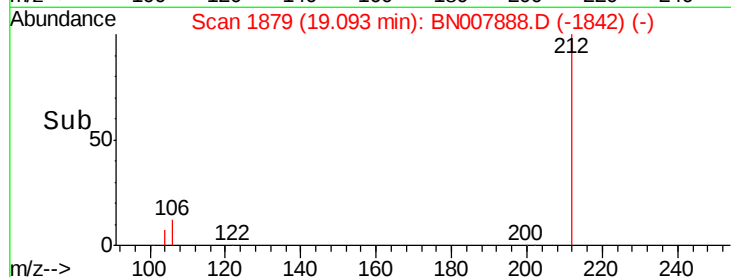
104 6.7 5.3 7.9



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: 0.421 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

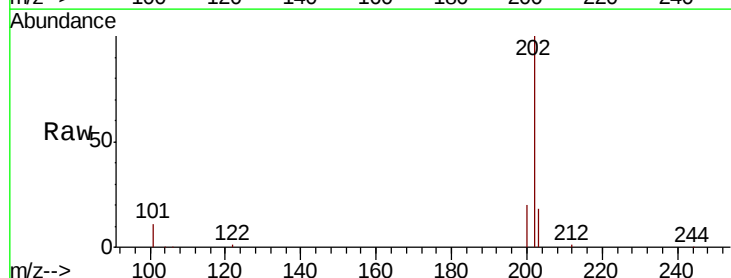
Tgt Ion:202 Resp: 71158

Ion Ratio Lower Upper

202 100

101 10.4 8.4 12.6

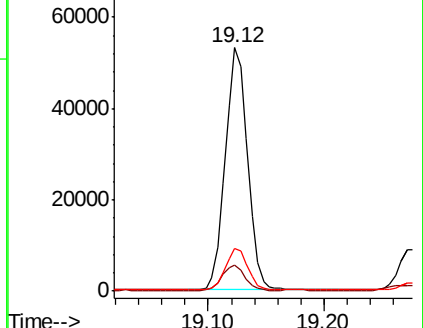
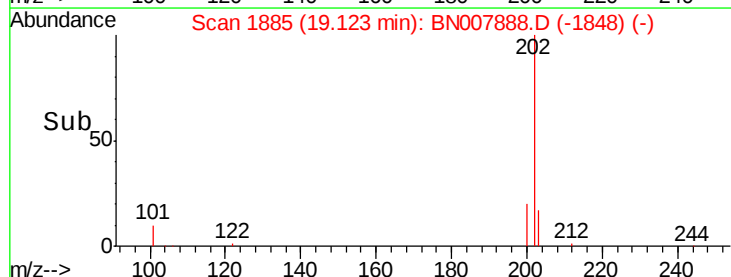
203 17.2 13.8 20.8



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: BN007888.D

Acq: 27 Sep 2019 16:40

Instrument :

BNA_N

ClientSampleId :

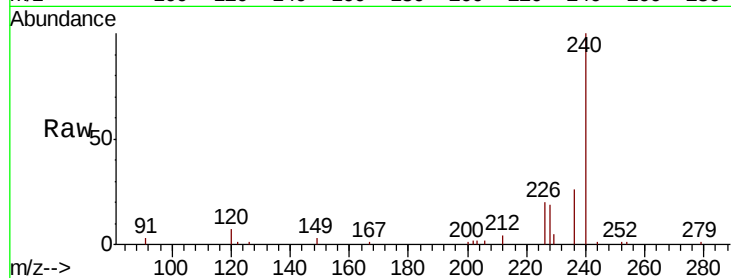
Tot Ion:240 Resp: 48105

Ion Ratio Lower Upper

240 100

120 7.3 5.4 8.2

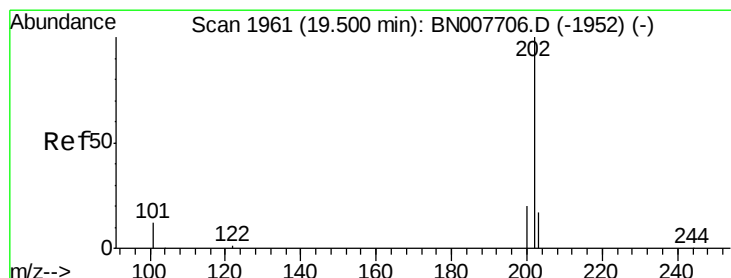
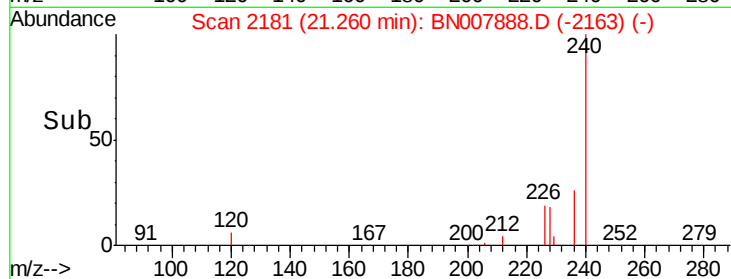
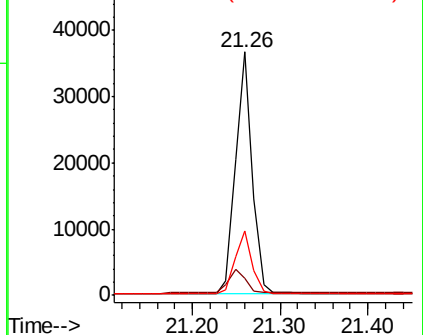
236 26.4 21.0 31.4



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: 0.451 ng

RT: 19.49 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

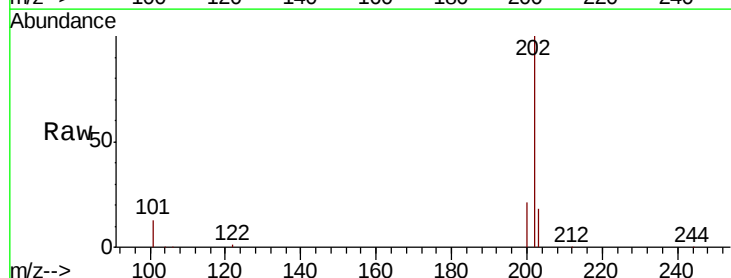
Tgt Ion:202 Resp: 74007

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

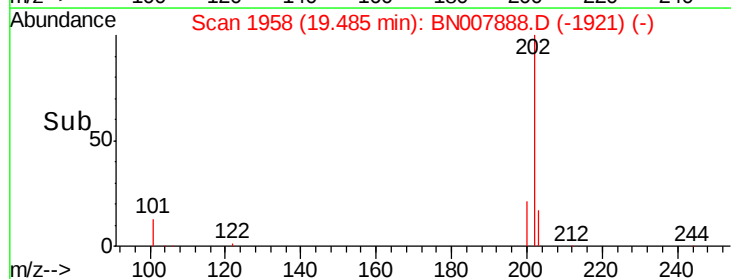
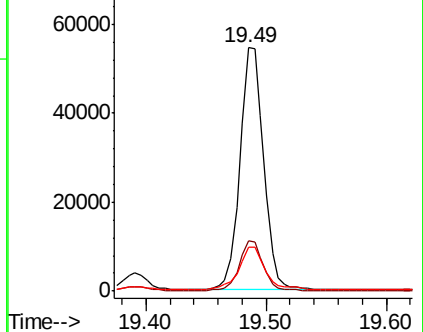
203 19.8 14.1 21.1



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: 0.448 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

Instrument :

BNA_N

ClientSampled :

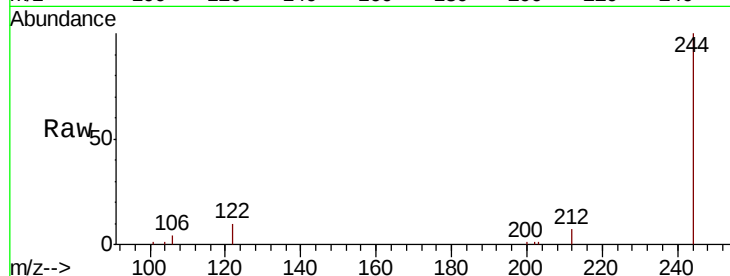
Tot Ion:244 Resp: 52965

Ion Ratio Lower Upper

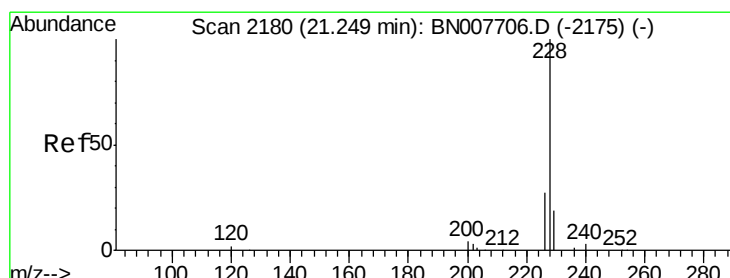
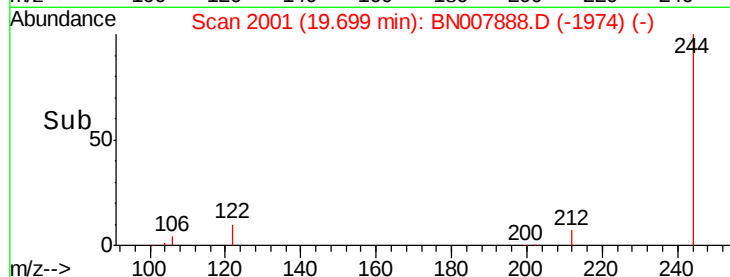
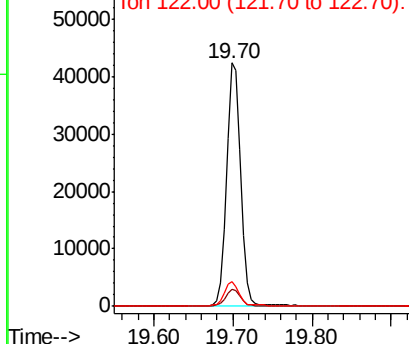
244 100

212 7.2 5.9 8.9

122 10.3 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: 0.430 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

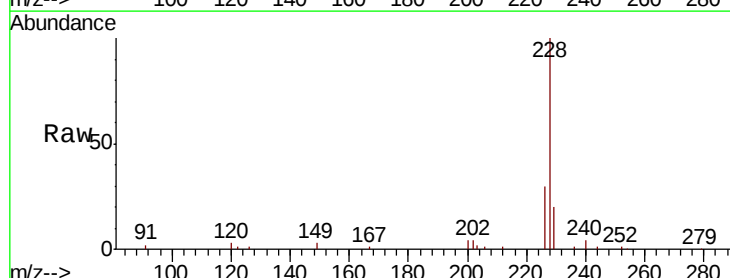
Tgt Ion:228 Resp: 76242

Ion Ratio Lower Upper

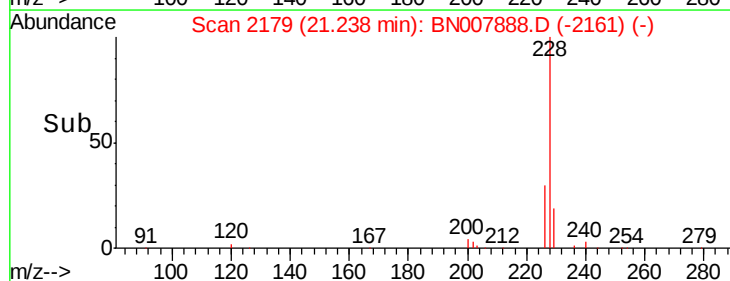
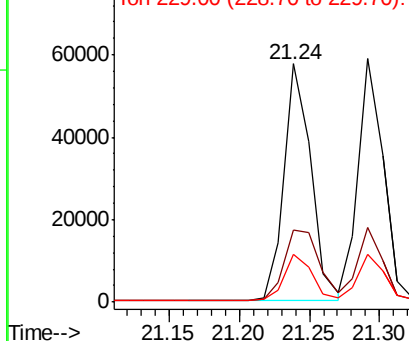
228 100

226 30.5 22.1 33.1

229 19.9 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: 0.422 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

Instrument :

BNA_N

ClientSampleId :

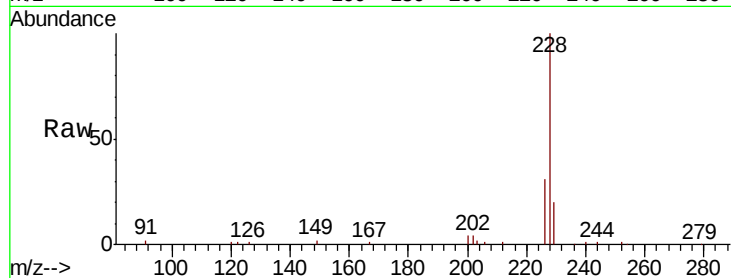
Tot Ion:228 Resp: 72779

Ion Ratio Lower Upper

228 100

226 30.5 23.9 35.9

229 19.9 15.8 23.6

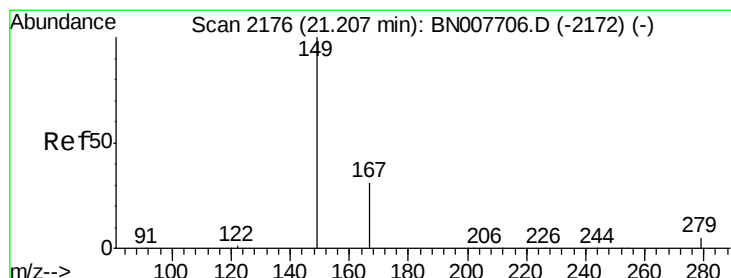
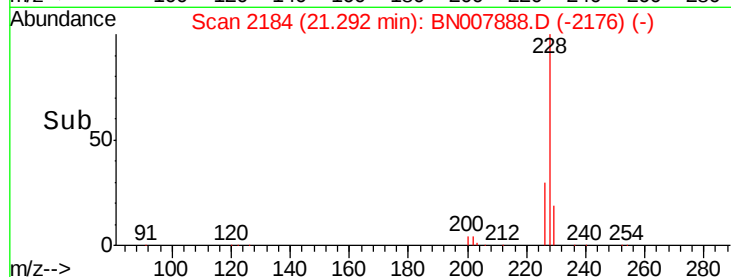
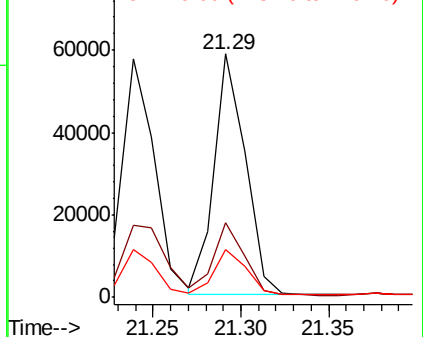


Abundance

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: 0.733 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

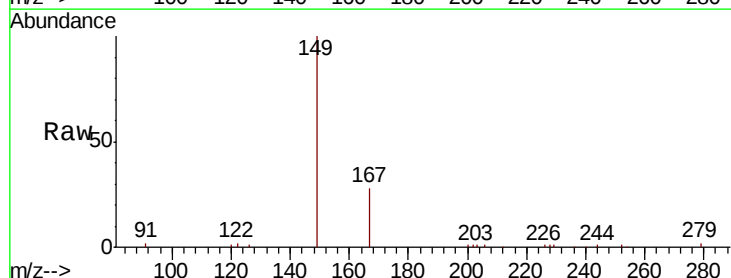
Tgt Ion:149 Resp: 66816

Ion Ratio Lower Upper

149 100

167 28.5 23.7 35.5

279 5.2 4.2 6.2

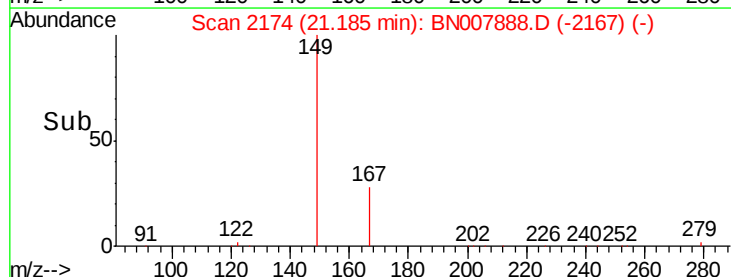
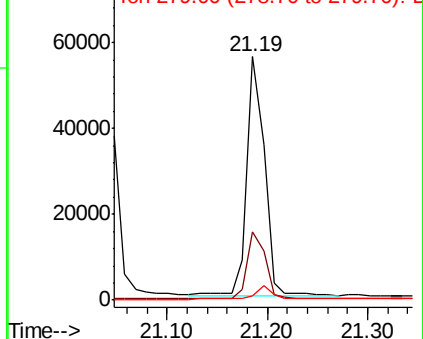


Abundance

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

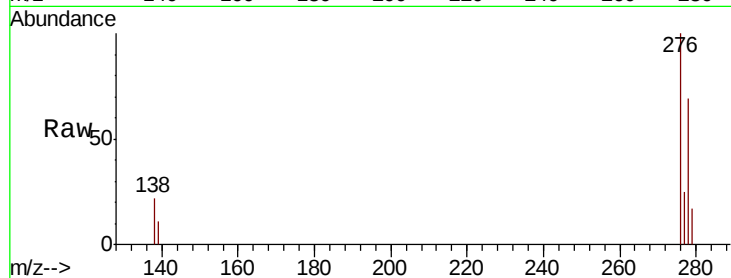




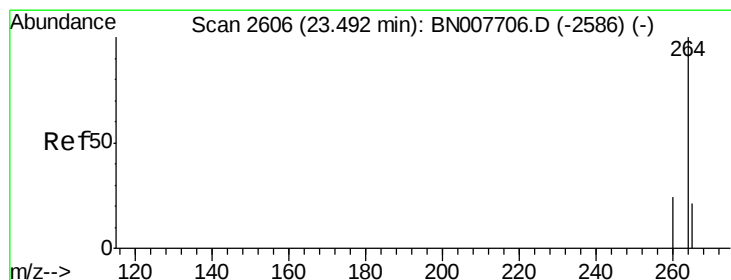
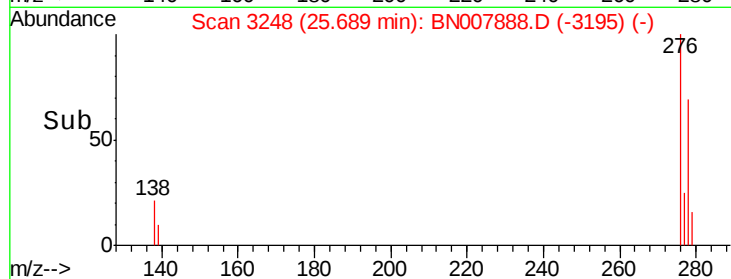
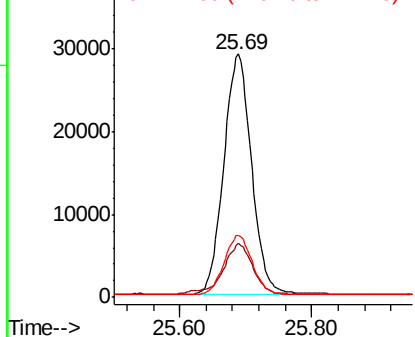
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.391 ng
 RT: 25.69 min Scan# 3248
 Delta R.T. -0.02 min
 Lab File: BN007888.D
 Acq: 27 Sep 2019 16:40

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 84583
 Ion Ratio Lower Upper
 276 100
 138 22.8 17.1 25.7
 277 24.9 20.0 30.0

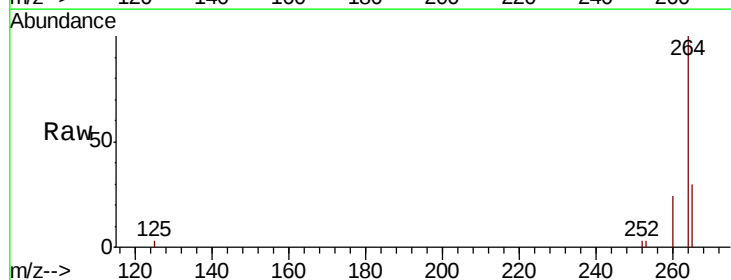


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

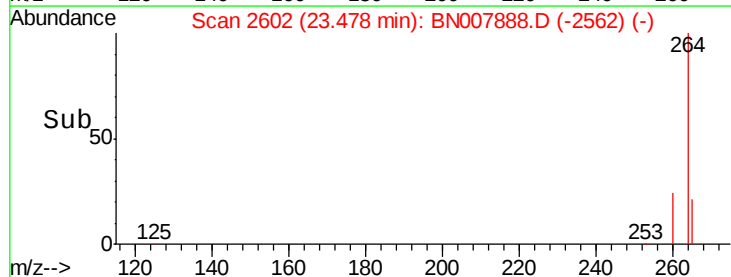
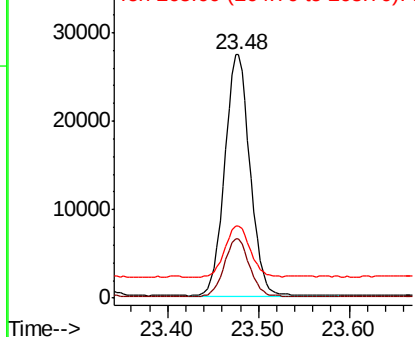


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.48 min Scan# 2602
 Delta R.T. -0.01 min
 Lab File: BN007888.D
 Acq: 27 Sep 2019 16:40

Tgt Ion:264 Resp: 52402
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 29.7 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: 0.429 ng

RT: 22.81 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

Instrument :

BNA_N

ClientSampleId :

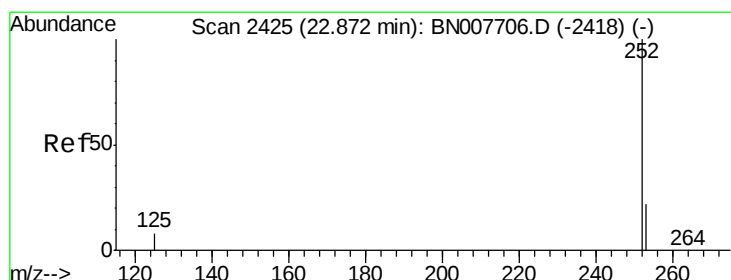
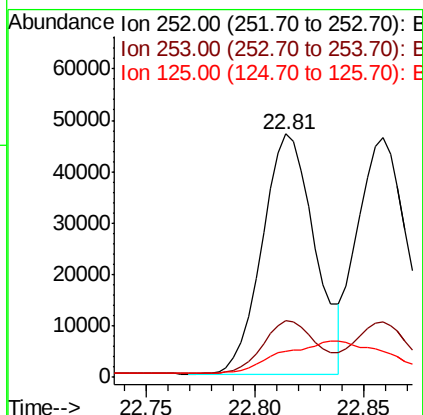
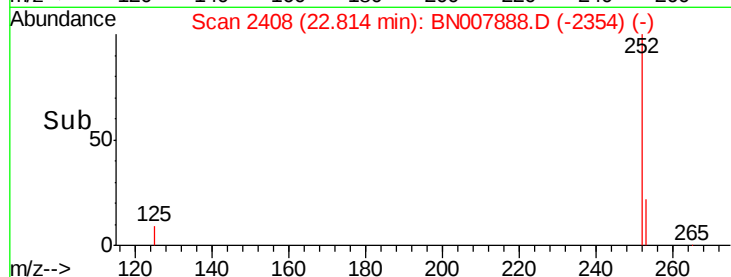
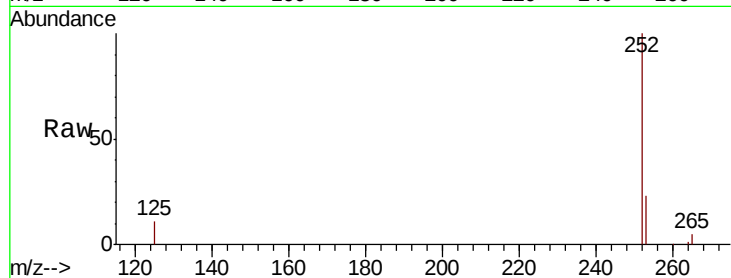
Tot Ion:252 Resp: 78062

Ion Ratio Lower Upper

252 100

253 23.1 18.3 27.5

125 10.9 8.2 12.4



#36

Benzo(k)fluoranthene

Concen: 0.412 ng

RT: 22.86 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

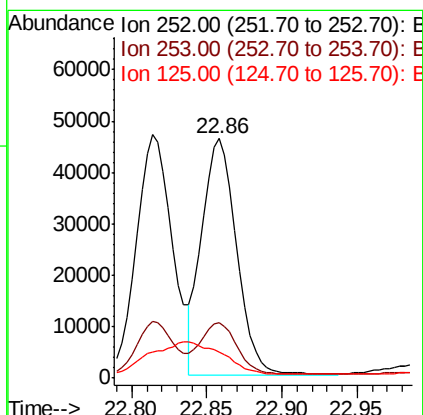
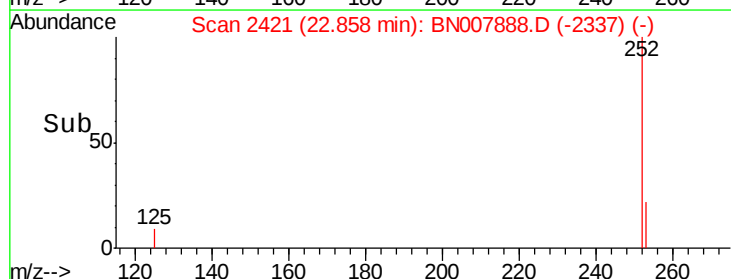
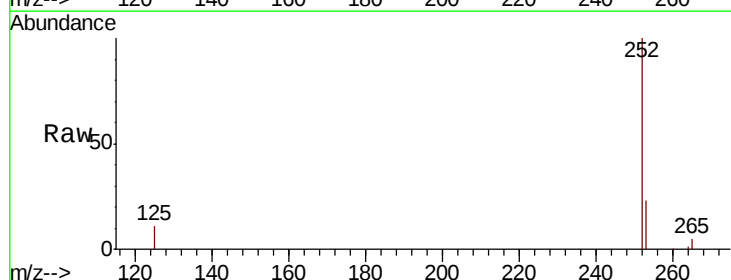
Tgt Ion:252 Resp: 74122

Ion Ratio Lower Upper

252 100

253 23.4 18.5 27.7

125 11.1 8.4 12.6





#37

Benzo(a)pyrene

Concen: 0.421 ng

RT: 23.38 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

Instrument :

BNA_N

ClientSampleId :

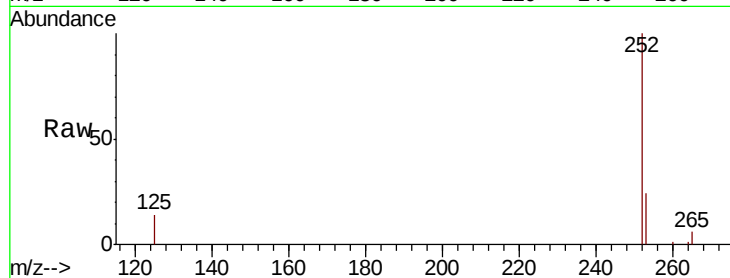
Tot Ion:252 Resp: 71964

Ion Ratio Lower Upper

252 100

253 24.0 18.6 27.8

125 14.3 9.4 14.0#

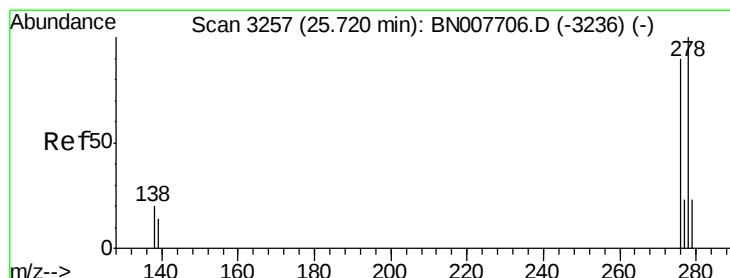
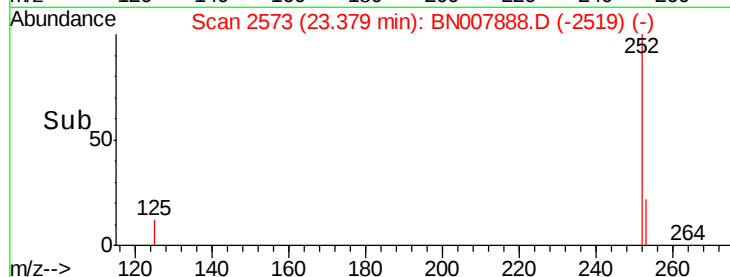
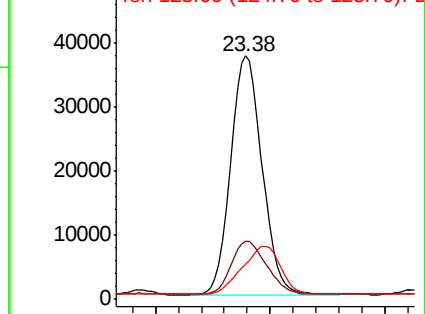


Abundance

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: 0.391 ng

RT: 25.70 min Scan# 3252

Delta R.T. -0.02 min

Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

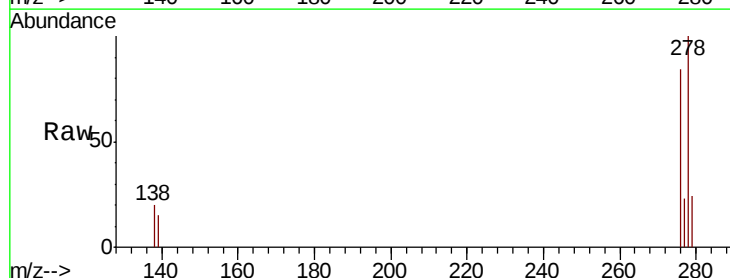
Tgt Ion:278 Resp: 68388

Ion Ratio Lower Upper

278 100

139 14.6 11.8 17.6

279 24.4 19.4 29.2

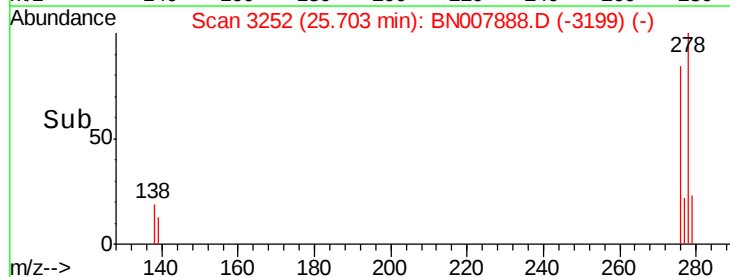
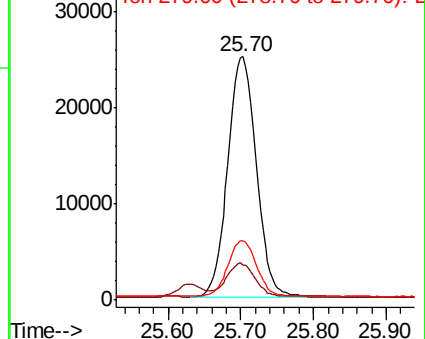


Abundance

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: 0.406 ng

RT: 26.36 min Scan# 3443

Delta R.T. -0.02 min

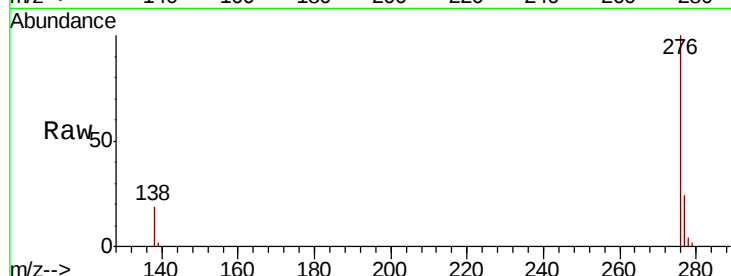
Lab File: BN007888.D

Acq: 27 Sep 2019 16:40

Instrument :

BNA_N

ClientSampleId :



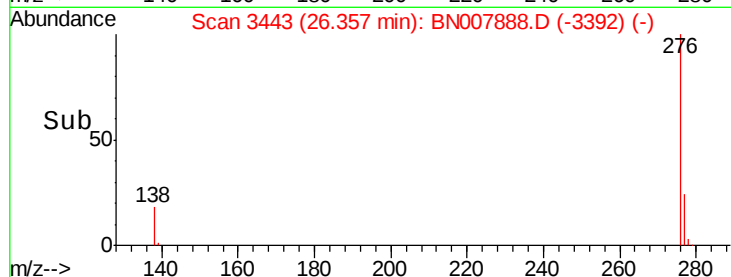
Tot Ion: 276 Resp: 70338

Ion Ratio Lower Upper

276 100

277 24.5 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

